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Alameda County
Environmental Health

May 8, 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: FIRST QUARTER 2008 GROUNDWATER MONITORING
REPORT
Shell-Branded Service Station
1801 Santa Rita Road
Pleasanton, California**



Dear Mr. Wickham:

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

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

a member of:



Mr. Jerry Wickham
Alameda County Health Care Services Agency
May 8, 2008
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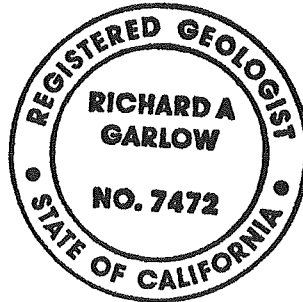
If you have any questions regarding this site, please contact Ms. Elisabeth Silver (DELTA) at (425) 498-7736 or Mr. Denis Brown (SHELL) at (707) 865-0251.

Sincerely,
Delta Consultants

Elisabeth Silver
Senior Project Manager



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



Attachment: First Quarter 2008 Groundwater Monitoring Report

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

SHELL QUARTERLY STATUS REPORT

Station Address:	1801 Santa Rita Road, Pleasanton, CA
DELTA Project No.:	SJ1801S1X
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 (FIRST - 2008):

1. Quarterly groundwater monitoring and sampling. Submitted quarterly report.
2. Submitted work plan for additional borings

WORK PROPOSED FOR NEXT QUARTER (SECOND - 2008):

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

Current Phase of Project:	Groundwater monitoring.
Site Use:	Shell-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):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Cumulative SPH Recovered to Date:	NA
SPH Recovered This Quarter :	None
Cumulative Groundwater Recovered to Date:	NA
Groundwater Recovered This Quarter:	289.2 gallons were recovered on January 10, 2007
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 8, 2008

SHELL QUARTERLY STATUS REPORT (CONT.)

Approximate Depth to Groundwater:	38.63 to 40.39 feet below top of well casing
Groundwater Gradient:	South-southwest at approximately 0.01 ft/ft in the shallow zone. South-southwest at approximately 0.002 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:	TPH-G decreased in Well MW-4A from 400 micrograms per liter (ug/l) last quarter to 200 ug/l.
Discussion:	
Monitoring data from well MW-4A to watch for seasonal changes.	

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 – 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)	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	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	<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	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	<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	<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	<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	<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	<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	<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	<5.0	342.10	56.51	285.59
MW-1	2/27/2006	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	<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	<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	<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	<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	<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	<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	<10	342.10	40.39	301.71
MW-1	1/10/2008	<50 i	<50k	<0.50	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	<10	342.10	36.57	305.53
MW-1A	2/23/2006	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	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	<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	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	<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	24	341.72	38.94	302.78

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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-1A	4/3/2007	<50 i	210 c	0.74	<1.0	<1.0	<1.0	14	<2.0	<2.0	<2.0	<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	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	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	<10	341.72	36.06	305.66
MW-2	12/12/2002	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	<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	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	<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	<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	<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	<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	<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	<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	<5.0	341.57	55.89	285.68
MW-2	2/27/2006	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	<10.0	341.57	42.56	299.01
MW-2	7/12/2006	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	341.57	44.07	297.50
MW-2	1/19/2007	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	<10	341.57	35.54	306.03
MW-2	7/6/2007	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	341.57	39.77	301.80
MW-2	1/10/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	341.57	35.95	305.62
MW-3	12/12/2002	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	<50	NA	85.25	NA

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MW-3	3/31/2003	<50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	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	<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	<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	<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	<5.0	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	<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	<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	<5.0	341.65	55.97	285.68
MW-3	2/27/2006	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	20.2	341.65	42.67	298.98
MW-3	7/12/2006	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	341.65	44.19	297.46
MW-3	1/19/2007	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	<10	341.65	35.72	305.93
MW-3	7/6/2007	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	341.65	39.90	301.75
MW-3	1/10/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	341.65	36.12	305.53

MW-4	12/12/2002	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	<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	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	<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	<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	<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	<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	<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	<5.0	340.68	54.53	286.15

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MW-4	10/20/2005	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	<5.0	340.68	55.05	285.63
MW-4	2/27/2006	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	<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	<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	<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	<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	<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	<10	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	<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	<10	340.68	35.22	305.46

MW-4A	2/23/2006	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	<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	<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	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	<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	<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	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	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	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	310	340.77	35.20	305.57

MW-5	2/23/2006	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	<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	<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	<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	<10.0	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)	TBA (ug/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	<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	<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	<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	<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	<10	340.86	35.30	305.56

MW-6	9/12/2007	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	<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	<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	<10	340.34	35.29	305.05

**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)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
---------	------	----------------	----------------	-------------	-------------	-------------	-------------	------------------------	----------------	----------------	----------------	---------------	--------------	----------------------------	--------------------------

Abbreviations:

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

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

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

MTBE = Methyl tertiary butyl ether

DIPE = Di-isopropyl ether

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)	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.

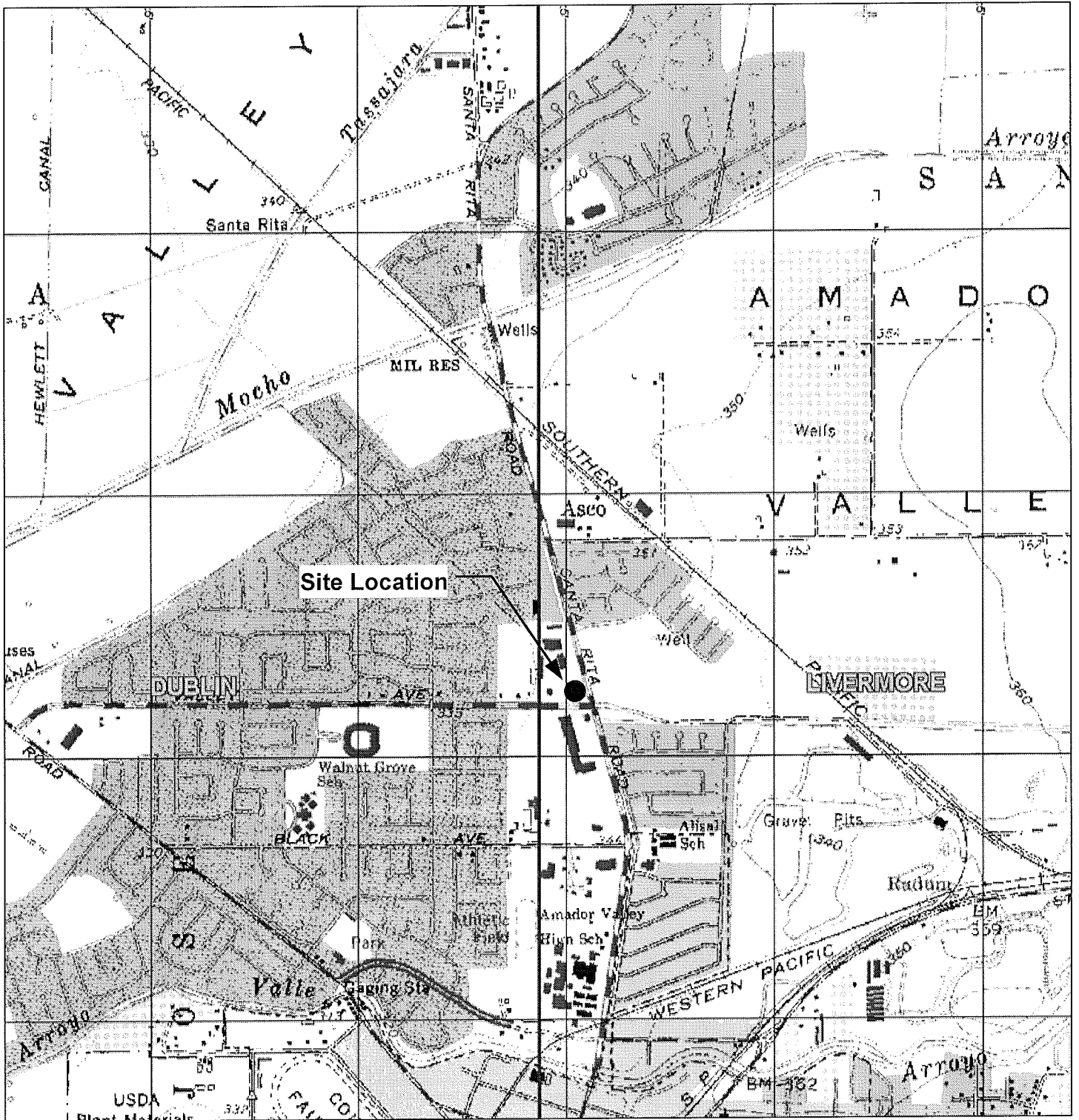
k = The sample extract was subjected to Silica Gel treatment prior to analysis.

Site surveyed January 14, 2003 by Mid Coast Engineers.

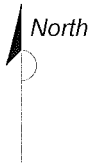
1Q06 survey data for wells MW-1A, MW-4A, and MW-5 provided by Delta Environmental.

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

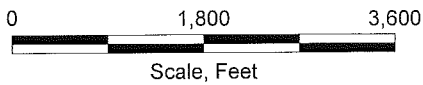


FIGURE 1
 SITE LOCATION MAP

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

PROJECT NO. SJ1801S1X	DRAWN BY VF 10/23/03
FILE NO.	PREPARED BY VF
REVISION NO.	REVIEWED BY



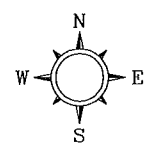
PROJECT NUMBER
SCA1801S1

APPROVED BY

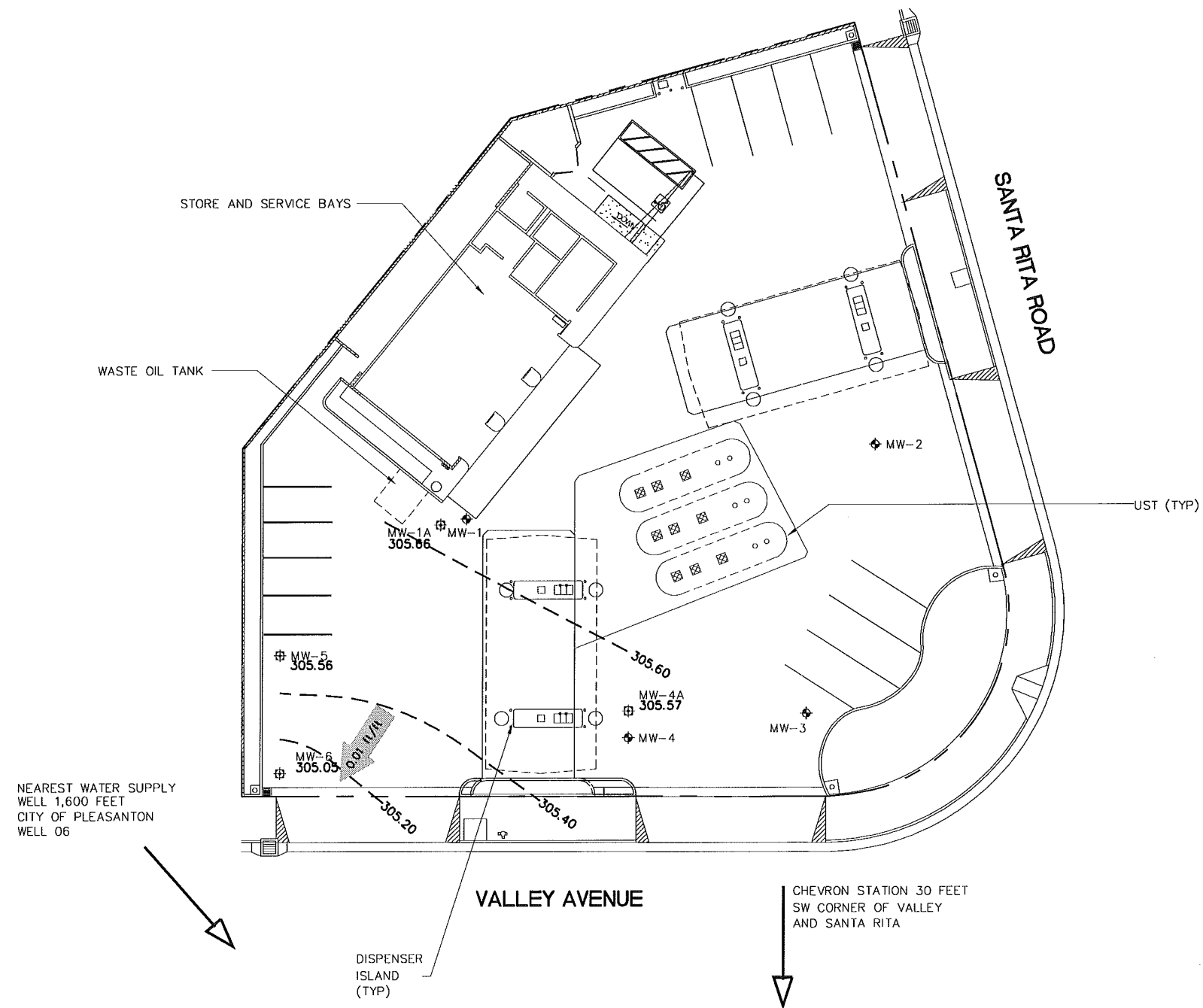
CHECKED BY

DRAWN BY
ICD
02/12/08

SCALE IN FEET
0 15 30



- LEGEND**
- MW-1 \oplus GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION (DEEP)
 - MW-5 \oplus GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION (SHALLOW)
 - 305.05 GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL (Ft/MSL)
 - 305.40 - - - GROUNDWATER CONTOUR IN FEET ABOVE MEAN SEA LEVEL (Ft/MSL) CONTOUR INTERVAL=0.20 FEET
 - \leftarrow 0.01 ft/ft APPROXIMATE GROUNDWATER GRADIENT DIRECTION (ft/ft)



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

FIGURE 2
GROUNDWATER ELEVATION CONTOUR MAP (SHALLOW)
01/10/08
1801 SANTA RITA ROAD
PLEASANTON, CALIFORNIA

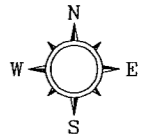
PROJECT NUMBER
SCA1801S1

APPROVED BY

CHECKED BY

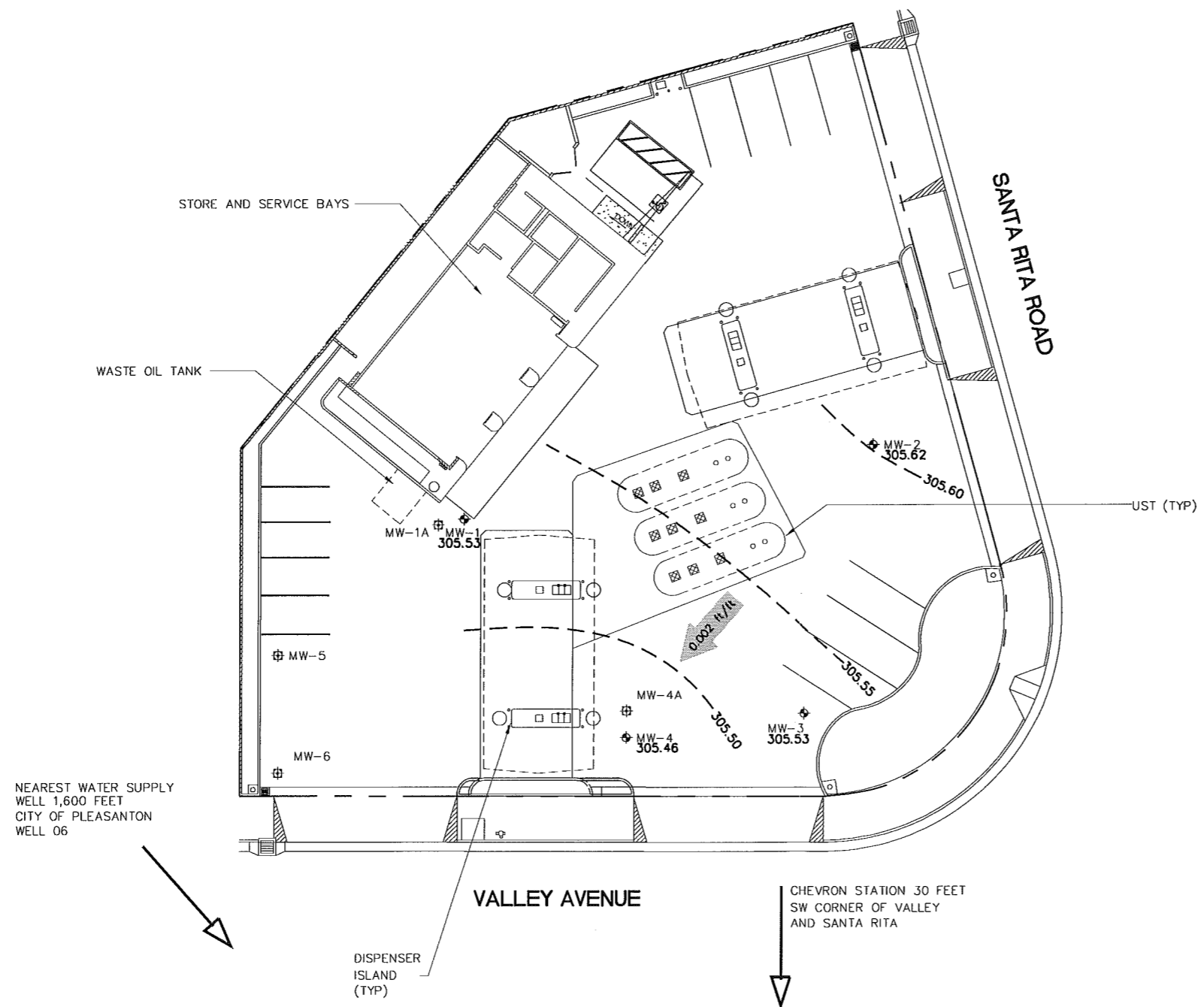
DRAWN BY
ICD
02/12/08

SCALE IN FEET
0 15 30



LEGEND

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



NEAREST WATER SUPPLY WELL 1,600 FEET CITY OF PLEASANTON WELL 06

DISPENSER ISLAND (TYP)

CHEVRON STATION 30 FEET SW CORNER OF VALLEY AND SANTA RITA



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PLEASANTON, CALIFORNIA

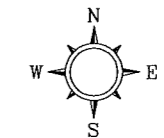
FIGURE 3
GROUNDWATER ELEVATION CONTOUR MAP (DEEP)
01/10/08
1801 SANTA RITA ROAD
PLEASANTON, CALIFORNIA

PROJECT NUMBER
SCA1801S1

APPROVED BY

CHECKED BY

DRAWN BY
ICD 02/12/08



- 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
 - j ANALYTE WAS DETECTED AT A CONCENTRATION BELOW THE REPORTING LIMIT AND ABOVE THE LABORATORY METHOD DETECTION LIMIT. REPORTED VALUE IS ESTIMATED.

MW-1				
DATE	TPH-g (μg/L)	BENZENE (μg/L)	MTBE (μg/L)	TBA (μg/L)
01/10/08	ND<50	ND<0.50	ND<1.0	ND<10

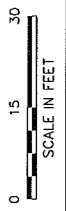
MW-1A				
DATE	TPH-g (μg/L)	BENZENE (μg/L)	MTBE (μg/L)	TBA (μg/L)
01/10/08	ND<50	ND<0.50	23	ND<10

MW-5				
DATE	TPH-g (μg/L)	BENZENE (μg/L)	MTBE (μg/L)	TBA (μg/L)
01/10/08	ND<50	ND<0.50	1.1	ND<10

MW-6				
DATE	TPH-g (μg/L)	BENZENE (μg/L)	MTBE (μg/L)	TBA (μg/L)
01/10/08	ND<50	ND<0.50	0.86j	ND<10

MW-4A				
DATE	TPH-g (μg/L)	BENZENE (μg/L)	MTBE (μg/L)	TBA (μg/L)
01/10/08	200	8.8	40	310

MW-4				
DATE	TPH-g (μg/L)	BENZENE (μg/L)	MTBE (μg/L)	TBA (μg/L)
01/10/08	ND<50	ND<0.50	ND<1.0	ND<10



NEAREST WATER SUPPLY WELL 1,600 FEET CITY OF PLEASANTON WELL 06

CHEVRON STATION 30 FEET SW CORNER OF VALLEY AND SANTA RITA



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

FIGURE 4
GROUNDWATER HYDROCARBON
DISTRIBUTION MAP
01/10/08

1801 SANTA RITA ROAD
PLEASANTON, CALIFORNIA

APPENDIX A

FIELD DATA SHEETS

SHELL WELLHEAD INSPECTION FORM

(FOR SAMPLE TECHNICIAN)

Site Address 1801 Santa Anita Rd. Pleasanton CA Date 1/14/08
 Job Number 080110-DR 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								
MW-1A	X								
MW-2	X								
MW-3	X								
MW-4	X								
MW-4A	X								
MW-5	X								
MW-6	X								

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

Notes: _____

WELL GAUGING DATA

Project # 0910-DAJ Date 1/10/08 Client 97615964

Site 1801 Santa Rita Rd. Pleasant 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	0840	← 4					36.57	91.72	9	
MW-1A	0837	← 4				36.06	57.19			
MW-2	0833	← 4				35.95	93.10	G.O.		
MW-3	0830	← 4				36.12	96.81	G.O.		
MW-4	0823	← 3				35.22	94.13			
MW-4A	0826	← 4				35.20	54.60			
MW-5	0850	← 4				35.30	54.42	✓		
MW-6	0853	← 4				35.29	54.57			

ND
2
3
4
ND
5
ND

SHELL WELL MONITORING DATA SHEET

BTS #: <u>000110-DRI</u>	Site: <u>97615964</u>
Sampler: <u>DR</u>	Date: <u>1/14/08</u>
Well I.D.: <u>MW-1</u>	Well Diameter: 2 3 <u>4</u> 6 8 _____
Total Well Depth (TD): <u>91.72</u>	Depth to Water (DTW): <u>36.57</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVG</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>47.60</u>	

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

$35.8 \text{ (Gals.)} \times 3 = 107.4 \text{ Gals.}$	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius² * 0.163</td> </tr> </tbody> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius ² * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius ² * 0.163														
I Case Volume Specified Volumes Calculated Volume																	

Time	Temp (°F)	pH	Cond. (mS or <u>µS</u>)	Turbidity (NTUs)	Gals. Removed	Observations
1036	62.1	6.9	1391	142	35.8	light cloudy
1043	63.8	6.6	1382	17	70.6	clear
1050	63.9	6.5	1377	10	107.4	"

Did well dewater? Yes No Gallons actually evacuated: 107.4

Sampling Date: 1/14/08 Sampling Time: 1100 Depth to Water: 36.68

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

Analyzed for: TPH-G BTEX MTBE TPH-D Other: See C.C.

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 #: 080110-DR1	Site: 97615964
Sampler: DR	Date: 1/14/08
Well I.D.: MW-1A	Well Diameter: 2 3 4 6 8 _____
Total Well Depth (TD): 57.19	Depth to Water (DTW): 36.06
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVG Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 40.29	

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

13.7 (Gals.) X 3 = 41.1 Gals. 1 Case Volume Specified Volumes Calculated Volume	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="border: none;">Well Diameter</th> <th style="border: none;">Multiplier</th> <th style="border: none;">Well Diameter</th> <th style="border: none;">Multiplier</th> </tr> </thead> <tbody> <tr> <td style="border: none;">1"</td> <td style="border: none;">0.04</td> <td style="border: none;">4"</td> <td style="border: none;">0.65</td> </tr> <tr> <td style="border: none;">2"</td> <td style="border: none;">0.16</td> <td style="border: none;">6"</td> <td style="border: none;">1.47</td> </tr> <tr> <td style="border: none;">3"</td> <td style="border: none;">0.37</td> <td style="border: none;">Other</td> <td style="border: none;">radius² + 0.163</td> </tr> </tbody> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius ² + 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius ² + 0.163														

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1125	63.8	6.7	1827	132	13.7	light cloudy
1127	63.6	6.4	1778	23	27.4	clear
1130	63.7	6.4	1726	16	41.1	"

Did well dewater? Yes No Gallons actually evacuated: 41.1

Sampling Date: 1/10/08 Sampling Time: 1135 Depth to Water: 36.12

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

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: <u>080110-DRI</u>	Site: <u>97615964</u>
Sampler: <u>DR</u>	Date: <u>1/10/08</u>
Well I.D.: <u>MW-4</u>	Well Diameter: <u>②</u> 3 4 6 8 _____
Total Well Depth (TD): <u>94.13</u>	Depth to Water (DTW): <u>35.22</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVG</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>47.00</u>	

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

Other: _____

<u>9.4</u> (Gals.) X <u>3</u> = <u>28.2</u> Gals.	Well Diameter Multiplier	Well Diameter Multiplier
1 Case Volume Specified Volumes Calculated Volume	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 μ S)	Turbidity (NTUs)	Gals. Removed	Observations
<u>0949</u>	<u>61.4</u>	<u>7.1</u>	<u>1184</u>	<u>71000</u>	<u>9.4</u>	<u>cloudy</u>
<u>0959</u>	<u>62.1</u>	<u>6.9</u>	<u>1268</u>	<u>746</u>	<u>18.8</u>	"
<u>1009</u>	<u>62.0</u>	<u>6.8</u>	<u>1269</u>	<u>303</u>	<u>28.2</u>	"

Did well dewater? Yes No Gallons actually evacuated: 28.2

Sampling Date: 1/10/08 Sampling Time: 1015 Depth to Water: 37.27

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

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

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 dewateres and does not immediately recharge.

MEASURING RECHARGE

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

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

PURGEWATER CONTAINMENT

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

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

SAMPLE COLLECTION DEVICES

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

SAMPLE CONTAINERS

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

TRIP BLANKS

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

DUPLICATES

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

SAMPLE STORAGE

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

DOCUMENTATION CONVENTIONS

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

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

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

DECONTAMINATION

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

The primary decontamination device is a commercial steam cleaner. The steam cleaner is 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

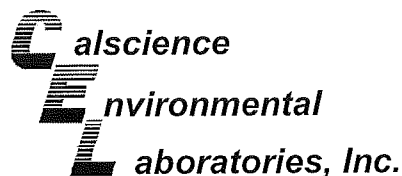
All readings are obtained with either Corning or Myron-L meters (e.g. Corning ORP-65 or a Myron-L Ultrameter GP). The meter is cleaned between wells as described above. The meter is calibrated at the start of each day according to the instruction manual.

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



January 21, 2008

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

Subject: **Calscience Work Order No.: 08-01-0853**
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 1/12/2008 and analyzed in accordance with the attached chain-of-custody.

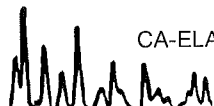
Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows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

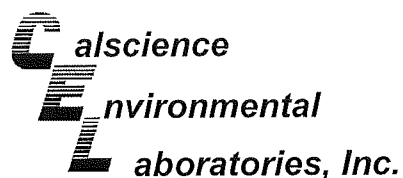
If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

A handwritten signature in cursive script, appearing to read "Danielle Gonsman", with a horizontal line extending to the right.

Calscience Environmental
Laboratories, Inc.
Danielle Gonsman
Project Manager





Analytical Report



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

Date Received: 01/12/08
Work Order No: 08-01-0853
Preparation: EPA 3510C
Method: EPA 8015B

Project: 1801 Santa Rita Rd., Pleasanton, CA

Page 1 of 3

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-6	08-01-0853-1-F	01/10/08	Aqueous	GC 43	01/14/08	01/14/08 10:12	080114B04

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	117	68-140			

MW-4	08-01-0853-2-F	01/10/08	Aqueous	GC 43	01/14/08	01/14/08 10:21	080114B04
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Comment(s): -The sample extract was subjected to Silica Gel treatment prior to analysis.

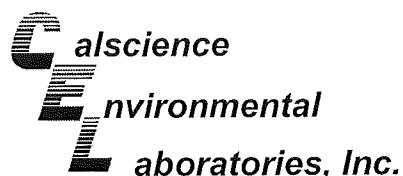
Parameter	Result	RL	DF	Qual	Units
Diesel Range Organics	ND	50	1		ug/L
Surrogates:	REC (%)	Control Limits		Qual	
Decachlorobiphenyl	99	68-140			

MW-1	08-01-0853-3-F	01/10/08	Aqueous	GC 43	01/14/08	01/14/08 10:31	080114B04
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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	119	68-140			

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



Analytical Report



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

Date Received: 01/12/08
Work Order No: 08-01-0853
Preparation: EPA 3510C
Method: EPA 8015B

Project: 1801 Santa Rita Rd., Pleasanton, CA

Page 2 of 3

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-5	08-01-0853-4-F	01/10/08	Aqueous	GC 43	01/14/08	01/14/08 10:40	080114B04

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	82	50	1		ug/L
Surrogates:	REC (%)	Control Limits		Qual	
Decachlorobiphenyl	113	68-140			

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-1A	08-01-0853-5-F	01/10/08	Aqueous	GC 43	01/14/08	01/14/08 10:49	080114B04

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.

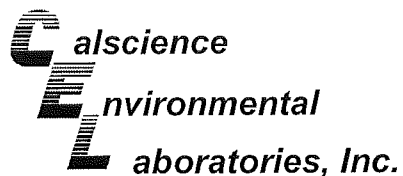
Parameter	Result	RL	DF	Qual	Units
Diesel Range Organics	100	50	1		ug/L
Surrogates:	REC (%)	Control Limits		Qual	
Decachlorobiphenyl	111	68-140			

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-4A	08-01-0853-6-F	01/10/08	Aqueous	GC 43	01/14/08	01/14/08 10:58	080114B04

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	150	50	1		ug/L
Surrogates:	REC (%)	Control Limits		Qual	
Decachlorobiphenyl	111	68-140			

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



Analytical Report



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

Date Received: 01/12/08
 Work Order No: 08-01-0853
 Preparation: EPA 3510C
 Method: EPA 8015B

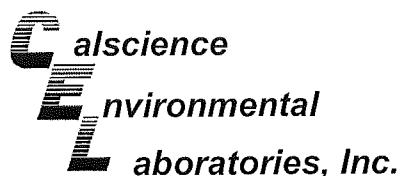
Project: 1801 Santa Rita Rd., Pleasanton, CA

Page 3 of 3

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-12-211-166	N/A	Aqueous	GC 43	01/14/08	01/14/08 8:13	080114B04

Parameter	Result	RL	DF	Qual	Units
Diesel Range Organics	ND	50	1		ug/L
Surrogates:	REC (%)	Control Limits		Qual	
Decachlorobiphenyl	99	68-140			

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



Analytical Report



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

Date Received: 01/12/08
Work Order No: 08-01-0853
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project: 1801 Santa Rita Rd., Pleasanton, CA

Page 1 of 2

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-6	08-01-0853-1-D	01/10/08	Aqueous	GC 29	01/14/08	01/14/08 18:36	080114B01

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1		ug/L
Surrogates:	REC (%)	Control Limits		Qual	
1,4-Bromofluorobenzene	79	38-134			

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-4	08-01-0853-2-D	01/10/08	Aqueous	GC 29	01/14/08	01/14/08 19:44	080114B01

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1		ug/L
Surrogates:	REC (%)	Control Limits		Qual	
1,4-Bromofluorobenzene	67	38-134			

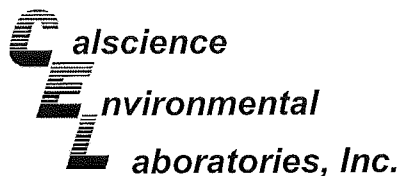
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-1	08-01-0853-3-D	01/10/08	Aqueous	GC 29	01/14/08	01/14/08 20:18	080114B01

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1		ug/L
Surrogates:	REC (%)	Control Limits		Qual	
1,4-Bromofluorobenzene	68	38-134			

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-5	08-01-0853-4-D	01/10/08	Aqueous	GC 29	01/14/08	01/14/08 20:52	080114B01

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1		ug/L
Surrogates:	REC (%)	Control Limits		Qual	
1,4-Bromofluorobenzene	70	38-134			

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



Analytical Report



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

Date Received: 01/12/08
Work Order No: 08-01-0853
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project: 1801 Santa Rita Rd., Pleasanton, CA

Page 2 of 2

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-1A	08-01-0853-5-D	01/10/08	Aqueous	GC 29	01/14/08	01/14/08 21:26	080114B01

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1		ug/L
Surrogates:	REC (%)	Control Limits		Qual	
1,4-Bromofluorobenzene	71	38-134			

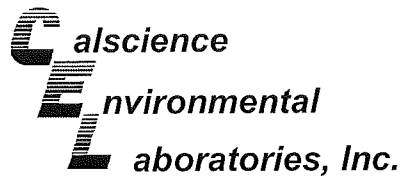
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-4A	08-01-0853-6-D	01/10/08	Aqueous	GC 29	01/14/08	01/14/08 22:00	080114B01

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	200	50	1		ug/L
Surrogates:	REC (%)	Control Limits		Qual	
1,4-Bromofluorobenzene	59	38-134			

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-12-436-1,358	N/A	Aqueous	GC 29	01/14/08	01/14/08 10:02	080114B01

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

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



Analytical Report



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

Date Received: 01/12/08
Work Order No: 08-01-0853
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: 1801 Santa Rita Rd., Pleasanton, CA

Page 1 of 2

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-6	08-01-0853-1-A	01/10/08	Aqueous	GC/MS O	01/17/08	01/17/08 12:44	080117L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	ND	0.50	0.14	1		o-Xylene	ND	1.0	0.17	1	
1,2-Dibromoethane	ND	1.0	0.49	1		Methyl-t-Butyl Ether (MTBE)	0.86	1.0	0.26	1	J
1,2-Dichloroethane	ND	0.50	0.26	1		Tert-Butyl Alcohol (TBA)	ND	10	5.4	1	
Ethylbenzene	ND	1.0	0.23	1		Diisopropyl Ether (DIPE)	ND	2.0	0.33	1	
Toluene	ND	1.0	0.27	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.18	1	
p/m-Xylene	ND	1.0	0.54	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1.1	1	
Surrogates:	REC (%)	Control Limits			Qual	Surrogates:	REC (%)	Control Limits			Qual
Dibromofluoromethane	98	74-140				1,2-Dichloroethane-d4	97	74-146			
Toluene-d8	108	88-112				1,4-Bromofluorobenzene	100	74-110			

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-5	08-01-0853-4-A	01/10/08	Aqueous	GC/MS O	01/17/08	01/17/08 15:10	080117L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

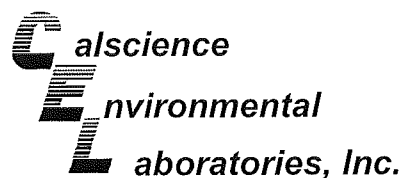
Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	ND	0.50	0.14	1		o-Xylene	ND	1.0	0.17	1	
1,2-Dibromoethane	ND	1.0	0.49	1		Methyl-t-Butyl Ether (MTBE)	1.1	1.0	0.26	1	
1,2-Dichloroethane	ND	0.50	0.26	1		Tert-Butyl Alcohol (TBA)	ND	10	5.4	1	
Ethylbenzene	ND	1.0	0.23	1		Diisopropyl Ether (DIPE)	ND	2.0	0.33	1	
Toluene	ND	1.0	0.27	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.18	1	
p/m-Xylene	ND	1.0	0.54	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1.1	1	
Surrogates:	REC (%)	Control Limits			Qual	Surrogates:	REC (%)	Control Limits			Qual
Dibromofluoromethane	92	74-140				1,2-Dichloroethane-d4	96	74-146			
Toluene-d8	104	88-112				1,4-Bromofluorobenzene	99	74-110			

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-1A	08-01-0853-5-A	01/10/08	Aqueous	GC/MS O	01/17/08	01/17/08 15:40	080117L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	ND	0.50	0.14	1		o-Xylene	ND	1.0	0.17	1	
1,2-Dibromoethane	ND	1.0	0.49	1		Methyl-t-Butyl Ether (MTBE)	23	1.0	0.26	1	
1,2-Dichloroethane	ND	0.50	0.26	1		Tert-Butyl Alcohol (TBA)	ND	10	5.4	1	
Ethylbenzene	ND	1.0	0.23	1		Diisopropyl Ether (DIPE)	ND	2.0	0.33	1	
Toluene	ND	1.0	0.27	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.18	1	
p/m-Xylene	ND	1.0	0.54	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1.1	1	
Surrogates:	REC (%)	Control Limits			Qual	Surrogates:	REC (%)	Control Limits			Qual
Dibromofluoromethane	97	74-140				1,2-Dichloroethane-d4	96	74-146			
Toluene-d8	105	88-112				1,4-Bromofluorobenzene	100	74-110			

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



Analytical Report



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

Date Received: 01/12/08
Work Order No: 08-01-0853
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: 1801 Santa Rita Rd., Pleasanton, CA

Page 2 of 2

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-4A	08-01-0853-6-A	01/10/08	Aqueous	GC/MS O	01/17/08	01/17/08 16:09	080117L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

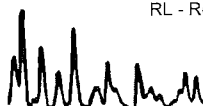
Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	8.8	0.50	0.14	1		o-Xylene	0.37	1.0	0.17	1	J
1,2-Dibromoethane	ND	1.0	0.49	1		Methyl-t-Butyl Ether (MTBE)	40	1.0	0.26	1	
1,2-Dichloroethane	8.2	0.50	0.26	1		Tert-Butyl Alcohol (TBA)	310	10	5.4	1	
Ethylbenzene	2.4	1.0	0.23	1		Diisopropyl Ether (DIPE)	ND	2.0	0.33	1	
Toluene	0.75	1.0	0.27	1	J	Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.18	1	
p/m-Xylene	ND	1.0	0.54	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1.1	1	
Surrogates:	REC (%)	Control Limits			Qual	Surrogates:	REC (%)	Control Limits			Qual
Dibromofluoromethane	98	74-140				1,2-Dichloroethane-d4	100	74-146			
Toluene-d8	105	88-112				1,4-Bromofluorobenzene	99	74-110			

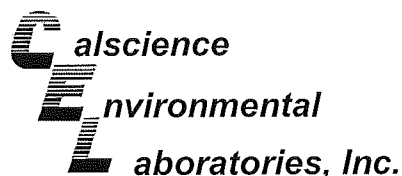
Method Blank	099-10-006-24,112	N/A	Aqueous	GC/MS O	01/17/08	01/17/08 11:45	080117L01
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Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	ND	0.50	0.14	1		o-Xylene	ND	1.0	0.17	1	
1,2-Dibromoethane	ND	1.0	0.49	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.26	1	
1,2-Dichloroethane	ND	0.50	0.26	1		Tert-Butyl Alcohol (TBA)	ND	10	5.4	1	
Ethylbenzene	ND	1.0	0.23	1		Diisopropyl Ether (DIPE)	ND	2.0	0.33	1	
Toluene	ND	1.0	0.27	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.18	1	
p/m-Xylene	ND	1.0	0.54	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1.1	1	
Surrogates:	REC (%)	Control Limits			Qual	Surrogates:	REC (%)	Control Limits			Qual
Dibromofluoromethane	100	74-140				1,2-Dichloroethane-d4	102	74-146			
Toluene-d8	106	88-112				1,4-Bromofluorobenzene	99	74-110			

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





Analytical Report



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

Date Received: 01/12/08
Work Order No: 08-01-0853
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: 1801 Santa Rita Rd., Pleasanton, CA

Page 1 of 1

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-4	08-01-0853-2-A	01/10/08	Aqueous	GC/MS O	01/17/08	01/17/08 14:11	080117L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	ND	0.50	0.14	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.26	1	
Ethylbenzene	ND	1.0	0.23	1		Tert-Butyl Alcohol (TBA)	ND	10	5.4	1	
Toluene	ND	1.0	0.27	1		Diisopropyl Ether (DIPE)	ND	2.0	0.33	1	
p/m-Xylene	ND	1.0	0.54	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.18	1	
o-Xylene	ND	1.0	0.17	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1.1	1	
Surrogates:	REC (%)	Control Limits			Qual	Surrogates:	REC (%)	Control Limits			Qual
Dibromofluoromethane	95	74-140				1,2-Dichloroethane-d4	97	74-146			
Toluene-d8	105	88-112				1,4-Bromofluorobenzene	99	74-110			

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-1	08-01-0853-3-A	01/10/08	Aqueous	GC/MS O	01/17/08	01/17/08 14:41	080117L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	ND	0.50	0.14	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.26	1	
Ethylbenzene	ND	1.0	0.23	1		Tert-Butyl Alcohol (TBA)	ND	10	5.4	1	
Toluene	ND	1.0	0.27	1		Diisopropyl Ether (DIPE)	ND	2.0	0.33	1	
p/m-Xylene	ND	1.0	0.54	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.18	1	
o-Xylene	ND	1.0	0.17	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1.1	1	
Surrogates:	REC (%)	Control Limits			Qual	Surrogates:	REC (%)	Control Limits			Qual
Dibromofluoromethane	94	74-140				1,2-Dichloroethane-d4	95	74-146			
Toluene-d8	104	88-112				1,4-Bromofluorobenzene	98	74-110			

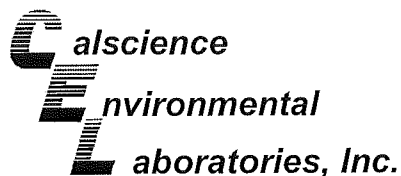
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-10-006-24,112	N/A	Aqueous	GC/MS O	01/17/08	01/17/08 11:45	080117L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	ND	0.50	0.14	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.26	1	
Ethylbenzene	ND	1.0	0.23	1		Tert-Butyl Alcohol (TBA)	ND	10	5.4	1	
Toluene	ND	1.0	0.27	1		Diisopropyl Ether (DIPE)	ND	2.0	0.33	1	
p/m-Xylene	ND	1.0	0.54	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.18	1	
o-Xylene	ND	1.0	0.17	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1.1	1	
Surrogates:	REC (%)	Control Limits			Qual	Surrogates:	REC (%)	Control Limits			Qual
Dibromofluoromethane	100	74-140				1,2-Dichloroethane-d4	102	74-146			
Toluene-d8	106	88-112				1,4-Bromofluorobenzene	99	74-110			

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





Analytical Report



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

Date Received: 01/12/08
 Work Order No: 08-01-0853

Project: 1801 Santa Rita Rd., Pleasanton, CA

Page 1 of 1

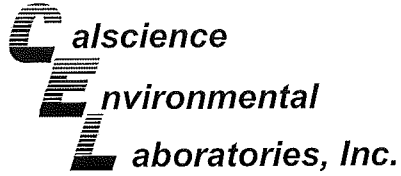
Client Sample Number	Lab Sample Number	Date Collected	Matrix
MW-1A	08-01-0853-5	01/10/08	Aqueous

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
HEM - SGT: Oil and Grease	ND	1.0	1		mg/L	N/A	01/15/08	EPA 1664A

Method Blank				N/A	Aqueous			
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Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
HEM - SGT: Oil and Grease	ND	1.0	1		mg/L	N/A	01/15/08	EPA 1664A

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



Quality Control - Spike/Spike Duplicate



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

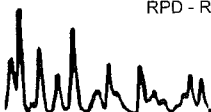
Date Received: 01/12/08
 Work Order No: 08-01-0853
 Preparation: EPA 5030B
 Method: EPA 8015B (M)

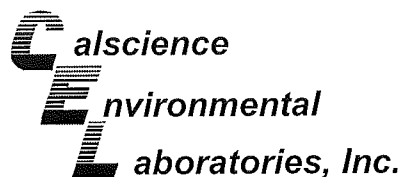
Project 1801 Santa Rita Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
08-01-0850-1	Aqueous	GC 29	01/14/08	01/14/08	080114S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	97	96	68-122	2	0-18	

RPD - Relative Percent Difference , CL - Control Limit





Quality Control - Spike/Spike Duplicate



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

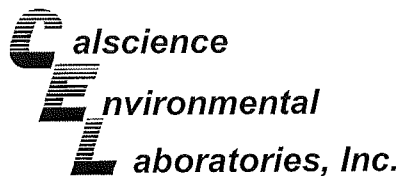
Date Received: 01/12/08
Work Order No: 08-01-0853
Preparation: EPA 5030B
Method: EPA 8260B

Project 1801 Santa Rita Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
MW-6	Aqueous	GC/MS O	01/17/08	01/17/08	080117S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	102	103	88-118	1	0-7	
Carbon Tetrachloride	99	102	67-145	3	0-11	
Chlorobenzene	101	102	88-118	1	0-7	
1,2-Dibromoethane	100	103	70-130	3	0-30	
1,2-Dichlorobenzene	103	100	86-116	2	0-8	
1,1-Dichloroethene	102	101	70-130	1	0-25	
Ethylbenzene	104	103	70-130	0	0-30	
Toluene	102	103	87-123	1	0-8	
Trichloroethene	106	109	79-127	3	0-10	
Vinyl Chloride	93	96	69-129	3	0-13	
Methyl-t-Butyl Ether (MTBE)	103	107	71-131	4	0-13	
Tert-Butyl Alcohol (TBA)	77	88	36-168	14	0-45	
Diisopropyl Ether (DIPE)	97	102	81-123	5	0-9	
Ethyl-t-Butyl Ether (ETBE)	97	102	72-126	5	0-12	
Tert-Amyl-Methyl Ether (TAME)	96	100	72-126	5	0-12	
Ethanol	111	118	53-149	7	0-31	

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - LCS/LCS Duplicate



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

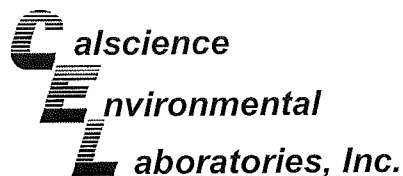
Date Received: N/A
Work Order No: 08-01-0853
Preparation: EPA 3510C
Method: EPA 8015B

Project: 1801 Santa Rita Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-211-166	Aqueous	GC 43	01/14/08	01/14/08	080114B04

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Diesel Range Organics	106	105	75-117	2	0-13	

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - LCS/LCS Duplicate



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

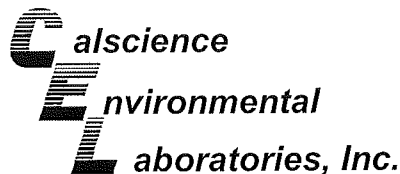
Date Received: N/A
 Work Order No: 08-01-0853
 Preparation: EPA 5030B
 Method: EPA 8015B (M)

Project: 1801 Santa Rita Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-436-1,358	Aqueous	GC 29	01/14/08	01/14/08	080114B01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	102	107	78-120	5	0-10	

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - LCS/LCS Duplicate



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

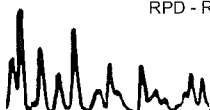
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Work Order No: 08-01-0853
Preparation: EPA 5030B
Method: EPA 8260B

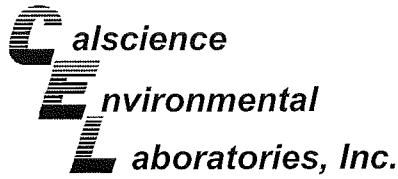
Project: 1801 Santa Rita Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-24,112	Aqueous	GC/MS O	01/17/08	01/17/08	080117L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	102	103	84-120	1	0-8	
Carbon Tetrachloride	101	100	63-147	1	0-10	
Chlorobenzene	99	101	89-119	2	0-7	
1,2-Dibromoethane	96	99	80-120	3	0-20	
1,2-Dichlorobenzene	100	100	89-119	0	0-9	
1,1-Dichloroethene	105	103	77-125	2	0-16	
Ethylbenzene	104	103	80-120	0	0-20	
Toluene	104	103	83-125	1	0-9	
Trichloroethene	105	106	89-119	1	0-8	
Vinyl Chloride	96	93	63-135	3	0-13	
Methyl-t-Butyl Ether (MTBE)	97	93	82-118	4	0-13	
Tert-Butyl Alcohol (TBA)	69	57	46-154	19	0-32	
Diisopropyl Ether (DIPE)	98	97	81-123	1	0-11	
Ethyl-t-Butyl Ether (ETBE)	94	95	74-122	2	0-12	
Tert-Amyl-Methyl Ether (TAME)	95	97	76-124	2	0-10	
Ethanol	94	86	60-138	9	0-32	

RPD - Relative Percent Difference , CL - Control Limit





Quality Control - LCS/LCS Duplicate



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

Date Received:
Work Order No:

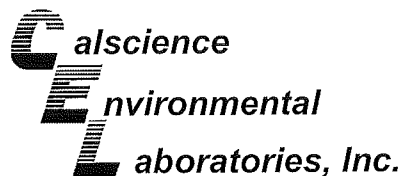
N/A
08-01-0853

Project: 1801 Santa Rita Rd., Pleasanton, CA

Matrix: Aqueous

<u>Parameter</u>	<u>Method</u>	<u>Quality Control Sample ID</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>LCS % REC</u>	<u>LCSD % REC</u>	<u>%REC CL</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qual</u>
HEM - SGT: Oil and Grease	EPA 1664A	099-05-121-1,191	N/A	01/15/08	86	92	64-132	6	0-34	

RPD - Relative Percent Difference , CL - Control Limit



Glossary of Terms and Qualifiers



Work Order Number: 08-01-0853

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



SHELL Chain Of Custody Record

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

NAME OF PERSON TO BILL: Denis Brown

ENVIRONMENTAL SERVICES

NETWORK DEV / FE BILL CONSULTANT

COMPLIANCE RMT/CRMT

CHECK BOX TO VERIFY IF NO INCIDENT # APPLIES

INCIDENT # (ES ONLY): 9 7 6 1 5 9 6 4

PO # _____ SAP or CRMT # _____

DATE: 1/10/08

PAGE: 1 of 1

SAMPLING COMPANY: **Blaine Tech Services** LOG CODE: **BTSS**

ADDRESS: **1680 Rogers Avenue, San Jose, CA 95112**

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

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

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

EDF DELIVERABLE TO (Name, Company, Office Location): **Jon Suling, Delta, Monrovia Office** PHONE NO.: **626.256.6662** E-MAIL: **jsuling@deltaenv.com** CONSULTANT PROJECT NO.: **BTS# 070110-DK1**

SAMPLER NAME(S) (Print): **D. Rognar** LAB USE ONLY: **01-0853**

TAT (STD IS 10 BUSINESS DAYS / RUSH IS CALENDAR DAYS): RESULTS NEEDED

STD 5 DAY 3 DAY 2 DAY 24 HOURS ON WEEKEND

LA - RWQCB REPORT FORMAT UST AGENCY: _____

SPECIAL INSTRUCTIONS OR NOTES:

EDD NOT NEEDED

SHELL CONTRACT RATE APPLIES

STATE REIMB RATE APPLIES

RECEIPT VERIFICATION REQUESTED

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

CC Elisabeth Silver esilver@deltaenv.com with final report

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	DATE	TIME	MATRIX	NO. OF CONT.	TPH - Gas, Purgeable (8260B)	TPH - Diesel, Extractable (8015M)	BTEX (8260B)	5 Oxygenates (8260B) (MTBE, TBA, DIPE, TAME, ETBE)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	TPH-motor oil (8015M)	TDS (160.1)	Total Iron (6010B)	Total Lead (6010B)	Total Oil and Grease (1664A)
1	MW-6	1/10/08	930	W	7	X	X	X	X						X	X							
2	MW-4	1/10/08	1015	W	7	X	X	X	X						X	X							
3	MW-1	1/10/08	1100	W	7	X	X	X	X						X	X							
4	MW-5	1/10/08	1120	W	7	X	X	X	X						X	X							
5	MW-1A	1/10/08	1135	W	12	X	X	X	X						X	X						X	
6	MW-4A	1/10/08	1200	W	7	X	X	X	X						X	X							

FIELD NOTES:

Container/Preservative or PID Readings or Laboratory Notes

TEMPERATURE ON RECEIPT C°

Collected by 250mL bottles of 100mL preservative for total oil & grease

Relinquished by: (Signature) _____

Relinquished by: (Signature) **Patry**

Relinquished by: (Signature) **John (to GSS)**

Received by: (Signature) _____ (sample custodian)

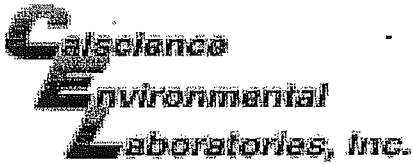
Received by: (Signature) _____

Received by: (Signature) _____

Date: 1/10/08 Time: 1615

Date: 1/10/08 Time: 1556

Date: 1/12/08 Time: 1000



WORK ORDER #: 08 - 01 - 08 5 3

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: Blaine Tech

DATE: 1/12/08

TEMPERATURE - SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

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

LABORATORY (Other than CalScience Courier):

- C Temperature blank.
3.1 C IR thermometer.
Ambient temperature.

Initial: HT

CUSTODY SEAL INTACT:

Sample(s): Cooler: No (Not Intact): Not Present: Initial: HT

SAMPLE CONDITION:

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

Initial: HT

COMMENTS:

Blank lines for handwritten comments.