Shell Oil Products US

May 11, 2009

Re: **Quarterly Monitoring Report – First Quarter 2009**
Former Shell-branded Service Station
1801 Santa Rita Road
Pleasanton, California

Dear Mr. 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

Denis L. Brown
Project Manager

20945 S. Wilmington Avenue, Carson, CA 90810 P: (559) 645-9306; F: (559) 645-5643

May 11, 2009
DELTA Project SCA1801S1
SAP: 135783

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

Re: FIRST QUARTER 2009 GROUNDWATER MONITORING REPORT
Shell-Branded Service Station
1801 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 2009 Groundwater Monitoring Report* for the referenced site. The sampling activities at the site were performed by Blaine Tech Services, Inc. (Blaine Tech) under contract to SHELL and included the collection of groundwater samples and static water level measurements. DELTA did not provide any oversight of Blaine Tech's work or protocol. A DELTA staff member under the supervision of a California Registered Civil Engineer or a California Professional Geologist performed evaluation of the data provided to us.

This 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 DETLA and its client outlines the scope of work, and only those tasks specifically authorized by that contract or outlined in this report were performed. This report is intended only for the use of DELTA's Client and anyone else specifically listed on this report. DELTA will not and cannot be liable for unauthorized reliance by any other third party. Other than as contained in this paragraph, DELTA makes no express or implied warranty as to the contents of this report.

a member of: Inogen Environmental Alliance

312 Piercy Road San Jose, California 95138 USA
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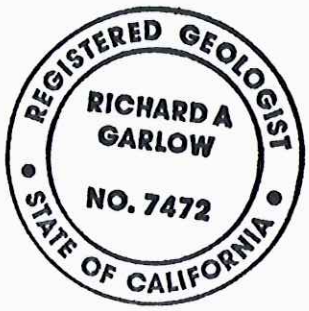
If you have any questions regarding this site, please contact Ms. Regina Bussard (DELTA) at (408) 826-1876 or Mr. Denis Brown (SHELL) at (707) 865-0251.

Sincerely,
Delta Consultants

Regina Bussard, P.G.
Project Manager

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



Attachment: First Quarter 2009 Groundwater Monitoring Report

cc: Mr. Denis Brown, Shell Oil Products US, Carson

May 11, 2009

SHELL QUARTERLY STATUS REPORT

Station Address:	1801 Santa Rita Road, Pleasanton, CA
DELTA Project No.:	SCA1801S1
SHELL Project Manager / Phone No.:	Denis Brown / (707) 865-0251
DELTA Site Manager / Phone No.:	Regina Bussard / (408) 826-1876
Primary Agency / Regulatory ID No.:	Alameda County Environmental Health (ACEH) / Mr. Jerry Wickham
Other Agencies to Receive Copies:	None

WORK PERFORMED THIS QUARTER (FIRST - 2009):

1. Quarterly groundwater monitoring and sampling. Submitted quarterly report

WORK PROPOSED FOR NEXT QUARTER (SECOND - 2009):

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

Current Phase of Project:	Groundwater monitoring.
Site Use:	Shell-branded service station
Frequency of Sampling:	Quarterly – Wells MW-1, MW-1A, MW-4, MW-4A, MW-5,and MW-6 Annual – Wells MW-2 and MW-3
Frequency of Monitoring:	Quarterly – Wells MW-1, MW-1A, MW-4, MW-4A, MW-5, and MW-6 Annual – Wells MW-2 and MW-3
Is Separate Phase Hydrocarbon Present On-site (Well #'s):	☐ Yes ☒ No
Cumulative SPH Recovered to Date:	NA
SPH Recovered This Quarter :	None
Cumulative Groundwater Recovered to Date:	NA
Groundwater Recovered This Quarter:	199.8 gallons were recovered on January 5, 2009
Sensitive Receptor(s) and Respective Direction(s):	City of Pleasanton Well 06 located approximately 1,531 feet southeast of the site is the nearest municipal water supply well identified by Delta. City of Pleasanton Wells 04 and 05 are located approximately 1,795 feet and 1,848 feet southeast of site, respectively.
Site Lithology:	Borings for the wells encountered primarily clay and clayey sand from the ground surface to a depth of approximately 25 feet. Clay and silty clay were encountered from approximately 25 to 55 feet; and well graded sand and gravels were encountered from approximately 55 feet to 97.5 feet, the maximum depth explored.
Current Remediation Techniques:	None
Permits for Discharge:	None

May 11, 2009

SHELL QUARTERLY STATUS REPORT (CONT.)

Approximate Depth to Groundwater:	43.86 to 45.40 feet below top of well casing
Groundwater Gradient:	South-southwest at approximately 0.009 ft/ft in the shallow zone. West at approximately 0.003 ft/ft in the deep zone.
Current Agency Correspondence:	None
Date of Most Recent Work Plan Approval:	May 4, 2007
Site History:	
Case Opening	2002
Onsite Assessment	2002-2007
Offsite Assessment	None
Passive Remediation	None
Active Remediation	None
Closure	NA
Summary of Unusual Activity:	None

Discussion:
TPH-D concentrations increase in well MW-1 from <50 µg/ to 300 µg/
TPH-G concentrations increased in well MW-4A from 70 µg/l to 660 µg/l, MTBE increased from 6.4 µg/l to 250 µg/l, and TBA increased from 14 µg/l to 1,300 µg/l.

ATTACHED:

- Table 1 – Well Concentrations
- Figure 1 – Site Location Map
- Figure 2 – Groundwater Elevation Contour Map (Shallow)
- Figure 3 – Groundwater Elevation Contour Map (Deep)
- Figure 4 – 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
1801 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)	1,2 DCA	EDB	TBA (ug/L)	Disovled solids (mg/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-1	12/12/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	85.83	NA
MW-1	12/20/2002	<50	<50	<0.50	<0.50	<0.50	0.71	<0.50	<2.0	<2.0	<2.0	NA	NA	<50	NA	NA	85.60	NA
MW-1	3/31/2003	<50	75	<0.50	<0.50	<0.50	<1.0	<5.0	NA	NA	NA	NA	NA	NA	NA	342.10	77.36	264.74
MW-1	6/26/2003	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	NA	NA	<5.0	NA	342.10	72.48	269.62
MW-1	9/15/2003	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	NA	NA	<5.0	NA	342.10	79.03	263.07
MW-1	12/31/2003	<50	<50	<0.50	0.99	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	NA	NA	<5.0	NA	342.10	70.57	271.53
MW-1	3/8/2004	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	NA	NA	<5.0	NA	342.10	65.95	276.15
MW-1	6/16/2004	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	NA	NA	<5.0	NA	342.10	66.50	275.60
MW-1	4/14/2005	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	NA	NA	<5.0	NA	342.10	55.97	286.13
MW-1	10/20/2005	<50	330 b/190 b	0.86	<0.50	<0.50	1.2	0.87	<2.0	<2.0	<2.0	NA	NA	<5.0	NA	342.10	56.51	285.59
MW-1	2/27/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	342.10	45.93	296.17
MW-1	4/19/2006	<50.0	<47.2 c	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	NA	NA	<10.0	NA	342.10	43.15	298.95
MW-1	7/12/2006	<50.0	53.1 c	<0.500	<0.500	<0.500	<1.5	<0.500	<0.500	<0.500	<0.500	NA	NA	<10.0	NA	342.10	44.80	297.30
MW-1	10/6/2006	<50.0	76 c,d	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	NA	NA	<10.0	NA	342.10	44.65	297.45
MW-1	1/19/2007	<50	71 c	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	<20	NA	342.10	39.39	302.71
MW-1	4/3/2007	51 i	150 c,h	<0.50	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	NA	NA	<10	NA	342.10	36.12	305.98
MW-1	7/6/2007	<50 i	<50 c	<0.50	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	NA	NA	<10	NA	342.10	44.15	297.95
MW-1	10/25/2007	<50 i	<50 c	<0.50	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	NA	NA	<10	NA	342.10	40.39	301.71
MW-1	1/10/2008	<50 i	<50 k	<0.50	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	NA	NA	<10	NA	342.10	36.57	305.53
MW-1	4/17/2008	<50	<50 k	<0.50	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	NA	NA	<10	NA	342.10	36.51	305.59
MW-1	7/2/2008	<50	84 h,k	<0.50	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	NA	NA	<10	NA	342.10	41.90	300.20
MW-1	10/14/2008	<50	<50 k	<0.50	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	NA	NA	<10	666	342.10	48.71	293.39
MW-1	**1/5/2009**	**<50**	**300 h,k**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**<1.0**	**<2.0**	**<2.0**	**<2.0**	**NA**	**NA**	**<10**	**NA**	**342.10**	**45.40**	**296.70**
MW-1A	2/23/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	341.72	46.95	294.77
MW-1A	2/27/2006	<50.0	55.9 c	4.04	<0.500	<0.500	2.02	3.32	<0.500	<0.500	<0.500	NA	NA	12.5	NA	341.72	45.56	296.16
MW-1A	4/19/2006	<50.0	119 c	1.05	0.990	<0.500	<0.500	1.41	<0.500	<0.500	<0.500	NA	NA	<10.0	NA	341.72	42.78	298.94
MW-1A	7/12/2006	<50.0	79.6 c	<0.500	<0.500	<0.500	<1.5	9.82	<0.500	<0.500	<0.500	NA	NA	19.1	NA	341.72	44.41	297.31
MW-1A	10/6/2006	<50.0	90 c,d	<1.00	<1.00	<1.00	<3.00	7.27	<1.00	<1.00	<1.00	NA	NA	<10.0	NA	341.72	44.22	297.50
MW-1A	1/19/2007	<50	64 c	<0.50	<0.50	<0.50	<0.50	15	<0.50	<0.50	<0.50	NA	NA	24	NA	341.72	38.94	302.78
MW-1A	4/3/2007	<50 i	210 c	0.74	<1.0	<1.0	<1.0	14	<2.0	<2.0	<2.0	NA	NA	<10	NA	341.72	35.67	306.05
MW-1A	7/6/2007	<50 i	68 c	0.76	<1.0	<1.0	<1.0	38	<2.0	<2.0	<2.0	NA	NA	63	NA	341.72	43.72	298.00

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WELL CONCENTRATIONS
Shell-branded Service Station
1801 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)	1,2 DCA	EDB	TBA (ug/L)	Disovled solids (mg/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-1A	10/25/2007	<50 i	<50 c	<0.50	<1.0	<1.0	<1.0	30	<2.0	<2.0	<2.0	NA	NA	29	NA	341.72	39.89	301.83
MW-1A	1/10/2008	<50 i	100 h,k	<0.50	<1.0	<1.0	<1.0	23	<2.0	<2.0	<2.0	NA	NA	<10	NA	341.72	36.06	305.66
MW-1A	4/17/2008	<50 i	<50 k	<0.50	<1.0	<1.0	<1.0	38	<2.0	<2.0	<2.0	NA	NA	24	NA	341.72	36.13	305.59
MW-1A	7/2/2008	110	200 h,k	<0.50	<1.0	<1.0	<1.0	65	<2.0	<2.0	<2.0	<0.50	<1.0	75	NA	341.72	41.28	300.44
MW-1A	10/14/2008	440	<50 k	<0.50	<1.0	<1.0	<1.0	210	<2.0	<2.0	<2.0	1.5	<1.0	300	1,000	341.72	48.16	293.56
MW-1A	**1/5/2009**	**430**	**<50 k**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**290**	**<2.0**	**<2.0**	**<2.0**	**2.3**	**<1.0**	**710**	**NA**	**341.72**	**44.85**	**296.87**
MW-2	12/12/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	85.15	NA
MW-2	12/20/2002	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<2.0	<2.0	NA	NA	<50	NA	NA	85.00	NA
MW-2	3/31/2003	<50	63	<0.50	0.71	<0.50	<1.0	<5.0	NA	NA	NA	NA	NA	NA	NA	341.57	76.63	264.94
MW-2	6/26/2003	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	NA	NA	<5.0	NA	341.57	71.94	269.63
MW-2	9/15/2003	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	NA	NA	<5.0	NA	341.57	78.41	263.16
MW-2	12/31/2003	<50	120 a	<0.50	1.3	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	NA	NA	<5.0	NA	341.57	69.96	271.61
MW-2	3/8/2004	<50	110 a	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	NA	NA	<5.0	NA	341.57	65.34	276.23
MW-2	6/16/2004	<50	90 a	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	NA	NA	<5.0	NA	341.57	65.86	275.71
MW-2	4/14/2005	<50	77 a	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	NA	NA	<5.0	NA	341.57	55.35	286.22
MW-2	10/20/2005	<50	75 a/<50	<0.50	<0.50	<0.50	<1.0	0.54	<2.0	<2.0	<2.0	NA	NA	<5.0	NA	341.57	55.89	285.68
MW-2	2/27/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	341.57	45.30	296.27
MW-2	4/19/2006	<50.0	80.1 c	<0.500	<0.500	<0.500	<0.500	0.630	<0.500	<0.500	<0.500	NA	NA	<10.0	NA	341.57	42.56	299.01
MW-2	7/12/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	341.57	44.20	297.37
MW-2	10/6/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	341.57	44.07	297.50
MW-2	1/19/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	341.57	38.79	302.78
MW-2	4/3/2007	<50 i	190 c	<0.50	<1.0	<1.0	<1.0	0.77 j	<2.0	<2.0	<2.0	NA	NA	<10	NA	341.57	35.54	306.03
MW-2	7/6/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	341.57	43.54	298.03
MW-2	10/25/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	341.57	39.77	301.80
MW-2	1/10/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	341.57	35.95	305.62
MW-2	4/17/2008	<50	57 k	<0.50	<1.0	<1.0	<1.0	1.2	<2.0	<2.0	<2.0	NA	NA	<10	NA	341.57	35.90	305.67
MW-2	7/2/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	341.57	41.20	300.37
MW-2	10/14/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	341.57	48.03	293.54
MW-2	**1/5/2009**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**341.57**	**44.67**	**296.90**
MW-3	12/12/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	85.49	NA
MW-3	12/20/2002	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<2.0	<2.0	NA	NA	<50	NA	NA	85.25	NA

TABLE 1
WELL CONCENTRATIONS
Shell-branded Service Station
1801 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)	1,2 DCA	EDB	TBA (ug/L)	Disovled solids (mg/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-3	3/31/2003	<50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	NA	NA	NA	NA	NA	NA	NA	341.65	76.81	264.84
MW-3	6/26/2003	<50	80 a	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	NA	NA	<5.0	NA	341.65	72.05	269.60
MW-3	9/15/2003	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	NA	NA	<5.0	NA	341.65	78.52	263.13
MW-3	12/31/2003	<50	<50	<0.50	1.2	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	NA	NA	<5.0	NA	341.65	70.15	271.50
MW-3	3/8/2004	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	NA	NA	<5.0	NA	341.65	65.46	276.19
MW-3	6/16/2004	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	NA	NA	<5.0	NA	341.65	65.87	275.78
MW-3	4/14/2005	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	NA	NA	<5.0	NA	341.65	55.50	286.15
MW-3	10/20/2005	<50	55 a/<50	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	NA	NA	<5.0	NA	341.65	55.97	285.68
MW-3	2/27/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	341.65	45.45	296.20
MW-3	4/19/2006	<50.0	200 c	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	NA	NA	20.2	NA	341.65	42.67	298.98
MW-3	7/12/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	341.65	44.32	297.33
MW-3	10/6/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	341.65	44.19	297.46
MW-3	1/19/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	341.65	38.98	302.67
MW-3	4/3/2007	<50 i	140 c	0.21 j	<1.0	<1.0	<1.0	0.29 j	<2.0	<2.0	<2.0	NA	NA	<10	NA	341.65	35.72	305.93
MW-3	7/6/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	341.65	43.69	297.96
MW-3	10/25/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	341.65	39.90	301.75
MW-3	1/10/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	341.65	36.12	305.53
MW-3	4/17/2008	<50	95 k	<0.50	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	NA	NA	<10	NA	341.65	36.02	305.63
MW-3	7/2/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	341.65	41.35	300.30
MW-3	10/14/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	341.65	48.24	293.41
MW-3	**1/5/2009**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**341.65**	**44.79**	**296.86**
MW-4	12/12/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	84.36	NA
MW-4	12/20/2002	<50	69	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<2.0	<2.0	NA	NA	<50	NA	NA	84.15	NA
MW-4	3/31/2003	<50	70	<0.50	<0.50	<0.50	<1.0	<0.50	NA	NA	NA	NA	NA	NA	NA	340.68	75.90	264.78
MW-4	6/26/2003	<50	86 a	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	NA	NA	<5.0	NA	340.68	71.01	269.67
MW-4	9/15/2003	<50	120 a	1.0	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	NA	NA	<5.0	NA	340.68	77.57	263.11
MW-4	12/31/2003	<50	<50	<0.50	0.64	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	NA	NA	<5.0	NA	340.68	69.15	271.53
MW-4	3/8/2004	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	NA	NA	<5.0	NA	340.68	64.51	276.17
MW-4	6/16/2004	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	NA	NA	<5.0	NA	340.68	65.04	275.64
MW-4	4/14/2005	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	NA	NA	<5.0	NA	340.68	54.53	286.15
MW-4	10/20/2005	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	NA	NA	<5.0	NA	340.68	55.05	285.63
MW-4	2/27/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	340.68	44.49	296.19

TABLE 1
WELL CONCENTRATIONS
Shell-branded Service Station
1801 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)	1,2 DCA	EDB	TBA (ug/L)	Disovled solids (mg/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-4	4/19/2006	<50.0	265 c	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	NA	NA	<10.0	NA	340.68	41.72	298.96
MW-4	7/12/2006	<50.0	652 c	<0.500	<0.500	<0.500	<1.5	<0.500	<0.500	<0.500	<0.500	NA	NA	<10.0	NA	340.68	43.34	297.34
MW-4	10/6/2006	<50.0	320 c,d	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	NA	NA	<10.0	NA	340.68	43.23	297.45
MW-4	1/19/2007	<50	79 c	<0.50	<0.50	<0.50	0.88	<0.50	<0.50	<0.50	<0.50	NA	NA	<20	NA	340.68	38.12	302.56
MW-4	4/3/2007	<50 i	1,200 c,h	<0.50	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	NA	NA	<10	NA	340.68	34.55	306.13
MW-4	7/6/2007	<50 i	<50 c	<0.50	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	NA	NA	<10	NA	340.68	42.75	297.93
MW-4	10/25/2007	<50 i	1,400 c,h	<0.50	0.30 j	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	NA	NA	<10	NA	340.68	38.92	301.76
MW-4	1/10/2008	<50 i	<50 k	<0.50	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	NA	NA	<10	NA	340.68	35.22	305.46
MW-4	4/17/2008	<50	<50 k	<0.50	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	NA	NA	<10	NA	340.68	35.03	305.65
MW-4	7/2/2008	<50	59 h,k	<0.50	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	NA	NA	<10	NA	340.68	40.53	300.15
MW-4	10/14/2008	<50	<50 k	<0.50	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	NA	NA	<10	686	340.68	47.43	293.25
MW-4	**1/5/2009**	**<50**	**<50 k**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**<1.0**	**<2.0**	**<2.0**	**<2.0**	**NA**	**NA**	**<10**	**NA**	**340.68**	**44.00**	**296.68**
MW-4A	2/23/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	340.77	46.55	294.22
MW-4A	2/27/2006	3,280	246 c	232	135	27.2	306	10.2	<0.500	<0.500	<0.500	NA	NA	<10.0	NA	340.77	44.61	296.16
MW-4A	4/19/2006	15,000	967 c	2,620	1,280	518	1,460	34.9	<0.500	<0.500	<0.500	NA	NA	<10.0	NA	340.77	41.82	298.95
MW-4A	7/12/2006	25,900	<47.2 c	3,720	749	728	1,770	37.6	<0.500	<0.500	<0.500	NA	NA	32.2	NA	340.77	43.48	297.29
MW-4A	10/6/2006	4,340	560 c,d	573	14.9	193	132	16.4	<1.00	<1.00	<1.00	NA	NA	<10.0	NA	340.77	43.42	297.35
MW-4A	1/19/2007	3,700	420 c	1,300 e,f,g	150	350	400	40	<2.5	<2.5	<2.5	NA	NA	<100	NA	340.77	38.03	302.74
MW-4A	4/3/2007	2,200 i	1,200 c	240	5.0	240	9.4	41	<2.0	<2.0	<2.0	NA	NA	44	NA	340.77	34.78	305.99
MW-4A	7/6/2007	1,300 i	290 c	130	6.5	130	40.7	29	<2.0	<2.0	<2.0	NA	NA	72	NA	340.77	42.91	297.86
MW-4A	10/25/2007	400 i	220 c,h	3.8	0.50 j	3.7	1.37 j	34	<2.0	<2.0	<2.0	NA	NA	200	NA	340.77	39.12	301.65
MW-4A	1/10/2008	200 i	150 h, k	8.8	0.75 j	2.4	0.37 j	40	<2.0	<2.0	<2.0	NA	NA	310	NA	340.77	35.20	305.57
MW-4A	4/17/2008	400 i	150 h, k	31	3.4	5.6	1.9	60	<2.0	<2.0	<2.0	NA	NA	220	NA	340.77	35.21	305.56
MW-4A	7/2/2008	570	110 h,k	5.1	<1.0	<1.0	<1.0	120	<2.0	<2.0	<2.0	7.6	<1.0	640	NA	340.77	40.48	300.29
MW-4A	10/14/2008	70	<50 k	<0.50	<1.0	<1.0	<1.0	6.4	<2.0	<2.0	<2.0	<0.50	<1.0	14	814	340.77	47.50	293.27
MW-4A	**1/5/2009**	**660**	**93 h,k**	**1.5**	**<1.0**	**<1.0**	**<1.0**	**250**	**<2.0**	**<2.0**	**<2.0**	**4.7**	**<1.0**	**1,300**	**NA**	**340.77**	**44.04**	**296.73**
MW-5	2/23/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	340.86	45.10	295.76
MW-5	2/27/2006	<50.0	<50.0 c	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	NA	NA	<10.0	NA	340.86	44.69	296.17
MW-5	4/19/2006	<50.0	<47.2 c	0.810	0.810	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	NA	NA	<10.0	NA	340.86	41.95	298.91
MW-5	7/12/2006	<50.0	71.6 c	<0.500	<0.500	<0.500	<1.5	<0.500	<0.500	<0.500	<0.500	NA	NA	<10.0	NA	340.86	43.44	297.42
MW-5	10/6/2006	<50.0	260 c,d	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00	NA	NA	<10.0	NA	340.86	43.46	297.40

TABLE 1
WELL CONCENTRATIONS
Shell-branded Service Station
1801 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)	1,2 DCA	EDB	TBA (ug/L)	Disovled solids (mg/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-5	1/19/2007	<50	<50 c	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	<20	NA	340.86	38.09	302.77
MW-5	4/3/2007	<50 i	120 c,h	<0.50	<1.0	<1.0	<1.0	0.34 j	<2.0	<2.0	<2.0	NA	NA	<10	NA	340.86	34.91	305.95
MW-5	7/6/2007	<50 i	<50 c	<0.50	<1.0	<1.0	<1.0	1.3	<2.0	<2.0	<2.0	NA	NA	<10	NA	340.86	42.95	297.91
MW-5	10/25/2007	<50 i	<50 c	<0.50	0.34 j	<1.0	<1.0	1.7	<2.0	<2.0	<2.0	NA	NA	<10	NA	340.86	39.16	301.70
MW-5	1/10/2008	<50 i	82 h,k	<0.50	<1.0	<1.0	<1.0	1.1	<2.0	<2.0	<2.0	NA	NA	<10	NA	340.86	35.30	305.56
MW-5	4/17/2008	<50 i	<50 k	<0.50	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	NA	NA	<10	NA	340.86	35.42	305.44
MW-5	7/2/2008	<50	<50 k	<0.50	<1.0	<1.0	<1.0	3.2	<2.0	<2.0	<2.0	<0.50	<1.0	<10	NA	340.86	40.66	300.20
MW-5	10/14/2008	59	<50 k	<0.50	<1.0	<1.0	<1.0	22	<2.0	<2.0	<2.0	<0.50	<1.0	<10	963	340.86	47.60	293.26
MW-5	**1/5/2009**	**<50**	**<50 k**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**<1.0**	**<2.0**	**<2.0**	**<2.0**	**<0.50**	**<1.0**	**<10**	**NA**	**340.86**	**44.16**	**296.70**
MW-6	9/12/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	42.20	NA
MW-6	9/19/2007	<50 i	<50 c	<0.50	<1.0	<1.0	<1.0	2.5	NA	NA	NA	NA	NA	<10	NA	NA	41.85	NA
MW-6	10/25/2007	<50 i	<50 c	<0.50	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	NA	NA	<10	NA	340.34	38.63	301.71
MW-6	1/10/2008	<50 i	<50 k	<0.50	<1.0	<1.0	<1.0	0.86 j	<2.0	<2.0	<2.0	NA	NA	<10	NA	340.34	35.29	305.05
MW-6	4/17/2008	<50 i	<50 k	<0.50	<1.0	<1.0	<1.0	1.8	<2.0	<2.0	<2.0	NA	NA	<10	NA	340.34	34.95	305.39
MW-6	7/2/2008	Well Inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	340.34	NA	NA
MW-6	10/14/2008	<50	<50 k	<0.50	<1.0	<1.0	<1.0	12	<2.0	<2.0	<2.0	<0.50	<1.0	<10	903	340.34	47.21	293.13
MW-6	**1/5/2009**	**<50**	**<50 k**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**15**	**<2.0**	**<2.0**	**<2.0**	**<0.50**	**<1.0**	**<10**	**NA**	**340.34**	**43.86**	**296.48**

TABLE 1
WELL CONCENTRATIONS
Shell-branded Service Station
1801 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)	1,2 DCA	EDB	TBA (ug/L)	Disovled solids (mg/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
ETBE = Ethyl tertiary butyl ether
TAME = Tertiary amyl methyl ether
TBA = Tertiary Butanol or Tertiary butyl alcohol
n/n = TEPH/TEPH w/Silica Gel Clean-up
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
1801 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)	1,2 DCA	EDB	TBA (ug/L)	Disovled solids (mg/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)

Notes:

a = Hydrocarbon does not match pattern of laboratory's standard.

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

c = Analysis with Silica Gel clean-up.

d = Hydrocarbon pattern is present in the requested fuel quantitation range but does not resemble the pattern of the requested fuel.

e = Initial analysis within holding time. Reanalysis for the required dilution or confirmation was past holding time.

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

g = pH=7

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.

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

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

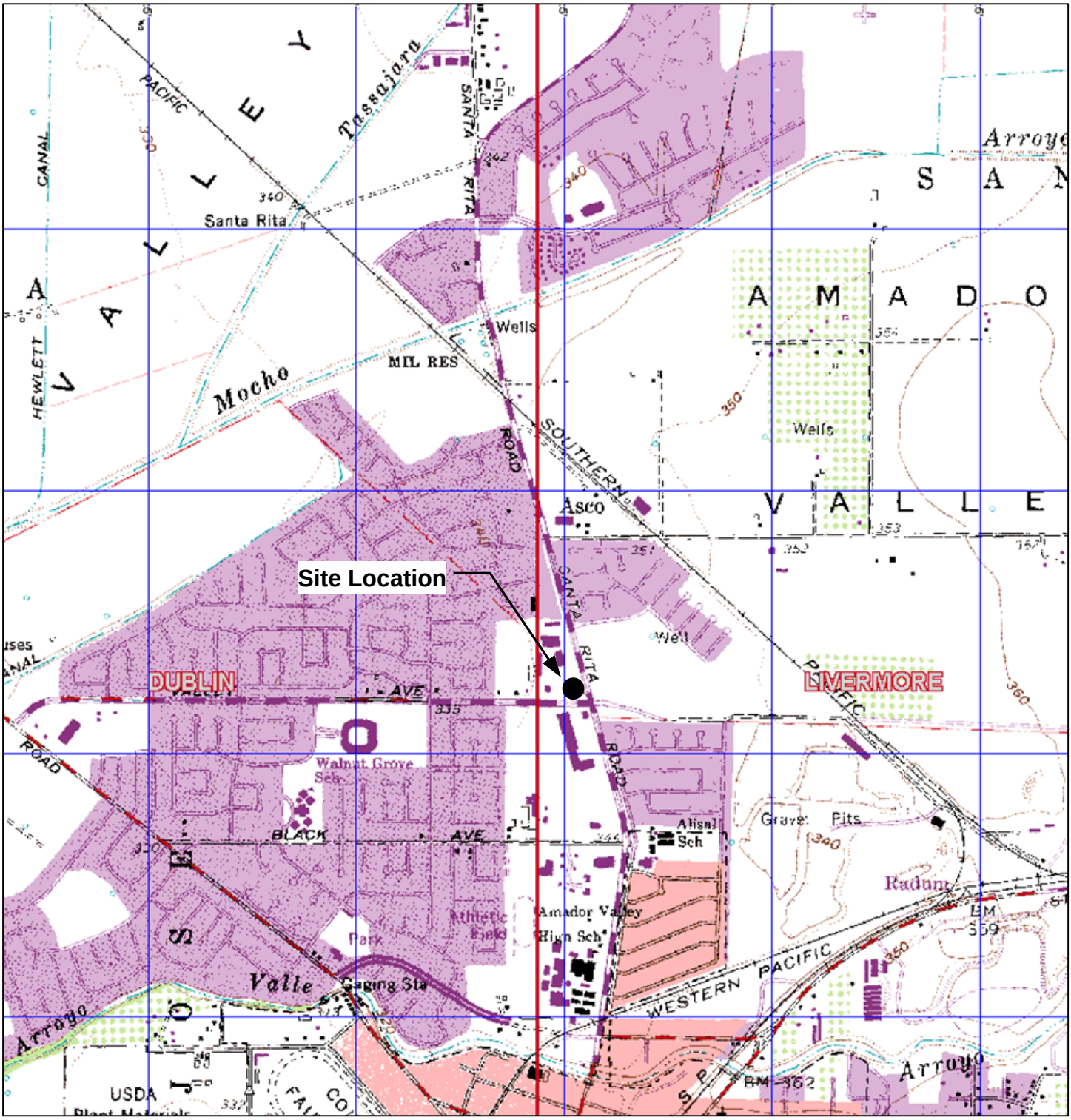
k = The sample extract was subjected to Silica Gel treatment prior to analysis.

Site surveyed January 14, 2003 by Mid Coast Engineers.

1Q06 survey data for wells MW-1A, MW-4A, and MW-5 provided by Delta Environmental.

TOC elevation for well MW-6 surveyed on October 5, 2007 and was provided by Delta Environmental.

FIGURES



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

North

QUADRANGLE LOCATION

0 1,800 3,600
Scale, Feet

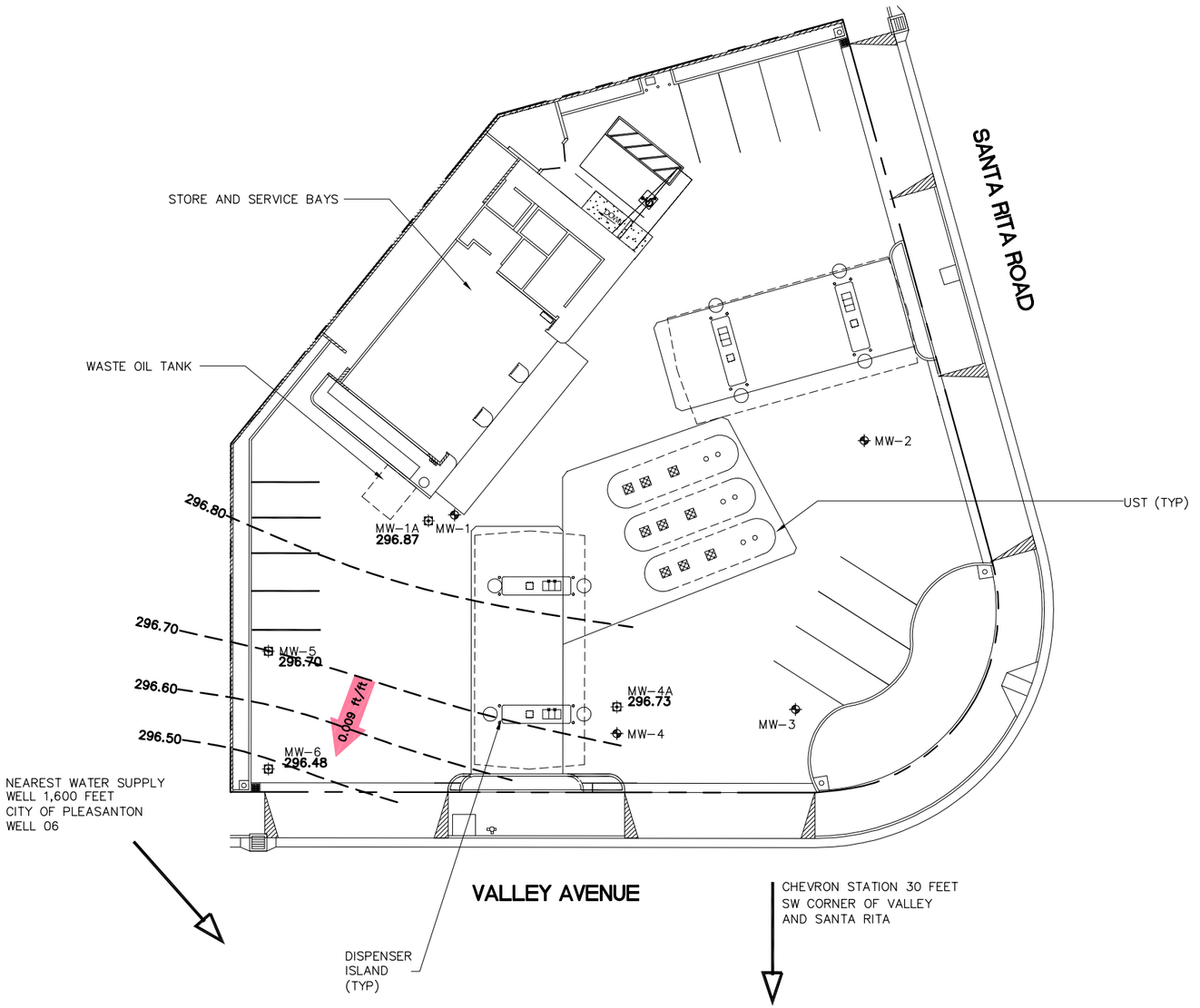
FIGURE 1
SITE LOCATION MAP

SHELL-BRANDED SERVICE STATION
1801 Santa Rita Road
Pleasanton, California

PROJECT NO. SCA1801S1	DRAWN BY VF 10/23/03
FILE NO.	PREPARED BY VF
REVISION NO.	REVIEWED BY

Delta
Environmental
Consultants, Inc.

PROJECT NUMBER	SCA1801S1
APPROVED BY	
CHECKED BY	
DRAWN BY	ICD 02/19/2009



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LEGEND

MW-1	GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION (DEEP)
MW-5	GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION (SHALLOW)
296.87	GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL (Ft/MSL)
296.80	GROUNDWATER CONTOUR IN FEET ABOVE MEAN SEA LEVEL (Ft/MSL) CONTOUR INTERVAL=0.10 FEET
0.009 ft/ft	APPROXIMATE GROUNDWATER GRADIENT DIRECTION (ft/ft)

0 15 30
SCALE IN FEET

DELTA CONSULTANTS

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

FIGURE 2
GROUNDWATER ELEVATION CONTOUR MAP
(SHALLOW)
01/05/2009

1801 SANTA RITA ROAD
PLEASANTON, CALIFORNIA

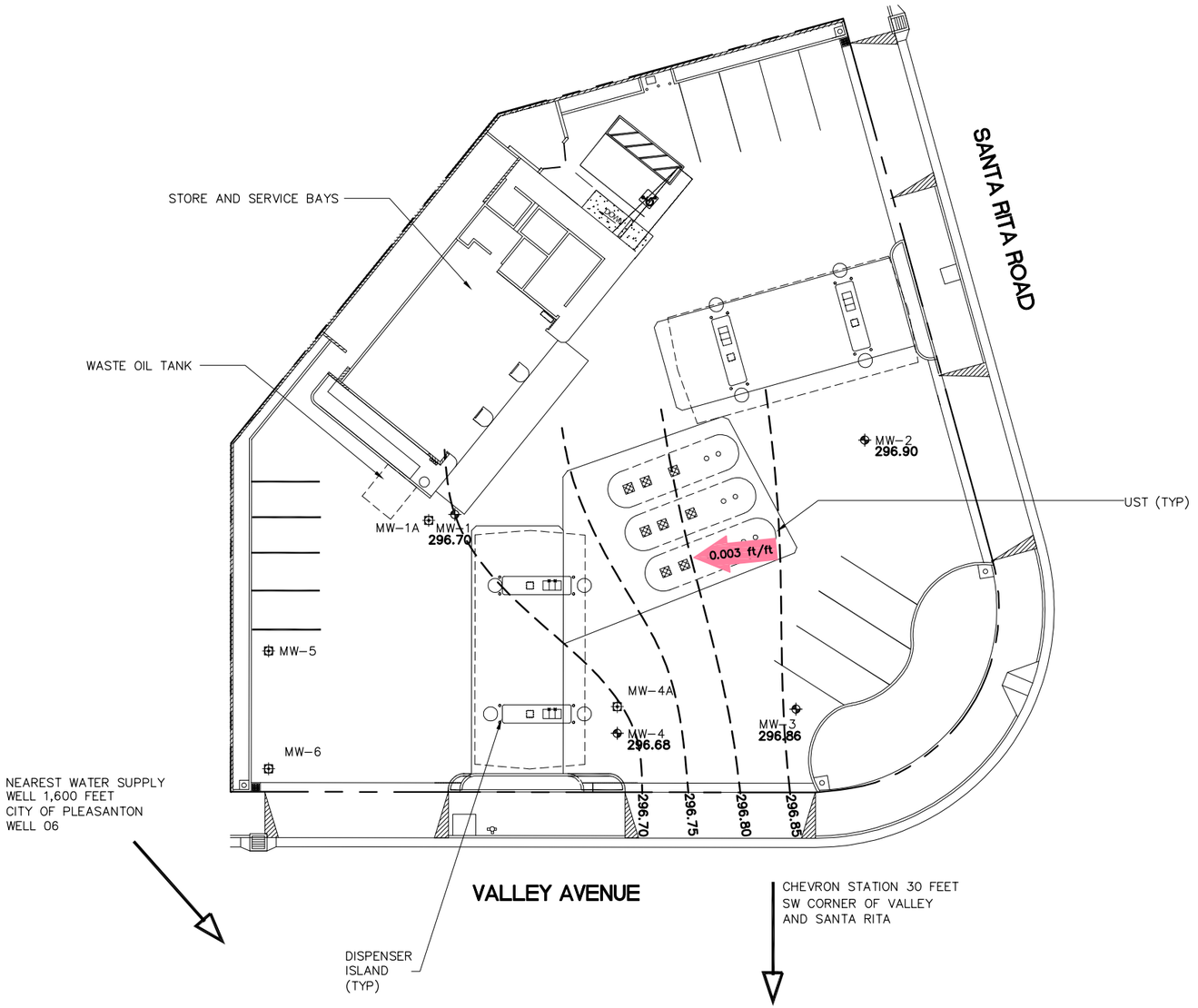
FILENAME: SCA1801S1_09Q1.DWG|FIG2_GWCONTOURS_SHALLOW

PROJECT NUMBER SCA1801S1

APPROVED BY

CHECKED BY

DRAWN BY ICD 02/19/2009



N
W E
S

LEGEND

MW-1 ⊕	GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION (DEEP)
MW-5 ⊞	GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION (SHALLOW)
296.90	GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL (Ft/MSL)
296.85 — — —	GROUNDWATER CONTOUR IN FEET ABOVE MEAN SEA LEVEL (Ft/MSL) CONTOUR INTERVAL=0.05 FEET
0.003 ft/ft	APPROXIMATE GROUNDWATER GRADIENT DIRECTION (ft/ft)

0 15 30
SCALE IN FEET

DELTA CONSULTANTS

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

FIGURE 3
GROUNDWATER ELEVATION CONTOUR MAP
(DEEP)
01/05/2009

1801 SANTA RITA ROAD
PLEASANTON, CALIFORNIA

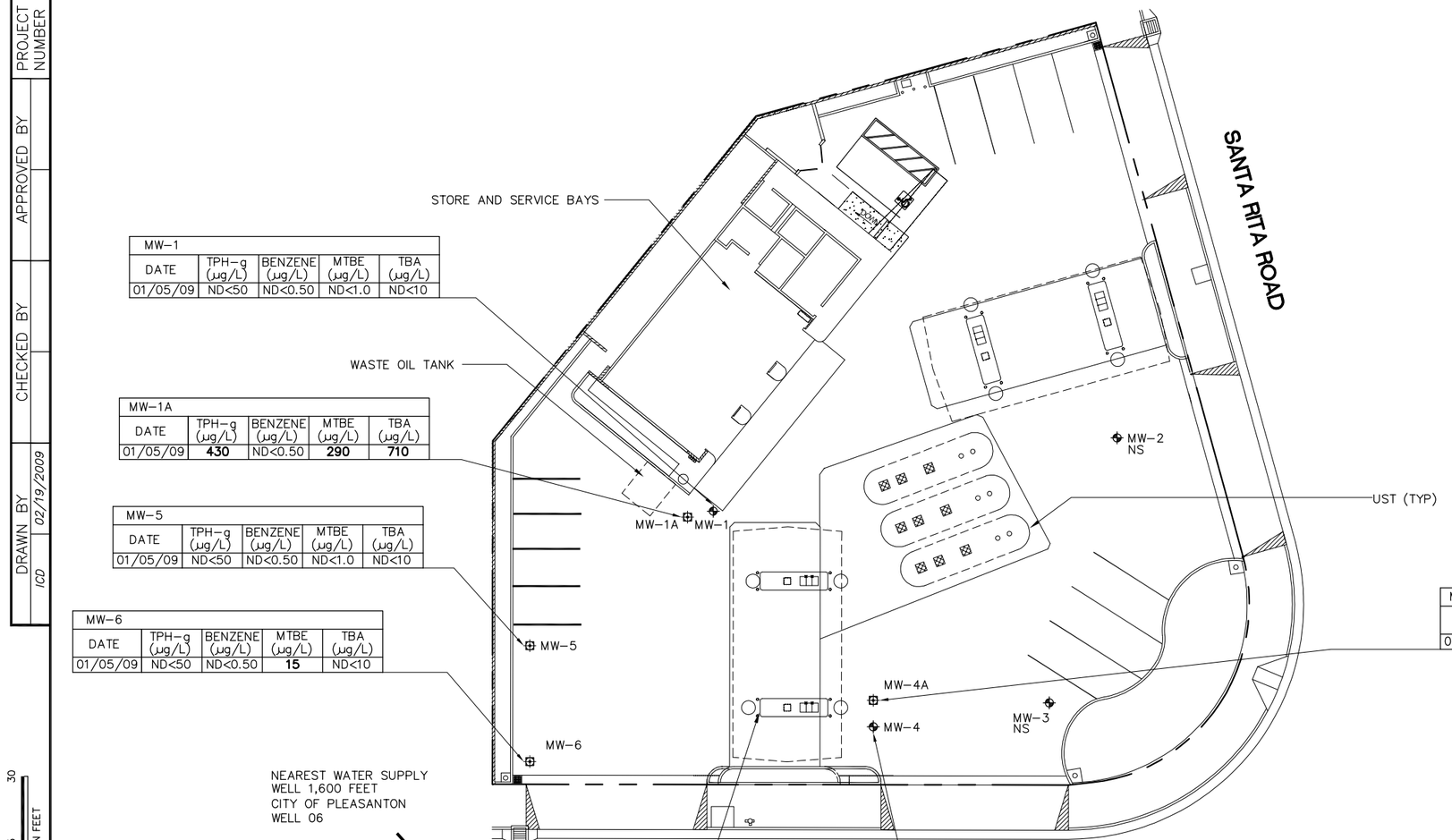
FILENAME: SCA1801S1_09Q1.DWG|FIG3_GWCONTOURS_DEEP

PROJECT NUMBER SCA1801S1

APPROVED BY

CHECKED BY

DRAWN BY ICD 02/19/2009



MW-1				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
01/05/09	ND<50	ND<0.50	ND<1.0	ND<10

MW-1A				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
01/05/09	**430**	ND<0.50	**290**	**710**

MW-5				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
01/05/09	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)
01/05/09	ND<50	ND<0.50	**15**	ND<10

MW-4A				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
01/05/09	**660**	**1.5**	**250**	**1,300**

MW-4				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
01/05/09	ND<50	ND<0.50	ND<1.0	ND<10

N
W E
S

LEGEND

MW-1 ⌖	GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION (DEEP)
MW-5 ⊕	GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION (SHALLOW)
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
NS	NOT SAMPLED

0 15 30
SCALE IN FEET

DELTA CONSULTANTS

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

FIGURE 4
GROUNDWATER HYDROCARBON DISTRIBUTION MAP
01/05/2009

1801 SANTA RITA ROAD
PLEASANTON, CALIFORNIA

FILENAME: SCA1801S1_09Q1.DWG|FIG4_HYDROCARBONS

APPENDIX A

FIELD DATA SHEETS

SHELL WELLHEAD INSPECTION FORM

(FOR SAMPLE TECHNICIAN)

Site Address 1801 Santa Rita Rd. Pleasanton CA Date 1/5/09

Job Number 090105-DR1 Technician DR 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-1A	X	X							
mw-2	X	X							
mw-3	X	X							
mw-4	X	X							
mw-4A	X	X							
mw-5	X	X							
mw-6	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 # 090105-DR2 Date 1/5/09 Client 97615964

Site 1801 Santa Rita Rd. Pleasanton CA.

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Notes
mw-1	1212	4					45.40	91.72		
mw-1A	1216	4					44.85	57.20		
mw-2	1219	4					44.67	93.08		C.O.
mw-3	1222	4					44.79	96.80		C.O.
mw-4	1228	2					44.00	94.12		
mw-4A	1225	4					44.04	54.60		
mw-5	1208	4					44.16	54.38		
mw-6	1205	4					43.86	54.01		

SHELL WELL MONITORING DATA SHEET

BTS #: 090105-DR2	Site: 97615964
Sampler: DR	Date: 1/5/09
Well I.D.: MW-1	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 91.72	Depth to Water (DTW): 45.40
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]: 54.66	

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

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

30.11 (Gals.) X 3 = 90.3 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
1315	54.0	7.1	1258	22	30.1	clear
1321	56.2	7.1	1448	12	60.2	"
1327	56.1	7.1	1473	10	90.3	"

Did well dewater? Yes (No) Gallons actually evacuated: 90.3

Sampling Date: 1/5/09 Sampling Time: 1330 Depth to Water: 45.49

Sample I.D.: MW-1 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

SHELL WELL MONITORING DATA SHEET

BTS #: 090105-DR2	Site: 9761/5964
Sampler: DR	Date: 1/5/09
Well I.D.: MW-1A	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 57.20	Depth to Water (DTW): 44.85
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]: 47.32	

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

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

8.0 (Gals.) X 3 = 24.0 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 (uS))	Turbidity (NTUs)	Gals. Removed	Observations
1455	63.3	7.1	1941	>1000	8.0	cloudy
1457	63.4	7.0	1884	316	16.0	"
1458	63.5	6.9	1856	98	24.0	clear

Did well dewater? Yes (No) Gallons actually evacuated: 24.0

Sampling Date: 1/5/09 Sampling Time: 1505 Depth to Water: 44.92

Sample I.D.: MW-1A 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

SHELL WELL MONITORING DATA SHEET

BTS #: 090105-DR2	Site: 97615964
Sampler: DR	Date: 1/5/09
Well I.D.: MW-4A	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 54.60	Depth to Water (DTW): 44.04
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]: 46.15	

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

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

1 Case Volume		Specified Volumes		Calculated Volume
6.9	(Gals.) X	3	=	20.7 Gals.

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
1517	61.6	6.9	1922	912	6.9	cloudy
1519	61.4	6.9	1850	126	13.8	clear
1520	61.3	6.9	1832	78	20.7	"

Did well dewater? Yes (No) Gallons actually evacuated: 20.7

Sampling Date: 1/5/09 Sampling Time: 1525 Depth to Water: 44.72

Sample I.D.: MW-4A 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

SHELL WELL MONITORING DATA SHEET

BTS #: 040105-DR2	Site: 97615964
Sampler: DR	Date: 1/5/09
Well I.D.: MW-4	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 94.12	Depth to Water (DTW): 44.00
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]: 54.02	

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

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

8.0 (Gals.) X	3 =	24.0 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
1412	59.6	7.2	1409	86	8.0	light cloudy
1422	59.3	7.1	1349	42	16.0	clear
1432	59.2	7.1	1336	18	24.0	"

Did well dewater? Yes (No)		Gallons actually evacuated: 24.0	
Sampling Date: 1/5/09	Sampling Time: 1435	Depth to Water: 44.06	
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

SHELL WELL MONITORING DATA SHEET

BTS #: 040105-DR2	Site: 97615964
Sampler: DR	Date: 1/5/09
Well I.D.: MW-5	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 54.38	Depth to Water (DTW): 44.16
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]: 46.20	

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

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

6.6 (Gals.) X 3 = 19.8 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
1444	58.8	7.5	1912	129 ~~1912~~ DR	6.6	clear
1445	63.3	6.9	1895	77	13.2	"
1446	63.5	6.9	1846	42	19.8	"

Did well dewater? Yes (No) Gallons actually evacuated: 19.8

Sampling Date: 1/5/09 Sampling Time: 1450 Depth to Water: 44.21

Sample I.D.: MW-5 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

SHELL WELL MONITORING DATA SHEET

BTS #: 040105-DR2	Site: 97615964
Sampler: DR	Date: 1/5/09
Well I.D.: MW-6	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 54.61	Depth to Water (DTW): 43.86
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]: 46.01	

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

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

7.0 (Gals.) X 3 = 21.0 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
1344	61.1	7.0	1659	878	7.0	cloudy
1345	63.4	7.0	1660	>1000	14.0	cloudy
1347	63.5	7.1	1662	>1000	21.0	"

Did well dewater? Yes (No) Gallons actually evacuated: 21.0

Sampling Date: 1/5/09 Sampling Time: 1400 Depth to Water: 45.02

Sample I.D.: MW-6 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.
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.

January 19, 2009

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

Subject: **Calscience Work Order No.: 09-01-0295**
Client Reference: 1801 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 1/7/2009 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,

Philip Hanelle for

Calscience Environmental
Laboratories, Inc.
Jessie Kim
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.	Date Received: 01/07/09
1680 Rogers Avenue	Work Order No: 09-01-0295
San Jose, CA 95112-1105	Preparation: EPA 3510C
	Method: EPA 8015B

Project: 1801 Santa Rita Rd., Pleasanton, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-1	**09-01-0295-1-D**	**01/05/09 13:30**	**Aqueous**	**GC 46**	**01/07/09**	**01/13/09 05:03**	**090107B10**

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.
-The sample extract was subjected to Silica Gel treatment prior to analysis.

Parameter	Result	RL	DF	Qual	Units
Diesel Range Organics	300	50	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	85	68-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-1A	**09-01-0295-2-D**	**01/05/09 15:05**	**Aqueous**	**GC 46**	**01/07/09**	**01/13/09 05:18**	**090107B10**

Comment(s): -The sample extract was subjected to Silica Gel treatment prior to analysis.

Parameter	Result	RL	DF	Qual	Units
Diesel Range Organics	ND	50	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	99	68-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-4	**09-01-0295-3-D**	**01/05/09 14:35**	**Aqueous**	**GC 46**	**01/07/09**	**01/13/09 09:49**	**090107B10**

Comment(s): -The sample extract was subjected to Silica Gel treatment prior to analysis.

Parameter	Result	RL	DF	Qual	Units
Diesel Range Organics	ND	50	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	102	68-140	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.	Date Received: 01/07/09
1680 Rogers Avenue	Work Order No: 09-01-0295
San Jose, CA 95112-1105	Preparation: EPA 3510C
	Method: EPA 8015B

Project: 1801 Santa Rita Rd., Pleasanton, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-4A	**09-01-0295-4-D**	**01/05/09 15:25**	**Aqueous**	**GC 46**	**01/07/09**	**01/13/09 05:50**	**090107B10**

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.
-The sample extract was subjected to Silica Gel treatment prior to analysis.

Parameter	Result	RL	DF	Qual	Units
Diesel Range Organics	93	50	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	101	68-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-5	**09-01-0295-5-D**	**01/05/09 14:50**	**Aqueous**	**GC 46**	**01/07/09**	**01/13/09 06:05**	**090107B10**

Comment(s): -The sample extract was subjected to Silica Gel treatment prior to analysis.

Parameter	Result	RL	DF	Qual	Units
Diesel Range Organics	ND	50	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	108	68-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-6	**09-01-0295-6-D**	**01/05/09 14:00**	**Aqueous**	**GC 46**	**01/07/09**	**01/13/09 06:20**	**090107B10**

Comment(s): -The sample extract was subjected to Silica Gel treatment prior to analysis.

Parameter	Result	RL	DF	Qual	Units
Diesel Range Organics	ND	50	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	105	68-140	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 01/07/09
Work Order No: 09-01-0295
Preparation: EPA 3510C
Method: EPA 8015B

Project: 1801 Santa Rita Rd., Pleasanton, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-211-879**	**N/A**	**Aqueous**	**GC 46**	**01/07/09**	**01/13/09 04:16**	**090107B10**

Parameter	Result	RL	DF	Qual	Units
Diesel Range Organics	ND	50	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	102	68-140	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	01/07/09
1680 Rogers Avenue		Work Order No:	09-01-0295
San Jose, CA 95112-1105		Preparation:	EPA 5030B
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/L

Project: 1801 Santa Rita Rd., Pleasanton, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-1A	**09-01-0295-2-A**	**01/05/09 15:05**	**Aqueous**	**GC/MS PP**	**01/11/09**	**01/12/09 04:16**	**090111L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	290	5.0	5	
1,2-Dibromoethane	ND	1.0	1		Tert-Butyl Alcohol (TBA)	710	10	1	
1,2-Dichloroethane	2.3	0.50	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Ethylbenzene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
Toluene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
Xylenes (total)	ND	1.0	1		TPPH	430	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	104	74-140			1,2-Dichloroethane-d4	108	74-146		
Toluene-d8	102	88-112			Toluene-d8-TPPH	103	88-112		
1,4-Bromofluorobenzene	87	74-110							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-4A	**09-01-0295-4-A**	**01/05/09 15:25**	**Aqueous**	**GC/MS PP**	**01/11/09**	**01/12/09 04:42**	**090111L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	1.5	0.50	1		Methyl-t-Butyl Ether (MTBE)	250	5.0	5	
1,2-Dibromoethane	ND	1.0	1		Tert-Butyl Alcohol (TBA)	1300	50	5	
1,2-Dichloroethane	4.7	0.50	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Ethylbenzene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
Toluene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
Xylenes (total)	ND	1.0	1		TPPH	660	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	103	74-140			1,2-Dichloroethane-d4	108	74-146		
Toluene-d8	103	88-112			Toluene-d8-TPPH	104	88-112		
1,4-Bromofluorobenzene	88	74-110							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-5	**09-01-0295-5-A**	**01/05/09 14:50**	**Aqueous**	**GC/MS PP**	**01/11/09**	**01/12/09 05:07**	**090111L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
1,2-Dibromoethane	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
1,2-Dichloroethane	ND	0.50	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Ethylbenzene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
Toluene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
Xylenes (total)	ND	1.0	1		TPPH	ND	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	105	74-140			1,2-Dichloroethane-d4	110	74-146		
Toluene-d8	101	88-112			Toluene-d8-TPPH	102	88-112		
1,4-Bromofluorobenzene	87	74-110							

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	01/07/09
1680 Rogers Avenue		Work Order No:	09-01-0295
San Jose, CA 95112-1105		Preparation:	EPA 5030B
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/L

Project: 1801 Santa Rita Rd., Pleasanton, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-6	**09-01-0295-6-A**	**01/05/09 14:00**	**Aqueous**	**GC/MS PP**	**01/11/09**	**01/12/09 05:33**	**090111L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	15	1.0	1	
1,2-Dibromoethane	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
1,2-Dichloroethane	ND	0.50	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Ethylbenzene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
Toluene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
Xylenes (total)	ND	1.0	1		TPPH	ND	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	106	74-140			1,2-Dichloroethane-d4	111	74-146		
Toluene-d8	100	88-112			Toluene-d8-TPPH	101	88-112		
1,4-Bromofluorobenzene	86	74-110							

Method Blank	**099-12-767-819**	**N/A**	**Aqueous**	**GC/MS PP**	**01/11/09**	**01/12/09 01:18**	**090111L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
1,2-Dibromoethane	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
1,2-Dichloroethane	ND	0.50	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Ethylbenzene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
Toluene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
Xylenes (total)	ND	1.0	1		TPPH	ND	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	103	74-140			1,2-Dichloroethane-d4	107	74-146		
Toluene-d8	100	88-112			Toluene-d8-TPPH	101	88-112		
1,4-Bromofluorobenzene	87	74-110							

Method Blank	**099-12-767-822**	**N/A**	**Aqueous**	**GC/MS UU**	**01/12/09**	**01/12/09 12:52**	**090112L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
1,2-Dibromoethane	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
1,2-Dichloroethane	ND	0.50	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Ethylbenzene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
Toluene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
Xylenes (total)	ND	1.0	1		TPPH	ND	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	98	74-140			1,2-Dichloroethane-d4	100	74-146		
Toluene-d8	98	88-112			Toluene-d8-TPPH	100	88-112		
1,4-Bromofluorobenzene	91	74-110							

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

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 01/07/09
Work Order No: 09-01-0295
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B
Units: ug/L

Project: 1801 Santa Rita Rd., Pleasanton, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-1	**09-01-0295-1-A**	**01/05/09 13:30**	**Aqueous**	**GC/MS PP**	**01/11/09**	**01/12/09 01:44**	**090111L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
Xylenes (total)	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1		TPPH	ND	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	101	74-140			1,2-Dichloroethane-d4	107	74-146		
Toluene-d8	100	88-112			Toluene-d8-TPPH	101	88-112		
1,4-Bromofluorobenzene	87	74-110							

MW-4	**09-01-0295-3-A**	**01/05/09 14:35**	**Aqueous**	**GC/MS PP**	**01/11/09**	**01/12/09 03:51**	**090111L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
Xylenes (total)	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1		TPPH	ND	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	102	74-140			1,2-Dichloroethane-d4	105	74-146		
Toluene-d8	101	88-112			Toluene-d8-TPPH	102	88-112		
1,4-Bromofluorobenzene	88	74-110							

Method Blank	**099-12-767-819**	**N/A**	**Aqueous**	**GC/MS PP**	**01/11/09**	**01/12/09 01:18**	**090111L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
Xylenes (total)	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1		TPPH	ND	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	103	74-140			1,2-Dichloroethane-d4	107	74-146		
Toluene-d8	100	88-112			Toluene-d8-TPPH	101	88-112		
1,4-Bromofluorobenzene	87	74-110							

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

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 01/07/09
Work Order No: 09-01-0295

Project: 1801 Santa Rita Rd., Pleasanton, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix
MW-1A	**09-01-0295-2**	**01/05/09**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
HEM - SGT: Oil and Grease	1.5	1.0	1		mg/L	01/15/09	01/15/09	EPA 1664A

Method Blank			**N/A**		**Aqueous**			
Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
HEM - SGT: Oil and Grease	ND	1.0	1		mg/L	01/15/09	01/15/09	EPA 1664A

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

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

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

Date Received: 01/07/09
Work Order No: 09-01-0295
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project 1801 Santa Rita Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
MW-1	**Aqueous**	**GC/MS PP**	**01/11/09**	**01/12/09**	**090111S02**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	88	91	88-118	3	0-7	
Carbon Tetrachloride	81	85	67-145	5	0-11	
Chlorobenzene	90	95	88-118	5	0-7	
1,2-Dibromoethane	93	98	70-130	5	0-30	
1,2-Dichlorobenzene	89	102	86-116	14	0-8	4
1,1-Dichloroethene	88	91	70-130	4	0-25	
Ethylbenzene	93	99	70-130	6	0-30	
Toluene	91	94	87-123	3	0-8	
Trichloroethene	84	88	79-127	4	0-10	
Vinyl Chloride	75	80	69-129	6	0-13	
Methyl-t-Butyl Ether (MTBE)	96	103	71-131	7	0-13	
Tert-Butyl Alcohol (TBA)	70	81	36-168	15	0-45	
Diisopropyl Ether (DIPE)	94	98	81-123	4	0-9	
Ethyl-t-Butyl Ether (ETBE)	96	102	72-126	6	0-12	
Tert-Amyl-Methyl Ether (TAME)	100	106	72-126	6	0-12	
Ethanol	74	92	53-149	21	0-31	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

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

Date Received: 01/07/09
Work Order No: 09-01-0295
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project 1801 Santa Rita Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
09-01-0290-10	**Aqueous**	**GC/MS UU**	**01/12/09**	**01/12/09**	**090112S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	100	102	88-118	3	0-7	
Carbon Tetrachloride	102	108	67-145	5	0-11	
Chlorobenzene	100	103	88-118	3	0-7	
1,2-Dibromoethane	98	101	70-130	3	0-30	
1,2-Dichlorobenzene	101	104	86-116	3	0-8	
1,1-Dichloroethene	99	104	70-130	5	0-25	
Ethylbenzene	104	107	70-130	3	0-30	
Toluene	101	104	87-123	3	0-8	
Trichloroethene	100	102	79-127	3	0-10	
Vinyl Chloride	86	92	69-129	6	0-13	
Methyl-t-Butyl Ether (MTBE)	101	103	71-131	2	0-13	
Tert-Butyl Alcohol (TBA)	93	101	36-168	7	0-45	
Diisopropyl Ether (DIPE)	104	105	81-123	1	0-9	
Ethyl-t-Butyl Ether (ETBE)	103	104	72-126	1	0-12	
Tert-Amyl-Methyl Ether (TAME)	102	103	72-126	1	0-12	
Ethanol	99	98	53-149	0	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:	09-01-0295
San Jose, CA 95112-1105		Preparation:	EPA 3510C
		Method:	EPA 8015B

Project: 1801 Santa Rita Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-211-879	**Aqueous**	**GC 46**	**01/07/09**	**01/13/09**	**090107B10**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Diesel Range Organics	100	94	75-117	7	0-13	

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: 09-01-0295
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project: 1801 Santa Rita Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-767-819	**Aqueous**	**GC/MS PP**	**01/11/09**	**01/12/09**	**090111L02**

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	101	97	84-120	78-126	5	0-8	
Carbon Tetrachloride	100	97	63-147	49-161	3	0-10	
Chlorobenzene	103	102	89-119	84-124	1	0-7	
1,2-Dibromoethane	101	101	80-120	73-127	0	0-20	
1,2-Dichlorobenzene	105	107	89-119	84-124	2	0-9	
1,1-Dichloroethene	111	106	77-125	69-133	5	0-16	
Ethylbenzene	112	108	80-120	73-127	3	0-20	
Toluene	105	101	83-125	76-132	4	0-9	
Trichloroethene	103	101	89-119	84-124	2	0-8	
Vinyl Chloride	96	92	63-135	51-147	4	0-13	
Methyl-t-Butyl Ether (MTBE)	101	101	82-118	76-124	0	0-13	
Tert-Butyl Alcohol (TBA)	88	89	46-154	28-172	2	0-32	
Diisopropyl Ether (DIPE)	102	100	81-123	74-130	2	0-11	
Ethyl-t-Butyl Ether (ETBE)	101	100	74-122	66-130	1	0-12	
Tert-Amyl-Methyl Ether (TAME)	106	105	76-124	68-132	1	0-10	
Ethanol	108	107	60-138	47-151	1	0-32	
TPPH	82	76	65-135	53-147	7	0-30	

Total number of LCS compounds : 17
Total number of ME compounds : 0
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

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: 09-01-0295
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project: 1801 Santa Rita Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-767-822	**Aqueous**	**GC/MS UU**	**01/12/09**	**01/12/09**	**090112L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	99	99	84-120	78-126	0	0-8	
Carbon Tetrachloride	101	100	63-147	49-161	0	0-10	
Chlorobenzene	100	100	89-119	84-124	1	0-7	
1,2-Dibromoethane	101	98	80-120	73-127	3	0-20	
1,2-Dichlorobenzene	102	100	89-119	84-124	2	0-9	
1,1-Dichloroethene	97	96	77-125	69-133	1	0-16	
Ethylbenzene	103	102	80-120	73-127	1	0-20	
Toluene	101	100	83-125	76-132	1	0-9	
Trichloroethene	100	98	89-119	84-124	2	0-8	
Vinyl Chloride	82	81	63-135	51-147	1	0-13	
Methyl-t-Butyl Ether (MTBE)	106	103	82-118	76-124	3	0-13	
Tert-Butyl Alcohol (TBA)	96	91	46-154	28-172	6	0-32	
Diisopropyl Ether (DIPE)	103	102	81-123	74-130	2	0-11	
Ethyl-t-Butyl Ether (ETBE)	104	103	74-122	66-130	0	0-12	
Tert-Amyl-Methyl Ether (TAME)	104	103	76-124	68-132	2	0-10	
Ethanol	98	91	60-138	47-151	7	0-32	
TPPH	98	95	65-135	53-147	3	0-30	

Total number of LCS compounds : 17
Total number of ME compounds : 0
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

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: 09-01-0295

Project: 1801 Santa Rita Rd., Pleasanton, CA

Matrix: Aqueous

Parameter	Method	Quality Control Sample ID	Date Extracted	Date Analyzed	LCS % REC	LCSD % REC	%REC CL	RPD	RPD CL	Qual
HEM - SGT: Oil and Grease	EPA 1664A	099-05-121-1,237	01/15/09	01/15/09	86	88	64-132	3	0-34	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 09-01-0295

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.
ME	LCS Recovery Percentage is within LCS ME Control Limit range.
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 Oil Products Chain Of Custody Record

LAB (LOCATION)
- [x] CALSCIENCE (_____)
- [ ] SPL (_____)
- [ ] XENCO (_____)
- [ ] TEST AMERICA (_____)
- [ ] OTHER (_____)

Please Check Appropriate Box:
- [x] ENV. SERVICES
- [ ] MOTIVA RETAIL
- [ ] SHELL RETAIL
- [ ] MOTIVA SD&CM
- [ ] CONSULTANT
- [ ] LUBES
- [ ] SHELL PIPELINE
- [ ] OTHER

Print Bill To Contact Name: Denis Brown

PO #:

INCIDENT # (ENV SERVICES): 9 7 6 1 5 9 6 4

SAP #:

- [ ] CHECK IF NO INCIDENT # APPLIES

DATE: 1/5/09

PAGE: 1 of 1

SAMPLING COMPANY	LOG CODE
Blaine Tech Services	BTSS

ADDRESS: 1680 Rogers Ave, San Jose, CA 95112

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

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

SITE ADDRESS: Street and City	State	GLOBAL ID NO
1801 Santa Rita Rd., Pleasanton	CA	T0600144714

EDF DELIVERABLE TO (Name, Company, Office Location)	PHONE NO.	E-MAIL	CONSULTANT PROJECT NO
Jon Suing, Delta, Monrovia Office	626.256.6662	jsuing@deltaenv.com	BTS # 090105-DA2

SAMPLER NAME(S) (Print): D. Raynal

LAB USE ONLY: 09-01-0295

TURNAROUND TIME (CALENDAR DAYS):
- [x] 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 Elisabeth Silver esilver@deltaenv.com with final report

Run TPHd and Total Oil and Grease with Silica Gel Clean Up

- [ ] SHELL CONTRACT RATE APPLIES
- [ ] STATE REIMBURSEMENT RATE APPLIES
- [ ] EDD NOT NEEDED
- [x] RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	TPH - Purgeable (8260B)	TPH - Extractable (8015M)	BTEX (8260B)	5 Oxygenates (8260B)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	TPH oil and grease							TEMPERATURE ON RECEIPT C°	Container PID Readings or Laboratory Notes
1	MW-1	1/5/09	1330	W	X			X		5	X	X	X	X						X	X											
2	MW-1A		1505	W	X		1	X		6	X	X	X	X						X	X			X								
3	MW-4		1435	W	X			X		5	X	X	X	X																	
4	MW-4A		1525	W	X			X		5	X	X	X	X						X	X											
5	MW-5		1450	W	X			X		5	X	X	X	X						X	X											
6	MW-6	↓	1400	W	X			X		5	X	X	X	X						X	X											

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
	(Sample Custodian)	1/5/09	1645
(Sample Custodian)	Tom O'Malley CEL	1/6/09	0955
TO 1-6-09 0830 1730		1/7/09	1000

S110 30999

05/2/06 Revision

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 09-01-0295

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: Blaine Tech

DATE: 01/07/09

TEMPERATURE: (Criteria: 0.0 °C – 6.0 °C, not frozen)

Temperature 2.8 °C - 0.2 °C (CF) = 2.6 °C ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by:_____).

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ **Received at ambient temperature, placed on ice for transport by Courier.**

Ambient Temperature: ☐ Air ☐ Filter ☐ Metals Only ☐ PCBs Only **Initial:** JF

CUSTODY SEALS INTACT:

☐ Cooler ☐_____ ☐ No (Not Intact) ☑ Not Present ☐ N/A **Initial:** JF

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present **Initial:** W.S.C

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and good condition	☑	☐	☐
Correct containers and volume for analyses requested	☑	☐	☐
Analyses received within holding time	☑	☐	☐
Proper preservation noted on COC or sample container	☑	☐	☐
Volatile analysis container(s) free of headspace	☑	☐	☐
Tedlar bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE:

Solid: ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☐Sleeve ☐EnCores® ☐TerraCores® ☐_____

Water: ☐VOA ☑VOAh (2) ☐VOAna_2 ☐125AGB ☐125AGBh ☐125AGBpo_4 ☐1AGB ☐1AGBna_2 ☑1AGBs (2) ☑500AGB ☐500AGBs ☐250CGB ☐250CGBs ☐1PB ☐500PB ☐500PBna ☐250PB ☐250PBn ☐125PB ☐125PBznna ☐100PBsterile ☐100PBna_2 ☐_____ ☐_____ ☐_____

Air: ☐Tedlar® ☐Summa® ☐_____

Checked/Labeled by: W.S.C

Container: C:Clear A:Amber P:Poly/Plastic G:Glass J:Jar B:Bottle

Reviewed by: [illegible]

Preservative: h:HCL n:HNO_3 na_2:$Na_2S_2O_3$ na:NaOH po_4:H_3PO_4 s:H_2SO_4 znna:$ZnAc_2$+NaOH

Scanned by: W.S.C