November 12, 2008
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: THIRD QUARTER 2008 GROUNDWATER MONITORING REPORT
Shell-Branded Service Station
1801 Santa Rita Road
Pleasanton, California

DELTA

Dear Mr. Wickham:

On behalf of Shell Oil Products (SHELL), Delta Consultants (DELTA), has prepared this *Third 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.

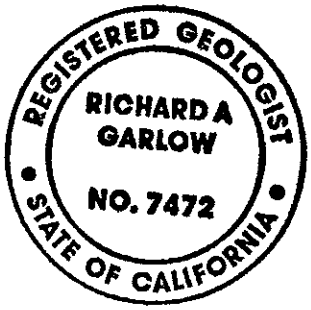
This quarterly report represents DELTA's professional opinions based upon the currently available information and is arrived at in accordance with currently acceptable professional standards. This report is based upon a specific scope of work requested by the client. The Contract between DETLA and its 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.

If you have any questions regarding this site, please contact Ms. Elisabeth Silver (DELTA) at (425) 498-7736 or Mr. Denis Brown (SHELL) at (707) 865-0251.

Sincerely,
Delta Consultants

Elisabeth Silver
Senior Project Manager

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



Attachment: Third Quarter 2008 Groundwater Monitoring Report

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

November 12, 2008

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.:	Elisabeth Silver / (425) 498-7736
Primary Agency / Regulatory ID No.:	Alameda County Environmental Health (ACEH) / Mr. Jerry Wickham
Other Agencies to Receive Copies:	None

WORK PERFORMED THIS QUARTER (THIRD - 2008):

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

WORK PROPOSED FOR NEXT QUARTER (FOURTH - 2008):

1. Quarterly groundwater monitoring and sampling. Submitted 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:	204 gallons were recovered on August 9, 2008
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

November 12, 2008

SHELL QUARTERLY STATUS REPORT (CONT.)

Approximate Depth to Groundwater:	40.48 to 41.90 feet below top of well casing
Groundwater Gradient:	South-west at approximately 0.004 ft/ft in the shallow zone. West-southwest 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:
Monitoring data from well MW-4A to watch for seasonal changes. TPH-G increased in well MW-4A from 400 ug/l to 570 ug/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)	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	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	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	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	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	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	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	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	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	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	342.10	56.51	285.59
MW-1	2/27/2006	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	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	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	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	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	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	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	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	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	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**	**342.10**	**41.90**	**300.20**
MW-1A	2/23/2006	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	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	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	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	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	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	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	341.72	43.72	298.00
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	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	341.72	36.06	305.66

TABLE 1
WELL CONCENTRATIONS
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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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
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	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**	**341.72**	**41.28**	**300.44**
MW-2	12/12/2002	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	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	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	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	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	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	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	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	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	341.57	55.89	285.68
MW-2	2/27/2006	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	341.57	42.56	299.01
MW-2	7/12/2006	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	341.57	44.07	297.50
MW-2	1/19/2007	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	341.57	35.54	306.03
MW-2	7/6/2007	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	341.57	39.77	301.80
MW-2	1/10/2008	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	341.57	35.90	305.67
MW-2	**7/2/2008**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**341.57**	**41.20**	**300.37**
MW-3	12/12/2002	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	85.25	NA
MW-3	3/31/2003	<50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	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	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	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	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	341.65	65.46	276.19

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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2 DCA	EDB	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
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	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	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	341.65	55.97	285.68
MW-3	2/27/2006	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	341.65	42.67	298.98
MW-3	7/12/2006	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	341.65	44.19	297.46
MW-3	1/19/2007	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	341.65	35.72	305.93
MW-3	7/6/2007	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	341.65	39.90	301.75
MW-3	1/10/2008	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	341.65	36.02	305.63
MW-3	**7/2/2008**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**341.65**	**41.35**	**300.30**
MW-4	12/12/2002	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	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	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	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	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	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	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	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	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	340.68	55.05	285.63
MW-4	2/27/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	340.68	44.49	296.19
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	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	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	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	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	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	340.68	42.75	297.93

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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
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	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	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	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**	**340.68**	**40.53**	**300.15**
MW-4A	2/23/2006	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	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	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	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	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	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	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	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	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	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	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**	**340.77**	**40.48**	**300.29**
MW-5	2/23/2006	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	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	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	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	340.86	43.46	297.40
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	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	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	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	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	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	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**	**340.86**	**40.66**	**300.20**
MW-6	9/12/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	42.20	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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
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	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	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	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	340.34	34.95	305.39
MW-6	**7/2/2008**	**Well Inaccessible**		**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**340.34**	**NA**	**NA**

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)	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.

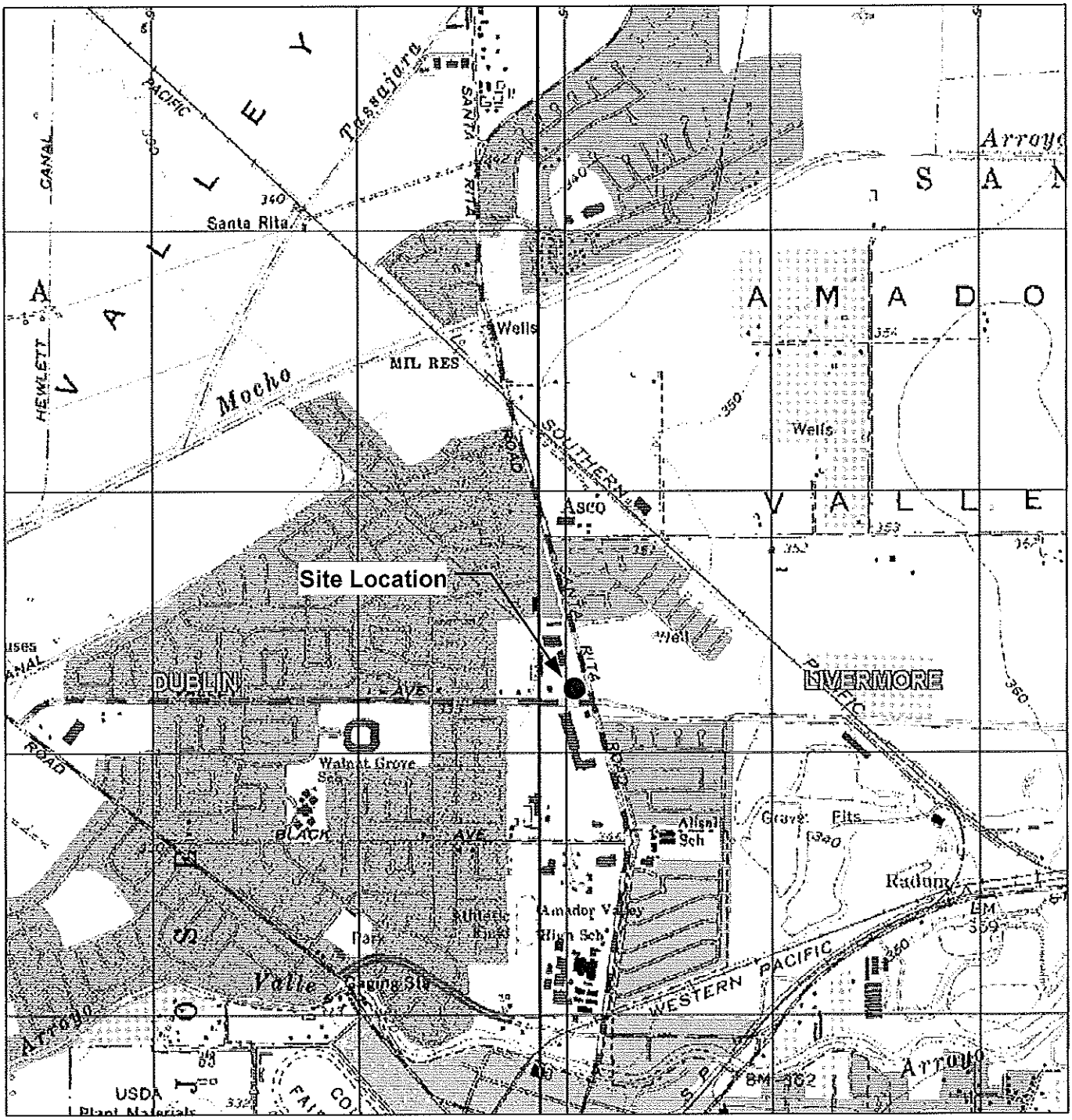
k = The sample extract was subjected to Silica Gel treatment prior to analysis.

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

QUADRANGLE LOCATION

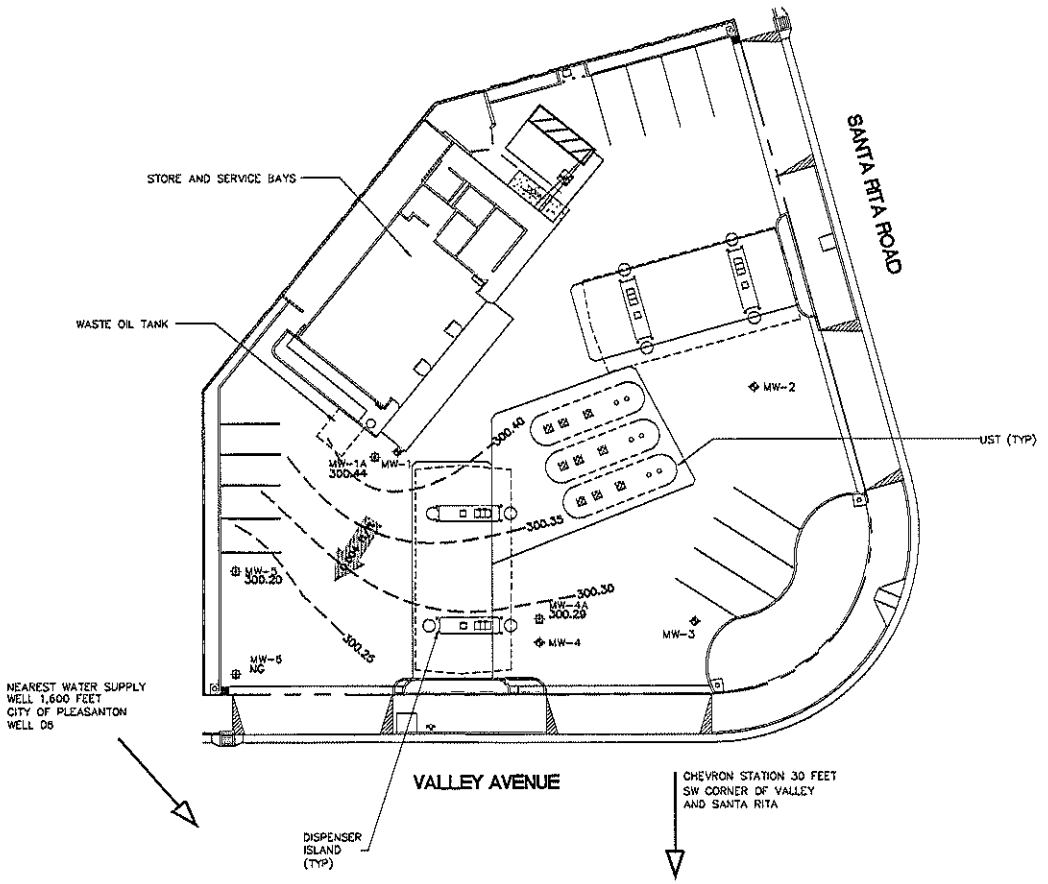
0 1,800 3,600
Scale, Feet

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.



N
W E
S

LEGEND

MW-1 ✥	GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION (DEEP)
MW-5 ⊕	GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION (SHALLOW)
300.44	GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL (Ft/MSL)
300.25	GROUNDWATER CONTOUR IN FEET ABOVE MEAN SEA LEVEL (Ft/MSL) CONTOUR INTERVAL=0.05 FEET
0.004 ft/ft	APPROXIMATE GROUNDWATER GRADIENT DIRECTION (ft/ft)
NG	NOT GAUGED

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT NUMBER
RD 08/26/2008			SCA1801S1

0 15 30
SCALE IN FEET

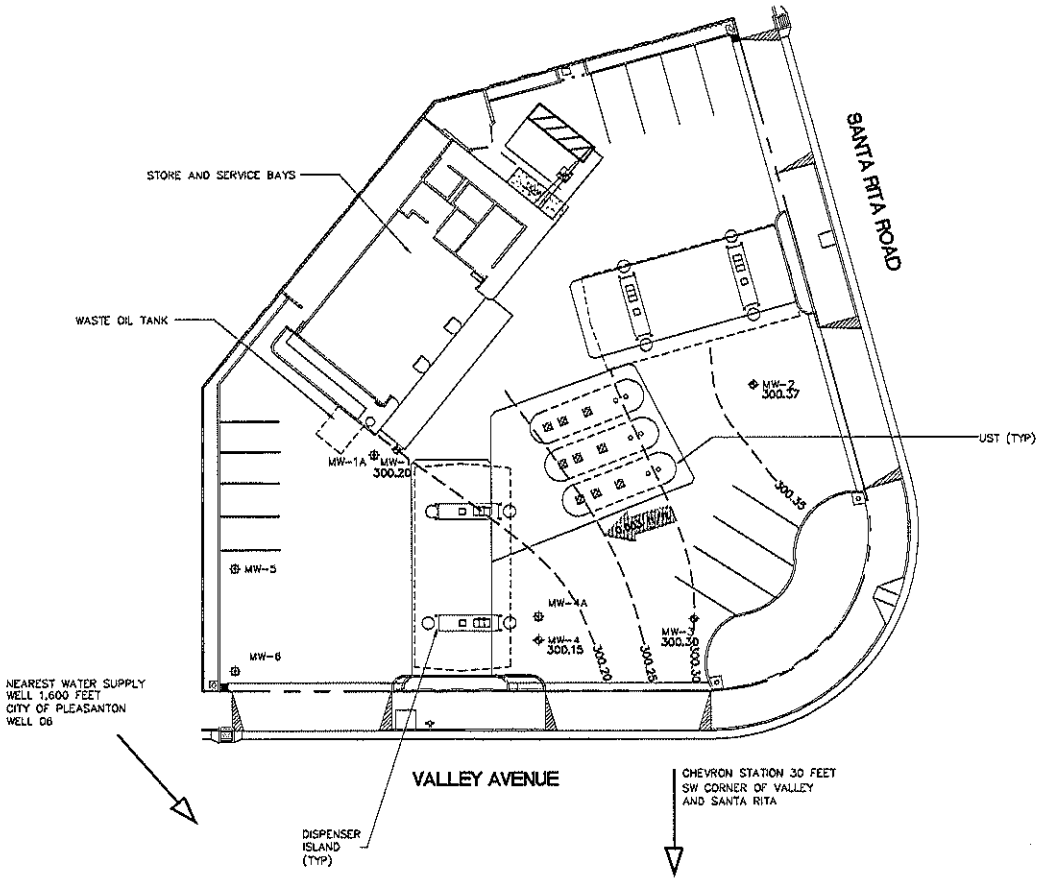
DELTA CONSULTANTS

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

FIGURE 2
GROUNDWATER ELEVATION CONTOUR MAP
(SHALLOW)
07/02/2008

1801 SANTA RITA ROAD
PLEASANTON, CALIFORNIA

FILENAME: SCA1801S1_0803.DWG\FIG2_GWCONTOURS_SHALLOW



N
W E
S

LEGEND

MW-1 ⊕	GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION (DEEP)
MW-5 ⊕	GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION (SHALLOW)
300.37	GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL (Ft/MSL)
300.25	GROUNDWATER CONTOUR IN FEET ABOVE MEAN SEA LEVEL (Ft/MSL) CONTOUR INTERVAL=0.02 FEET
0.005 ft/ft	APPROXIMATE GROUNDWATER GRADIENT DIRECTION (ft/ft)

PROJECT NUMBER	APPROVED BY	CHECKED BY	DRAWN BY
SCA1801S1			RCD 08/26/2008

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)
07/02/2008
1801 SANTA RITA ROAD
PLEASANTON, CALIFORNIA

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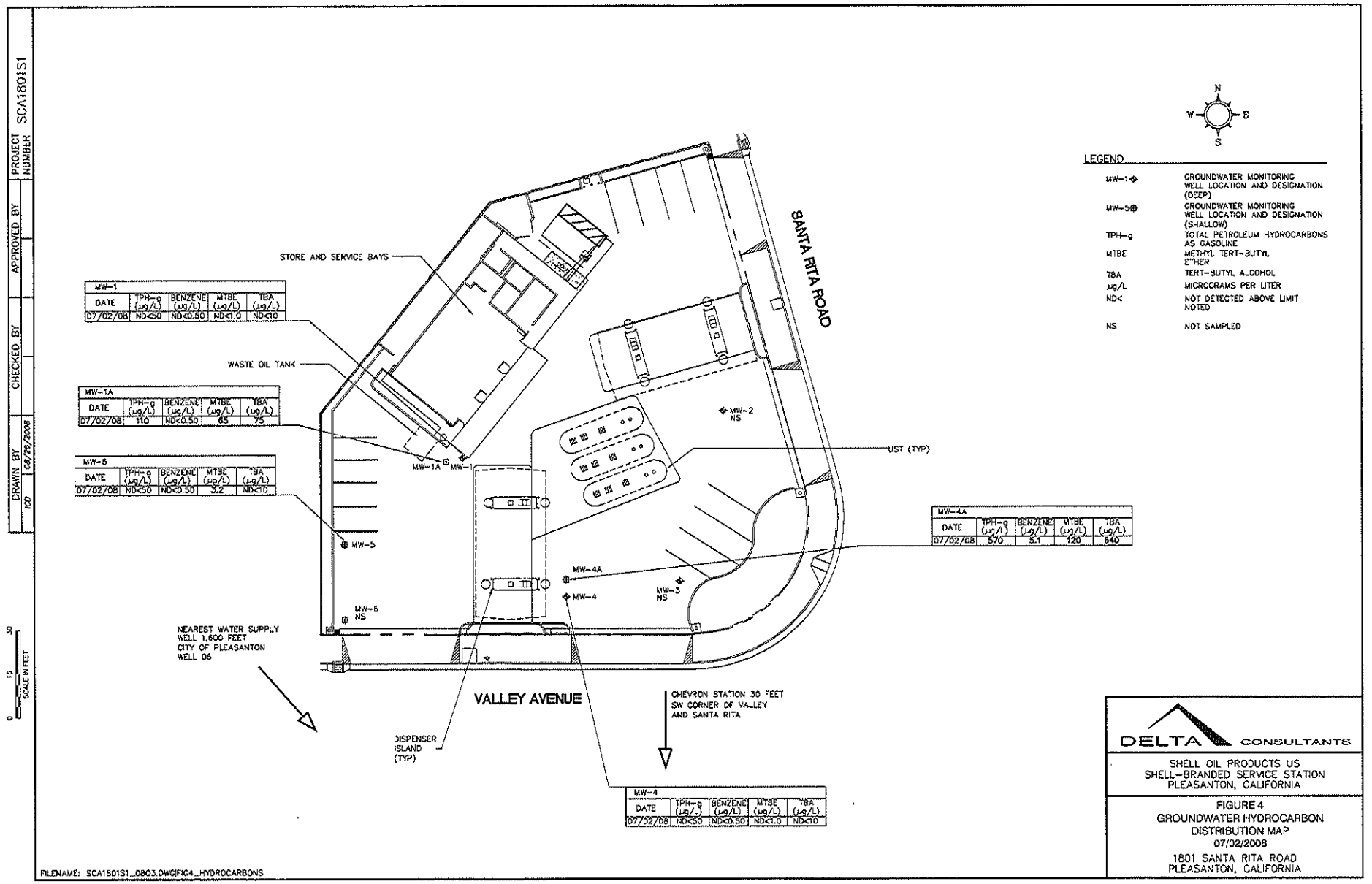
PROJECT NUMBER SCA1801S1
APPROVED BY
CHECKED BY
DRAWN BY ICD 08/26/2008
SCALE IN FEET 0 15 30
N
W E
S
LEGEND
MW-1 GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION (DEEP)
MW-5 GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION (SHALLOW)
TPH-g TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
MTBE METHYL TERT-BUTYL ETHER
TBA TERT-BUTYL ALCOHOL
µg/L MICROGRAMS PER LITER
ND< NOT DETECTED ABOVE LIMIT NOTED
NS NOT SAMPLED
STORE AND SERVICE BAYS
WASTE OIL TANK
SANTA RITA ROAD
UST (TYP)
MW-1
MW-1A
MW-2 NS
MW-3 NS
MW-4
MW-4A
MW-5
MW-5 NS
DISPENSER ISLAND (TYP)
VALLEY AVENUE
NEAREST WATER SUPPLY WELL 1,600 FEET CITY OF PLEASANTON WELL 06
CHEVRON STATION 30 FEET SW CORNER OF VALLEY AND SANTA RITA
MW-1
DATE | TPH-g (µg/L) | BENZENE (µg/L) | MTBE (µg/L) | TBA (µg/L)
07/02/08 | ND<50 | ND<0.50 | ND<1.6 | ND<10
MW-1A
DATE | TPH-g (µg/L) | BENZENE (µg/L) | MTBE (µg/L) | TBA (µg/L)
07/02/08 | 110 | ND<0.50 | 65 | 75
MW-5
DATE | TPH-g (µg/L) | BENZENE (µg/L) | MTBE (µg/L) | TBA (µg/L)
07/02/08 | ND<50 | ND<0.50 | 3.2 | ND<10
MW-4A
DATE | TPH-g (µg/L) | BENZENE (µg/L) | MTBE (µg/L) | TBA (µg/L)
07/02/08 | 370 | 5.1 | 120 | 840
MW-4
DATE | TPH-g (µg/L) | BENZENE (µg/L) | MTBE (µg/L) | TBA (µg/L)
07/02/08 | ND<50 | ND<0.50 | ND<1.0 | ND<10
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SHELL-BRANDED SERVICE STATION
PLEASANTON, CALIFORNIA
FIGURE 4
GROUNDWATER HYDROCARBON DISTRIBUTION MAP
07/02/2008
1801 SANTA RITA ROAD
PLEASANTON, CALIFORNIA
FILENAME: SCA1801S1_0803.DWG|FIG4_HYDROCARBONS

APPENDIX A

FIELD DATA SHEETS

SHELL WELLHEAD INSPECTION FORM

(FOR SAMPLE TECHNICIAN)

Site Address 1801 Santa Rita Rd Date 07.02.08

Job Number 080702-MT1 Technician M. Todi 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							G.O.
MW-3	X	X							G.O.
MW-4	X	X							
MW-4A	X	X							
MW-5	X	X							
MW-6	Parked over								

*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 # 080702-MT1 Date 07.02.08 Client Shell

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	848	4					41.90	91.70		
MW-1A	8:59	4					41.28	57.20		
MW-2	8:31	4					41.20	93.15		G.O.
MW-3	838	4					41.35	96.80		G.O.
MW-4	842	2					40.53	94.30		
MW-4A	09:05	4					40.48	54.63		
MW-5	8:54	4					40.66	54.35		
MW-6	~~8:55~~	Parked Over								

SHELL WELL MONITORING DATA SHEET

BTS #: 080702-MT1	Site: 97615964
Sampler: MT	Date: 07·02·08
Well I.D.: MW-1	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 91.70	Depth to Water (DTW): 41.90
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]: 51.86	

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: ___

32 (Gals.) X 3 = 96 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
1010	68.2	7.16	1229	50.3	32	
1016	66.2	7.01	1237	26.4	64	
1022	65.7	7.00	1241	19.5	96	

Did well dewater? Yes (No) Gallons actually evacuated: 96

Sampling Date: 07.02.08 Sampling Time: 1030 Depth to Water: 42.68

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

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 080702-MT1	Site: 97615964
Sampler: MT	Date: 07·02·08
Well I.D.: MW-1A	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 57.20	Depth to Water (DTW): 41.28
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]: 44.46	

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: ___

10 (Gals.) X 3 = 30 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
1116	69.1	7.08	1475	273	10	
1118	67.9	6.97	1447	98.3	20	
1120	67.6	6.97	1435	53.8	30	

Did well dewater? Yes (No) Gallons actually evacuated: 30

Sampling Date: 07·02·08 Sampling Time: 1132 Depth to Water: 41.40

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 #: 080702-MT1	Site: 97615964
Sampler: MT	Date: 07·02·08
Well I.D.: MW-4	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 94.30	Depth to Water (DTW): 41.53
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]: 52.08	

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

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

8 (Gals.)	X	3	=	24 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
933	69.7	7.10	1189	77.5	8	
940	68.6	7.05	1183	116	16	
947	68.1	7.12	1182	156	24	

Did well dewater? Yes (No) Gallons actually evacuated: 24

Sampling Date: 07·02·08 Sampling Time: 0955 Depth to Water: 48.12

Sample I.D.: MW-4 Laboratory: STL Other CAL SCIENCE

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 080702-MT1	Site: 97615964
Sampler: MT	Date: 07·02·08
Well I.D.: MW-4A	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 54.63	Depth to Water (DTW): 40.48
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]: 43.31	

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	(Gals.) X	Specified Volumes	=	Calculated Volume	Gals.
9		3		27	

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
1158	70.4	6.77	1705	471	9	
1159	69.1	6.88	1483	124	18	
1201	69.1	6.91	1456	70.4	27	

Did well dewater? Yes (No) Gallons actually evacuated: 27

Sampling Date: 07.02.08 Sampling Time: 1211 Depth to Water: 40.82

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 #: 080702-MT-1	Site: 97615964
Sampler: MT	Date: 07·02·08
Well I.D.: MW-5	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 54.35	Depth to Water (DTW): 40.66
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]: 43.39	

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: _____

9 (Gals.) X	3	=	27 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
1044	68.7	7.03	1551	989	9	
1046	68.2	7.00	1593	539	18	
1048	68.1	6.96	1548	251	27	

Did well dewater? Yes (No) Gallons actually evacuated: 27

Sampling Date: 07.02.08 Sampling Time: 1057 Depth to Water: 40.80

Sample I.D.: MW-5 Laboratory: STL Other CAL SCIENCE

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

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

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

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

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.

July 22, 2008

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

Subject: **Calscience Work Order No.: 08-07-0572**
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 7/8/2008 and analyzed in accordance with the attached chain-of-custody.

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

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

Sincerely,

Calscience Environmental
Laboratories, Inc.
Jessie Kim
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.	Date Received:	07/08/08
1680 Rogers Avenue	Work Order No:	08-07-0572
San Jose, CA 95112-1105	Preparation:	N/A
	Method:	EPA 1664A

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	**08-07-0572-2-F**	**07/02/08 11:32**	**Aqueous**	**N/A**	**07/09/08**	**07/09/08 14:00**	**80709HEML2**

Parameter	Result	RL	DF	Qual	Units
HEM - SGT: Oil and Grease	3.0	1.0	1		mg/L

Method Blank	099-05-121-1,209	N/A	Aqueous	N/A	07/09/08	07/09/08 14:00	80709HEML2

Parameter	Result	RL	DF	Qual	Units
HEM - SGT: Oil and Grease	ND	1.0	1		mg/L

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	07/08/08
1680 Rogers Avenue		Work Order No:	08-07-0572
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	08-07-0572-1-D	07/02/08 10:30	Aqueous	GC 27	07/08/08	07/09/08 23:50	080708B12

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	84	50	1		ug/L

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

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-1A	08-07-0572-2-D	07/02/08 11:32	Aqueous	GC 27	07/08/08	07/10/08 00:09	080708B12

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	200	50	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	123	68-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-4	08-07-0572-3-D	07/02/08 09:55	Aqueous	GC 27	07/08/08	07/10/08 00:28	080708B12

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	59	50	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	103	68-140	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	07/08/08
1680 Rogers Avenue		Work Order No:	08-07-0572
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	**08-07-0572-4-D**	**07/02/08 12:11**	**Aqueous**	**GC 27**	**07/08/08**	**07/10/08 00:47**	**080708B12**

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	110	50	1		ug/L
Surrogates:	**REC (%)**	**Control Limits**		**Qual**	
Decachlorobiphenyl	103	68-140			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-5	**08-07-0572-5-D**	**07/02/08 10:57**	**Aqueous**	**GC 27**	**07/08/08**	**07/10/08 01:05**	**080708B12**

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			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-211-514**	**N/A**	**Aqueous**	**GC 27**	**07/08/08**	**07/09/08 22:53**	**080708B12**

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:	07/08/08
1680 Rogers Avenue	Work Order No:	08-07-0572
San Jose, CA 95112-1105	Preparation:	EPA 5030B
	Method:	LUFT GC/MS / EPA 8260B
	Units:	ug/L

Project: 1801 Santa Rita Rd., Pleasanton, CA — Page 1 of 1

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-1	**08-07-0572-1-A**	**07/02/08 10:30**	**Aqueous**	**GC/MS T**	**07/11/08**	**07/11/08 14:05**	**080711L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	ND	50	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
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	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	93	70-130			1,4-Bromofluorobenzene-TPPH	90	70-130		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-4	**08-07-0572-3-A**	**07/02/08 09:55**	**Aqueous**	**GC/MS T**	**07/11/08**	**07/11/08 15:30**	**080711L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	ND	50	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
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	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	91	70-130			1,4-Bromofluorobenzene-TPPH	90	70-130		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-715-601**	**N/A**	**Aqueous**	**GC/MS T**	**07/11/08**	**07/11/08 13:37**	**080711L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	ND	50	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
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	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	94	70-130			1,4-Bromofluorobenzene-TPPH	91	70-130		

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.	Date Received:	07/08/08
1680 Rogers Avenue	Work Order No:	08-07-0572
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	**08-07-0572-2-A**	**07/02/08 11:32**	**Aqueous**	**GC/MS PP**	**07/12/08**	**07/12/08 21:22**	**080712L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	65	1.0	1	
1,2-Dibromoethane	ND	1.0	1		Tert-Butyl Alcohol (TBA)	75	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	
p/m-Xylene	ND	1.0	1		TPPH	110	50	1	
o-Xylene	ND	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	119	74-140		1,2-Dichloroethane-d4	129	74-146	
Toluene-d8	101	88-112		Toluene-d8-TPPH	102	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-4A	**08-07-0572-4-A**	**07/02/08 12:11**	**Aqueous**	**GC/MS PP**	**07/12/08**	**07/12/08 21:47**	**080712L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	5.1	0.50	1		Methyl-t-Butyl Ether (MTBE)	120	1.0	1	
1,2-Dibromoethane	ND	1.0	1		Tert-Butyl Alcohol (TBA)	640	10	1	
1,2-Dichloroethane	7.6	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	
p/m-Xylene	ND	1.0	1		TPPH	570	50	1	
o-Xylene	ND	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	111	74-140		1,2-Dichloroethane-d4	118	74-146	
Toluene-d8	102	88-112		Toluene-d8-TPPH	104	88-112	
1,4-Bromofluorobenzene	93	74-110					

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	07/08/08
1680 Rogers Avenue		Work Order No:	08-07-0572
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-5	**08-07-0572-5-A**	**07/02/08 10:57**	**Aqueous**	**GC/MS PP**	**07/12/08**	**07/12/08 22:12**	**080712L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	3.2	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	
p/m-Xylene	ND	1.0	1		TPPH	ND	50	1	
o-Xylene	ND	1.0	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	115	74-140			1,2-Dichloroethane-d4	127	74-146		
Toluene-d8	102	88-112			Toluene-d8-TPPH	103	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
Method Blank	**099-12-767-70**	**N/A**	**Aqueous**	**GC/MS PP**	**07/12/08**	**07/12/08 13:48**	**080712L01**

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	
p/m-Xylene	ND	1.0	1		TPPH	ND	50	1	
o-Xylene	ND	1.0	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	113	74-140			1,2-Dichloroethane-d4	120	74-146		
Toluene-d8	101	88-112			Toluene-d8-TPPH	103	88-112		
1,4-Bromofluorobenzene	91	74-110							

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: 07/08/08
Work Order No: 08-07-0572
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 T**	**07/11/08**	**07/11/08**	**080711S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	87	95	70-130	9	0-30	
Ethylbenzene	87	96	70-130	10	0-30	
Toluene	88	98	70-130	11	0-30	
p/m-Xylene	84	94	70-130	11	0-30	
o-Xylene	87	98	70-130	11	0-30	
Methyl-t-Butyl Ether (MTBE)	98	107	70-130	9	0-30	
Tert-Butyl Alcohol (TBA)	110	116	70-130	5	0-30	
Diisopropyl Ether (DIPE)	93	102	70-130	9	0-30	
Ethyl-t-Butyl Ether (ETBE)	95	104	70-130	9	0-30	
Tert-Amyl-Methyl Ether (TAME)	92	101	70-130	9	0-30	
Ethanol	82	94	70-130	14	0-30	

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: 07/08/08
Work Order No: 08-07-0572
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
08-07-0558-1	Aqueous	GC/MS PP	07/12/08	07/12/08	080712S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	93	94	88-118	2	0-7	
Carbon Tetrachloride	97	99	67-145	2	0-11	
Chlorobenzene	96	100	88-118	4	0-7	
1,2-Dibromoethane	99	102	70-130	3	0-30	
1,2-Dichlorobenzene	94	100	86-116	6	0-8	
1,1-Dichloroethene	93	96	70-130	3	0-25	
Ethylbenzene	101	104	70-130	3	0-30	
Toluene	95	97	87-123	2	0-8	
Trichloroethene	95	94	79-127	1	0-10	
Vinyl Chloride	94	102	69-129	8	0-13	
Methyl-t-Butyl Ether (MTBE)	102	107	71-131	5	0-13	
Tert-Butyl Alcohol (TBA)	87	96	36-168	10	0-45	
Diisopropyl Ether (DIPE)	105	107	81-123	2	0-9	
Ethyl-t-Butyl Ether (ETBE)	105	108	72-126	3	0-12	
Tert-Amyl-Methyl Ether (TAME)	108	110	72-126	3	0-12	
Ethanol	83	91	53-149	10	0-31	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Blaine Tech Services, Inc.		Date Received:	N/A
1680 Rogers Avenue		Work Order No:	08-07-0572
San Jose, CA 95112-1105		Preparation:	N/A
		Method:	EPA 1664A

Project: 1801 Santa Rita Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-05-121-1,209	Aqueous	N/A	07/09/08	07/09/08	80709HEML2

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
HEM - SGT: Oil and Grease	77	90	64-132	16	0-34	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Blaine Tech Services, Inc.		Date Received:	N/A
1680 Rogers Avenue		Work Order No:	08-07-0572
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
099-12-211-514	Aqueous	GC 27	07/08/08	07/09/08	080708B12

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Diesel Range Organics	96	92	75-117	4	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: 08-07-0572
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
099-12-715-601	Aqueous	GC/MS T	07/11/08	07/11/08	080711L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPPH	95	95	65-135	0	0-30	
Benzene	94	94	70-130	1	0-30	
Ethylbenzene	96	96	70-130	1	0-30	
Toluene	98	97	70-130	1	0-30	
p/m-Xylene	99	98	70-130	2	0-30	
o-Xylene	100	98	70-130	2	0-30	
Methyl-t-Butyl Ether (MTBE)	110	114	70-130	3	0-30	
Tert-Butyl Alcohol (TBA)	119	124	70-130	4	0-30	
Diisopropyl Ether (DIPE)	101	103	70-130	2	0-30	
Ethyl-t-Butyl Ether (ETBE)	106	109	70-130	3	0-30	
Tert-Amyl-Methyl Ether (TAME)	103	106	70-130	3	0-30	
Ethanol	89	94	70-130	5	0-30	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Blaine Tech Services, Inc.	Date Received:	N/A
1680 Rogers Avenue	Work Order No:	08-07-0572
San Jose, CA 95112-1105	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
099-12-767-70	Aqueous	GC/MS PP	07/12/08	07/12/08	080712L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	95	93	84-120	2	0-8	
Carbon Tetrachloride	99	95	63-147	4	0-10	
Chlorobenzene	98	96	89-119	2	0-7	
1,2-Dibromoethane	100	100	80-120	0	0-20	
1,2-Dichlorobenzene	95	97	89-119	1	0-9	
1,1-Dichloroethene	95	93	77-125	1	0-16	
Ethylbenzene	102	99	80-120	3	0-20	
Toluene	97	95	83-125	2	0-9	
Trichloroethene	98	97	89-119	0	0-8	
Vinyl Chloride	97	97	63-135	1	0-13	
Methyl-t-Butyl Ether (MTBE)	103	102	82-118	1	0-13	
Tert-Butyl Alcohol (TBA)	88	89	46-154	1	0-32	
Diisopropyl Ether (DIPE)	105	103	81-123	2	0-11	
Ethyl-t-Butyl Ether (ETBE)	106	106	74-122	0	0-12	
Tert-Amyl-Methyl Ether (TAME)	107	109	76-124	2	0-10	
Ethanol	76	84	60-138	9	0-32	
TPPH	97	97	65-135	1	0-30	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 08-07-0572

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	A Marginal Exceedance (ME) is defined as a LCS percent recovery beyond the normal 3 standard deviation Control Limits but still within the marginal exceedance limits (set at 4 standard deviations from the mean)
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

INCIDENT # (ENV SERVICES): 9 7 6 1 5 9 6 4 — [ ] CHECK IF NO INCIDENT # APPLIES

DATE: 07-02-08

PAGE: 1 of 1

PO #:

SAP #:

SAMPLING COMPANY: Blaine Tech Services	LOG CODE: BTSS	SITE ADDRESS: Street and City: 1801 Santa Rita Rd., Pleasanton	State: CA
GLOBAL ID NO.: T0600144714			
ADDRESS: 1680 Rogers Ave, San Jose, CA 95112		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: BTS # 080702-MT1		
PROJECT CONTACT (Hardcopy or PDF Report to): Michael Ninokata		SAMPLER NAME(S) (Print): M. Todi	LAB USE ONLY: 08-07-0592
TELEPHONE: (408)573-0555	FAX: (408)573-7771	E-MAIL: mninokata@blainetech.com	

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 Ellsabeth 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)	Total Oil & Grease	TEMPERATURE ON RECEIPT C° / Container PID Readings or Laboratory Notes
1	MW-1	07-02-08	1030	W	3			2		5	X	X	X	X											
2	MW-1A		1132		3		1	2		6	X	X	X	X					X	X	X			X	
3	MW-4		0955		3			2		5	X	X	X	X											
4	MW-4A		1214		3			2		5	X	X	X	X					X	X	X				
5	MW-5		0957		3			2		5	X	X	X	X					X	X	X				

Relinquished by: (Signature)	Received by: (Signature) (Sample custodian)	Date: 07-02-08	Time: 1700
Relinquished by: (Signature) (Sample Custodian)	Received by: (Signature) Tom O'Malley CEL	Date: 7/3/08	Time: 1450
Relinquished by: (Signature) 1730 Tom O'Malley TO GSO 7/7/08	Received by: (Signature) CA	Date: 7/8/08	Time: 1030

05/2/06 Revision

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 08 - 07 - 0572

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: BTS DATE: 7-8-08

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 (For Air & Filter Only).
___.___ °C Temperature blank.

LABORATORY (Other than Calscience Courier):

___.___ °C Temperature blank.
3.6 °C IR Thermometer.
_____ Ambient temperature (For Air & Filter Only).

Initial: WB

CUSTODY SEAL INTACT:

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

Initial: WB

SAMPLE CONDITION:

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

Initial: WB

COMMENTS: