Shell Oil Products US

May 11, 2009

Re: **Quarterly Monitoring Report – First Quarter 2009**
Former Shell-branded Service Station
5251 Hopyard Road
Pleasanton, California

Dear Mr. Wickham:

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

Sincerely,
Shell Oil Products US

Denis L. Brown
Project Manager

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

May 11, 2009
DELTA Project No. SCA5251H1A
SAP No. 135785

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

Re: FIRST QUARTER 2009
GROUNDWATER MONITORING REPORT
Shell-Branded Service Station
5251 Hopyard Road
Pleasanton, California

DELTA

Dear Mr. Wickham:

On behalf of Shell Oil Products (SHELL), Delta Consultants (DELTA) has prepared this *First Quarter 2009 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 evaluation of the data provided to us.

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

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. Suzanne McClurkin-Nelson (DELTA Site Manager) at (408) 826-1875 or Mr. Denis Brown (SHELL Project Manager) at (707) 865-0251.

Sincerely,
Delta Consultants

Suzanne McClurkin-Nelson
Senior Project Manager

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

Attachment: First Quarter 2009 Groundwater Monitoring Report

cc: Denis Brown, Shell Oil Products US, Carson
Carl Cox, C and J Cox Corporation, Pleasanton
Colleen Winey, Zone 7 Water Agency, Livermore
Danielle Stefani, Livermore-Pleasanton Fire Department, Pleasanton

SHELL QUARTERLY STATUS REPORT

Station Address:	5251 Hopyard Road, Pleasanton, California
DELTA Project No.:	SCA5251H1A
SHELL Project Manager / Phone No.:	Denis Brown / (707) 865-0251
DELTA Site Manager / Phone No.:	Suzanne McClurkin-Nelson / (408) 826-1875
Primary Agency / Regulatory ID No.:	Alameda County Environmental Health / Mr. Jerry Wickham, P.G., CHG
Other Agencies to Receive Copies:	Zone 7 Water Agency, Livermore-Pleasanton Fire Department

WORK PERFORMED THIS QUARTER (FIRST –2009):

1. Quarterly groundwater monitoring and sampling. Submitted quarterly report.
2. Submitted Work Plan for Additional Monitoring Well Installations
3. Received regulatory letter approving installation of additional monitoring wells

WORK PROPOSED FOR NEXT QUARTER (SECOND –2009):

1. Quarterly groundwater monitoring and sampling. Submit quarterly report.
2. Install additional monitoring wells (S-10 through S-12)

Current Phase of Project:	Groundwater monitoring and interim remediation activities.
Site Use:	Shell-branded Service Station
Frequency of Sampling:	Quarterly
Frequency of Monitoring:	Quarterly
Is Separate Phase Hydrocarbon Present On-site (Well #'s):	☐ Yes ☒ No
Cumulative SPH Recovered to Date:	NA
SPH Recovered This Quarter :	None
Groundwater Recovered During Sampling This Quarter:	244.5 gallons were recovered during sampling on January 20, 2009.
Sensitive Receptor(s) and Respective Direction(s):	Chabot canal is located approximately 1133 feet north-east of the site and Hewlett Canal is located approximately 1156 feet east of the site. No municipal water supply wells were identified within a 1-mile radius of the site.
General Site Lithology:	The site and property to the north are underlain predominantly by clay and silt.
Current Remediation Techniques:	None
Permits for Discharge:	None
Approximate Depth to Groundwater:	7.18 to 9.60 feet below top of well casing.
Groundwater Gradient:	Variable and undetermined
Current Agency Correspondence:	March 27, 2009 (Appendix A)

SHELL QUARTERLY STATUS REPORT (CONT.)

Date of Most Recent Work Plan Approval:	March 27, 2009
Site History:	
Case Opening	September 2004
Onsite Assessment	May 2005
Offsite Assessment	None
Passive Remediation	Monitor Natural Attenuation
Active Remediation	Batch Extraction 2007
Closure	N/A
Summary of Unusual Activity:	None

ATTACHMENTS:

Table:

Table 1 – Well Concentrations

Figures:

Figure 1 – Site Location Map

Figure 2 – Groundwater Elevation Contour Map – 1/20/2009

Figure 3 – Groundwater Hydrocarbon Distribution Map – 1/20/2009

Appendices:

Appendix A – Regulatory Correspondence Dated March 27, 2009

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

Appendix C – Blaine Tech Services, Inc. Field Procedures

Appendix D – Certified Laboratory Report with Chain-of-Custody Documentation

TABLE

TABLE 1
WELL CONCENTRATIONS
Shell-branded Service Station
5251 Hopyard 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 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
S-1	1/25/1991	2,500	1,500	460	<25	130	36	NA	NA	NA	NA	NA	NA	NA	326.73	NA	NA	NA
S-1	4/6/1991	6,700	2,600 a	2,600	14	580	250	NA	NA	NA	NA	NA	NA	NA	326.73	NA	NA	NA
S-1	7/24/1991	8,800	3,800 a	2,300	30	640	220	NA	NA	NA	NA	NA	NA	NA	326.73	NA	NA	NA
S-1	10/18/1991	12,000	3,300 a	3,600	380	990	580	NA	NA	NA	NA	NA	NA	NA	326.73	8.85	317.88	NA
S-1	1/23/1992	1,600	890	450	3	120	17	NA	NA	NA	NA	NA	NA	NA	326.73	NA	NA	NA
S-1	4/27/1992	1,100 g	500 a	610	<10	110	10	NA	NA	NA	NA	NA	NA	NA	326.73	NA	NA	NA
S-1	7/21/1992	5,100	290 c	1,900	54	460	140	NA	NA	NA	NA	NA	NA	NA	326.73	NA	NA	NA
S-1	10/16/1992	13,000	390 c	3,200	310	780	360	NA	NA	NA	NA	NA	NA	NA	326.73	NA	NA	NA
S-1	1/23/1993	2,300	30 d	640	<5	110	13	NA	NA	NA	NA	NA	NA	NA	326.73	7.96	318.77	NA
S-1	4/28/1993	4,600	390	780	<0.5	250	<0.5	NA	NA	NA	NA	NA	NA	NA	326.73	9.07	317.66	NA
S-1	9/22/1993	3,000	610 a	660	28	160	17	NA	NA	NA	NA	NA	NA	NA	326.73	8.68	318.05	NA
S-1	12/8/1993	520	280	210	<2.5	49	<2.5	NA	NA	NA	NA	NA	NA	NA	326.73	8.23	318.50	NA
S-1	3/4/1994	640	NA	190	1.4	18	1.3	NA	NA	NA	NA	NA	NA	NA	326.73	8.81	317.92	NA
S-1 (D)	3/4/1994	640	NA	180	1.7	17	1.3	NA	NA	NA	NA	NA	NA	NA	326.73	8.81	317.92	NA
S-1	6/16/1994	2,500	NA	390	9.5	31	7.5	NA	NA	NA	NA	NA	NA	NA	326.73	8.80	317.93	NA
S-1 (D)	6/16/1994	2,000	NA	410	7.8	120	20	NA	NA	NA	NA	NA	NA	NA	326.73	8.80	317.93	NA
S-1	9/13/1994	1,400	NA	310	7.7	29	8.5	NA	NA	NA	NA	NA	NA	NA	326.73	8.62	318.11	NA
S-1 (D)	9/13/1994	1,400	NA	240	7.9	44	6.3	NA	NA	NA	NA	NA	NA	NA	326.73	8.62	318.11	NA
S-1	5/5/1995	800	NA	120	3.6	26	2.7	NA	NA	NA	NA	NA	NA	NA	326.73	11.54	315.19	NA
S-1 (D)	5/5/1995	710	NA	110	3.4	19	2.7	NA	NA	NA	NA	NA	NA	NA	326.73	11.54	315.19	NA
S-1	5/21/1996	1,500	NA	170	8.5	120	6.7	NA	NA	NA	NA	NA	NA	NA	326.73	8.88	317.85	NA
S-1	5/12/1997	4,700	NA	200	15	210	20	2,300	NA	NA	NA	NA	NA	NA	326.73	11.19	315.54	2.4
S-1 (D)	5/12/1997	4,800	NA	210	16	190	16	3,200	2,900	NA	NA	NA	NA	NA	326.73	11.19	315.54	2.4
S-1	5/8/1998	500	NA	18	2.1	2.3	2	1,000	NA	NA	NA	NA	NA	NA	326.73	8.38	318.35	2.1
S-1	6/27/1999	2,970	NA	117	32.0	69.1	17.5	374	NA	NA	NA	NA	NA	NA	326.73	8.79	317.94	2.4
S-1	4/28/2000	1,920	NA	50.5	15.0	67.2	46.7	276	NA	NA	NA	NA	NA	NA	326.73	8.50	318.23	2.8
S-1	5/30/2001	3,900	NA	27	12	140	28	NA	140	NA	NA	NA	NA	NA	326.73	8.18	318.55	2.6
S-1	6/17/2002	2,700	NA	25	11	51	14	NA	140	NA	NA	NA	NA	NA	326.73	8.39	318.34	3.2

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S-1	5/30/2003	3,900	NA	12	8.2	47	12	NA	270	NA	NA	NA	NA	NA	326.74	7.41	319.33	1.2
S-1	5/3/2004	3,700	NA	32	21	170	34	NA	410	NA	NA	NA	NA	NA	326.74	11.18	315.56	2.4
S-1	1/14/2005	4,200	NA	22	34	380	33	NA	100	NA	NA	NA	NA	NA	326.74	7.10	319.64	0.58
S-1	5/5/2005	5,000	NA	33	110	970	210	NA	190	<0.50	<0.50	0.95	630	NA	326.74	11.32	315.42	NA
S-1	08/05/2005 l	4,600	NA	32	52	420	69	NA	110	<40	<40	<40	410	NA	326.74	9.04	317.70	NA
S-1	9/16/2005	3,300	NA	14	28	280	43	NA	60	51	<10	<10	260	NA	326.74	11.37	315.37	NA
S-1	11/8/2005	4,700	NA	19.2	47	416	84.0	NA	50.2	<0.500	<0.500	<0.500	<10.0	NA	326.74	9.06	317.68	NA
S-1	1/31/2006	6,380	NA	21.0	33.1	280	31.0	NA	59.9	<0.500	<0.500	<0.500	306	NA	326.74	8.12	318.62	NA
S-1	5/16/2006	9,080	NA	25.8	46.6	517	86.6 m	NA	69.5	<0.500	<0.500	<0.500	268	NA	326.74	7.95	318.79	NA
S-1	8/23/2006	4,980	NA	19.0	22.7	74.7	38.7	NA	42.9	<0.500	<0.500	<0.500	252	NA	326.74	7.95	318.79	NA
S-1	11/13/2006	7,900	NA	38	41	480	52	NA	44	<5.0	<5.0	<5.0	480	NA	326.74	7.99	318.75	NA
S-1	2/1/2007	1,500	NA	18	15	110	17	NA	27	<10	<10	<10	640	NA	326.74	8.19	318.55	NA
S-1	5/23/2007	5,300 n	NA	35	42	260	67.9	NA	<5.0	<10	<10	<10	720	NA	326.74	10.50	316.24	NA
S-1	8/7/2007	6,900 n	NA	26	31	240	40.9 o	NA	30	<10	<10	<10	270	NA	326.74	8.13	318.61	NA
S-1	11/29/2007	840 n	NA	16	18	120	14.5	NA	26	<2.0	<2.0	<2.0	190	NA	326.74	9.40	317.34	NA
S-1	2/8/2008	4,500 n	NA	25	39	410	37	NA	28	<10	<10	<10	330	NA	326.74	7.91	318.83	NA
S-1	2/20/2008	5,700 n	NA	29	56	650	89	NA	35	<10	<10	<10	200	<500	326.74	8.70	318.04	NA
S-1	3/7/2008	6,800 n	NA	25	37	310	59.2	NA	<5.0	<10	<10	<10	240	<500	326.74	10.54	316.20	NA
S-1	3/21/2008	5,300	NA	22	23	210	38.7	NA	<2.0	<4.0	<4.0	<4.0	220	<200	326.74	9.79	316.95	NA
S-1	4/8/2008	4,200	NA	15	18	230	26.4	NA	<2.0	<4.0	<4.0	<4.0	240	<200	326.74	8.27	318.47	NA
S-1	4/21/2008	6,600	NA	21	27	440	53	NA	<2.0	<4.0	<4.0	<4.0	170	<200	326.74	8.17	318.57	NA
S-1	5/6/2008	5,700	NA	21	29	440	56	NA	<5.0	<10	<10	<10	270	<500	326.74	8.00	318.74	NA
S-1	5/21/2008	7,800	NA	29	51	620	108	NA	40	<10	<10	<10	190	<500	326.74	8.27	318.47	NA
S-1	8/6/2008	7,600	NA	17	27	140	30.0	NA	24	<10	<10	<10	180	NA	326.74	8.01	318.73	NA
S-1	11/18/2008	6,500	NA	27	35	310	45.0	NA	22	<20	<20	<20	180	NA	326.74	7.59	319.15	NA
S-1	**1/20/2009**	**5,100**	**NA**	**19**	**21**	**140**	**22**	**NA**	**21**	**<10**	**<10**	**<10**	**230**	**NA**	**326.74**	**8.28**	**318.46**	**NA**
S-2	1/25/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	326.59	NA	NA	NA

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S-2	4/16/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	326.59	NA	NA	NA
S-2	7/24/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	326.59	NA	NA	NA
S-2	10/18/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	326.59	8.83	317.76	NA
S-2	1/23/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	326.59	NA	NA	NA
S-2	4/27/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	326.59	NA	NA	NA
S-2	7/17/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	326.59	NA	NA	NA
S-2	10/16/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	326.59	NA	NA	NA
S-2	1/23/1993	<50	140 b	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	326.59	8.10	318.49	NA
S-2	4/28/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	326.59	9.06	317.53	NA
S-2	9/22/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	326.59	8.91	317.68	NA
S-2	12/8/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	326.59	9.07	317.52	NA
S-2	3/4/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	326.59	8.90	317.69	NA
S-2	6/16/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	326.59	8.98	317.61	NA
S-2	9/13/1994	<50	NA	<0.5	2.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	326.59	8.78	317.81	NA
S-2	5/5/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	326.59	8.60	317.99	NA
S-2	5/21/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	326.59	8.75	317.84	NA
S-2	5/12/1997	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	326.59	8.72	317.87	3.4
S-2	5/8/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	326.59	8.63	317.96	3.1
S-2	6/27/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.00	NA	NA	NA	NA	NA	NA	326.59	8.79	317.80	2.6
S-2	4/28/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	326.59	8.33	318.26	2.0
S-2	5/30/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<0.50	NA	NA	NA	NA	NA	326.59	8.56	318.03	1.8
S-2	6/17/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	326.59	8.87	317.72	i
S-2	5/30/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	18	NA	NA	NA	NA	NA	326.47	7.89	318.58	1.7
S-2	5/3/2004	<250	NA	<2.5	<2.5	<2.5	<5.0	NA	510	NA	NA	NA	NA	NA	326.47	5.44	321.03	0.1
S-2	1/14/2005	<250	NA	<2.5	<2.5	<2.5	<5.0	NA	270	NA	NA	NA	NA	NA	326.47	7.88	318.59	NA
S-2	5/5/2005	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	280	<0.50	<0.50	0.55	8.9 j	NA	326.47	8.14	318.33	NA
S-2	08/05/2005 l	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	320	<2.0	<2.0	<2.0	510	NA	326.47	8.24	318.23	NA
S-2	9/16/2005	<250	NA	<2.5	<2.5	<2.5	<5.0	NA	320	<10	<10	<10	1,800	NA	326.47	8.06	318.41	NA

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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 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
S-2	11/8/2005	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	375	<0.500	<0.500	0.610	1,130	NA	326.47	8.20	318.27	NA
S-2	1/31/2006	281	NA	<0.500	<0.500	<0.500	<0.500	NA	354	<0.500	<0.500	<0.500	3,090	NA	326.47	8.18	318.29	NA
S-2	5/16/2006	785	NA	<0.500	<0.500	<0.500	<0.500	NA	282	<0.500	<0.500	<0.500	3,250	NA	326.47	8.34	318.13	NA
S-2	8/23/2006	344	NA	<0.500	<0.500	<0.500	<0.500	NA	194	<0.500	<0.500	0.560	10,600	NA	326.47	8.32	318.15	NA
S-2	11/13/2006	320	NA	<5.0 f	<5.0 f	<5.0 f	<5.0 f	NA	140 f	<5.0 f	<5.0 f	<5.0 f	6,000 f	NA	326.50	8.37	318.13	NA
S-2	2/1/2007	160	NA	<0.50	<0.50	<0.50	<1.0	NA	130	<2.0	<2.0	<2.0	3,900	NA	326.50	8.13	318.37	NA
S-2	5/23/2007	120 n	NA	<0.50	<1.0	<1.0	<1.0	NA	110	<2.0	<2.0	<2.0	1,500	NA	326.50	8.55	317.95	NA
S-2	8/7/2007	93 n,p	NA	<2.5	<5.0	<5.0	<5.0	NA	120	<10	<10	<10	1,700	NA	326.50	8.26	318.24	NA
S-2	11/29/2007	110 n,p	NA	<0.50	<1.0	<1.0	<1.0	NA	98	<2.0	<2.0	<2.0	880	NA	326.50	8.29	318.21	NA
S-2	2/8/2008	110 n,p	NA	<0.50	<1.0	<1.0	<1.0	NA	110	<2.0	<2.0	<2.0	830	NA	326.50	8.07	318.43	NA
S-2	2/20/2008	73 n,p	NA	<0.50	<1.0	<1.0	<1.0	NA	100	<2.0	<2.0	<2.0	650	<100	326.50	8.30	318.20	NA
S-2	3/7/2008	<50 n	NA	<0.50	<1.0	<1.0	<1.0	NA	57	<2.0	<2.0	<2.0	240	<100	326.50	9.25	317.25	NA
S-2	3/21/2008	73	NA	<0.50	<1.0	<1.0	<1.0	NA	91	<2.0	<2.0	<2.0	480	<100	326.50	9.01	317.49	NA
S-2	4/8/2008	88	NA	<0.50	<1.0	<1.0	<1.0	NA	72	<2.0	<2.0	<2.0	310	<100	326.50	8.46	318.04	NA
S-2	4/21/2008	60	NA	<0.50	<1.0	<1.0	<1.0	NA	8.6	<2.0	<2.0	<2.0	310	<100	326.50	9.60	316.90	NA
S-2	5/6/2008	62	NA	<0.50	<1.0	<1.0	<1.0	NA	53	<2.0	<2.0	<2.0	300	<100	326.50	10.55	315.95	NA
S-2	5/21/2008	130	NA	<0.50	<1.0	<1.0	<1.0	NA	61	<2.0	<2.0	<2.0	320	<100	326.50	9.43	317.07	NA
S-2	8/6/2008	76	NA	<0.50	<1.0	<1.0	<1.0	NA	46	<2.0	<2.0	<2.0	77	NA	326.50	8.41	318.09	NA
S-2	11/18/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	42	<2.0	<2.0	<2.0	18	NA	326.50	8.38	318.12	NA
S-2	**1/20/2009**	**57**	**NA**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**NA**	**46**	**<2.0**	**<2.0**	**<2.0**	**13**	**NA**	**326.50**	**8.64**	**317.86**	**NA**
S-3	1/25/1991	870	330	230	<2.5	130	<2.5	NA	NA	NA	NA	NA	NA	NA	327.38	NA	NA	NA
S-3	4/16/1991	190	140 a	12	0.8	6.2	1.5	NA	NA	NA	NA	NA	NA	NA	327.38	NA	NA	NA
S-3	7/24/1991	1,700	1,200 a	450	4.4	150	2.9	NA	NA	NA	NA	NA	NA	NA	327.38	NA	NA	NA
S-3	10/18/1991	1,900	500	370	3.1	120	220	NA	NA	NA	NA	NA	NA	NA	327.38	9.64	317.74	NA
S-3	1/23/1992	2,000	650 a	580	3	200	<0.5	NA	NA	NA	NA	NA	NA	NA	327.38	NA	NA	NA
S-3	4/27/1992	1,100	230 a	150	<3	76	14	NA	NA	NA	NA	NA	NA	NA	327.38	NA	NA	NA
S-3	7/17/1992	810	58	200	<2.5	57	3.8	NA	NA	NA	NA	NA	NA	NA	327.38	NA	NA	NA

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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 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
S-3	10/16/1992	440	190 c	79	1.8	18	4.6	NA	NA	NA	NA	NA	NA	NA	327.38	NA	NA	NA
S-3	1/23/1993	670	170 d	79	1.5	46	15	NA	NA	NA	NA	NA	NA	NA	327.38	8.81	318.57	NA
S-3	4/28/1993	2,000	<50	300	3.4	210	38	NA	NA	NA	NA	NA	NA	NA	327.38	9.87	317.51	NA
S-3	9/22/1993	4,800	670 a	2,000	34	150	51	NA	NA	NA	NA	NA	NA	NA	327.38	9.65	317.73	NA
S-3	12/8/1993	1,200	11	440	<5.0	120	29	NA	NA	NA	NA	NA	NA	NA	327.38	9.26	318.12	NA
S-3	3/4/1994	630	NA	130	<0.5	17	0.8	NA	NA	NA	NA	NA	NA	NA	327.38	9.64	317.74	NA
S-3	6/16/1994	1,800	NA	430	19	35	21	NA	NA	NA	NA	NA	NA	NA	327.38	9.78	317.60	NA
S-3	5/5/1995	160	NA	50	0.9	7.2	4.1	NA	NA	NA	NA	NA	NA	NA	327.38	9.38	318.00	NA
S-3	5/21/1996	270	NA	45	<0.5	1.4	<0.5	NA	NA	NA	NA	NA	NA	NA	327.38	9.41	317.97	NA
S-3 (D)	5/21/1996	210	NA	<0.5	<0.5	0.95	<0.5	NA	NA	NA	NA	NA	NA	NA	327.38	9.41	317.97	NA
S-3	5/12/1997	420	NA	<1.0	<1.0	<1.0	<1.0	57	NA	NA	NA	NA	NA	NA	327.38	9.30	318.08	2.5
S-3	5/8/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	327.38	9.12	318.26	2.2
S-3	6/27/1999	106	NA	8.51	<0.500	<0.500	<0.500	31.0	NA	NA	NA	NA	NA	NA	327.38	9.39	317.99	2.1
S-3	4/28/2000	139	NA	7.58	<0.500	<0.500	<0.500	42.6	NA	NA	NA	NA	NA	NA	327.38	9.04	318.34	1.8
S-3	5/30/2001	2,200	NA	510	6.9	100	21	NA	33	NA	NA	NA	NA	NA	327.38	9.19	318.19	2.0
S-3	6/17/2002	600	NA	150	2.1	30	11	NA	36	NA	NA	NA	NA	NA	327.38	9.35	318.03	0.1
S-3	5/30/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	9.0	NA	NA	NA	NA	NA	327.04	8.39	318.65	1.2
S-3	5/3/2004	61 k	NA	0.90	<0.50	<0.50	<1.0	NA	9.8	NA	NA	NA	NA	NA	327.04	8.73	318.31	1.2
S-3	1/14/2005	94	NA	4.6	<0.50	3.1	1.0	NA	13	NA	NA	NA	NA	NA	327.04	8.00	319.04	NA
S-3	5/5/2005	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	5.7	<0.50	<0.50	<0.50	<5.0	NA	327.04	8.31	318.73	NA
S-3	08/05/2005 l	<50	NA	0.51	<0.50	<0.50	<1.0	NA	6.0	<2.0	<2.0	<2.0	42	NA	327.04	8.32	318.72	NA
S-3	9/16/2005	<50	NA	0.62	<0.50	<0.50	<1.0	NA	7.9	<2.0	<2.0	<2.0	<5.0	NA	327.04	8.29	318.75	NA
S-3	11/8/2005	166	NA	63.0	1.32	7.20	2.99	NA	8.67	<0.500	<0.500	<0.500	<10.0	NA	327.04	8.17	318.87	NA
S-3	1/31/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	7.05	<0.500	<0.500	<0.500	<10.0	NA	327.04	8.05	318.99	NA
S-3	5/16/2006	<50.0	NA	3.23	<0.500	1.42	1.63 m	NA	3.92	<0.500	<0.500	<0.500	<10.0	NA	327.04	8.62	318.42	NA
S-3	8/23/2006	<50.0	NA	18.9	<0.500	1.72	0.800	NA	7.65	<0.500	<0.500	<0.500	<10.0	NA	327.04	8.54	318.50	NA
S-3	11/13/2006	530	NA	130 f	3.4 f	10 f	4.6 f	NA	17 f	<2.0 f	<2.0 f	<2.0 f	<80 f	NA	327.01	8.65	318.36	NA
S-3	2/1/2007	430	NA	230	4.4	4.0	<5.0	NA	17	<10	<10	<10	<25	NA	327.01	8.41	318.60	NA

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S-3	5/23/2007	1,400 n	NA	370	11	17	11.58 o	NA	21	<2.0	<2.0	<2.0	12	NA	327.01	8.37	318.64	NA
S-3	8/7/2007	1,000 n	NA	150	4.6 o	4.1 o	4.0 o	NA	21	<10	<10	<10	<50	NA	327.01	8.59	318.42	NA
S-3	11/29/2007	710 n	NA	110	3.1	3.8	5.3 o	NA	17	<2.0	<2.0	<2.0	<10	NA	327.01	8.78	318.23	NA
S-3	2/8/2008	300 n	NA	2.7	<1.0	<1.0	<1.0	NA	19	<2.0	<2.0	<2.0	<10	NA	327.01	8.05	318.96	NA
S-3	2/20/2008	620 n	NA	150	4.1	11	11	NA	19	<2.0	<2.0	<2.0	<10	<100	327.01	8.57	318.44	NA
S-3	3/7/2008	170 n	NA	15	<1.0	2.5	4.0	NA	12	<2.0	<2.0	<2.0	<10	<100	327.01	8.87	318.14	NA
S-3	3/21/2008	68	NA	4.8	<1.0	1.3	1.6	NA	8.6	<2.0	<2.0	<2.0	<10	<100	327.01	9.00	318.01	NA
S-3	4/8/2008	170	NA	7.8	<1.0	2.6	4.0	NA	8.1	<2.0	<2.0	<2.0	<10	<100	327.01	8.55	318.46	NA
S-3	4/21/2008	350	NA	2.8	<1.0	1.2	1.9	NA	12	<2.0	<2.0	<2.0	<10	<100	327.01	8.65	318.36	NA
S-3	5/6/2008	210	NA	2.3	<1.0	<1.0	<1.0	NA	9.1	<2.0	<2.0	<2.0	<10	<100	327.01	8.60	318.41	NA
S-3	5/21/2008	430	NA	21	<1.0	3.5	4.2	NA	17	<2.0	<2.0	<2.0	<10	<100	327.01	8.81	318.20	NA
S-3	8/6/2008	210	NA	<0.50	<1.0	<1.0	<1.0	NA	13	<2.0	<2.0	<2.0	11	NA	327.01	8.71	318.30	NA
S-3	11/18/2008	930	NA	130	3.5	15	19	NA	18	<2.0	<2.0	<2.0	10	NA	327.01	8.79	318.22	NA
S-3	**1/20/2009**	**950**	**NA**	**100**	**1.2**	**1.8**	**<1.0**	**NA**	**18**	**<2.0**	**<2.0**	**<2.0**	**16**	**NA**	**327.01**	**9.10**	**317.91**	**NA**
S-4	1/25/1991	<50	<50	<0.5	1.5	<0.5	2.8	NA	NA	NA	NA	NA	NA	NA	327.38	NA	NA	NA
S-4	4/16/1991	<50	0.7	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	327.38	NA	NA	NA
S-4	7/24/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	327.38	NA	NA	NA
S-4	10/18/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	327.38	8.82	318.56	NA
S-4	1/23/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	327.38	NA	NA	NA
S-4	4/27/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	327.38	NA	NA	NA
S-4	7/17/1992	<500	74	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	327.38	NA	NA	NA
S-4	10/16/1992	<500	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	327.38	NA	NA	NA
S-4	1/23/1993	<500	94 b	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	327.38	8.32	319.06	NA
S-4	4/28/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	327.38	9.76	317.62	NA
S-4	9/22/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	327.38	9.30	318.08	NA
S-4	12/8/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	327.38	9.74	317.64	NA
S-4	3/4/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	327.38	9.60	317.78	NA

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S-4	6/16/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	327.38	9.42	317.96	NA
S-4	5/5/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	327.38	9.02	318.36	NA
S-4	5/21/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	327.38	9.29	318.09	NA
S-4	5/12/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	140	NA	NA	NA	NA	NA	NA	327.38	7.95	319.43	2.5
S-4	5/8/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	250	NA	NA	NA	NA	NA	NA	327.38	8.96	318.42	2.0
S-4	6/27/1999	303	NA	35.8	24.8	12.4	69.8	106	NA	NA	NA	NA	NA	NA	327.38	8.90	318.48	2.6
S-4	4/28/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	40.2	NA	NA	NA	NA	NA	NA	327.38	8.37	319.01	1.9
S-4	5/30/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	6.8	NA	NA	NA	NA	NA	327.38	8.83	318.55	1.8
S-4	6/17/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	31	NA	NA	NA	NA	NA	327.38	9.37	318.01	4.8
S-4	5/30/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	130	NA	NA	NA	NA	NA	327.24	8.46	318.78	1.4
S-4	5/3/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	170	NA	NA	NA	NA	NA	327.24	8.70	318.54	1.1
S-4	1/14/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	25	NA	NA	NA	NA	NA	327.24	8.17	319.07	NA
S-4	5/5/2005	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	15	<0.50	<0.50	<0.50	<5.0	NA	327.24	8.25	318.99	NA
S-4	8/5/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	6.1	<2.0	<2.0	<2.0	<5.0	NA	327.24	8.14	319.10	NA
S-4	11/8/2005	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	1.01	<0.500	<0.500	<0.500	<10.0	NA	327.24	8.33	318.91	NA
S-4	1/31/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<10.0	NA	327.24	8.29	318.95	NA
S-4	5/16/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<10.0	NA	327.24	8.46	318.78	NA
S-4	8/23/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<10.0	NA	327.24	8.34	318.90	NA
S-4	11/13/2006	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<0.50	<0.50	<0.50	<0.50	<20	NA	327.24	8.23	319.01	NA
S-4	2/1/2007	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	327.24	8.56	318.68	NA
S-4	5/23/2007	<50 n	NA	<0.50	<1.0	<1.0	<1.0	NA	0.60 o	<2.0	<2.0	<2.0	<10	NA	327.24	7.92	319.32	NA
S-4	8/7/2007	<50 n	NA	<0.50	<1.0	<1.0	<1.0	NA	0.32 o	<2.0	<2.0	<2.0	<10	NA	327.24	8.52	318.72	NA
S-4	11/29/2007	<50 n	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	327.24	8.58	318.66	NA
S-4	2/8/2008	<50 n	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	327.24	8.07	319.17	NA
S-4	5/21/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	<100	327.24	8.80	318.44	NA
S-4	8/6/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	327.24	8.73	318.51	NA
S-4	11/18/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	327.24	8.77	318.47	NA
S-4	**1/20/2009**	**<50**	**NA**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**NA**	**<1.0**	**<2.0**	**<2.0**	**<2.0**	**<10**	**NA**	**327.24**	**9.32**	**317.92**	**NA**

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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 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
S-5	1/25/1991	<50	<50	<0.5	<0.5	<0.5	0.7	NA	NA	NA	NA	NA	NA	NA	327.76	NA	NA	NA
S-5	4/16/1991	<50	<50	<0.5	<0.5	<0.5	0.8	NA	NA	NA	NA	NA	NA	NA	327.76	NA	NA	NA
S-5	7/24/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	327.76	NA	NA	NA
S-5	10/18/1991	120 e	<50	4.3	<0.5	1	0.7	NA	NA	NA	NA	NA	NA	NA	327.76	10.00	317.76	NA
S-5	1/23/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	327.76	NA	NA	NA
S-5	4/27/1992	50	<50	<0.5	<0.5	<0.5	0.6	NA	NA	NA	NA	NA	NA	NA	327.76	NA	NA	NA
S-5	7/17/1992	<50	70	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	327.76	NA	NA	NA
S-5	10/16/1992	230	57	13	<0.5	4.9	4.3	NA	NA	NA	NA	NA	NA	NA	327.76	NA	NA	NA
S-5	1/23/1993	<50	150 b	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	327.76	8.88	318.88	NA
S-5	4/28/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	327.76	10.20	317.56	NA
S-5	9/22/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	327.76	9.92	317.84	NA
S-5	12/8/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	327.76	10.19	317.57	NA
S-5	3/4/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	327.76	9.95	317.81	NA
S-5	6/16/1994	<50	NA	0.9	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	327.76	10.02	317.74	NA
S-5	5/5/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	327.76	9.58	318.18	NA
S-5	5/21/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	327.76	9.84	317.92	NA
S-5	5/12/1997	360	NA	3.3	<0.50	17	9.8	130	NA	NA	NA	NA	NA	NA	327.76	9.16	318.60	4.2
S-5	5/8/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	92	NA	NA	NA	NA	NA	NA	327.76	9.25	318.51	3.8
S-5 (D)	5/8/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	100	NA	NA	NA	NA	NA	NA	327.76	9.25	318.51	3.8
S-5	6/27/1999	223	NA	13.7	12.9	8.20	45.8	106	NA	NA	NA	NA	NA	NA	327.76	9.39	318.37	3.0
S-5	4/28/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	255	NA	NA	NA	NA	NA	NA	327.76	9.43	318.33	1.2
S-5	5/30/2001	<100	NA	<1.0	<1.0	<1.0	<1.0	NA	480	NA	NA	NA	NA	NA	327.76	9.47	318.29	1.1
S-5	6/17/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	210	NA	NA	NA	NA	NA	327.76	9.74	318.02	0.2
S-5	5/30/2003	<250	NA	<2.5	<2.5	<2.5	<5.0	NA	450	NA	NA	NA	NA	NA	327.43	8.87	318.56	1.7
S-5	5/3/2004	<250	NA	<2.5	<2.5	<2.5	<5.0	NA	470	NA	NA	NA	NA	NA	327.43	9.10	318.33	0.7
S-5	1/14/2005	<100	NA	<1.0	<1.0	<1.0	<2.0	NA	230	NA	NA	NA	NA	NA	327.43	8.43	319.00	NA
S-5	5/5/2005	76	NA	16	<0.50	<0.50	<0.50	NA	120	<0.50	<0.50	<0.50	630	NA	327.43	8.71	318.72	NA

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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 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
S-5	08/05/2005 l	1,900	NA	57	7.5	22	17	NA	240	<4	<4	<4	480	NA	327.43	8.90	318.53	NA
S-5	9/16/2005	1,400	NA	87	2.0	7.8	5.8	NA	75	<4.0	<4.0	<4.0	630	NA	327.43	8.84	318.59	NA
S-5	11/8/2005	315	NA	35.8	<0.500	<0.500	1.07	NA	49.1	<0.500	<0.500	<0.500	<10.0	NA	327.43	8.86	318.57	NA
S-5	1/31/2006	335	NA	7.74	<0.500	<0.500	<0.500	NA	48.2	<0.500	<0.500	<0.500	337	NA	327.43	8.66	318.77	NA
S-5	5/16/2006	349	NA	3.54	<0.500	<0.500	<0.500	NA	24.7	<0.500	<0.500	<0.500	182	NA	327.43	9.00	318.43	NA
S-5	8/23/2006	<50.0	NA	5.39	<0.500	<0.500	<0.500	NA	17.0	<0.500	<0.500	<0.500	91.0	NA	327.43	8.97	318.46	NA
S-5	11/13/2006	420	NA	19	1.7	<0.50	1.7	NA	19	<0.50	<0.50	<0.50	80	NA	327.43	8.77	318.66	NA
S-5	2/1/2007	280	NA	14	2.1	<0.50	1.4	NA	13	<2.0	<2.0	<2.0	42	NA	327.43	9.30	318.13	NA
S-5	5/23/2007	590 n	NA	19	2.0	<1.0	0.92 o	NA	11	<2.0	<2.0	<2.0	24	NA	327.43	8.73	318.70	NA
S-5	8/7/2007	450 n	NA	10	1.0	<1.0	<1.0	NA	13	<2.0	<2.0	<2.0	17	NA	327.43	9.00	318.43	NA
S-5	11/29/2007	340 n	NA	4.1	0.34 o	<1.0	<1.0	NA	7.1	<2.0	<2.0	<2.0	<10	NA	327.43	9.06	318.37	NA
S-5	2/8/2008	270 n	NA	4.7	<1.0	<1.0	<1.0	NA	6.0	<2.0	<2.0	<2.0	<10	NA	327.43	8.75	318.68	NA
S-5	2/20/2008	340 n	NA	4.6	<1.0	<1.0	<1.0	NA	5.5	<2.0	<2.0	<2.0	<10	<100	327.43	9.03	318.40	NA
S-5	3/7/2008	220 n	NA	1.8	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	<100	327.43	9.20	318.23	NA
S-5	3/21/2008	150	NA	0.71	<1.0	<1.0	<1.0	NA	5.2	<2.0	<2.0	<2.0	<10	<100	327.43	9.43	318.00	NA
S-5	4/8/2008	120	NA	0.76	<1.0	<1.0	<1.0	NA	5.2	<2.0	<2.0	<2.0	<10	<100	327.43	9.11	318.32	NA
S-5	4/21/2008	190	NA	0.63	<1.0	<1.0	<1.0	NA	3.4	<2.0	<2.0	<2.0	<10	<100	327.43	9.17	318.26	NA
S-5	5/6/2008	150	NA	1.0	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	190	327.43	8.80	318.63	NA
S-5	5/21/2008	250	NA	1.6	<1.0	<1.0	<1.0	NA	3.8	<2.0	<2.0	<2.0	<10	<100	327.43	9.20	318.23	NA
S-5	8/6/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	6.2	<2.0	<2.0	<2.0	<10	NA	327.43	9.11	318.32	NA
S-5	11/18/2008	93	NA	<0.50	<1.0	<1.0	<1.0	NA	3.5	<2.0	<2.0	<2.0	<10	NA	327.43	9.06	318.37	NA
S-5	**1/20/2009**	**59**	**NA**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**NA**	**2.7**	**<2.0**	**<2.0**	**<2.0**	**<10**	**NA**	**327.43**	**9.60**	**317.83**	**NA**
S-6	1/25/1991	<50	<50	<0.5	1.7	<0.5	2.8	NA	NA	NA	NA	NA	NA	NA	326.56	NA	NA	NA
S-6	4/16/1991	<50	<50	<0.5	<0.5	<0.5	0.6	NA	NA	NA	NA	NA	NA	NA	326.56	NA	NA	NA
S-6	7/24/1991	<50	<50	<0.5	<0.5	<0.5	0.5	NA	NA	NA	NA	NA	NA	NA	326.56	NA	NA	NA
S-6	10/18/1991	<50	<50	<0.5	<0.5	<0.5	0.5	NA	NA	NA	NA	NA	NA	NA	326.56	8.84	317.22	NA
S-6	1/23/1992	<50	<50	<0.5	<0.5	<0.5	0.5	NA	NA	NA	NA	NA	NA	NA	326.56	NA	NA	NA

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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 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
S-6	4/27/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	326.56	NA	NA	NA
S-6	7/17/1992	400	130	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	326.56	NA	NA	NA
S-6	10/16/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	326.56	NA	NA	NA
S-6	1/23/1993	<50	230 b	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	326.56	7.82	318.74	NA
S-6	4/28/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	326.56	9.00	317.56	NA
S-6	9/22/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	326.56	8.61	317.96	NA
S-6	12/8/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	326.56	10.02	316.54	NA
S-6	3/4/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	326.56	8.88	317.68	NA
S-6	6/16/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	326.56	9.04	317.52	NA
S-6	5/5/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	326.56	8.54	318.02	NA
S-6	5/21/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	326.56	8.62	317.94	NA
S-6	5/12/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	326.56	8.60	317.96	2.6
S-6	5/8/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	326.56	7.90	318.66	2.2
S-6	6/27/1999	430	NA	50.1	30.5	15.2	83.5	8.05	NA	NA	NA	NA	NA	NA	326.56	8.01	318.55	2.3
S-6	4/28/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	326.56	8.84	317.72	2.0
S-6	5/30/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<0.50	NA	NA	NA	NA	NA	326.56	8.54	318.02	1.9
S-6	6/17/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	326.56	8.48	318.08	1.3
S-6	5/30/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	8.7	NA	NA	NA	NA	NA	326.35	7.36	318.99	1.0
S-6	5/3/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	326.35	8.08	318.27	0.9
S-6	1/14/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	326.35	7.38	318.97	NA
S-6	5/5/2005	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<0.50	<0.50	<0.50	<0.50	<5.0	NA	326.35	7.55	318.80	NA
S-6	8/5/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	326.35	7.61	318.74	NA
S-6	11/8/2005	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<10.0	NA	326.35	7.64	318.71	NA
S-6	1/31/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	30.5	NA	326.35	7.90	318.45	NA
S-6	5/16/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<10.0	NA	326.35	8.16	318.19	NA
S-6	8/23/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	10.9	NA	326.35	7.77	318.58	NA
S-6	11/13/2006	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<0.50	<0.50	<0.50	<0.50	<20	NA	326.35	8.15	318.20	NA
S-6	2/1/2007	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	1.2	<2.0	<2.0	<2.0	<5.0	NA	326.35	8.36	317.99	NA

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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 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
S-6	5/23/2007	<50 n	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	326.35	7.80	318.55	NA
S-6	8/7/2007	<50 n	NA	<0.50	<1.0	<1.0	<1.0	NA	0.39 o	<2.0	<2.0	<2.0	<10	NA	326.35	8.07	318.28	NA
S-6	11/29/2007	<50 n	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	326.35	8.17	318.18	NA
S-6	2/8/2008	<50 n	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	326.35	7.67	318.68	NA
S-6	5/21/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	<100	326.35	8.17	318.18	NA
S-6	8/6/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	326.35	7.89	318.46	NA
S-6	11/18/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	326.35	8.30	318.05	NA
S-6	**1/20/2009**	**<50**	**NA**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**NA**	**<1.0**	**<2.0**	**<2.0**	**<2.0**	**<10**	**NA**	**326.35**	**8.01**	**318.34**	**NA**
S-7	1/25/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	326.49	NA	NA	NA
S-7	4/16/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	326.49	NA	NA	NA
S-7	7/24/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	326.49	NA	NA	NA
S-7	10/18/1991	<50	140 f	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	326.49	8.92	317.57	NA
S-7	1/23/1992	<50	140 f	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	326.49	NA	NA	NA
S-7	4/27/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	326.49	NA	NA	NA
S-7	7/17/1992	<50	<50	<0.5	1.8	0.6	4.1	NA	NA	NA	NA	NA	NA	NA	326.49	NA	NA	NA
S-7	10/16/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	326.49	NA	NA	NA
S-7	1/23/1993	<50	110 b	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	326.49	8.06	318.43	NA
S-7	4/28/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	326.49	8.94	317.55	NA
S-7	9/22/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	326.49	8.57	317.92	NA
S-7	12/8/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	326.49	9.00	317.49	NA
S-7	3/4/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	326.49	8.96	317.53	NA
S-7	6/16/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	326.49	9.12	317.37	NA
S-7	5/5/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	326.49	8.58	317.91	NA
S-7	5/21/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	326.49	8.64	317.85	NA
S-7	5/12/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	326.49	8.74	317.75	2.3
S-7	5/8/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	326.49	8.00	318.49	2.5
S-7	6/27/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.00	NA	NA	NA	NA	NA	NA	326.49	8.75	317.74	2.9

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S-7	4/28/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	326.49	8.96	317.53	2.2
S-7	5/30/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<0.50	NA	NA	NA	NA	NA	326.49	8.65	317.84	2.0
S-7	6/17/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	326.49	8.55	317.94	2.3
S-7	5/30/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	12	NA	NA	NA	NA	NA	326.36	7.88	318.48	1.8
S-7	5/3/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	100	NA	NA	NA	NA	NA	326.36	8.30	318.06	1.2
S-7	1/14/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	41	NA	NA	NA	NA	NA	326.36	7.70	318.66	NA
S-7	5/5/2005	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	91	<0.50	<0.50	6.8	<5.0	NA	326.36	7.60	318.76	NA
S-7	8/5/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	100	<2.0	<2.0	7.5	<5.0	NA	326.36	8.42	317.94	NA
S-7	11/8/2005	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	124	<0.500	<0.500	8.70	<10.0	NA	326.36	7.61	318.75	NA
S-7	1/31/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	93.0	<0.500	<0.500	4.50	<10.0	NA	326.36	7.85	318.51	NA
S-7	5/16/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	76.3	<0.500	<0.500	2.98	<10.0	NA	326.36	8.08	318.28	NA
S-7	8/23/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	34.7	<0.500	<0.500	2.02	<10.0	NA	326.36	7.93	318.43	NA
S-7	11/13/2006	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	27	<0.50	<0.50	1.6	<20	NA	326.36	8.15	318.21	NA
S-7	2/1/2007	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	45	<2.0	<2.0	2.9	28	NA	326.36	8.35	318.01	NA
S-7	5/23/2007	<50 n	NA	<0.50	<1.0	<1.0	<1.0	NA	1.7	<2.0	<2.0	<2.0	<10	NA	326.36	8.11	318.25	NA
S-7	8/7/2007	<50 n	NA	<0.50	<1.0	<1.0	<1.0	NA	23	<2.0	<2.0	<2.0	<10	NA	326.36	8.36	318.00	NA
S-7	11/29/2007	<50 n	NA	<0.50	<1.0	<1.0	<1.0	NA	10	<2.0	<2.0	<2.0	<10	NA	326.36	8.19	318.17	NA
S-7	2/8/2008	<50 n	NA	<0.50	<1.0	<1.0	<1.0	NA	9.2	<2.0	<2.0	<2.0	<10	NA	326.36	7.73	318.63	NA
S-7	5/21/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	8.8	<2.0	<2.0	<2.0	<10	<100	326.36	8.10	318.26	NA
S-7	8/6/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	1.2	<2.0	<2.0	<2.0	<10	NA	326.36	8.49	317.87	NA
S-7	11/18/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	7.6	<2.0	<2.0	<2.0	<10	NA	326.36	8.31	318.05	NA
S-7	**1/20/2009**	**<50**	**NA**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**NA**	**7.7**	**<2.0**	**<2.0**	**<2.0**	**<10**	**NA**	**326.36**	**8.39**	**317.97**	**NA**
S-8	1/25/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	325.32	NA	NA	NA
S-8	4/16/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	325.32	NA	NA	NA
S-8	7/24/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	325.32	NA	NA	NA
S-8	10/18/1991	<50	360 f	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	325.32	7.62	317.70	NA
S-8	1/23/1992	<50	90	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	325.32	NA	NA	NA

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5251 Hopyard 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 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
S-8	4/27/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	325.32	NA	NA	NA
S-8	7/17/1992	53	<50	<0.5	1	<0.5	1.8	NA	NA	NA	NA	NA	NA	NA	325.32	NA	NA	NA
S-8	10/16/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	325.32	NA	NA	NA
S-8	1/23/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	325.32	7.00	318.32	NA
S-8	4/28/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	325.32	7.77	317.55	NA
S-8	9/22/1993	<50	160	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	325.32	7.67	317.65	NA
S-8	12/8/1993	<50	210	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	325.32	7.76	317.56	NA
S-8	3/4/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	325.32	7.66	317.66	NA
S-8	6/16/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	325.32	7.78	317.54	NA
S-8	5/5/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	325.32	7.42	317.90	NA
S-8	5/21/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	325.32	7.50	317.82	NA
S-8	5/12/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	325.32	7.56	317.76	1.6
S-8	5/8/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	325.32	7.64	317.68	2.0
S-8	6/27/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.00	NA	NA	NA	NA	NA	NA	325.32	7.75	317.57	2.3
S-8	4/28/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	325.32	8.02	317.30	1.8
S-8	5/30/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<0.50	NA	NA	NA	NA	NA	325.32	7.34	317.98	1.8
S-8	6/17/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	325.32	7.45	317.87	1.8
S-8	5/30/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	14	NA	NA	NA	NA	NA	325.03	7.39	317.64	3.0
S-8	5/3/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	325.03	7.00	318.03	1.0
S-8	1/14/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	325.03	8.65	316.39	NA
S-8	5/5/2005	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<0.50	<0.50	<0.50	<0.50	<5.0	NA	325.03	6.73	318.30	NA
S-8	8/5/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	325.03	6.93	318.10	NA
S-8	11/8/2005	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<10.0	NA	325.03	6.95	318.08	NA
S-8	1/31/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<10.0	NA	325.03	6.91	318.12	NA
S-8	5/16/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<10.0	NA	325.03	7.02	318.01	NA
S-8	8/23/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<10.0	NA	325.03	6.98	318.05	NA
S-8	11/13/2006	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<0.50	<0.50	<0.50	<0.50	<20	NA	325.03	7.09	317.94	NA
S-8	2/1/2007	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	325.03	7.27	317.76	NA

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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 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
S-8	5/23/2007	<50 n	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	325.03	6.80	318.23	NA
S-8	8/7/2007	<50 n	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	325.03	7.04	317.99	NA
S-8	11/29/2007	<50 n	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	325.03	7.04	317.99	NA
S-8	2/8/2008	<50 n	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	325.03	6.77	318.26	NA
S-8	5/21/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	<100	325.03	7.10	317.93	NA
S-8	8/6/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	325.03	6.94	318.09	NA
S-8	11/18/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	325.03	7.10	317.93	NA
S-8	**1/20/2009**	**<50**	**NA**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**NA**	**<1.0**	**<2.0**	**<2.0**	**<2.0**	**<10**	**NA**	**325.03**	**7.18**	**317.85**	**NA**
S-9	11/22/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	325.89	7.61	318.28	NA
S-9	11/27/2006	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	325.89	7.77	318.12	NA
S-9	2/1/2007	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	325.89	8.14	317.75	NA
S-9	5/23/2007	<50 n	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	325.89	7.85	318.04	NA
S-9	8/7/2007	<50 n	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	325.89	7.77	318.12	NA
S-9	11/29/2007	<50 n	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	325.89	7.99	317.90	NA
S-9	2/8/2008	<50 n	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	325.89	7.78	318.11	NA
S-9	5/21/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	<100	325.89	7.84	318.05	NA
S-9	8/6/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	325.89	7.69	318.20	NA
S-9	11/18/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	325.89	7.93	317.96	NA
S-9	**1/20/2009**	**<50**	**NA**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**NA**	**<1.0**	**<2.0**	**<2.0**	**<2.0**	**<10**	**NA**	**325.89**	**8.13**	**317.76**	**NA**
EW-1	2/20/2008	9,100 n	NA	110	180	840	146.9	NA	<5.0	<10	<10	<10	<50	<500	NA	8.07	NA	NA
EW-1	3/7/2008	11,000 n	NA	380	200	370	317.0	NA	<5.0	<10	<10	<10	<50	<500	NA	17.80	NA	NA
EW-1	3/21/2008	14,000	NA	690	430	750	614	NA	<5.0	<10	<10	<10	<50	<500	NA	8.61	NA	NA
EW-1	4/8/2008	12,000	NA	430	200	430	302	NA	<5.0	<10	<10	<10	<50	<500	NA	8.40	NA	NA
EW-1	4/21/2008	22,000	NA	430	510	1,100	747	NA	<5.0	<10	<10	<10	71	<500	NA	8.33	NA	NA
EW-1	5/6/2008	20,000	NA	280	620	1,000	616	NA	<10	<20	<20	<20	<100	<1,000	NA	8.30	NA	NA
EW-1	5/21/2008	17,000	NA	180	440	830	484	NA	<10	<20	<20	<20	<100	<1,000	NA	8.60	NA	NA

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Shell-branded Service Station
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Pleasanton, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
EW-1	8/6/2008	12,000	NA	140	79	720	110	NA	<10	<20	<20	<20	<100	NA	NA	8.41	NA	NA
EW-1	11/18/2008	16,000	NA	94	170	970	310	NA	<20	<40	<40	<40	<200	NA	NA	8.03	NA	NA
EW-1	**1/20/2009**	**10,000**	**NA**	**110**	**58**	**440**	**61**	**NA**	**<20**	**<40**	**<40**	**<40**	**<200**	**NA**	**NA**	**8.98**	**NA**	**NA**
EW-2	12/14/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.25	NA	NA
EW-2	2/8/2008	70 n,p	NA	<0.50	<1.0	<1.0	<1.0	NA	8.9	<2.0	<2.0	<2.0	940	NA	NA	8.42	NA	NA
EW-2	2/20/2008	59 n,p	NA	<1.0	<2.0	<2.0	<2.0	NA	10	<4.0	<4.0	<4.0	1,300	<200	NA	8.85	NA	NA
EW-2	3/7/2008	850 n,p	NA	<1.0	<2.0	<2.0	<2.0	NA	8.0	<4.0	<4.0	<4.0	1,200	<200	NA	9.75	NA	NA
EW-2	3/21/2008	350	NA	5.3	4.6	6.2	18	NA	<2.0	<4.0	<4.0	<4.0	990	<200	NA	9.51	NA	NA
EW-2	4/8/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	8.9	<2.0	<2.0	<2.0	180	<100	NA	9.12	NA	NA
EW-2	4/21/2008	140	NA	<0.50	<1.0	<1.0	<1.0	NA	57	<2.0	<2.0	<2.0	230	<100	NA	8.86	NA	NA
EW-2	5/6/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	8.3	<2.0	<2.0	<2.0	590	<100	NA	8.87	NA	NA
EW-2	5/21/2008	53	NA	<0.50	<1.0	<1.0	<1.0	NA	11	<2.0	<2.0	<2.0	380	<100	NA	9.00	NA	NA
EW-2	8/6/2008	60	NA	<0.50	<1.0	<1.0	<1.0	NA	10	<2.0	<2.0	<2.0	560	NA	NA	8.81	NA	NA
EW-2	11/18/2008	140	NA	8.0	<1.0	6.2	29	NA	7.4	<2.0	<2.0	<2.0	410	NA	NA	8.92	NA	NA
EW-2	**1/20/2009**	**<50**	**NA**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**NA**	**6.8**	**<2.0**	**<2.0**	**<2.0**	**390**	**NA**	**NA**	**9.28**	**NA**	**NA**

TABLE 1
WELL CONCENTRATIONS
Shell-branded Service Station
5251 Hopyard 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 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)

Abbreviations:

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

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

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

MTBE = Methyl tertiary butyl ether

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

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

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

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

TOC = Top of Casing Elevation

TOB = Top of Wellbox Elevation

SPH = Separate-Phase Hydrocarbons

GW = Groundwater

DO = Dissolved Oxygen

ug/L = Parts per billion

ppm = Parts per million

MSL = Mean sea level

ft. = Feet

<n = Below detection limit

(D) = Duplicate sample

TABLE 1
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Shell-branded Service Station
5251 Hopyard 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 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)

Notes:

Ethanol analyzed by EPA Method 8260B

a = Compounds detected as TEPH appear to be the less volatile constituents of gasoline.

b = The concentration reported as TEPH primarily due to the presence of a heavier petroleum product.

c = The concentration reported as TEPH due to the presence of a lighter petroleum product.

d = Concentrations reported as diesel includes a heavier petroleum product.

e = Compounds detected within the chromatographic range of TEPH but not characteristic of the standard gasoline pattern.

f = There was insufficient preservative to reduce the sample pH to less than 2.

g = Compounds detected within the chromatographic range of TEPH but not characteristic of the standard diesel pattern.

h = The chromatographic pattern of the purgeable hydrocarbons found in the sample is similar to the pattern of weathered gasoline.

i = DO reading not taken.

j = The results may be biased slightly high.

k = The hydrocarbon reported in the gasoline range does not match the laboratory standard.

l = Extracted out of holding time.

m = Analyte was detected in the associated Method Blank.

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

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

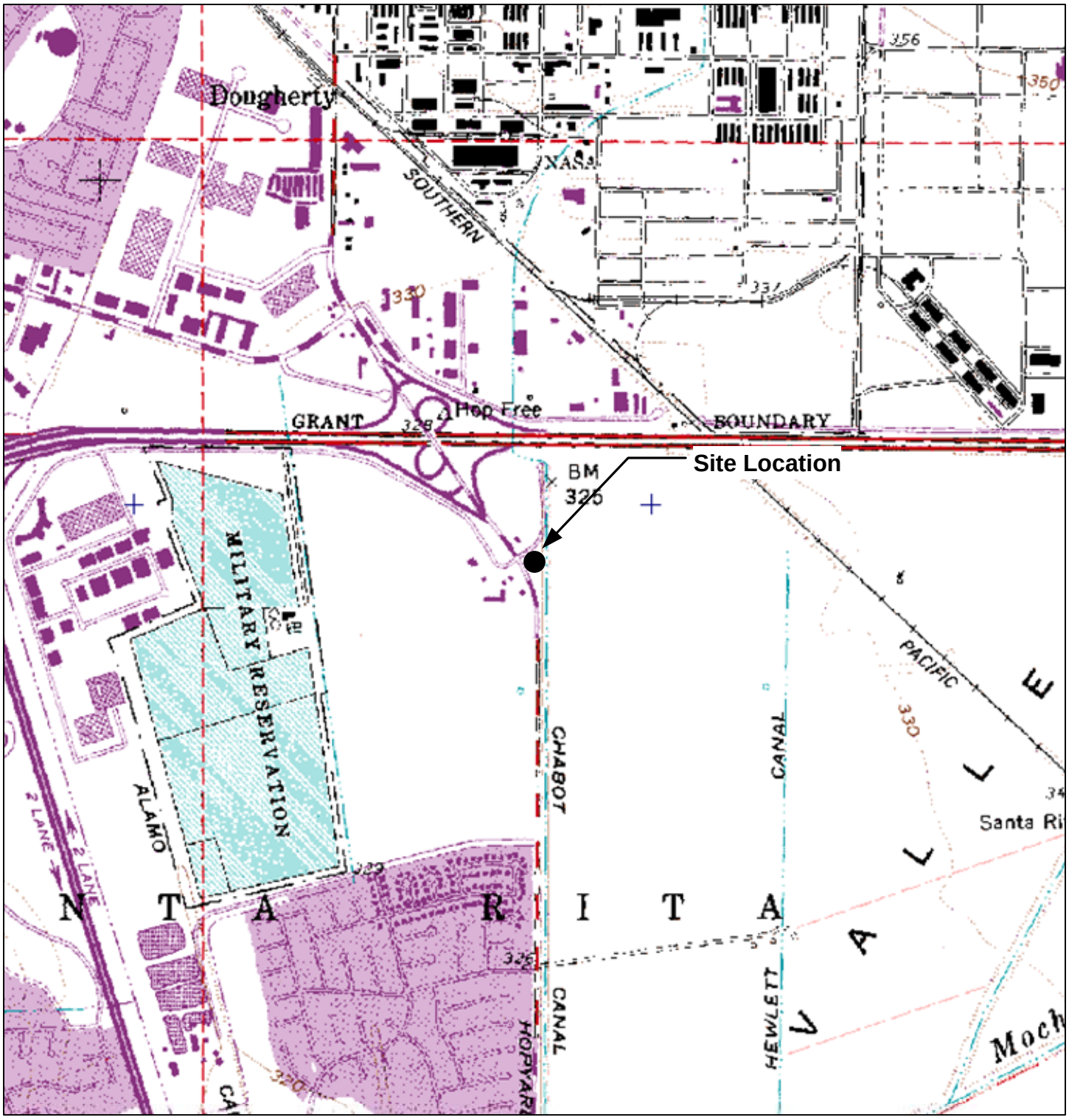
p = The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.

Site surveyed April 16, 2002 by Virgil Chavez Land Surveying of Vallejo, CA.

Beginning May 30, 2003, depth to water referenced to Top of Casing elevation.

Wells S-2, S-3 and S-9 were surveyed on November 22, 2006 by Mid Coast Engineers.

FIGURES



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

North

QUADRANGLE LOCATION

0 1,300 2,600
Scale, Feet

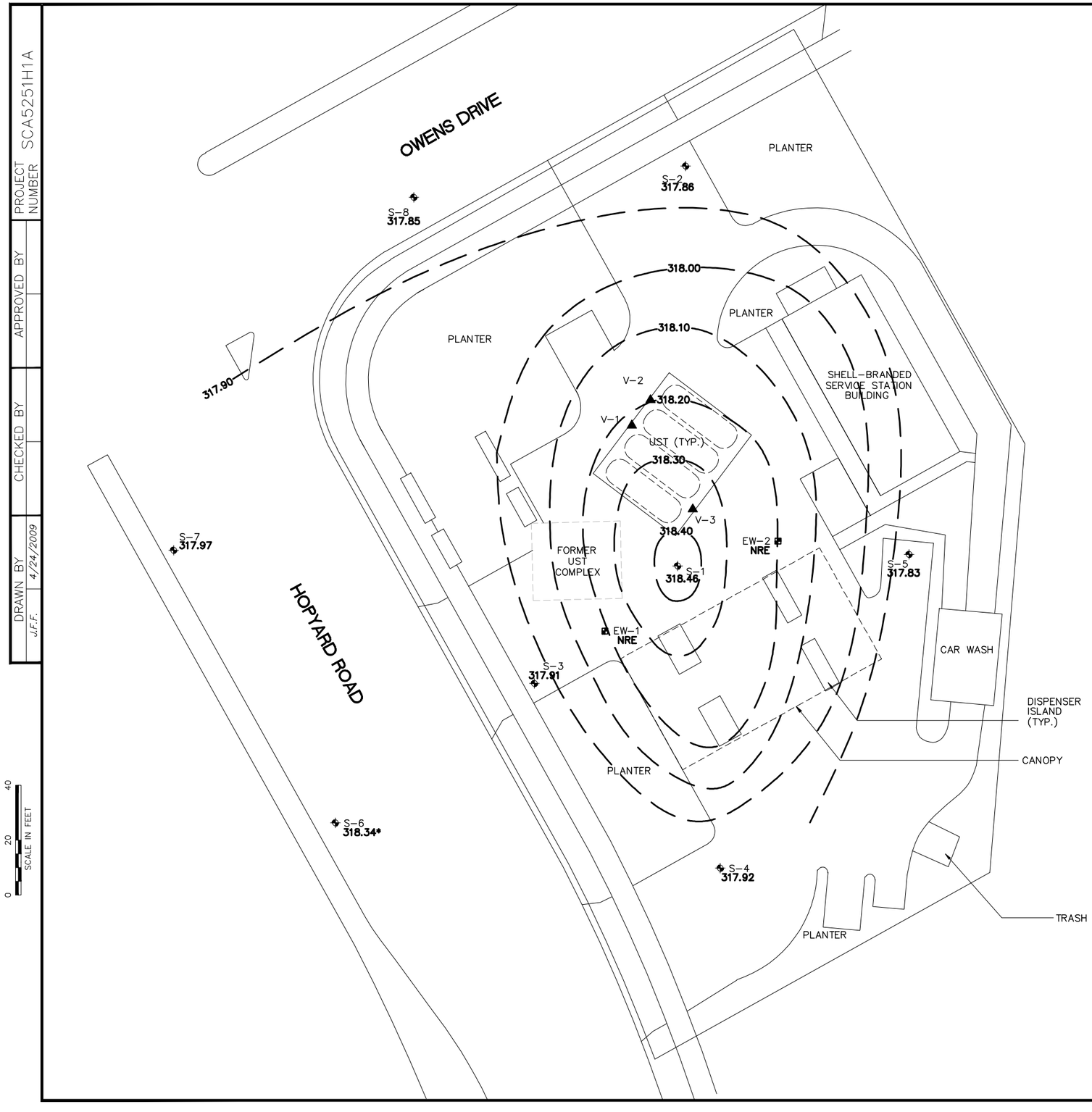
FIGURE 1
SITE LOCATION MAP

SHELL-BRANDED SERVICE STATION
5251 Hopyard Road
Pleasanton, California

PROJECT NO. SCA5251H1A	DRAWN BY V. F. 3/31/05
FILE NO.	PREPARED BY VF
REVISION NO.	REVIEWED BY

DELTA CONSULTANTS

PROJECT NUMBER	APPROVED BY	CHECKED BY	DRAWN BY
SCA5251H1A			J.F.F. 4/24/2009



LEGEND

MW-1	GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
EW-1	GROUNDWATER EXTRACTION WELL LOCATION AND DESIGNATION
V-3 ▲	SOIL VAPOR EXTRACTION WELL LOCATION AND DESIGNATION
318.68	GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL (Ft/MSL)
318.40 — — —	GROUNDWATER CONTOUR IN FEET ABOVE MEAN SEA LEVEL (Ft/MSL) CONTOUR INTERVAL=0.10 FEET
NRE	NOT REFERENCE ELEVATION
*	ANOMALOUS DATA NOT USED IN CONTOURING

NOTES

GROUNDWATER DIRECTION IS VARIABLE

DELTA CONSULTANTS

SHELL OIL PRODUCTS US
SHELL BRANDED SERVICE STATION
PLEASANTON, CALIFORNIA

FIGURE 2

GROUNDWATER ELEVATION CONTOUR MAP
1/20/2009

5251 HOPYARD ROAD
PLEASANTON, CALIFORNIA

PROJECT NUMBER SCA5251H1A

APPROVED BY

CHECKED BY

DRAWN BY J.F.F. 4/24/2009

OWENS DRIVE

HOPYARD ROAD

PLANTER

PLANTER

PLANTER

PLANTER

SHELL-BRANDED SERVICE STATION BUILDING

CAR WASH

DISPENSER ISLAND (TYP.)

CANOPY

TRASH

FORMER UST COMPLEX

UST (TYP.)

V-1

V-2

V-3

EW-1

EW-2

S-1

S-2

S-3

S-4

S-5

S-6

S-7

S-8

S-9

N

W E

S

0 20 40 SCALE IN FEET

S-2				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
1/20/09	**57**	ND<0.50	**46**	**13**

S-9				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
1/20/09	ND<50	ND<0.50	ND<1.0	ND<10

S-8				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
1/20/09	ND<50	ND<0.50	ND<1.0	ND<10

S-1				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
1/20/09	**5,1000**	**19**	**21**	**230**

S-7				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
1/20/09	ND<50	ND<0.50	**7.7**	ND<10

EW-2				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
1/20/09	ND<50	ND<0.50	**6.8**	**390**

S-5				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
1/20/09	**59**	ND<0.50	**2.7**	ND<10

EW-1				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
1/20/09	**10,000**	**110**	ND<20	ND<200

S-3				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
1/20/09	**950**	**100**	**18**	**16**

S-6				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
1/20/09	ND<50	ND<0.50	ND<1.0	ND<10

S-4				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
1/20/09	ND<50	ND<0.50	ND<1.0	ND<10

LEGEND

MW-1 ◆	GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
EW-1 ■	GROUNDWATER EXTRACTION WELL LOCATION AND DESIGNATION
V-3 ▲	SOIL VAPOR EXTRACTION WELL LOCATION AND DESIGNATION
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

DELTA CONSULTANTS

SHELL OIL PRODUCTS US
SHELL BRANDED SERVICE STATION
PLEASANTON, CALIFORNIA

FIGURE 3
GROUNDWATER HYDROCARBON DISTRIBUTION MAP
1/20/2009

5251 HOPYARD ROAD
PLEASANTON, CALIFORNIA

APPENDIX A

REGULATORY CORRESPONDENCE DATED MARCH 27, 2009

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

March 27, 2009

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

Carl Cox
CJC Hopyard LLC
4431 Stoneridge Drive, #100
Pleasanton, CA 94588-8412

Subject: Fuel Leak Case No. RO0000194 and Geotracker Global ID T0600101267, Shell#13-5785, 5251 Hopyard Road, Pleasanton, CA 94566

Dear Mr. Brown and Mr. Cox:

Alameda County Environmental Health (ACEH) staff has reviewed the fuel leak case file for the above-referenced site including the most recent document entitled, "*Revised Work Plan for Installation of Monitoring Wells S-10 through S-12, Shell Service Station, 5251 Hopyard Road, Pleasanton, California*," dated March 19, 2009. The Work Plan, which was prepared on Shell's behalf by Delta Environmental Consultants, Inc., proposes the installation of three monitoring wells at the site.

The proposed scope of work is acceptable and may be implemented as proposed. We request that you perform the proposed work and send us the reports described below.

TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Jerry Wickham), according to the following schedule:

- **July 31, 2009** – Well Installation Report
- **45 days following the end of each quarter** – Quarterly Monitoring Report

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

ELECTRONIC SUBMITTAL OF REPORTS

ACEH's Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of reports in electronic form. The electronic copy replaces paper copies and is expected to be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program

FTP site are provided on the attached "Electronic Report Upload Instructions." Submission of reports to the Alameda County FTP site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) Geotracker website. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for all groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitoring wells, and other data to the Geotracker database over the Internet. Beginning July 1, 2005, these same reporting requirements were added to Spills, Leaks, Investigations, and Cleanup (SLIC) sites. Beginning July 1, 2005, electronic submittal of a complete copy of all reports for all sites is required in Geotracker (in PDF format). Please visit the SWRCB website for more information on these requirements (http://www.swrcb.ca.gov/ust/cleanup/electronic_reporting).

PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "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." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

UNDERGROUND STORAGE TANK CLEANUP FUND

Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

AGENCY OVERSIGHT

If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to $10,000 per day for each day of violation.

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

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: 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

Suzanne McClurkin-Nelson, Delta Environmental Consultants, Inc., 312 Piercy Road, San Jose, CA 95138

Donna Drogos, ACEH
Jerry Wickham, ACEH
File

Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC)	ISSUE DATE: July 5, 2005
	REVISION DATE: December 16, 2005
	PREVIOUS REVISIONS: October 31, 2005
SECTION: Miscellaneous Administrative Topics & Procedures	SUBJECT: Electronic Report Upload (ftp) Instructions

Effective **January 31, 2006**, the Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities.

REQUIREMENTS

- Entire report including cover letter must be submitted to the ftp site as **a single portable document format (PDF) with no password protection.** (Please do not submit reports as attachments to electronic mail.)
- It is **preferable** that reports be converted to PDF format from their original format, (e.g., Microsoft Word) rather than scanned.
- Signature pages and perjury statements **must** be included and have either original or electronic signature.
- **Do not password protect the document.** Once indexed and inserted into the correct electronic case file, the document will be secured in compliance with the County's current security standards and a password. **Documents with password protection will not be accepted.**
- Each page in the PDF document should be rotated in the direction that will make it easiest to read on a computer monitor.
- Reports must be named and saved using the following naming convention:
  RO#_Report Name_Year-Month-Date (e.g., RO#5555_WorkPlan_2005-06-14)

Additional Recommendations

- A separate copy of the tables in the document should be submitted by e-mail to your Caseworker in **Excel** format. These are for use by assigned Caseworker only.

Submission Instructions

1) Obtain User Name and Password:
   a) Contact the Alameda County Environmental Health Department to obtain a User Name and Password to upload files to the ftp site.
      i) Send an e-mail to dehloptoxic@acgov.org
         or
      ii) Send a fax on company letterhead to (510) 337-9335, to the attention of Alicia Lam-Finneke.
   b) In the subject line of your request, be sure to include **"ftp PASSWORD REQUEST"** and in the body of your request, include the **Contact Information, Site Addresses,** and the **Case Numbers (RO# available in Geotracker) you will be posting for.**

2) Upload Files to the ftp Site
   a) Using Internet Explorer (IE4+), go to ftp://alcoftp1.acgov.org
      (i) Note: Netscape and Firefox browsers will not open the FTP site.
   b) Click on File, then on Login As.
   c) Enter your User Name and Password. (Note: Both are Case Sensitive.)
   d) Open "My Computer" on your computer and navigate to the file(s) you wish to upload to the ftp site.
   e) With both "My Computer" and the ftp site open in separate windows, drag and drop the file(s) from "My Computer" to the ftp window.

3) Send E-mail Notifications to the Environmental Cleanup Oversight Programs
   a) Send email to dehloptoxic@acgov.org notify us that you have placed a report on our ftp site.
   b) Copy your Caseworker on the e-mail. Your Caseworker's e-mail address is the entire first name then a period and entire last name at acgov.org. (e.g., firstname.lastname@acgov.org)
   c) The subject line of the e-mail must start with the RO# followed by **Report Upload.** (e.g., Subject: RO1234 Report Upload)

APPENDIX B

BLAINE TECH SERVICES, INC.
FIELD DATA SHEETS

SHELL WELLHEAD INSPECTION FORM

(FOR SAMPLE TECHNICIAN)

Site Address 5251 Hopyard Rd Date 1·20·09

Job Number 090120-MT1 Technician M. Todi Page 1 of 1

Well ID	Well Inspected - No Corrective Action Required	Well Box Meets Compliance Requirements *See Below	Water Bailed From Wellbox	Cap Replaced	Lock Replaced	Well Not Inspected (explain in notes)	New Deficiency Identified	Previously Identified Deficiency Persists	Notes
S-1	X								
S-2	~~X~~	~~X~~							1/2 Bolts missing
S-3	X								
S-4	X								
S-5	X								
S-6	X								TT
S-7	X								TT
S-8	X								TT Christy Box
S-9	X	~~X~~	X						
EW-1	X	X							Has tag
EW-2	X	~~X~~							
		No tags							

*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 # 090120-MT1 Date 01-20-09 Client Shell

Site 5251 Hopyard 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
S-1	832	3					8.28	28.60		
S-2	817	3					8.64	23.94		
S-3	826	3					9.10	23.85		
S-4	811	3					9.32	23.92		
S-5	821	3					9.60	23.95		
S-6	1009	3					8.01	25.51		
S-7	945	3					8.39	25.01		
S-8	1034	3					7.18	24.59		
S-9	805	2					8.13	19.72		
EW-1	838	4					8.98	19.73		
EW-2	843	6					9.28	25.83		

Traffic

Traffic

SHELL WELL MONITORING DATA SHEET

BTS #: 090120-MT1	Site: 5251 Hopyard Rd.
Sampler: MT	Date: 01-20-09
Well I.D.: S-1	Well Diameter: 2 (3) 4 6 8 ____
Total Well Depth (TD): 28.60	Depth to Water (DTW): 8.28
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 12.34	

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

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

7.5 (Gals.) X	3	=	22.5 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
1322	67.2	7.80	1435	71000	7.5	grey / odor
1324	67.7	7.73	1461	698	15	
1325	68.3	7.64	1517	559	22.5	DTW = 23.88

Did well dewater? Yes (No) Gallons actually evacuated: 22.5

Sampling Date: 01-20-09 Sampling Time: 1410 Depth to Water: 12.08

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

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 090120-MT1	Site: 5251 Hopyard Rd.
Sampler: MT	Date: 01-20-09
Well I.D.: S-2	Well Diameter: 2 (3) 4 6 8 ____
Total Well Depth (TD): 23.94	Depth to Water (DTW): 8.64
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]: 11.70	

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: ____

5.7 (Gals.) X	3	=	17.1 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
1101	65.3	7.86	3652	211	5.7	
1102	66.0	7.66	2952	131	11.4	
1103	66.5	7.58	2907	156	17.1	

Did well dewater? Yes (No) Gallons actually evacuated: 17.1

Sampling Date: 01-20-09 Sampling Time: 1110 Depth to Water: 11.62 (untied)

Sample I.D.: S-2 Laboratory: STL Other CALSCIENCE

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 090120-MT1	Site: 5251 Hopyard Rd.
Sampler: MT	Date: 01-20-09
Well I.D.: S-3	Well Diameter: 2 (3) 4 6 8 ____
Total Well Depth (TD): 23.85	Depth to Water (DTW): 9.32
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]: 12.23	

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: ____

5.4 (Gals.) X 3 = 16.2 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
1215	64.9	7.48	2232	110	5.4	odor
1216	64.9	7.34	2236	90.1	10.8	
1217	64.8	7.30	2253	192	16.2	

Did well dewater? Yes (No) Gallons actually evacuated: 16-2

Sampling Date: 01-20-09 Sampling Time: 1233 Depth to Water: 12.20 (Limited)

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

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 090120-MT1	Site: 5251 Hopyard Rd.
Sampler: MT	Date: 01-20-09
Well I.D.: S-4	Well Diameter: 2 (3) 4 6 8 ____
Total Well Depth (TD): 23.92	Depth to Water (DTW): 9.32
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]: 12.24	

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: ____

5.4 (Gals.) X	3	=	16.2 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
1151	65.3	7.90	1063	209	5.4	
1152	66.0	7.69	1041	212	10.8	
1153	66.3	7.62	1048	195	16.2	DTW 15.80

Did well dewater? Yes (No) Gallons actually evacuated: 16.2

Sampling Date: 01-20-09 Sampling Time: 1202 Depth to Water: 12.11 (wrong)

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

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 090120-MT1	Site: 5251 Hopyard Rd.
Sampler: MT	Date: 01-20-09
Well I.D.: S-5	Well Diameter: 2 (3) 4 6 8 ____
Total Well Depth (TD): 23.95	Depth to Water (DTW): 9.60
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]: 12.47	

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

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

1 Case Volume	Specified Volumes	Calculated Volume
5.3 (Gals.) X	3 =	15.9 Gals.

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1125	64.5	7.68	1349	285	5.3	
1126	64.9	7.41	1326	229	10.6	
1127	65.3	7.29	1318	218	15.9	DTW = 14.90

Did well dewater? Yes (No) Gallons actually evacuated: 15.9

Sampling Date: 01-20-09 Sampling Time: 1136 Depth to Water: 12.43 (waited)

Sample I.D.: S-5 Laboratory: STL Other CALSCIENCE

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 090120-MT1	Site: 5251 Hopyard Rd.
Sampler: MT	Date: 01-20-09
Well I.D.: S-6	Well Diameter: 2 (3) 4 6 8 ____
Total Well Depth (TD): 25.56	Depth to Water (DTW): 8.01
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]: traffic	

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: ____

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
1012	68.0	7.04	7054	272	6.5	
1013	68.4	6.96	6394	367	13	
1015	69.1	6.94	6882	330	19.5	

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

Sampling Date: 01-20-09 Sampling Time: 1020 Depth to Water: traffic

Sample I.D.: S-6 Laboratory: STL Other CALSCIENCE

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 090120-MT1	Site: 5251 Hopyard Rd.
Sampler: MT	Date: 01-20-09
Well I.D.: S-7	Well Diameter: 2 (3) 4 6 8 ___
Total Well Depth (TD): 25.01	Depth to Water (DTW): 8.39
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]: traffic	

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

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

6.1 (Gals.) X 3 = 18.3 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
949	65.8	7.20	6826	102	6.1	
950	68.3	6.97	7187	140	12.2	
951	69.1	6.89	7578	152	18.3	

Did well dewater? Yes (No) Gallons actually evacuated: 18.3

Sampling Date: 01-20-09 Sampling Time: 956 Depth to Water: Traffic

Sample I.D.: S-7 Laboratory: STL Other CALSCIENCE

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 090120-MT1	Site: 5251 Hopyard Rd.
Sampler: MT	Date: 01-20-09
Well I.D.: S-8	Well Diameter: 2 (3) 4 6 8 ____
Total Well Depth (TD): 24.59	Depth to Water (DTW): 7.18
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]: traffic	

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

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

6.4 (Gals.) X	3	=	19.2 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 ~~uS~~)	Turbidity (NTUs)	Gals. Removed	Observations
1036	66.9	6.97	15.09 mS	393	6.4	
1038	67.4	6.90	9525 uS	348	12.8	
1039	67.4	6.81	11.22 mS	378	19.2	

Did well dewater? Yes (No) Gallons actually evacuated: 19.2

Sampling Date: 01-20-09 Sampling Time: 1046 Depth to Water: traffic

Sample I.D.: S-8 Laboratory: STL Other CALSCIENCE

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 090120-MT1	Site: 5251 Hopyard Rd.
Sampler: MT	Date: 01-20-09
Well I.D.: S-9	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 19.72	Depth to Water (DTW): 8.13
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]: 10.45	

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: ____

1.9 (Gals.) X	3	=	5.7 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
908	64.8	6.81	3685	602	1.9	
911	66.1	7.08	3718	813	3.8	
914	65.9	7.25	3831	71000	5.7	

Did well dewater? Yes (No) Gallons actually evacuated: 5.7

Sampling Date: 01-20-09 Sampling Time: 919 Depth to Water: 9.36

Sample I.D.: S-9 Laboratory: STL Other CALSCIENCE

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 090120-MT1	Site: 5251 Hopyard Rd.
Sampler: MT	Date: 01-20-09
Well I.D.: EW-1	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 19.73	Depth to Water (DTW): 8.98
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]: 11.13	

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

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

7 (Gals.) X	3	=	21 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 (uS))	Turbidity (NTUs)	Gals. Removed	Observations
1246	66.4	7.84	1368	207	7	odor
1248	67.2	7.46	1285	69.8	14	↓
1249	67.4	7.33	1268	54.9	21	↓ Dtw=15.90

Did well dewater? Yes (No) Gallons actually evacuated: 21

Sampling Date: 01-20-09 Sampling Time: 1305 Depth to Water: 11.10 waited

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

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 090120-MT1	Site: 5251 Hopyard Rd.
Sampler: MT	Date: 01-20-09
Well I.D.: EW-2	Well Diameter: 2 3 4 (6) 8 ___
Total Well Depth (TD): 25.83	Depth to Water (DTW): 9.28
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 12.59	

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: ____

24.3 (Gals.) X	3	=	72.9 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
1340	66.7	7.82	1613	554	24.3	
1345	68.2	7.58	1625	574	48.6	
1350	68.8	7.56	1621	624	72.9	DTW - 22.59

Did well dewater? Yes (No) Gallons actually evacuated: 72.9

Sampling Date: 01-20-09 Sampling Time: 1425 Depth to Water: 12.42

Sample I.D.: EW-2 Laboratory: STL Other CALSCIENCE

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

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

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

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

APPENDIX C

BLAINE TECH SERVICES, INC.
FIELD PROCEDURES

BLAINE
TECH SERVICES INC.

GROUNDWATER SAMPLING SPECIALISTS
SINCE 1985

February 6, 2009

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

First Quarter 2009 Groundwater Monitoring at
Shell-branded Service Station
5251 Hopyard Road
Pleasanton, CA

Monitoring performed on January 20, 2009

Groundwater Monitoring Report **090120-MT-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/jb

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

cc: Suzanne McClurkin-Nelson
Delta Environmental
175 Bernal Rd., Suite 200
San Jose, CA 95119

BLAINE TECH SERVICES, INC.
METHODS AND PROCEDURES
FOR THE ROUTINE MONITORING OF
GROUNDWATER WELLS AT SHELL SITES

Blaine Tech Services, Inc. performs environmental sampling and documentation as an independent third party. We specialize in groundwater monitoring assignments and intentionally limit the scope of our services to those centered on the generation of objective information.

To avoid conflicts of interest, Blaine Tech Services, Inc. personnel do not evaluate or interpret the information we collect. As a state licensed contractor (C-57 well drilling –water – 746684) performing strictly technical services, we do not make any professional recommendations and perform no consulting of any kind.

SAMPLING PROCEDURES OVERVIEW

SAFETY

All groundwater monitoring assignments performed for Shell comply with Shell's safety guidelines, 29 CFR 1910.120 and SB-198 Injury and Illness Prevention Program (IIPP). All Field Technicians receive the full 40-hour 29CFR 1910.120 OSHA SARA HAZWOPER course, medical clearance and on-the-job training prior to commencing any work on any Shell site.

INSPECTION AND GAUGING

Wells are inspected prior to evacuation and sampling. The condition of the wellhead is checked and noted according to a wellhead inspection checklist.

Standard measurements include the depth to water (DTW) and the total well depth (TD) obtained with industry standard electronic water level indicators that are graduated in increments of hundredths of a foot.

The water in each well is inspected for the presence of immiscibles. When free product is suspected, its presence is confirmed using an electronic interface probe (e.g. MMC). No samples are collected from a well containing over two-hundredths of a foot (0.02') of product.

EVACUATION

Depth to water measurements are collected by our personnel prior to purging and minimum purge volumes are calculated anew for each well based on the height of the water column and the diameter of the well. Expected purge volumes are never less than three case volumes and are set at no less than four case volumes in some jurisdictions.

Well purging devices are selected on the basis of the well diameter and the total volume to be evacuated. In most cases the well will be purged using an electric submersible pump (i.e. Grundfos) suspended near (but not touching) the bottom of the well.

PARAMETER STABILIZATION

Well purging completion standards include minimum purge volumes, but additionally require stabilization of specific groundwater parameters prior to sample collection. Typical groundwater parameters used to measure stability are electrical conductivity, pH, and temperature. Instrument readings are obtained at regular intervals during the evacuation process (no less than once per case volume).

Stabilization standards for routine quarterly monitoring of fuel sites include the following: Temperature is considered to have stabilized when successive readings do not fluctuate more than +/- 1 degree Celsius. Electrical conductivity is considered stable when successive readings are within 10%. pH is considered to be stable when successive readings remain constant or vary no more than 0.2 of a pH unit.

DEWATERED WELLS

Normal evacuation removes no less than three case volumes of water from the well. However, less water may be removed in cases where the well 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

CERTIFIED LABORATORY REPORT
WITH CHAIN-OF-CUSTODY DOCUMENTATION

Calscience Environmental Laboratories, Inc.

February 03, 2009

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

Subject: **Calscience Work Order No.: 09-01-1760**
Client Reference: 5251 Hopyard Rd., Pleasanton, CA

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 1/22/2009 and analyzed in accordance with the attached chain-of-custody.

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

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

Sincerely,

Philip Hamelle for

Calscience Environmental
Laboratories, Inc.
Jessie Kim
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	01/22/09
1680 Rogers Avenue		Work Order No:	09-01-1760
San Jose, CA 95112-1105		Preparation:	EPA 5030B
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/L

Project: 5251 Hopyard Rd., Pleasanton, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-1	**09-01-1760-1-A**	**01/20/09 14:10**	**Aqueous**	**GC/MS UU**	**01/30/09**	**01/30/09 18:19**	**090130L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	19	2.5	5		Tert-Butyl Alcohol (TBA)	230	50	5	
Ethylbenzene	140	5.0	5		Diisopropyl Ether (DIPE)	ND	10	5	
Toluene	21	5.0	5		Ethyl-t-Butyl Ether (ETBE)	ND	10	5	
Xylenes (total)	22	5.0	5		Tert-Amyl-Methyl Ether (TAME)	ND	10	5	
Methyl-t-Butyl Ether (MTBE)	21	5.0	5		TPPH	5100	250	5	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	106	74-140			1,2-Dichloroethane-d4	111	74-146		
Toluene-d8	103	88-112			Toluene-d8-TPPH	104	88-112		
1,4-Bromofluorobenzene	96	74-110							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-2	**09-01-1760-2-A**	**01/20/09 11:10**	**Aqueous**	**GC/MS UU**	**01/31/09**	**02/01/09 04:25**	**090131L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	13	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)	46	1.0	1		TPPH	57	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	107	74-140			1,2-Dichloroethane-d4	119	74-146		
Toluene-d8	101	88-112			Toluene-d8-TPPH	102	88-112		
1,4-Bromofluorobenzene	92	74-110							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-3	**09-01-1760-3-A**	**01/20/09 12:33**	**Aqueous**	**GC/MS UU**	**01/30/09**	**01/30/09 18:43**	**090130L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	100	0.50	1		Tert-Butyl Alcohol (TBA)	16	10	1	
Ethylbenzene	1.8	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	1.2	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)	18	1.0	1		TPPH	950	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	105	74-140			1,2-Dichloroethane-d4	112	74-146		
Toluene-d8	101	88-112			Toluene-d8-TPPH	102	88-112		
1,4-Bromofluorobenzene	92	74-110							

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	01/22/09
1680 Rogers Avenue		Work Order No:	09-01-1760
San Jose, CA 95112-1105		Preparation:	EPA 5030B
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/L

Project: 5251 Hopyard Rd., Pleasanton, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-4	**09-01-1760-4-A**	**01/20/09 12:02**	**Aqueous**	**GC/MS UU**	**01/30/09**	**01/30/09 19:08**	**090130L01**

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	107	74-140			1,2-Dichloroethane-d4	114	74-146		
Toluene-d8	100	88-112			Toluene-d8-TPPH	101	88-112		
1,4-Bromofluorobenzene	88	74-110							

S-5	**09-01-1760-5-A**	**01/20/09 11:36**	**Aqueous**	**GC/MS UU**	**01/30/09**	**01/30/09 19:32**	**090130L01**

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)	2.7	1.0	1		TPPH	59	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	108	74-140			1,2-Dichloroethane-d4	113	74-146		
Toluene-d8	100	88-112			Toluene-d8-TPPH	101	88-112		
1,4-Bromofluorobenzene	90	74-110							

S-6	**09-01-1760-6-A**	**01/20/09 10:20**	**Aqueous**	**GC/MS UU**	**01/30/09**	**01/30/09 19:57**	**090130L01**

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	110	74-140			1,2-Dichloroethane-d4	121	74-146		
Toluene-d8	102	88-112			Toluene-d8-TPPH	103	88-112		
1,4-Bromofluorobenzene	90	74-110							

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	01/22/09
1680 Rogers Avenue		Work Order No:	09-01-1760
San Jose, CA 95112-1105		Preparation:	EPA 5030B
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/L

Project: 5251 Hopyard Rd., Pleasanton, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-7	**09-01-1760-7-A**	**01/20/09 09:56**	**Aqueous**	**GC/MS UU**	**01/30/09**	**01/30/09 20:21**	**090130L01**

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)	7.7	1.0	1		TPPH	ND	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	111	74-140			1,2-Dichloroethane-d4	120	74-146		
Toluene-d8	102	88-112			Toluene-d8-TPPH	103	88-112		
1,4-Bromofluorobenzene	88	74-110							

S-8	**09-01-1760-8-A**	**01/20/09 10:46**	**Aqueous**	**GC/MS UU**	**01/30/09**	**01/30/09 20:46**	**090130L01**

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	113	74-140			1,2-Dichloroethane-d4	123	74-146		
Toluene-d8	101	88-112			Toluene-d8-TPPH	102	88-112		
1,4-Bromofluorobenzene	91	74-110							

S-9	**09-01-1760-9-A**	**01/20/09 09:19**	**Aqueous**	**GC/MS UU**	**01/31/09**	**02/01/09 04:50**	**090131L02**

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	109	74-140			1,2-Dichloroethane-d4	116	74-146		
Toluene-d8	100	88-112			Toluene-d8-TPPH	101	88-112		
1,4-Bromofluorobenzene	90	74-110							

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	01/22/09
1680 Rogers Avenue		Work Order No:	09-01-1760
San Jose, CA 95112-1105		Preparation:	EPA 5030B
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/L

Project: 5251 Hopyard Rd., Pleasanton, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
EW-1	**09-01-1760-10-A**	**01/20/09 13:05**	**Aqueous**	**GC/MS UU**	**01/30/09**	**01/30/09 21:10**	**090130L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	110	10	20		Tert-Butyl Alcohol (TBA)	ND	200	20	
Ethylbenzene	440	20	20		Diisopropyl Ether (DIPE)	ND	40	20	
Toluene	58	20	20		Ethyl-t-Butyl Ether (ETBE)	ND	40	20	
Xylenes (total)	61	20	20		Tert-Amyl-Methyl Ether (TAME)	ND	40	20	
Methyl-t-Butyl Ether (MTBE)	ND	20	20		TPPH	10000	1000	20	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	106	74-140			1,2-Dichloroethane-d4	116	74-146		
Toluene-d8	101	88-112			Toluene-d8-TPPH	102	88-112		
1,4-Bromofluorobenzene	94	74-110							

EW-2	**09-01-1760-11-A**	**01/20/09 14:25**	**Aqueous**	**GC/MS UU**	**01/31/09**	**02/01/09 05:14**	**090131L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	390	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)	6.8	1.0	1		TPPH	ND	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	111	74-140			1,2-Dichloroethane-d4	124	74-146		
Toluene-d8	102	88-112			Toluene-d8-TPPH	103	88-112		
1,4-Bromofluorobenzene	92	74-110							

Method Blank	**099-12-767-991**	**N/A**	**Aqueous**	**GC/MS UU**	**01/30/09**	**01/30/09 13:49**	**090130L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
Xylenes (total)	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1		TPPH	ND	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	102	74-140			1,2-Dichloroethane-d4	112	74-146		
Toluene-d8	99	88-112			Toluene-d8-TPPH	100	88-112		
1,4-Bromofluorobenzene	90	74-110							

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	01/22/09
1680 Rogers Avenue		Work Order No:	09-01-1760
San Jose, CA 95112-1105		Preparation:	EPA 5030B
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/L

Project: 5251 Hopyard Rd., Pleasanton, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-767-1,013**	**N/A**	**Aqueous**	**GC/MS UU**	**01/31/09**	**02/01/09 01:10**	**090131L02**

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	108	74-140			1,2-Dichloroethane-d4	117	74-146		
Toluene-d8	100	88-112			Toluene-d8-TPPH	102	88-112		
1,4-Bromofluorobenzene	91	74-110							

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

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

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

Date Received: 01/22/09
Work Order No: 09-01-1760
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project 5251 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
09-01-1782-6	**Aqueous**	**GC/MS UU**	**01/30/09**	**01/30/09**	**090130S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	100	88	88-118	12	0-7	4
Carbon Tetrachloride	102	87	67-145	16	0-11	4
Chlorobenzene	100	91	88-118	9	0-7	4
1,2-Dibromoethane	107	104	70-130	3	0-30	
1,2-Dichlorobenzene	101	95	86-116	6	0-8	
1,1-Dichloroethene	105	89	70-130	16	0-25	
Ethylbenzene	101	87	70-130	14	0-30	
Toluene	97	85	87-123	13	0-8	4,3
Trichloroethene	99	84	79-127	16	0-10	4
Vinyl Chloride	99	89	69-129	11	0-13	
Methyl-t-Butyl Ether (MTBE)	111	109	71-131	2	0-13	
Tert-Butyl Alcohol (TBA)	152	155	36-168	1	0-45	
Diisopropyl Ether (DIPE)	112	105	81-123	6	0-9	
Ethyl-t-Butyl Ether (ETBE)	110	106	72-126	4	0-12	
Tert-Amyl-Methyl Ether (TAME)	108	104	72-126	4	0-12	
Ethanol	128	121	53-149	6	0-31	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

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

Date Received: 01/22/09
Work Order No: 09-01-1760
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project 5251 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
09-01-1977-4	**Aqueous**	**GC/MS UU**	**01/31/09**	**02/01/09**	**090131S02**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	90	93	88-118	3	0-7	
Carbon Tetrachloride	88	91	67-145	3	0-11	
Chlorobenzene	90	93	88-118	3	0-7	
1,2-Dibromoethane	98	102	70-130	4	0-30	
1,2-Dichlorobenzene	90	94	86-116	4	0-8	
1,1-Dichloroethene	80	83	70-130	3	0-25	
Ethylbenzene	87	88	70-130	2	0-30	
Toluene	86	88	87-123	3	0-8	3
Trichloroethene	84	87	79-127	3	0-10	
Vinyl Chloride	85	89	69-129	4	0-13	
Methyl-t-Butyl Ether (MTBE)	96	103	71-131	7	0-13	
Tert-Butyl Alcohol (TBA)	89	102	36-168	13	0-45	
Diisopropyl Ether (DIPE)	109	113	81-123	4	0-9	
Ethyl-t-Butyl Ether (ETBE)	101	105	72-126	4	0-12	
Tert-Amyl-Methyl Ether (TAME)	102	104	72-126	2	0-12	
Ethanol	103	113	53-149	9	0-31	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

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

Date Received: N/A
Work Order No: 09-01-1760
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project: 5251 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-767-991	**Aqueous**	**GC/MS UU**	**01/30/09**	**01/30/09**	**090130L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	98	97	84-120	78-126	0	0-8	
Carbon Tetrachloride	105	104	63-147	49-161	1	0-10	
Chlorobenzene	100	99	89-119	84-124	1	0-7	
1,2-Dibromoethane	100	102	80-120	73-127	2	0-20	
1,2-Dichlorobenzene	100	100	89-119	84-124	0	0-9	
1,1-Dichloroethene	109	109	77-125	69-133	0	0-16	
Ethylbenzene	103	103	80-120	73-127	0	0-20	
Toluene	98	97	83-125	76-132	1	0-9	
Trichloroethene	99	98	89-119	84-124	0	0-8	
Vinyl Chloride	107	104	63-135	51-147	3	0-13	
Methyl-t-Butyl Ether (MTBE)	99	99	82-118	76-124	1	0-13	
Tert-Butyl Alcohol (TBA)	95	98	46-154	28-172	3	0-32	
Diisopropyl Ether (DIPE)	108	108	81-123	74-130	0	0-11	
Ethyl-t-Butyl Ether (ETBE)	103	104	74-122	66-130	1	0-12	
Tert-Amyl-Methyl Ether (TAME)	99	101	76-124	68-132	1	0-10	
Ethanol	105	113	60-138	47-151	8	0-32	
TPPH	78	81	65-135	53-147	3	0-30	

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

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Blaine Tech Services, Inc.	Date Received: N/A
1680 Rogers Avenue	Work Order No: 09-01-1760
San Jose, CA 95112-1105	Preparation: EPA 5030B
	Method: LUFT GC/MS / EPA 8260B

Project: 5251 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-767-1,013	**Aqueous**	**GC/MS UU**	**01/31/09**	**01/31/09**	**090131L02**

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	95	91	84-120	78-126	4	0-8	
Carbon Tetrachloride	97	93	63-147	49-161	4	0-10	
Chlorobenzene	96	95	89-119	84-124	1	0-7	
1,2-Dibromoethane	104	102	80-120	73-127	2	0-20	
1,2-Dichlorobenzene	95	95	89-119	84-124	0	0-9	
1,1-Dichloroethene	102	98	77-125	69-133	4	0-16	
Ethylbenzene	97	95	80-120	73-127	2	0-20	
Toluene	97	91	83-125	76-132	6	0-9	
Trichloroethene	100	93	89-119	84-124	7	0-8	
Vinyl Chloride	98	96	63-135	51-147	3	0-13	
Methyl-t-Butyl Ether (MTBE)	104	102	82-118	76-124	2	0-13	
Tert-Butyl Alcohol (TBA)	103	96	46-154	28-172	8	0-32	
Diisopropyl Ether (DIPE)	114	110	81-123	74-130	3	0-11	
Ethyl-t-Butyl Ether (ETBE)	107	104	74-122	66-130	3	0-12	
Tert-Amyl-Methyl Ether (TAME)	105	100	76-124	68-132	5	0-10	
Ethanol	119	109	60-138	47-151	9	0-32	
TPPH	77	78	65-135	53-147	0	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.

Glossary of Terms and Qualifiers

Work Order Number: 09-01-1760

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

Shell Oil Products Chain Of Custody Record

LAB (LOCATION)
- ☑ 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

INCIDENT # (ENV SERVICES): 9 8 9 9 5 8 4 3 ☐ CHECK IF NO INCIDENT # APPLIES

DATE: 01-20-09

PAGE: 1 of 2

PO # | SAP #

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: 5251 Hopyard Rd., Pleasanton | State: CA | GLOBAL ID NO: T0600101267

EDF DELIVERABLE TO (Name, Company, Office Location): Jon Suing, Delta, Monrovia Office | PHONE NO: 626.256.6662 | E-MAIL: jsuing@deltaenv.com | CONSULTANT PROJECT NO: 090120-MT1 | BTS#

SAMPLER NAME(S) (Print): M. Todi

LAB USE ONLY: 01-1760

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 Suzanne McClurkin-Nelson w/final report
smcclurkin-nelson@deltaenv.com

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

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	TPH - Purgeable (8260B)	TPH - Extractable (8015M)	BTEX (8260B)	5 Oxygenates (8260B)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	TEMPERATURE ON RECEI C° / Container PID Readings or Laboratory Notes
1	S-1	01-20-09	1410	W	3					3	X		X	X										
2	S-2		1110								X		X	X										
3	S-3		1233								X		X	X										
4	S-4		1202								X		X	X										
5	S-5		1136								X		X	X										
6	S-6		1020								X		X	X										
7	S-7		955								X		X	X										
8	S-8		1046								X		X	X										
9	S-9		919								X		X	X										
10	EW-1	↓	1305	↓	↓					↓	X		X	X										

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
		01-20-09	1530
Patti	CEL	1-21-09	1400
TO 1-21-09 1730 SW 28384		1/22/09	1000

05/2/06 Revision

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

PO #:

INCIDENT # (ENV SERVICES): 9 8 9 9 5 8 4 3 ☐ CHECK IF NO INCIDENT # APPLIES

SAP #:

DATE: 01-20-09

PAGE: 2 of 2

SAMPLING COMPANY: Blaine Tech Services	LOG CODE: BTSS	SITE ADDRESS: Street and City: 5251 Hopyard Rd., Pleasanton	State: CA	GLOBAL ID NO: T0600101267
ADDRESS: 1680 Rogers Ave, San Jose, CA 95112		EDF DELIVERABLE TO (Name, Company, Office Location): Jon Suing, Delta, Monrovia Office	PHONE NO: 626.256.6662	E-MAIL: jsuing@deltaenv.com	CONSULTANT PROJECT NO: 090120-MN1 BTS#
PROJECT CONTACT (Hardcopy or PDF Report to): Michael Ninokata		SAMPLER NAME(S) (Print): M. Todi			LAB USE ONLY: 01-1760
TELEPHONE: (408)573-0555	FAX: (408)573-7771	E-MAIL: mninokata@blainetech.com			

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11	EW-2	01-20-09	1425	W	3					3	X		X	X										

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
		01-20-09	1530
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
		1-21-09	1400
Relinquished by: (Signature) TO 1-21-09 GSO 1730	Received by: (Signature)	Date: 1/22/09	Time: 1000

05/2/06 Revision

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 09-01-1760

SAMPLE RECEIPT FORM

Cooler 1 **of** 1

CLIENT: Blaine Tech **DATE:** 01/22/09

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

Temperature 1.9 °C - 0.2 °C (CF) = 1.7 °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:** AP

CUSTODY SEALS INTACT:

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

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

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

CONTAINER TYPE:

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

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

Air: ☐Tedlar® ☐Summa® ☐_____

Checked/Labeled by: AP

Reviewed by: JD

Scanned by: AP

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

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