Shell Oil Products US

August 13, 2010

Re: Second Quarter 2010 Semiannual Groundwater Monitoring Report
Shell-Branded Service Station
1801 Santa Rita Road
Pleasanton, California

Dear Mr. Jerry Wickham:

I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge.

Sincerely,
Shell Oil Products US

Denis L. Brown
Project Manager

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

August 13, 2010
DELTA Project No. SCA1801S1D
SAP No. 135783

Mr. Jerry Wickham, PG, CEG, CHG
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6540

Re: SECOND QUARTER 2010 SEMIANNUAL GROUNDWATER MONITORING REPORT
Shell-Branded Service Station
1801 Santa Rita Road
Pleasanton, California

DELTA

Dear Mr. Wickham:

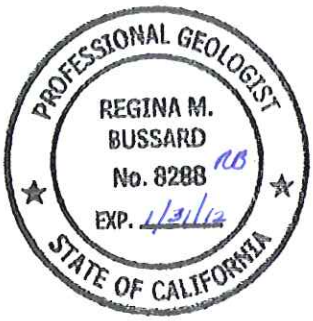
On behalf of Shell Oil Products US (Shell), Delta Consultants (Delta) has prepared this *Second Quarter 2010 Semiannual Groundwater Monitoring Report* for the above referenced site. The sampling activities at the site were performed by Blaine Tech Services, Inc. (Blaine Tech) under contract to Shell and included the collection of groundwater samples and static water level measurements. Delta did not provide any oversight of Blaine Tech's work or protocol. A Delta staff member, under the supervision of a California Registered Civil Engineer or a California Professional Geologist, performed an evaluation of the data provided to us.

This document represents Delta's professional opinions based upon the currently available information and is arrived at in accordance with currently acceptable professional standards. This document 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 document were performed. This document is intended only for the use of Delta's Client and anyone else specifically listed on this document. 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 document.

312 Piercy Road San Jose, California 95138 USA
Phone +1 408.224.4724 / USA Toll Free 800.477.7411
Fax +1 408.225.8506 www.deltaenv.com

If you have any questions regarding this site, please contact Ms. Regina Bussard (Delta) at (408) 826-1876 or Mr. Denis Brown (Shell) at (707) 865-0251.

Sincerely,
Delta Consultants



Regina Bussard, P.G.
Project Manager

Attachment: Second Quarter 2010 Semiannual Groundwater Monitoring Report

cc: Mr. Denis Brown, Shell Oil Products US, Carson
Cheryl Dizon, Zone 7 Water Agency, Livermore
Danielle Stefani, Livermore-Pleasanton Fire Department, Pleasanton

SHELL SEMIANNUAL STATUS REPORT

Station Address:	1801 Santa Rita Road, Pleasanton, California
DELTA Project No.:	SCA1801S1D
SHELL Project Manager / Phone No.:	Denis Brown / (707) 865-0251
DELTA Site Manager / Phone No.:	Regina Bussard / (408) 826-1876
Primary Agency / Regulatory ID No.:	Alameda County Environmental Health (ACEH) / Mr. Jerry Wickham
Other Agencies to Receive Copies:	Zone 7 Water Agency / Livermore-Pleasanton Fire Department

WORK PERFORMED THIS PERIOD (FIRST AND SECOND QUARTERS - 2010):

1. Submitted 4Q09 semiannual groundwater monitoring report.
2. Performed semiannual groundwater monitoring and sampling on **April 2, 2010**.

WORK PROPOSED FOR NEXT PERIOD (THIRD AND FOURTH QUARTERS - 2010):

1. Submit 2Q10 semiannual report.
2. Perform semiannual groundwater monitoring and sampling.

Current Phase of Project:	Groundwater monitoring.
Site Use:	Shell-branded service station
Frequency of Sampling:	Semiannual – Wells MW-1, MW-1A, MW-4, MW-4A, MW-5,and MW-6 Annual – Wells MW-2 and MW-3
Frequency of Monitoring:	Semiannual – Wells MW-1, MW-1A, MW-2, MW-3, MW-4, MW-4A, MW-5 and MW-6
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:	254.4 gallons were recovered on April 2, 2010.
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

SHELL SEMIANNUAL STATUS REPORT (CONT.)

Approximate Depth to Groundwater:	53.65 to 54.55 feet below top of casing in the shallow wells (very little water found in shallow wells – measured depths may not be representative of groundwater level) 53.57 to 54.91 feet below top of casing in the deep wells
Groundwater Gradient:	South-southwest at approximately 0.007 ft/ft in the shallow zone. Southwest at approximately 0.002 ft/ft in the deep zone.
Current Agency Correspondence:	ACEH letter dated July 14, 2009 included as Attachment A
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:	Wells MW-4A, MW-5, and MW-6 had insufficient water for sampling

Discussion:

During the quarterly event on April 2, 2010, total petroleum hydrocarbons as gasoline (TPH-g), reported by the laboratory as total purgeable petroleum hydrocarbons (TPPH), was detected in Well MW-1A at a concentration of 94 micrograms per liter (µg/L). Total petroleum hydrocarbons as diesel (TPH-d), reported by the laboratory as diesel range organics (DRO) was detected in Well MW-2 at a concentration of 67 µg/L. Methyl-tert butyl ether (MTBE) was detected in wells MW-1 and MW-1A at concentrations of 1.1 µg/L (MW-1) and 65 µg/L (MW-1A), respectively.

The MTBE concentration increased in Well MW-1, and the TPH-d concentration increased in Well MW-2 during the April 2, 2010 sampling event. The last samples analyzed were non-detect for the respective analytes. The TPH-g and MTBE concentrations in Well MW-1A both decreased since samples were last analyzed during the second quarter 2009 sampling event.

ATTACHMENTS:

Figures:

Figure 1 – Site Location Map

Figure 2 – Groundwater Elevation Map (Shallow) – 4/2/2010

Figure 3 – Groundwater Elevation Contour Map (Deep) – 4/2/2010

Figure 4 – Groundwater Hydrocarbon Distribution Map – 4/2/2010

Table:

Table 1 – Well Concentrations

Appendices:

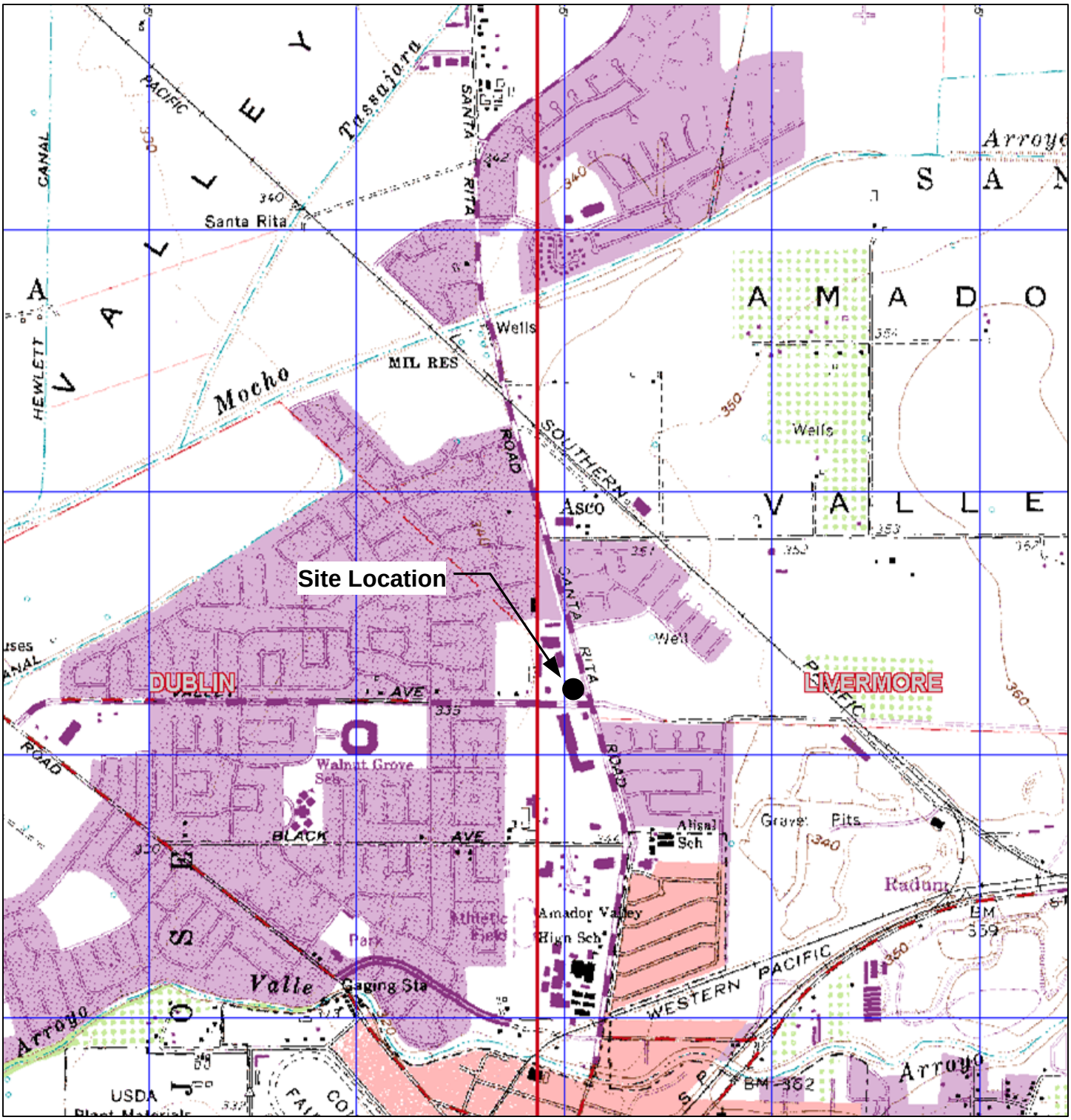
Appendix A – Regulatory Letter

Appendix B – Blaine Tech Services, Inc. Field Data Sheets

Appendix C – Blaine Tech Services, Inc. Field Procedures

Appendix D – Laboratory Report and Chain-of-Custody Documentation

FIGURES



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

QUADRANGLE LOCATION

North

0 1,800 3,600

Scale, Feet

FIGURE 1
SITE LOCATION MAP

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

PROJECT NO. SCA1801S1A	DRAWN BY VF 10/23/03
FILE NO.	PREPARED BY VF
REVISION NO.	REVIEWED BY

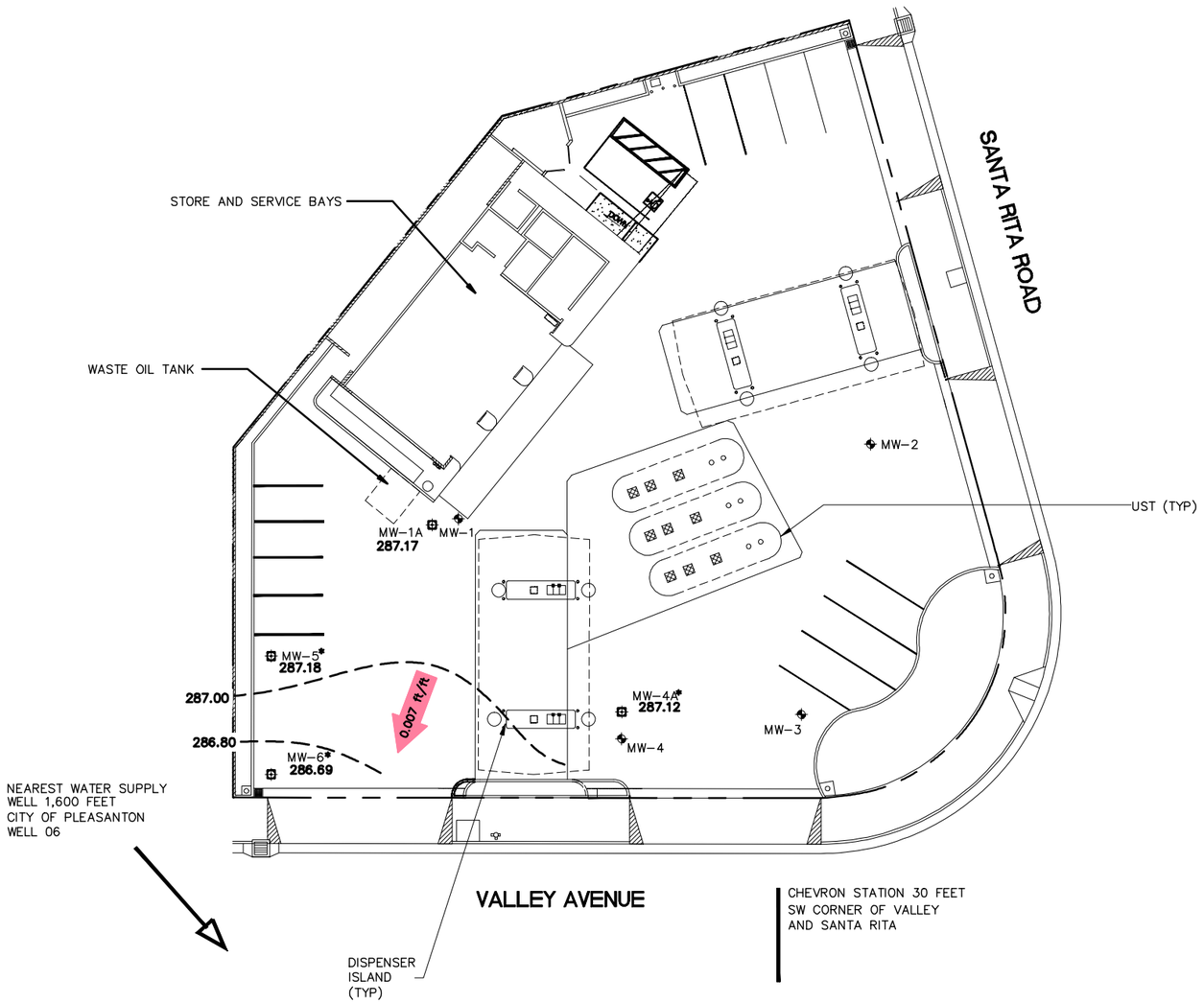
DELTA CONSULTANTS

PROJECT NUMBER SCA1801S1D

APPROVED BY

CHECKED BY

DRAWN BY J.F.F. 5/19/2010



0 15 30 SCALE IN FEET

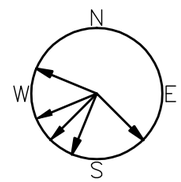
N W E S

LEGEND

MW-1	GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION (DEEP)
MW-5	GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION (SHALLOW)
287.18	GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL (Ft/MSL)
287.00	GROUNDWATER CONTOUR IN FEET ABOVE MEAN SEA LEVEL (Ft/MSL) CONTOUR INTERVAL=0.10 FEET
*	INSUFFICIENT WATER FOR SAMPLING.
0.007 ft/ft	APPROXIMATE GROUNDWATER GRADIENT DIRECTION (ft/ft)

HISTORIC GROUNDWATER FLOW DIRECTION

DATE	FLOW DIRECTION
3/31/2003	WSW
6/26/2003	SE
9/15/2003	SW
12/31/2003	SSW
3/8/2004	WSW
4/14/2005	WSW
10/20/2005	WNW
2/27/2006	SW
4/19/2006	SW
1/19/2007	SE
4/3/2007	SW
10/25/2007	SW
1/10/2008	SSW
4/17/2008	SW
7/2/2008	SSW
10/14/2008	SSW
1/5/2009	SSW
4/14/2009	SSW
10/6/2009	Undetermined
4/2/2010	SSW



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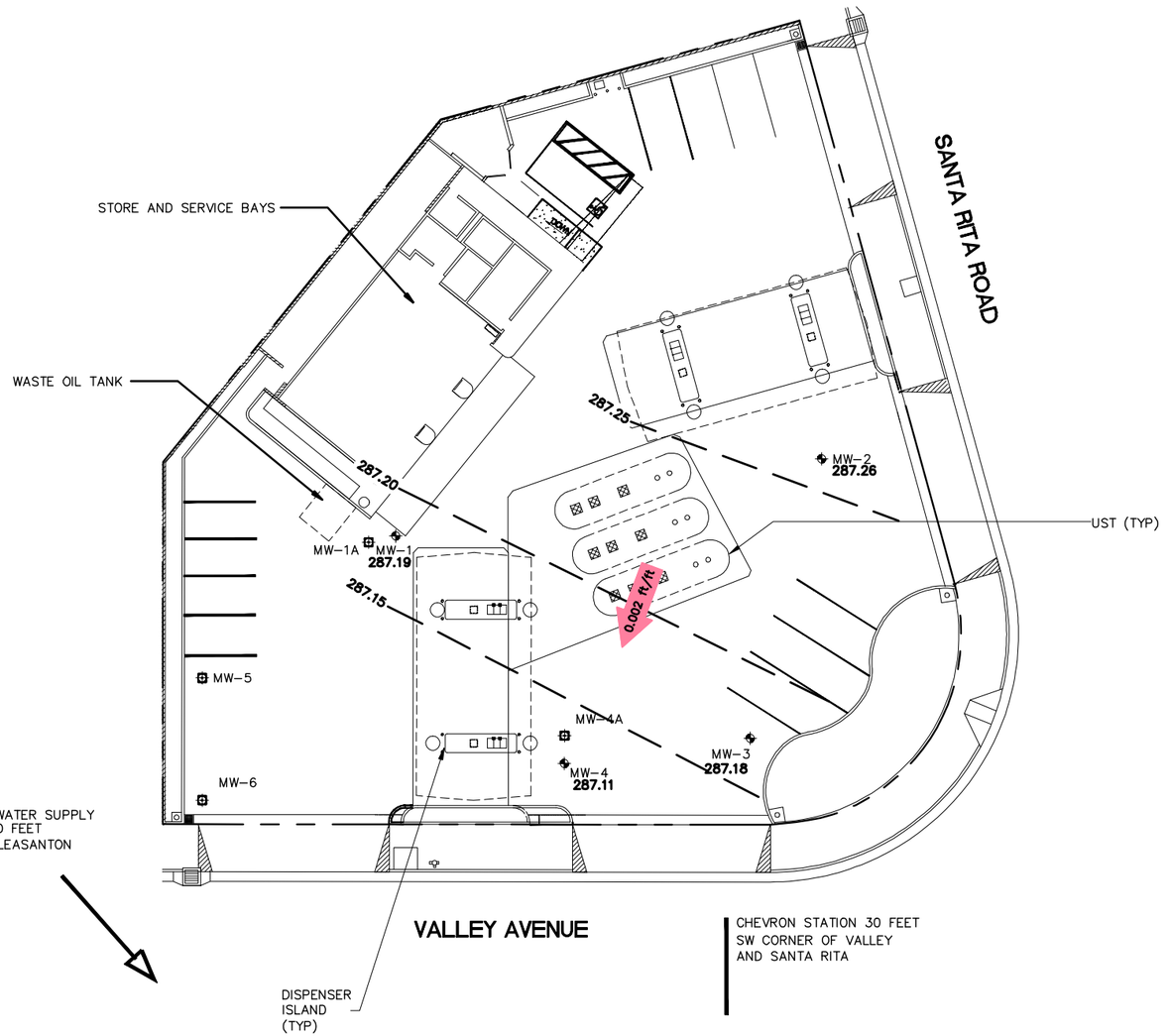
SHELL-BRANDED SERVICE STATION
PLEASANTON, CALIFORNIA

FIGURE 2
GROUNDWATER ELEVATION MAP
(SHALLOW)
4/2/2010

1801 SANTA RITA ROAD
PLEASANTON, CALIFORNIA

PROJECT NUMBER	APPROVED BY	CHECKED BY	DRAWN BY
SCA1801S1D			J.F.F. 5/19/2010



N
W E
S

LEGEND

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

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SHELL-BRANDED SERVICE STATION
PLEASANTON, CALIFORNIA

FIGURE 3
GROUNDWATER ELEVATION CONTOUR MAP
(DEEP)
4/2/2010

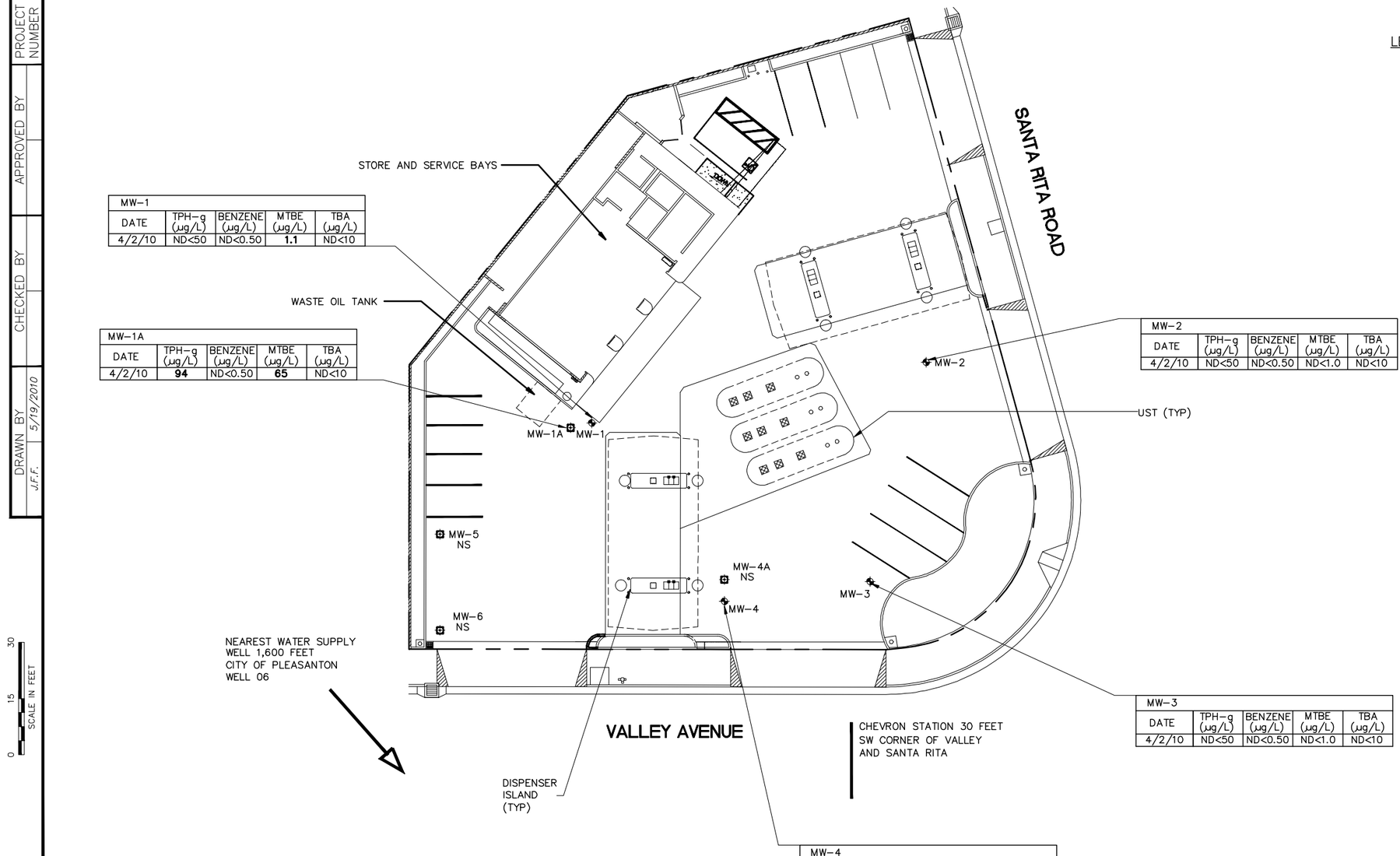
1801 SANTA RITA ROAD
PLEASANTON, CALIFORNIA

PROJECT NUMBER SCA1801S1D

APPROVED BY

CHECKED BY

DRAWN BY J.F.F. 5/19/2010



MW-1				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
4/2/10	ND<50	ND<0.50	**1.1**	ND<10

MW-1A				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
4/2/10	**94**	ND<0.50	**65**	ND<10

MW-2				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
4/2/10	ND<50	ND<0.50	ND<1.0	ND<10

MW-3				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
4/2/10	ND<50	ND<0.50	ND<1.0	ND<10

MW-4				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
4/2/10	ND<50	ND<0.50	ND<1.0	ND<10

N

W E

S

LEGEND

MW-1 ◆	GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION (DEEP)
MW-5 ⊡	GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION (SHALLOW)
TPH-g	TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
MTBE	METHYL TERT-BUTYL ETHER
TBA	TERT-BUTYL ALCOHOL
µg/L	MICROGRAMS PER LITER
ND<	NOT DETECTED ABOVE LIMIT NOTED
NS	NOT SAMPLED

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

FIGURE 4
GROUNDWATER HYDROCARBON DISTRIBUTION MAP
4/2/2010

1801 SANTA RITA ROAD
PLEASANTON, CALIFORNIA

TABLE

TABLE 1
WELL CONCENTRATIONS
Shell-branded Service Station
1801 Santa Rita Road
Pleasanton, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	Total Oil & Grease (mg/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 (ug/L)	EDB (ug/L)	TBA (ug/L)	Total Dissolved Solids (mg/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-1	12/12/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	85.83	NA
MW-1	12/20/2002	<50	<50	NA	<0.50	<0.50	<0.50	0.71	<0.50	<2.0	<2.0	<2.0	NA	NA	<50	NA	NA	85.60	NA
MW-1	3/31/2003	<50	75	NA	<0.50	<0.50	<0.50	<1.0	<5.0	NA	NA	NA	NA	NA	NA	NA	342.10	77.36	264.74
MW-1	6/26/2003	<50	<50	NA	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	NA	NA	<5.0	NA	342.10	72.48	269.62
MW-1	9/15/2003	<50	<50	NA	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	NA	NA	<5.0	NA	342.10	79.03	263.07
MW-1	12/31/2003	<50	<50	NA	<0.50	0.99	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	NA	NA	<5.0	NA	342.10	70.57	271.53
MW-1	3/8/2004	<50	<50	NA	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	NA	NA	<5.0	NA	342.10	65.95	276.15
MW-1	6/16/2004	<50	<50	NA	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	NA	NA	<5.0	NA	342.10	66.50	275.60
MW-1	4/14/2005	<50	<50	NA	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	NA	NA	<5.0	NA	342.10	55.97	286.13
MW-1	10/20/2005	<50	330 b/190 b	NA	0.86	<0.50	<0.50	1.2	0.87	<2.0	<2.0	<2.0	NA	NA	<5.0	NA	342.10	56.51	285.59
MW-1	2/27/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	342.10	45.93	296.17
MW-1	4/19/2006	<50.0	<47.2 c	NA	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	NA	NA	<10.0	NA	342.10	43.15	298.95
MW-1	7/12/2006	<50.0	53.1 c	NA	<0.500	<0.500	<0.500	<1.5	<0.500	<0.500	<0.500	<0.500	NA	NA	<10.0	NA	342.10	44.80	297.30
MW-1	10/6/2006	<50.0	76 c,d	NA	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	NA	NA	<10.0	NA	342.10	44.65	297.45
MW-1	1/19/2007	<50	71 c	NA	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	<20	NA	342.10	39.39	302.71
MW-1	4/3/2007	51 i	150 c,h	NA	<0.50	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	NA	NA	<10	NA	342.10	36.12	305.98
MW-1	7/6/2007	<50 i	<50 c	NA	<0.50	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	NA	NA	<10	NA	342.10	44.15	297.95
MW-1	10/25/2007	<50 i	<50 c	NA	<0.50	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	NA	NA	<10	NA	342.10	40.39	301.71
MW-1	1/10/2008	<50 i	<50 k	NA	<0.50	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	NA	NA	<10	NA	342.10	36.57	305.53
MW-1	4/17/2008	<50	<50 k	NA	<0.50	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	NA	NA	<10	NA	342.10	36.51	305.59
MW-1	7/2/2008	<50	84 h,k	NA	<0.50	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	NA	NA	<10	NA	342.10	41.90	300.20
MW-1	10/14/2008	<50	<50 k	NA	<0.50	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	NA	NA	<10	666	342.10	48.71	293.39
MW-1	1/5/2009	<50	300 h,k	NA	<0.50	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	NA	NA	<10	NA	342.10	45.40	296.70
MW-1	4/14/2009	<50	<50 c	NA	<0.50	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	NA	NA	<10	NA	342.10	42.92	299.18
MW-1	10/6/2009	<50	<50 k	NA	<0.50	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA	<10	NA	342.10	60.70	281.40
MW-1	**4/2/2010**	**<50**	**<50 k**	**NA**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**1.1**	**NA**	**NA**	**NA**	**NA**	**NA**	**<10**	**NA**	**342.10**	**54.91**	**287.19**
MW-1A	2/23/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	341.72	46.95	294.77
MW-1A	2/27/2006	<50.0	55.9 c	NA	4.04	<0.500	<0.500	2.02	3.32	<0.500	<0.500	<0.500	NA	NA	12.5	NA	341.72	45.56	296.16
MW-1A	4/19/2006	<50.0	119 c	NA	1.05	0.990	<0.500	<0.500	1.41	<0.500	<0.500	<0.500	NA	NA	<10.0	NA	341.72	42.78	298.94
MW-1A	7/12/2006	<50.0	79.6 c	<5.21	<0.500	<0.500	<0.500	<1.5	9.82	<0.500	<0.500	<0.500	NA	NA	19.1	NA	341.72	44.41	297.31
MW-1A	10/6/2006	<50.0	90 c,d	3.7	<1.00	<1.00	<1.00	<3.00	7.27	<1.00	<1.00	<1.00	NA	NA	<10.0	NA	341.72	44.22	297.50
MW-1A	1/19/2007	<50	64 c	<2.4	<0.50	<0.50	<0.50	<0.50	15	<0.50	<0.50	<0.50	NA	NA	24	NA	341.72	38.94	302.78
MW-1A	4/3/2007	<50 i	210 c	2.3	0.74	<1.0	<1.0	<1.0	14	<2.0	<2.0	<2.0	NA	NA	<10	NA	341.72	35.67	306.05
MW-1A	7/6/2007	<50 i	68 c	1.3	0.76	<1.0	<1.0	<1.0	38	<2.0	<2.0	<2.0	NA	NA	63	NA	341.72	43.72	298.00
MW-1A	10/25/2007	<50 i	<50 c	<1.0	<0.50	<1.0	<1.0	<1.0	30	<2.0	<2.0	<2.0	NA	NA	29	NA	341.72	39.89	301.83

TABLE 1
WELL CONCENTRATIONS
Shell-branded Service Station
1801 Santa Rita Road
Pleasanton, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	Total Oil & Grease (mg/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 (ug/L)	EDB (ug/L)	TBA (ug/L)	Total Dissolved Solids (mg/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-1A	1/10/2008	<50 i	100 h,k	<1.0	<0.50	<1.0	<1.0	<1.0	23	<2.0	<2.0	<2.0	NA	NA	<10	NA	341.72	36.06	305.66
MW-1A	4/17/2008	<50 i	<50 k	<1.0	<0.50	<1.0	<1.0	<1.0	38	<2.0	<2.0	<2.0	NA	NA	24	NA	341.72	36.13	305.59
MW-1A	7/2/2008	110	200 h,k	3.0	<0.50	<1.0	<1.0	<1.0	65	<2.0	<2.0	<2.0	<0.50	<1.0	75	NA	341.72	41.28	300.44
MW-1A	10/14/2008	440	<50 k	2.6	<0.50	<1.0	<1.0	<1.0	210	<2.0	<2.0	<2.0	1.5	<1.0	300	1,000	341.72	48.16	293.56
MW-1A	1/5/2009	430	<50 k	1.5	<0.50	<1.0	<1.0	<1.0	290	<2.0	<2.0	<2.0	2.3	<1.0	710	NA	341.72	44.85	296.87
MW-1A	4/14/2009	180	<50 c	2.4	<1.0	<2.0	<2.0	<2.0	80	<4.0	<4.0	<4.0	<1.0	<2.0	120	NA	341.72	42.40	299.32
MW-1A	10/6/2009	Insufficient water		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	341.72	57.10	284.62
MW-1A	**4/2/2010**	**94**	**<50 k**	**NA**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**65**	**NA**	**NA**	**NA**	**NA**	**NA**	**<10**	**NA**	**341.72**	**54.55**	**287.17**
MW-2	12/12/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	85.15	NA
MW-2	12/20/2002	<50	<50	NA	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<2.0	<2.0	NA	NA	<50	NA	NA	85.00	NA
MW-2	3/31/2003	<50	63	NA	<0.50	0.71	<0.50	<1.0	<5.0	NA	NA	NA	NA	NA	NA	NA	341.57	76.63	264.94
MW-2	6/26/2003	<50	<50	NA	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	NA	NA	<5.0	NA	341.57	71.94	269.63
MW-2	9/15/2003	<50	<50	NA	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	NA	NA	<5.0	NA	341.57	78.41	263.16
MW-2	12/31/2003	<50	120 a	NA	<0.50	1.3	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	NA	NA	<5.0	NA	341.57	69.96	271.61
MW-2	3/8/2004	<50	110 a	NA	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	NA	NA	<5.0	NA	341.57	65.34	276.23
MW-2	6/16/2004	<50	90 a	NA	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	NA	NA	<5.0	NA	341.57	65.86	275.71
MW-2	4/14/2005	<50	77 a	NA	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	NA	NA	<5.0	NA	341.57	55.35	286.22
MW-2	10/20/2005	<50	75 a/<50	NA	<0.50	<0.50	<0.50	<1.0	0.54	<2.0	<2.0	<2.0	NA	NA	<5.0	NA	341.57	55.89	285.68
MW-2	2/27/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	341.57	45.30	296.27
MW-2	4/19/2006	<50.0	80.1 c	NA	<0.500	<0.500	<0.500	<0.500	0.630	<0.500	<0.500	<0.500	NA	NA	<10.0	NA	341.57	42.56	299.01
MW-2	7/12/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	341.57	44.20	297.37
MW-2	10/6/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	341.57	44.07	297.50
MW-2	1/19/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	341.57	38.79	302.78
MW-2	4/3/2007	<50 i	190 c	NA	<0.50	<1.0	<1.0	<1.0	0.77 j	<2.0	<2.0	<2.0	NA	NA	<10	NA	341.57	35.54	306.03
MW-2	7/6/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	341.57	43.54	298.03
MW-2	10/25/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	341.57	39.77	301.80
MW-2	1/10/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	341.57	35.95	305.62
MW-2	4/17/2008	<50	57 k	NA	<0.50	<1.0	<1.0	<1.0	1.2	<2.0	<2.0	<2.0	NA	NA	<10	NA	341.57	35.90	305.67
MW-2	7/2/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	341.57	41.20	300.37
MW-2	10/14/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	341.57	48.03	293.54
MW-2	1/5/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	341.57	44.67	296.90
MW-2	4/14/2009	<50	<50 c	NA	<0.50	<1.0	<1.0	<1.0	1.0	<2.0	<2.0	<2.0	NA	NA	<10	NA	341.57	42.25	299.32
MW-2	10/6/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	341.57	59.94	281.63
MW-2	**4/2/2010**	**<50**	**67 k**	**NA**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**<1.0**	**<2.0**	**<2.0**	**<2.0**	**NA**	**NA**	**<10**	**NA**	**341.57**	**54.31**	**287.26**

TABLE 1
WELL CONCENTRATIONS
Shell-branded Service Station
1801 Santa Rita Road
Pleasanton, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	Total Oil & Grease (mg/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 (ug/L)	EDB (ug/L)	TBA (ug/L)	Total Dissolved Solids (mg/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-3	12/12/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	85.49	NA
MW-3	12/20/2002	<50	<50	NA	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<2.0	<2.0	NA	NA	<50	NA	NA	85.25	NA
MW-3	3/31/2003	<50	<50	NA	<0.50	<0.50	<0.50	<1.0	<5.0	NA	NA	NA	NA	NA	NA	NA	341.65	76.81	264.84
MW-3	6/26/2003	<50	80 a	NA	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	NA	NA	<5.0	NA	341.65	72.05	269.60
MW-3	9/15/2003	<50	<50	NA	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	NA	NA	<5.0	NA	341.65	78.52	263.13
MW-3	12/31/2003	<50	<50	NA	<0.50	1.2	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	NA	NA	<5.0	NA	341.65	70.15	271.50
MW-3	3/8/2004	<50	<50	NA	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	NA	NA	<5.0	NA	341.65	65.46	276.19
MW-3	6/16/2004	<50	<50	NA	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	NA	NA	<5.0	NA	341.65	65.87	275.78
MW-3	4/14/2005	<50	<50	NA	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	NA	NA	<5.0	NA	341.65	55.50	286.15
MW-3	10/20/2005	<50	55 a/<50	NA	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	NA	NA	<5.0	NA	341.65	55.97	285.68
MW-3	2/27/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	341.65	45.45	296.20
MW-3	4/19/2006	<50.0	200 c	NA	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	NA	NA	20.2	NA	341.65	42.67	298.98
MW-3	7/12/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	341.65	44.32	297.33
MW-3	10/6/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	341.65	44.19	297.46
MW-3	1/19/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	341.65	38.98	302.67
MW-3	4/3/2007	<50 i	140 c	NA	0.21 j	<1.0	<1.0	<1.0	0.29 j	<2.0	<2.0	<2.0	NA	NA	<10	NA	341.65	35.72	305.93
MW-3	7/6/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	341.65	43.69	297.96
MW-3	10/25/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	341.65	39.90	301.75
MW-3	1/10/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	341.65	36.12	305.53
MW-3	4/17/2008	<50	95 k	NA	<0.50	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	NA	NA	<10	NA	341.65	36.02	305.63
MW-3	7/2/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	341.65	41.35	300.30
MW-3	10/14/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	341.65	48.24	293.41
MW-3	1/5/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	341.65	44.79	296.86
MW-3	4/14/2009	<50	73 c	NA	<0.50	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	NA	NA	<10	NA	341.65	42.35	299.30
MW-3	10/6/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	341.65	60.08	281.57
MW-3	**4/2/2010**	**<50**	**<50 k**	**NA**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**<1.0**	**NA**	**NA**	**NA**	**NA**	**NA**	**<10**	**NA**	**341.65**	**54.47**	**287.18**
MW-4	12/12/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	84.36	NA
MW-4	12/20/2002	<50	69	NA	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<2.0	<2.0	NA	NA	<50	NA	NA	84.15	NA
MW-4	3/31/2003	<50	70	NA	<0.50	<0.50	<0.50	<1.0	<0.50	NA	NA	NA	NA	NA	NA	NA	340.68	75.90	264.78
MW-4	6/26/2003	<50	86 a	NA	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	NA	NA	<5.0	NA	340.68	71.01	269.67
MW-4	9/15/2003	<50	120 a	NA	1.0	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	NA	NA	<5.0	NA	340.68	77.57	263.11
MW-4	12/31/2003	<50	<50	NA	<0.50	0.64	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	NA	NA	<5.0	NA	340.68	69.15	271.53
MW-4	3/8/2004	<50	<50	NA	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	NA	NA	<5.0	NA	340.68	64.51	276.17
MW-4	6/16/2004	<50	<50	NA	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	NA	NA	<5.0	NA	340.68	65.04	275.64
MW-4	4/14/2005	<50	<50	NA	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	NA	NA	<5.0	NA	340.68	54.53	286.15

TABLE 1
WELL CONCENTRATIONS
Shell-branded Service Station
1801 Santa Rita Road
Pleasanton, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	Total Oil & Grease (mg/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 (ug/L)	EDB (ug/L)	TBA (ug/L)	Total Dissolved Solids (mg/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-4	10/20/2005	<50	<50	NA	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	NA	NA	<5.0	NA	340.68	55.05	285.63
MW-4	2/27/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	340.68	44.49	296.19
MW-4	4/19/2006	<50.0	265 c	NA	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	NA	NA	<10.0	NA	340.68	41.72	298.96
MW-4	7/12/2006	<50.0	652 c	NA	<0.500	<0.500	<0.500	<1.5	<0.500	<0.500	<0.500	<0.500	NA	NA	<10.0	NA	340.68	43.34	297.34
MW-4	10/6/2006	<50.0	320 c,d	NA	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	NA	NA	<10.0	NA	340.68	43.23	297.45
MW-4	1/19/2007	<50	79 c	NA	<0.50	<0.50	<0.50	0.88	<0.50	<0.50	<0.50	<0.50	NA	NA	<20	NA	340.68	38.12	302.56
MW-4	4/3/2007	<50 i	1,200 c,h	NA	<0.50	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	NA	NA	<10	NA	340.68	34.55	306.13
MW-4	7/6/2007	<50 i	<50 c	NA	<0.50	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	NA	NA	<10	NA	340.68	42.75	297.93
MW-4	10/25/2007	<50 i	1,400 c,h	NA	<0.50	0.30 j	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	NA	NA	<10	NA	340.68	38.92	301.76
MW-4	1/10/2008	<50 i	<50 k	NA	<0.50	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	NA	NA	<10	NA	340.68	35.22	305.46
MW-4	4/17/2008	<50	<50 k	NA	<0.50	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	NA	NA	<10	NA	340.68	35.03	305.65
MW-4	7/2/2008	<50	59 h,k	NA	<0.50	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	NA	NA	<10	NA	340.68	40.53	300.15
MW-4	10/14/2008	<50	<50 k	NA	<0.50	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	NA	NA	<10	686	340.68	47.43	293.25
MW-4	1/5/2009	<50	<50 k	NA	<0.50	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	NA	NA	<10	NA	340.68	44.00	296.68
MW-4	4/14/2009	<50	<50 c	NA	<0.50	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	NA	NA	<10	NA	340.68	41.43	299.25
MW-4	10/6/2009	<50	72 h,k	NA	<0.50	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA	<10	NA	340.68	59.10	281.58
MW-4	**4/2/2010**	**<50**	**<50 k**	**NA**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**<1.0**	**NA**	**NA**	**NA**	**NA**	**NA**	**<10**	**NA**	**340.68**	**53.57**	**287.11**
MW-4A	2/23/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	340.77	46.55	294.22
MW-4A	2/27/2006	3,280	246 c	NA	232	135	27.2	306	10.2	<0.500	<0.500	<0.500	NA	NA	<10.0	NA	340.77	44.61	296.16
MW-4A	4/19/2006	15,000	967 c	NA	2,620	1,280	518	1,460	34.9	<0.500	<0.500	<0.500	NA	NA	<10.0	NA	340.77	41.82	298.95
MW-4A	7/12/2006	25,900	<47.2 c	NA	3,720	749	728	1,770	37.6	<0.500	<0.500	<0.500	NA	NA	32.2	NA	340.77	43.48	297.29
MW-4A	10/6/2006	4,340	560 c,d	NA	573	14.9	193	132	16.4	<1.00	<1.00	<1.00	NA	NA	<10.0	NA	340.77	43.42	297.35
MW-4A	1/19/2007	3,700	420 c	NA	1,300 e,f,g	150	350	400	40	<2.5	<2.5	<2.5	NA	NA	<100	NA	340.77	38.03	302.74
MW-4A	4/3/2007	2,200 i	1,200 c	NA	240	5.0	240	9.4	41	<2.0	<2.0	<2.0	NA	NA	44	NA	340.77	34.78	305.99
MW-4A	7/6/2007	1,300 i	290 c	NA	130	6.5	130	40.7	29	<2.0	<2.0	<2.0	NA	NA	72	NA	340.77	42.91	297.86
MW-4A	10/25/2007	400 i	220 c,h	NA	3.8	0.50 j	3.7	1.37 j	34	<2.0	<2.0	<2.0	NA	NA	200	NA	340.77	39.12	301.65
MW-4A	1/10/2008	200 i	150 h, k	NA	8.8	0.75 j	2.4	0.37 j	40	<2.0	<2.0	<2.0	NA	NA	310	NA	340.77	35.20	305.57
MW-4A	4/17/2008	400 i	150 h, k	NA	31	3.4	5.6	1.9	60	<2.0	<2.0	<2.0	NA	NA	220	NA	340.77	35.21	305.56
MW-4A	7/2/2008	570	110 h,k	NA	5.1	<1.0	<1.0	<1.0	120	<2.0	<2.0	<2.0	7.6	<1.0	640	NA	340.77	40.48	300.29
MW-4A	10/14/2008	70	<50 k	NA	<0.50	<1.0	<1.0	<1.0	6.4	<2.0	<2.0	<2.0	<0.50	<1.0	14	814	340.77	47.50	293.27
MW-4A	1/5/2009	660	93 h,k	NA	1.5	<1.0	<1.0	<1.0	250	<2.0	<2.0	<2.0	4.7	<1.0	1,300	NA	340.77	44.04	296.73
MW-4A	4/14/2009	1,900	<50 c	NA	91	30	61	130	200	<2.0	<2.0	<2.0	<0.50	<1.0	1,200	NA	340.77	41.55	299.22
MW-4A	6/17/2009	170	<50	NA	<0.50	<1.0	<1.0	<1.0	88	<2.0	<2.0	<2.0	2.6	<1.0	470	NA	340.77	46.62	294.15
MW-4A	10/6/2009	Insufficient water		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	340.77	54.41	286.36
MW-4A	**4/2/2010**	**Insufficient water**		**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**340.77**	**53.65**	**287.12**

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WELL CONCENTRATIONS
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1801 Santa Rita Road
Pleasanton, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	Total Oil & Grease (mg/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 (ug/L)	EDB (ug/L)	TBA (ug/L)	Total Dissolved Solids (mg/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-5	2/23/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	340.86	45.10	295.76
MW-5	2/27/2006	<50.0	<50.0 c	NA	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	NA	NA	<10.0	NA	340.86	44.69	296.17
MW-5	4/19/2006	<50.0	<47.2 c	NA	0.810	0.810	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	NA	NA	<10.0	NA	340.86	41.95	298.91
MW-5	7/12/2006	<50.0	71.6 c	NA	<0.500	<0.500	<0.500	<1.5	<0.500	<0.500	<0.500	<0.500	NA	NA	<10.0	NA	340.86	43.44	297.42
MW-5	10/6/2006	<50.0	260 c,d	NA	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00	NA	NA	<10.0	NA	340.86	43.46	297.40
MW-5	1/19/2007	<50	<50 c	NA	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	<20	NA	340.86	38.09	302.77
MW-5	4/3/2007	<50 i	120 c,h	NA	<0.50	<1.0	<1.0	<1.0	0.34 j	<2.0	<2.0	<2.0	NA	NA	<10	NA	340.86	34.91	305.95
MW-5	7/6/2007	<50 i	<50 c	NA	<0.50	<1.0	<1.0	<1.0	1.3	<2.0	<2.0	<2.0	NA	NA	<10	NA	340.86	42.95	297.91
MW-5	10/25/2007	<50 i	<50 c	NA	<0.50	0.34 j	<1.0	<1.0	1.7	<2.0	<2.0	<2.0	NA	NA	<10	NA	340.86	39.16	301.70
MW-5	1/10/2008	<50 i	82 h,k	NA	<0.50	<1.0	<1.0	<1.0	1.1	<2.0	<2.0	<2.0	NA	NA	<10	NA	340.86	35.30	305.56
MW-5	4/17/2008	<50 i	<50 k	NA	<0.50	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	NA	NA	<10	NA	340.86	35.42	305.44
MW-5	7/2/2008	<50	<50 k	NA	<0.50	<1.0	<1.0	<1.0	3.2	<2.0	<2.0	<2.0	<0.50	<1.0	<10	NA	340.86	40.66	300.20
MW-5	10/14/2008	59	<50 k	NA	<0.50	<1.0	<1.0	<1.0	22	<2.0	<2.0	<2.0	<0.50	<1.0	<10	963	340.86	47.60	293.26
MW-5	1/5/2009	<50	<50 k	NA	<0.50	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	<0.50	<1.0	<10	NA	340.86	44.16	296.70
MW-5	4/14/2009	<50	<50 c	NA	<0.50	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	<0.50	<1.0	<10	NA	340.86	41.73	299.13
MW-5	10/6/2009	Insufficient water		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	340.86	54.21	286.65
MW-5	**4/2/2010**	**Insufficient water**		**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**340.86**	**53.68**	**287.18**
MW-6	9/12/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	42.20	NA
MW-6	9/19/2007	<50 i	<50 c	NA	<0.50	<1.0	<1.0	<1.0	2.5	NA	NA	NA	NA	NA	<10	NA	NA	41.85	NA
MW-6	10/25/2007	<50 i	<50 c	NA	<0.50	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	NA	NA	<10	NA	340.34	38.63	301.71
MW-6	1/10/2008	<50 i	<50 k	NA	<0.50	<1.0	<1.0	<1.0	0.86 j	<2.0	<2.0	<2.0	NA	NA	<10	NA	340.34	35.29	305.05
MW-6	4/17/2008	<50 i	<50 k	NA	<0.50	<1.0	<1.0	<1.0	1.8	<2.0	<2.0	<2.0	NA	NA	<10	NA	340.34	34.95	305.39
MW-6	7/2/2008	Well Inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	340.34	NA	NA
MW-6	10/14/2008	<50	<50 k	NA	<0.50	<1.0	<1.0	<1.0	12	<2.0	<2.0	<2.0	<0.50	<1.0	<10	903	340.34	47.21	293.13
MW-6	1/5/2009	<50	<50 k	NA	<0.50	<1.0	<1.0	<1.0	15	<2.0	<2.0	<2.0	<0.50	<1.0	<10	NA	340.34	43.86	296.48
MW-6	4/14/2009	81	<50 c	NA	<0.50	<1.0	<1.0	<1.0	25	<2.0	<2.0	<2.0	<0.50	<1.0	13	NA	340.34	41.30	299.04
MW-6	10/6/2009	Insufficient water		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	340.34	54.16	286.18
MW-6	**4/2/2010**	**Insufficient water**		**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**340.34**	**53.65**	**286.69**

TABLE 1
WELL CONCENTRATIONS
Shell-branded Service Station
1801 Santa Rita Road
Pleasanton, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	Total Oil & Grease (mg/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 (ug/L)	EDB (ug/L)	TBA (ug/L)	Total Dissolved Solids (mg/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)

Abbreviations:
TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B.
TEPH = Total petroleum hydrocarbons as diesel by modified EPA Method 8015.
BTEX = Benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B.
MTBE = Methyl tertiary butyl ether
DIPE = Di-isopropyl ether
ETBE = Ethyl tertiary butyl ether
TAME = Tertiary amyl methyl ether
TBA = Tertiary Butanol or Tertiary butyl alcohol
n/n = TEPH/TEPH w/Silica Gel Clean-up
TOC = Top of Casing Elevation
GW = Groundwater
ug/L = Parts per billion
MSL = Mean sea level
ft. = Feet
<n = Below detection limit
NA = Not applicable

TABLE 1
WELL CONCENTRATIONS
Shell-branded Service Station
1801 Santa Rita Road
Pleasanton, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	Total Oil & Grease (mg/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 (ug/L)	EDB (ug/L)	TBA (ug/L)	Total Dissolved Solids (mg/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)

Notes:

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

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

c = Analysis with Silica Gel clean-up.

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

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

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

g = pH=7

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

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

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

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

Site surveyed January 14, 2003 by Mid Coast Engineers.

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

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

APPENDIX A

REGULATORY LETTER

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-93

July 14, 2009

Mr. Denis Brown
Shell Oil Products US
20945 S. Wilmington Ave.
Carson, CA 90810-1039

Subject: Groundwater Sampling Frequency Reductions in Response to State Water Resources Control Board Resolution No. 2009-0042

Dear Mr. Brown:

Alameda County Environmental Health (ACEH) staff has reviewed your proposal to reduce groundwater monitoring frequency as summarized in the attached table. This table was submitted to ACEH via email on July 13, 2009. In accordance with State Water Resources Control Board Resolution No. 2009-0042, your proposal to reduce sampling frequencies and modify analytes as proposed for the sites listed in the attached table, is acceptable. Please submit groundwater monitoring reports no later than 45 days following the end of the quarter in which the sampling was conducted.

If you have any questions, please call me at (510) 567-6791 or send me an electronic mail message at jerry.wickham@acgov.org.

Sincerely,

Jerry Wickham, California PG 3766, CEG 1177, and CHG 297
Senior Hazardous Materials Specialist

Attachment: Proposed Groundwater Monitoring Frequencies

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Suzanne McClurkin-Nelson, Delta Environmental, 312 Piercy Road, San Jose, CA 95138

Regina Bussard, Delta Environmental, 312 Piercy Road, San Jose, CA 95138

Cheryl Dizon, QIC 80201, Zone 7 Water Agency, 100 North Canyons Parkway
Livermore, CA 94551

Danielle Stefani, Livermore-Pleasanton Fire Department, 3560 Nevada Street
Pleasanton, CA 94566

			Previous Schedule (Enter Number of Wells)					Proposed Schedule (Enter Number of Wells)					Reasons for Monthly or Quarterly Groundwater Monitoring (Check Where Applicable)							
ACEH Case Number	Site Address	City	Monthly	Quarterly	Semiannual	Annual	Other	Monthly (Show total number of wells and list individual well designations)	Quarterly (Show total number of wells and list individual well designations)	Semiannual (Also Show Proposed Quarters 1&3 or 2&4)	Annual	Other	Assessment Incomplete	NDR Permit Required	Well Being Sampled during Remedial Action for Progress Assessment	Well Being Sampled for Free Product Evaluation and Reduction Verification	Well Being Sampled within First Year of Being Installed	Well Being Sampled for Post-Remedial Action Verification Monitoring	Well Has not Shown Reliable Consistency Yet to Warrant Reduction in Sampling Frequency	Well is Last Point of Monitoring Prior to Possible Impact to Receptor
RO0000213	11989 Dublin Boulevard	Dublin			6					6 (1/3)										
RO0000372	15275 Washington Avenue	San Leandro			4	8				4 (1/3)	8 (1Q)									
RO0002882	1801 Santa Rita Road	Pleasanton		6		2				6 (2/4)	2 (2Q)	Discontinue analyses for DIPE, ETBE, TAME, EDB, and 1,2-DCA (all wells)								
RO0000363	3790 Hopyard Road	Pleasanton		20						10 (1/3)	10 (1Q)	Reduce analyses for DIPE, ETBE, TAME, 1,2-DCA , and ethanol to annual (1Q-all wells)								
RO0000360	4226 First Street (aka 4212)	Pleasanton		5					5 wells MW-1 MW-1B MW-2 MW-3 MW-4						X					
RO0000194	5251 Hopyard Road	Pleasanton		10						9 (1/3)	4 (1Q)	Discontinue analyses for DIPE ETBE and TAME (all wells)								
RO0002522	6750 Santa Rita Road	Pleasanton		7						7 (2/4)		Discontinue analyses for DIPE, ETBE, TAME, EDB, and 1,2-DCA (all wells)								
RO0002744	8999 San Ramon Road	Dublin		10 to 16			6 wells destroyed in 2008 due to onsite redevelop-ment		9 wells MW-5 MW-5B MW-5C MW-7 MW-8 MW-8B MW-9 MW-11B MW-12			Discontinue monitoring and sampling MW-11					X (new replace-ment wells to be installed in 2009-2010)		X (issues with several wells being dry or having insufficient water for sampling)	

APPENDIX B

BLAINE TECH SERVICES, INC.

FIELD DATA SHEETS

SHELL WELLHEAD INSPECTION FORM

(FOR SAMPLE TECHNICIAN)

Site Address ~~100402-JP1~~ 1001 SANTA RITA RD. PLEASANTON, CA Date 4/2/10

Job Number 100402-JP1 Technician J. PARKER Page 1 of 1

Well ID	Well Inspected - No Corrective Action Required	Well Box Meets Compliance Requirements *See Below	Water Bailed From Wellbox	Cap Replaced	Lock Replaced	Well Not Inspected (explain in notes)	New Deficiency Identified	Previously Identified Deficiency Persists	Notes
MW-1	X	X							
MW-1A	X	X							
MW-2	X	X							
MW-3	X	X							
MW-4	X	X	X						
MW-4A	X	X							
MW-5	X	X							
MW-6	X	X							

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

Notes:

WELL GAUGING DATA

Project # 100402-JP1 Date 4/2/10 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	0810	4	—	—	—	—	54.91	91.74		
MW-1A	0805	4	—	—	—	—	54.55	57.10		
MW-2	0810	4	—	—	—	—	54.31	93.03		
MW-3	0815	3/4	—	—	—	—	54.47	96.85		
MW-4	0825	1/2	—	—	—	—	53.57	94.41		
MW-4A	0820	4	—	—	—	—	53.65	54.50		
MW-5	0800	4	—	—	—	—	53.68	54.43		
MW-6	0755	4	—	—	—	—	53.65	54.61		

SHEET WELL MONITORING DATA SHEET

BTS #: 100402-JP1	Site: 1800 SANTA RITA RD. PLEASANTON CA
Sampler: JP	Date: 4/2/10
Well I.D.: MW-1	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 91.47	Depth to Water (DTW): 54.91
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]: 62.22	

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: _____

23.8 (Gals.) X	3	=	71.4 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1010	59.6	7.22	1402	37	23.8	
1015	61.6	7.04	1398	16	47.6	
1020	61.5	7.02	1396	7	71.4	

Did well dewater? Yes (No) Gallons actually evacuated: 71.4

Sampling Date: 4/2/10 Sampling Time: 1025 Depth to Water: 54.90

Sample I.D.: MW-1 Laboratory: (CalScience) Columbia Other_____

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: SEE COC

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

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) 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

SHEET ELL MONITORING DATA SHEET

BTS #: 100402-JP1	Site: 1800 SANTA RITA RD. PLEASANTON CA
Sampler: JP	Date: 4/2/10
Well I.D.: MW-1A	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 57.10	Depth to Water (DTW): 54.55
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]: 55.06	

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

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

1.7 (Gals.) X	3	=	5.1 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1244	62.3	7.18	1946	>1000	1.7	GREY CLOUDY
1248	63.4	6.91	1869	>1000	3.4	" "
1252	63.1	6.99	1853	>1000	5.1	" "

Did well dewater? Yes (No) Gallons actually evacuated: 5.1

Sampling Date: 4/2/10 Sampling Time: 1300 Depth to Water: 54.63

Sample I.D.: MW-1A Laboratory: (CalScience) Columbia Other_____

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: SEE COC

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

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) 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

SHEET WELL MONITORING DATA SHEET

BTS #: 100402-JP1	Site: 1800 SANTA RITA RD. PLEASANTON CA
Sampler: JP	Date: 4/2/10
Well I.D.: MW-2	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 93.03	Depth to Water (DTW): 54.31
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]: 62.05	

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: ____

25.2 (Gals.) X 3 = 75.6 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1219	62.0	7.55	1370	508	25.2	
1224	62.3	7.10	1357	54	50.4	
1229	62.6	7.10	1360	12	75.6	

Did well dewater? Yes (No) Gallons actually evacuated: 75.6

Sampling Date: 4/2/10 Sampling Time: 1235 Depth to Water: 54.43

Sample I.D.: MW-2 Laboratory: (CalScience) Columbia Other ____

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: SEE COC

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

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) 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

SHEET WELL MONITORING DATA SHEET

BTS #: 100402-JP1	Site: 1800 SANTA RITA RD. PLEASANTON CA
Sampler: JP	Date: 4/2/10
Well I.D.: MW-3	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 96.85	Depth to Water (DTW): 54.47
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]: 62.95	

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: _____

27.6 (Gals.) X 3 = 82.8 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1042	61.7	7.53	1324	202	27.6	
1048	62.4	7.11	1333	51	55.2	
1054	62.6	7.06	1331	21	82.8	

Did well dewater? Yes (No) Gallons actually evacuated: 82.8

Sampling Date: 4/2/10 Sampling Time: 1100 Depth to Water: 54.48

Sample I.D.: MW-3 Laboratory: (CalScience) Columbia Other_____

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: SEE COC

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

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) 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	

SHEET WELL MONITORING DATA SHEET

BTS #: 100402-JP1	Site: 1800 SANTA RITA RD. PLEASANTON CA
Sampler: JP	Date: 4/2/10
Well I.D.: MW-4	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 94.01	Depth to Water (DTW): 53.57
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]: 61.74	

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

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

6.5 (Gals.) X 3 = 19.5 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
0922	61.2	7.81	1402	>1000	6.5	
0930	59.9	7.20	1385	>1000	13.0	
0938	59.8	7.23	1382	>1000	19.5	

Did well dewater? Yes (No) Gallons actually evacuated: 19.5

Sampling Date: 4/2/10 Sampling Time: 0945 Depth to Water: 53.62

Sample I.D.: MW-4 Laboratory: (CalScience) Columbia Other_____

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: SEE COC

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

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) 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

SHEET WELL MONITORING DATA SHEET

BTS #: 100402-JP1	Site: 1800 SANTA RITA RD. PLEASANTON CA
Sampler: JP	Date: 4/2/10
Well I.D.: MW-4A	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 54.50	Depth to Water (DTW): 53.65
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]:	

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

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

_____(Gals.) X _____ = _____ 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
INSUFFICIENT WATER TO PURGE OR SAMPLE						

Did well dewater? Yes No Gallons actually evacuated:

Sampling Date: 4/2/10 Sampling Time: Depth to Water:

Sample I.D.: MW- Laboratory: (CalScience) Columbia Other_____

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: SEE COC

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

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) 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	

SHEET ELL MONITORING DATA SHEET

BTS #: 100402-JP1	Site: 1800 SANTA RITA RD. PLEASANTON CA
Sampler: JP	Date: 4/2/10
Well I.D.: MW-5	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 54.43	Depth to Water (DTW): 53.68
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]:	

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

Sampling Method: Bailer, Disposable Bailer, Extraction Port, Dedicated Tubing, Other: _____

_____(Gals.) X _____ = _____ 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
INSUFFICIENT WATER TO PURGE OR SAMPLE						

Did well dewater? Yes No		Gallons actually evacuated:	
Sampling Date: 4/2/10	Sampling Time:	Depth to Water:	
Sample I.D.: MW-		Laboratory: (CalScience) Columbia Other_____	
Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5)		Other: SEE COC	
EB I.D. (if applicable):	@ Time	Duplicate I.D. (if applicable):	
Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5)		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

SHEET ELL MONITORING DATA SHEET

BTS #: 100402-JP1	Site: 1800 SANTA RITA RD. PLEASANTON CA
Sampler: JP	Date: 4/2/10
Well I.D.: MW-6	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 54.61	Depth to Water (DTW): 53.65
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]:	

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

Sampling Method: Bailer, Disposable Bailer, Extraction Port, Dedicated Tubing, Other:_____

_____(Gals.) X _____ = _____ 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
INSUFFICIENT WATER TO PURGE OR SAMPLE.						

Did well dewater? Yes No Gallons actually evacuated:

Sampling Date: 4/2/10 Sampling Time: Depth to Water:

Sample I.D.: MW- Laboratory: (CalScience) Columbia Other_____

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: SEE COC

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

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) 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 C

BLAINE TECH SERVICES, INC.

FIELD PROCEDURES

BLAINE
TECH SERVICES INC.

GROUNDWATER SAMPLING SPECIALISTS
SINCE 1985

April 16, 2010

Denis Brown
Shell Oil Products US
20945 S. Wilmington Avenue
Carson, CA 90810

Second Quarter 2010 Groundwater Monitoring at
Shell-branded Service Station
1801 Santa Rita Road
Pleasanton, CA

Monitoring performed on April 2, 2010

Groundwater Monitoring Report **100402-JP-1**

This report covers the routine monitoring of groundwater wells at this Shell-branded facility. In accordance with standard procedures that conform to Regional Water Quality Control Board requirements, routine field data collection includes depth to water, total well depth, thickness of any separate immiscible layer, water column volume, calculated purge volume (if applicable), elapsed evacuation time (if applicable), total volume of water removed (if applicable), and standard water parameter instrument readings. Sample material is collected, contained, stored, and transported to the laboratory in conformance with EPA standards. Purgewater (if applicable) is, likewise, collected and transported to the Martinez Refining Company.

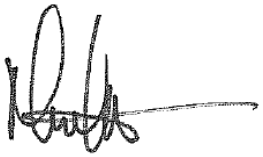
Basic field information is presented alongside analytical values excerpted from the laboratory report in the cumulative table of **WELL CONCENTRATIONS**. The full analytical report for the most recent samples and the field data sheets are attached to this report.

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

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

Please call if you have any questions.

Yours truly,



Mike Ninokata
Project Manager

MN/np

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

cc: Regina Bussard
Delta Environmental
4006 148th Ave. NE
Redmond, WA. 98052

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 D

LABORATORY REPORT AND CHAIN-OF-CUSTODY DOCUMENTATION

Calscience Environmental Laboratories, Inc.

April 14, 2010

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

Subject: **Calscience Work Order No.: 10-04-0309**
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 4/6/2010 and analyzed in accordance with the attached chain-of-custody.

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

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

Sincerely,

Philip Hamelle for

Calscience Environmental
Laboratories, Inc.
Xuan H. Dang
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	04/06/10
1680 Rogers Avenue		Work Order No:	10-04-0309
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	**10-04-0309-1-D**	**04/02/10 10:25**	**Aqueous**	**GC 27**	**04/08/10**	**04/09/10 18:55**	**100408B06**

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	104	68-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-1A	**10-04-0309-2-D**	**04/02/10 13:00**	**Aqueous**	**GC 27**	**04/08/10**	**04/09/10 19:13**	**100408B06**

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	103	68-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-2	**10-04-0309-3-D**	**04/02/10 12:35**	**Aqueous**	**GC 27**	**04/08/10**	**04/09/10 19:50**	**100408B06**

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

Parameter	Result	RL	DF	Qual	Units
Diesel Range Organics	67	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-3	**10-04-0309-4-D**	**04/02/10 11:00**	**Aqueous**	**GC 27**	**04/08/10**	**04/09/10 20:08**	**100408B06**

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	112	68-140	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.	Date Received:	04/06/10
1680 Rogers Avenue	Work Order No:	10-04-0309
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-4	**10-04-0309-5-D**	**04/02/10 09:45**	**Aqueous**	**GC 27**	**04/08/10**	**04/09/10 20:27**	**100408B06**

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	110	68-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-211-1,609**	**N/A**	**Aqueous**	**GC 27**	**04/08/10**	**04/09/10 18:01**	**100408B06**

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

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	110	68-140	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	04/06/10
1680 Rogers Avenue		Work Order No:	10-04-0309
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-1	**10-04-0309-1-A**	**04/02/10 10:25**	**Aqueous**	**GC/MS LL**	**04/07/10**	**04/07/10 21:19**	**100407L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	1.1	1.0	1	
Ethylbenzene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Toluene	ND	1.0	1		TPPH	ND	50	1	
Xylenes (total)	ND	1.0	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	94	80-132			1,2-Dichloroethane-d4	102	80-141		
Toluene-d8	96	80-120			Toluene-d8-TPPH	100	88-112		
1,4-Bromofluorobenzene	90	76-120							

MW-1A	**10-04-0309-2-A**	**04/02/10 13:00**	**Aqueous**	**GC/MS LL**	**04/07/10**	**04/07/10 21:49**	**100407L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	65	1.0	1	
Ethylbenzene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Toluene	ND	1.0	1		TPPH	94	50	1	
Xylenes (total)	ND	1.0	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	100	80-132			1,2-Dichloroethane-d4	106	80-141		
Toluene-d8	97	80-120			Toluene-d8-TPPH	103	88-112		
1,4-Bromofluorobenzene	90	76-120							

MW-3	**10-04-0309-4-A**	**04/02/10 11:00**	**Aqueous**	**GC/MS LL**	**04/07/10**	**04/07/10 22:18**	**100407L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
Ethylbenzene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Toluene	ND	1.0	1		TPPH	ND	50	1	
Xylenes (total)	ND	1.0	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	100	80-132			1,2-Dichloroethane-d4	102	80-141		
Toluene-d8	97	80-120			Toluene-d8-TPPH	101	88-112		
1,4-Bromofluorobenzene	91	76-120							

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	04/06/10
1680 Rogers Avenue		Work Order No:	10-04-0309
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-4	**10-04-0309-5-A**	**04/02/10 09:45**	**Aqueous**	**GC/MS LL**	**04/07/10**	**04/07/10 22:46**	**100407L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
Ethylbenzene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Toluene	ND	1.0	1		TPPH	ND	50	1	
Xylenes (total)	ND	1.0	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	98	80-132			1,2-Dichloroethane-d4	104	80-141		
Toluene-d8	97	80-120			Toluene-d8-TPPH	101	88-112		
1,4-Bromofluorobenzene	89	76-120							

Method Blank	**099-12-767-3,705**	**N/A**	**Aqueous**	**GC/MS LL**	**04/07/10**	**04/07/10 14:53**	**100407L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
Ethylbenzene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Toluene	ND	1.0	1		TPPH	ND	50	1	
Xylenes (total)	ND	1.0	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	99	80-132			1,2-Dichloroethane-d4	100	80-141		
Toluene-d8	96	80-120			Toluene-d8-TPPH	101	88-112		
1,4-Bromofluorobenzene	89	76-120							

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	04/06/10
1680 Rogers Avenue		Work Order No:	10-04-0309
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-2	**10-04-0309-3-A**	**04/02/10 12:35**	**Aqueous**	**GC/MS LL**	**04/07/10**	**04/07/10 23:16**	**100407L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
Xylenes (total)	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1		TPPH	ND	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	99	80-132			1,2-Dichloroethane-d4	104	80-141		
Toluene-d8	96	80-120			Toluene-d8-TPPH	101	88-112		
1,4-Bromofluorobenzene	90	76-120							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-767-3,705**	**N/A**	**Aqueous**	**GC/MS LL**	**04/07/10**	**04/07/10 14:53**	**100407L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
Xylenes (total)	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1		TPPH	ND	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	99	80-132			1,2-Dichloroethane-d4	100	80-141		
Toluene-d8	96	80-120			Toluene-d8-TPPH	101	88-112		
1,4-Bromofluorobenzene	89	76-120							

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.	Date Received:	04/06/10
1680 Rogers Avenue	Work Order No:	10-04-0309
San Jose, CA 95112-1105		

Project: 1801 Santa Rita Rd., Pleasanton, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix
MW-1A	**10-04-0309-2**	**04/02/10**	**Aqueous**

Comment(s): (22) The sample extract was subjected to Silica Gel treatment prior to analysis.

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
HEM - SGT: Oil and Grease (22)	ND	1.0	1		mg/L	04/09/10	04/09/10	EPA 1664A

Method Blank	**N/A**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
HEM - SGT: Oil and Grease	ND	1.0	1		mg/L	04/09/10	04/09/10	EPA 1664A

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

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

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

Date Received: 04/06/10
Work Order No: 10-04-0309
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
10-04-0156-2	**Aqueous**	**GC/MS LL**	**04/07/10**	**04/07/10**	**100407S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	103	105	72-120	1	0-20	
Carbon Tetrachloride	114	119	63-135	4	0-20	
Chlorobenzene	101	105	80-120	3	0-20	
1,2-Dibromoethane	106	109	80-120	3	0-20	
1,2-Dichlorobenzene	99	100	80-120	1	0-20	
1,1-Dichloroethene	110	112	60-132	2	0-24	
Ethylbenzene	102	105	78-120	3	0-20	
Toluene	102	104	74-122	1	0-20	
Trichloroethene	103	106	69-120	2	0-20	
Vinyl Chloride	110	110	58-130	0	0-20	
Methyl-t-Butyl Ether (MTBE)	104	107	72-126	2	0-21	
Tert-Butyl Alcohol (TBA)	102	108	72-126	5	0-20	
Diisopropyl Ether (DIPE)	105	107	71-137	2	0-23	
Ethyl-t-Butyl Ether (ETBE)	105	107	74-128	2	0-20	
Tert-Amyl-Methyl Ether (TAME)	99	101	76-124	2	0-20	
Ethanol	90	96	35-167	6	0-48	

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:	10-04-0309
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
099-12-211-1,609	**Aqueous**	**GC 27**	**04/08/10**	**04/09/10**	**100408B06**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Diesel Range Organics	102	105	75-117	3	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: 10-04-0309
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
099-12-767-3,705	**Aqueous**	**GC/MS LL**	**04/07/10**	**04/07/10**	**100407L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	103	97	80-122	73-129	7	0-20	
Carbon Tetrachloride	108	104	68-140	56-152	3	0-20	
Chlorobenzene	101	97	80-120	73-127	4	0-20	
1,2-Dibromoethane	104	99	80-121	73-128	5	0-20	
1,2-Dichlorobenzene	100	92	80-120	73-127	8	0-20	
1,1-Dichloroethene	108	103	72-132	62-142	5	0-25	
Ethylbenzene	102	97	80-126	72-134	5	0-20	
Toluene	102	97	80-121	73-128	5	0-20	
Trichloroethene	104	96	80-123	73-130	8	0-20	
Vinyl Chloride	113	109	67-133	56-144	4	0-20	
Methyl-t-Butyl Ether (MTBE)	103	95	75-123	67-131	8	0-20	
Tert-Butyl Alcohol (TBA)	106	99	75-123	67-131	7	0-20	
Diisopropyl Ether (DIPE)	104	98	71-131	61-141	6	0-20	
Ethyl-t-Butyl Ether (ETBE)	104	98	76-124	68-132	6	0-20	
Tert-Amyl-Methyl Ether (TAME)	100	93	80-123	73-130	7	0-20	
Ethanol	102	98	61-139	48-152	3	0-27	
TPPH	116	108	65-135	53-147	7	0-30	

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

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

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

Date Received: N/A
Work Order No: 10-04-0309

Project: 1801 Santa Rita Rd., Pleasanton, CA

Matrix: Aqueous or Solid

Parameter	Method	Quality Control Sample ID	Date Extracted	Date Analyzed	LCS % REC	LCSD % REC	%REC CL	RPD	RPD CL	Qual
HEM - SGT: Oil and Grease	EPA 1664A	099-05-121-1,328	04/09/10	04/09/10	72	86	64-132	16	0-34	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 10-04-0309

Qualifier	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
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 or PES/PESD 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 without further clarification.
B	Analyte was present in the associated method blank.
E	Concentration exceeds the calibration range.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ME	LCS Recovery Percentage is within LCS ME Control Limit range.
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.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture.

Shell Oil Products Chain Of Custody Record

LAB (LOCATION)
- ☑ CALSCIENCE ( )
- ☐ SPL ( )
- ☐ XENCO ( )
- ☐ TEST AMERICA ( )
- ☐ OTHER ( )

Please Check Appropriate Box:
- ☑ ~~ENV. SERVICES~~
- ☐ MOTIVA RETAIL
- ☐ SHELL RETAIL
- ☐ MOTIVA SD&CM
- ☑ CONSULTANT
- ☐ LUBES
- ☐ SHELL PIPELINE
- ☐ OTHER

Print Bill To Contact Name: ~~Denis Brown~~ Regina Bussard

PO #:

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

☐ CHECK IF NO INCIDENT # APPLIES

SAP #:

DATE: ~~8~~ 4/2/10

PAGE: 1 of 1

SAMPLING COMPANY	Blaine Tech Services
LOG CODE	BTSS
ADDRESS	1680 Rogers Ave, San Jose, CA 95112
PROJECT CONTACT (Hardcopy or PDF Report to)	Michael Ninokata
TELEPHONE	(408)573-0555
FAX	(408)573-7771
E-MAIL	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)	Angela Pico, Delta, San Jose Office
PHONE NO	408.826.1862
E-MAIL	apico@deltaenv.com
CONSULTANT PROJECT NO	BTS # 100402-JP1
SAMPLER NAME(S) (Print)	J. PARKER.
LAB USE ONLY	04-0309

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

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES :

CC Regina Bussard w/final report rbussard@deltaenv.com

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

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

REQUESTED ANALYSIS

TEMPERATURE ON RECEIPT C°

LAB USE ONLY	Field Sample Identification	DATE	TIME	MATRIX	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 1664A	Container PID Readings or Laboratory Notes
1	MW-1	4/2	1025	W	3			2		5	X	X	X			X									
2	MW-1A	↓	1300	↓	3		1	2		6	X	X	X	X		X								X	NO OXYS
3	MW-2	↓	1235	↓	3			2		5	X	X	X	X											
4	MW-3	↓	1100	↓	3			2		5	X	X	X		X	X									
5	MW-4	↓	0945	↓	3			2		5	X	X	X		X	X									

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
[signature]	[signature] SAMPLE CUSTODIAN	4/2/10	1445
[signature]	[signature] CEL	4/5/10	0940
[signature] TO GSO 4-5-10 1730	Wobati CEL	4/6/10	1030

05/2/06 Revision

0309

GSO

WebShip > > > > >

800-322-5555 www.gso.com

Ship From:
ALAN KEMP
CAL SCIENCE- CONCORD
5063 COMMERCIAL CIRCLE #H
CONCORD, CA 94520

Ship To:
SAMPLE RECEIVING
CEL
7440 LINCOLN WAY
GARDEN GROVE, CA 92841

COD:
$0.00

Reference:
BTS

Delivery Instructions:

Signature Type:
SIGNATURE REQUIRED

Tracking #: 513883772

NPS

ORC

D

GARDEN GROVE

D92843A

80568420

Print Date : 04/05/10 14:32 PM

Package 1 of 1

Send Label To Printer | ☑ Print All | Edit Shipment | Finish

LABEL INSTRUCTIONS:

Do not copy or reprint this label for additional shipments - each package must have a unique barcode.

STEP 1 - Use the "Send Label to Printer" button on this page to print the shipping label on a laser or inkjet printer.
STEP 2 - Fold this page in half.
STEP 3 - Securely attach this label to your package, do not cover the barcode.
STEP 4 - Request an on-call pickup for your package, if you do not have scheduled daily pickup service or Drop-off your package at the nearest GSO drop box. Locate nearest GSO dropbox locations using this link.

ADDITIONAL OPTIONS:

Send Label Via Email | Create Return Label

TERMS AND CONDITIONS:

By giving us your shipment to deliver, you agree to all the service terms and conditions described in this section.
Our liability for loss or damage to any package is limited to your actual damages or $100 whichever is less, unless you pay for and declare a higher authorized value. If you declare a higher value and pay the additional charge, our liability will be the lesser of your declared value or the actual value of your loss or damage. In any event, we will not be liable for any damage, whether direct, incidental, special or consequential, in excess of the declared value of a shipment whether or not we had knowledge that such damage might be incurred including but not limited to loss of income or profit. We will not be liable for your acts or omissions, including but not limited to improper or insufficient packaging, securing, marking or addressing. Also, we will not be liable if you or the recipient violates any of the terms of our agreement. We will not be liable for loss, damage or delay caused by events we cannot control, including but not limited to acts of God, perils of the air, weather conditions, act of public enemies, war, strikes, or civil commotion. The highest declared value for our GSO Priority Letter or GSO Priority Package is $500. For other shipments the highest declared value is $10,000 unless your package contains items of "extraordinary value", in which case the highest declared value we allow is $500. Items of "extraordinary value" include, but or not limited to, artwork, jewelry, furs, precious metals, tickets, negotiable instruments and other items with intrinsic value.

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 10-04-0 3 0 9

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: BTS DATE: 04/06/10

TEMPERATURE: Thermometer ID: SC1 (Criteria: 0.0 °C – 6.0 °C, not frozen)

Temperature 1.6 °C + 0.5 °C (CF) = 2.1 °C ☑ Blank ☐ Sample

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

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

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

Ambient Temperature: ☐ Air ☐ Filter ☐ Metals Only ☐ PCBs Only Initial: WB

CUSTODY SEALS INTACT:

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

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present Initial: WSC

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Collection date/time, matrix, and/or # of containers logged in based on sample labels.			
☐ No analysis requested. ☐ Not relinquished. ☐ No date/time relinquished.			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and good condition	☑	☐	☐
Proper containers and sufficient volume for analyses requested	☑	☐	☐
Analyses received within holding time	☑	☐	☐
Proper preservation noted on COC or sample container	☑	☐	☐
☐ Unpreserved vials received for Volatiles analysis			
Volatile analysis container(s) free of headspace	☑	☐	☐
Tedlar bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE:

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

Water: ☐VOA ☑3 VOA**h** ☐VOA**na$_2$** ☐125AGB ☐125AGB**h** ☐125AGB**p** ☑2 1AGB ☐1AGB**na$_2$** ☑(2) 1AGB**s**

☐500AGB ☐500AGJ ☐500AGJ**s** ☐250AGB ☐250CGB ☐250CGB**s** ☐1PB ☐500PB ☐500PB**na**

☐250PB ☐250PB**n** ☐125PB ☐125PB**znna** ☐100PJ ☐100PJ**na$_2$** ☐_____ ☐_____ ☐_____

Air: ☐Tedlar® ☐Summa® **Other:** ☐_____ **Trip Blank Lot#:**_____ **Labeled/Checked by:** WSC

Container: **C:** Clear **A:** Amber **P:** Plastic **G:** Glass **J:** Jar **B:** Bottle **Z:** Ziploc/Resealable Bag **E:** Envelope **Reviewed by:** DL

Preservative: **h:** HCL **n:** HNO_3 **na$_2$:**$Na_2S_2O_3$ **na:** NaOH **p:** H_3PO_4 **s:** H_2SO_4 **znna:** $ZnAc_2$+NaOH **f:** Field-filtered **Scanned by:** WSC