



Shell Oil Products US

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1:19 pm, May 12, 2009

Alameda County
Environmental Health

May 11, 2009

Re: **Quarterly Monitoring Report – First Quarter 2009**
Former Shell-branded Service Station
15275 Washington Avenue
San Leandro, 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

A handwritten signature in black ink, appearing to read "Denis L. Brown", with a long horizontal flourish extending to the right.

Denis L. Brown
Project Manager

May 11, 2009
DELTA Project No. SCA152751A
SAP No. 129460

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

**Re: FIRST QUARTER 2009
SEMI-ANNUAL GROUNDWATER MONITORING REPORT
Former Shell-Branded Service Station
15275 Washington Avenue
San Leandro, California**



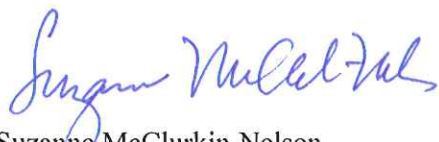
Dear Mr. Wickham:

On behalf of Shell Oil Products (SHELL), Delta Consultants, Inc. (DELTA) has prepared this *First Quarter 2009 Semi-Annual Groundwater Monitoring Report* for the above referenced site. The sampling activities at the site were conducted by Blaine Tech Services, Inc. under contract to SHELL and included the collection of groundwater samples and static water level measurements. DELTA did not provide any oversight of Blaines 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.

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.

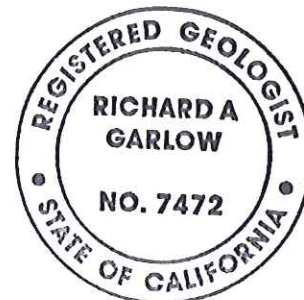
Sincerely,
Delta Consultants



Suzanne McClurkin-Nelson
Senior Project Manager



Richard A. Garlow, M.S., PG
Project Specialist



Attachment: First Quarter 2009 Semi-Annual Groundwater Monitoring Report

cc: Denis Brown, Shell Oil Products US, Carson
Mike Bakaldin, San Leandro Fire Department, San Leandro
Jonathan Redding, Wendell, Rosen, Black & Dean, Oakland
Richard Waxman, Wendell, Rosen, Black & Dean, Oakland
Salel Enterprises c/o Foothill Hardware, Oakland

SHELL QUARTERLY STATUS REPORT

Station Address:	15275 Washington Avenue, San Leandro, California
DELTA Project No.:	SCA152751A
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 Health Care Services Agency (ACHCSA) / Jerry Wickham
Other Agencies to Receive Copies:	San Leandro Fire Department / Mike Bakaldin

WORK PERFORMED THIS QUARTER (FIRST – 2009):

1. Semi-annual groundwater monitoring and sampling; issue monitoring report.
2. Submitted *Groundwater Sampling Work Plan* dated January 27, 2009.
3. Submitted *Soil Vapor Extraction Pilot Test Work Plan* dated January 27, 2009.

WORK PROPOSED FOR NEXT QUARTER (THIRD – 2009):

1. No monitoring or sampling (semi-annual monitoring schedule).
2. Submit revised SVE Pilot Test Work Plan with additions as requested by Alameda County

Current Phase of Project:	Groundwater monitoring
Site Use:	Former Shell-branded Service Station
Frequency of Sampling:	Semi-annual (S-3 and S-7 through S-9) Annual (S-1, S-5, S-10, S-13, and S-16 through S-19)
Frequency of Monitoring:	Semi-annual
Is Separate Phase Hydrocarbon Present On-site (Well #'s):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Cumulative SPH Recovered to Date:	NA
SPH Recovered This Quarter :	None
Groundwater Removed this Quarter:	None
Sensitive Receptor(s) and Respective Direction(s):	No municipal wells are located within a half mile from the site.
Site Lithology:	Silt, silty sand, and clay were encountered to the total depth explored, with minor sand interbeds noted.
Current Remediation Techniques:	None
Permits for Discharge:	None
Approximate Depth to Groundwater:	6.18 to 7.28 feet below top of well casing
Groundwater Gradient:	Southwest at approximately 0.003 ft/ft; generally consistent with previous data
Current Agency Correspondence:	ACHCSA letter dated March 31, 2009 (Attachment A)

SHELL QUARTERLY STATUS REPORT (CONT.)

Site History:

Case Opening	1985 – four on-site wells installed, TPH-G detected in groundwater, as well as separate phase product in one well.
On-Site Assessment	1985-1987 – on-site wells and soil borings
Off-Site Assessment	1988-1991 – off-site wells installed 1997 – on- and off-site soil vapor survey
Passive Remediation	Natural attenuation since source and tank removal in 1987
Active Remediation	1987 – over 700 cubic yards of petroleum hydrocarbon impacted soil was excavated during UST and dispenser removal. 1998-1999 – Soil vapor extraction system removed 1,410 pounds of vapor-phase hydrocarbons from the site
Closure	Evaluate closure request following soil vapor survey
Summary of Unusual Activity:	None
Discussion:	

Soil Vapor Survey indicated concentrations of petroleum hydrocarbon vapors in soil at levels to cause concern. Recommended evaluation of soil and groundwater remedial measures. *Soil Vapor Extraction Pilot Test Work Plan* dated January 27, 2009 was submitted for review by Alameda County.

ATTACHMENTS:

Table:

Table 1 – Well Concentrations

Figures:

Figure 1 – Site Location Map

Figure 2 – Groundwater Elevation Contour Map – 1/8/2009

Figure 3 – Hydrocarbon Distribution in Groundwater Map – 1/8/2009

Appendices:

Appendix A – ACHCSA Letter Dated 3/31/2009

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
Former Shell Service Station
15275 Washington Boulevard
San Leandro, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
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S-1	7/8/1985	520	NA	NA	NA	NA	NA	NA	21.55	NA	NA	NA	NA
S-1	9/6/1988	<50	<0.5	<1	<1	<0.3	NA	NA	21.55	NA	NA	NA	NA
S-1	11/16/1988	<50	<0.5	<1	<1	<0.3	NA	NA	21.55	8.01	13.54	NA	NA
S-1	2/27/1989	<50	0.5	<1	<1	<0.3	NA	NA	21.55	NA	NA	NA	NA
S-1	5/4/1989	<50	1.0	<1	<1	<0.3	NA	NA	21.55	NA	NA	NA	NA
S-1	8/10/1989	<50	0.7	<1	<1	<0.3	NA	NA	21.55	7.93	13.62	NA	NA
S-1	10/10/1989	<50	<0.5	<1	<1	<0.3	NA	NA	21.55	8.09	13.46	NA	NA
S-1	1/25/1990	<50	<0.5	<0.5	<0.5	<1	NA	NA	21.55	7.73	13.82	NA	NA
S-1	4/18/1990	<50	<0.5	<0.5	<0.5	<1	NA	NA	21.55	7.91	13.64	NA	NA
S-1	7/23/1990	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.55	7.72	13.83	NA	NA
S-1	10/18/1990	80	5	<0.5	<0.5	3.0	NA	NA	21.55	8.55	13.00	NA	NA
S-1	1/28/1991	<50	4.5	<0.5	<0.5	2.0	NA	NA	21.55	8.52	13.03	NA	NA
S-1	4/25/1991	80a	3.7	<0.5	0.7	2.0	NA	NA	21.55	7.18	14.37	NA	NA
S-1	7/9/1991	200	16	<0.5	1.3	5.8	NA	NA	21.55	8.22	13.33	NA	NA
S-1	10/8/1991	<50	2.3	<0.5	<0.5	<0.5	NA	NA	21.55	8.70	12.85	NA	NA
S-1	2/5/1992	160	8.9	<0.5	2.1	6.0	NA	NA	21.55	8.14	13.41	NA	NA
S-1	4/28/1992	<50	2.4	<0.5	<0.5	0.9	NA	NA	21.55	7.52	14.03	NA	NA
S-1	7/27/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.55	8.28	13.27	NA	NA
S-1	10/26/1992	57	3.0	1.6	1.4	1.7	NA	NA	21.55	8.74	12.81	NA	NA
S-1	1/14/1993	490	53	1.2	20	33	NA	NA	21.55	5.91	15.64	NA	NA
S-1	4/16/1993	240	20	<0.5	15	240	NA	NA	21.55	6.66	14.89	NA	NA
S-1	7/23/1993	<50	0.5	<0.5	<0.5	<0.5	NA	NA	21.55	7.53	14.02	NA	NA
S-1	10/27/1993	60	5.9	<0.5	2.5	1.7	NA	NA	21.55	8.20	13.35	NA	NA
S-1	1/27/1994	<50	2.1	<0.5	<0.5	0.63	NA	NA	21.55	7.26	14.29	NA	NA
S-1	5/5/1994	57	3.9	<0.5	1.9	1.9	NA	NA	21.27	7.38	13.89	NA	NA
S-1	7/26/1994	<50	2.2	<0.3	<0.3	<0.6	NA	NA	21.27	7.86	13.41	NA	NA
S-1	10/28/1994	<50	0.8	<0.3	<0.3	0.8	NA	NA	21.27	7.86	13.41	NA	NA
S-1	1/2/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.27	6.85	14.42	NA	NA

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Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-1	4/14/1995	NA	NA	NA	NA	NA	NA	NA	21.27	6.08	15.19	NA	NA
S-1	7/28/1995	60	2.2	<0.5	1.3	1.2	NA	NA	21.27	6.79	14.48	NA	NA
S-1	10/17/1995	60	2.6	<0.5	1.2	1.3	NA	NA	21.27	7.04	14.23	NA	NA
S-1	1/11/1996	<50	2.0	<0.5	<0.5	<0.5	<2	NA	21.27	6.40	14.87	NA	NA
S-1	4/2/1996	NA	NA	NA	NA	NA	NA	NA	21.27	5.84	15.43	NA	NA
S-1	7/9/1996	NA	NA	NA	NA	NA	NA	NA	21.27	6.50	14.77	NA	NA
S-1	10/10/1996	NA	NA	NA	NA	NA	NA	NA	21.27	7.31	13.96	NA	NA
S-1	1/9/1997	<50	<0.50	<0.50	<0.50	<0.50	6.7	NA	21.27	5.50	15.77	NA	NA
S-1	4/8/1997	NA	NA	NA	NA	NA	NA	NA	21.27	7.03	14.24	NA	NA
S-1	7/21/1997	NA	NA	NA	NA	NA	NA	NA	21.27	7.00	14.27	NA	NA
S-1	10/8/1997	NA	NA	NA	NA	NA	NA	NA	21.27	7.51	13.76	NA	NA
S-1	1/15/1998	420	16	<0.50	4.6	3.9	26	NA	21.27	5.43	15.84	NA	NA
S-1	4/14/1998	NA	NA	NA	NA	NA	NA	NA	21.27	5.55	15.72	NA	NA
S-1	7/14/1998	NA	NA	NA	NA	NA	NA	NA	21.33	6.38	14.95	NA	NA
S-1	10/20/1998	NA	NA	NA	NA	NA	NA	NA	21.33	7.48	13.85	NA	NA
S-1	1/22/1999	<50.0	<0.500	<0.500	<0.500	<0.500	2.53	NA	21.33	6.37	14.96	NA	NA
S-1	4/8/1999	NA	NA	NA	NA	NA	NA	NA	21.33	5.93	15.40	NA	NA
S-1	7/23/1999	NA	NA	NA	NA	NA	NA	NA	21.33	7.20	14.13	NA	NA
S-1	10/26/1999	NA	NA	NA	NA	NA	NA	NA	21.33	7.61	13.72	NA	NA
S-1	1/3/2000	<50.0	<0.500	<0.500	<0.500	<0.500	4.73	NA	21.33	7.76	13.57	NA	NA
S-1	4/14/2000	NA	NA	NA	NA	NA	NA	NA	21.33	6.35	14.98	NA	NA
S-1	7/12/2000	NA	NA	NA	NA	NA	NA	NA	21.33	7.05	14.28	NA	NA
S-1	11/1/2000	NA	NA	NA	NA	NA	NA	NA	21.33	6.51	14.82	NA	NA
S-1	1/3/2001	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	21.33	7.49	13.84	NA	NA
S-1	4/24/2001	NA	NA	NA	NA	NA	NA	NA	21.33	6.85	14.48	NA	NA
S-1	7/2/2001	NA	NA	NA	NA	NA	NA	NA	21.33	7.65	13.68	NA	NA
S-1	11/2/2001	NA	NA	NA	NA	NA	NA	NA	21.33	7.84	13.49	NA	NA
S-1	1/16/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	21.33	6.16	15.17	NA	NA
S-1	4/1/2002	NA	NA	NA	NA	NA	NA	NA	21.33	6.57	14.76	NA	NA

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S-1	7/11/2002	NA	NA	NA	NA	NA	NA	NA	21.33	7.52	13.81	NA	NA
S-1	10/28/2002	NA	NA	NA	NA	NA	NA	NA	21.33	7.99	13.34	NA	NA
S-1	1/23/2003	<50	<0.50	<0.50	<0.50	<0.50	NA	5.6	21.33	6.46	14.87	NA	NA
S-1	4/30/2003	NA	NA	NA	NA	NA	NA	NA	21.33	6.18	15.15	NA	NA
S-1	7/1/2003	NA	NA	NA	NA	NA	NA	NA	21.33	7.38	13.95	NA	NA
S-1	10/8/2003	NA	NA	NA	NA	NA	NA	NA	21.33	7.87	13.46	NA	NA
S-1	1/22/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	NA	21.33	6.90	14.43	NA	NA
S-1	7/13/2004	NA	NA	NA	NA	NA	NA	NA	21.33	7.83	13.50	NA	NA
S-1	1/20/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	NA	21.33	5.68	15.65	NA	NA
S-1	7/19/2005	NA	NA	NA	NA	NA	NA	NA	21.33	6.35	14.98	NA	NA
S-1	1/27/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	NA	21.33	6.05	15.28	NA	NA
S-1	7/25/2006	NA	NA	NA	NA	NA	NA	NA	21.33	7.12	14.21	NA	NA
S-1	1/4/2007	<50	<0.50	<0.50	<0.50	<1.0	NA	NA	21.33	6.75	14.58	NA	NA
S-1	7/24/2007	NA	NA	NA	NA	NA	NA	NA	21.33	7.73	13.60	NA	NA
S-1	1/15/2008	<50 g	<0.50	<1.0	<1.0	<1.0	NA	NA	21.33	6.10	15.23	NA	NA
S-1	8/4/2008	NA	NA	NA	NA	NA	NA	NA	21.33	7.76	13.57	NA	NA
S-1	1/8/2009	<50	0.57	<1.0	<1.0	<1.0	NA	NA	21.33	7.28	14.05	NA	NA

S-3	9/6/1988	96000	3400	9500	2700	17000	NA	NA	21.14	NA	NA	NA	NA
S-3	11/16/1988	70000	4600	8400	2500	13000	NA	NA	21.14	7.76	13.38	NA	NA
S-3	2/27/1989	32000	2400	3100	1500	6400	NA	NA	21.14	NA	NA	NA	NA
S-3	5/4/1989	47000	4400	300	2400	15000	NA	NA	21.14	NA	NA	NA	NA
S-3	8/10/1989	110000	5700	5700	3200	19000	NA	NA	21.14	7.92	13.22	NA	NA
S-3	10/10/1989	52000	4600	3300	2600	15000	NA	NA	21.14	8.00	13.14	NA	NA
S-3	1/25/1990	420000	5200	4100	6700	34000	NA	NA	21.14	7.54	13.60	NA	NA
S-3	4/18/1990	58000	3800	1400	2400	12000	NA	NA	21.14	7.74	13.40	NA	NA
S-3	7/23/1990	49000	3400	1800	2300	12000	NA	NA	21.14	7.55	13.59	NA	NA
S-3	10/18/1990	44000	3500	650	2400	11000	NA	NA	21.14	8.47	12.67	NA	NA
S-3	1/28/1991	64000	40900	570	1940	8090	NA	NA	21.14	8.38	12.76	NA	NA

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S-3	4/25/1991	120000	3900	3600	2400	8900	NA	NA	21.14	6.91	14.23	NA	NA
S-3	7/9/1991	50000	3600	2300	1800	10000	NA	NA	21.14	8.07	13.07	NA	NA
S-3	10/8/1991	130000	3600	1000	2800	8400	NA	NA	21.14	8.61	12.53	NA	NA
S-3	2/5/1992	150000	2500	670	2700	10000	NA	NA	21.14	7.80	13.34	NA	NA
S-3	4/28/1992	120000	2200	1200	2000	5800	NA	NA	21.14	7.27	13.87	NA	NA
S-3	7/27/1992	190000	1400	<1250	<1250	3400	NA	NA	21.14	8.10	13.04	NA	NA
S-3	10/26/1992	950000	2000	8400	16000	36000	NA	NA	21.14	8.62	12.52	NA	NA
S-3	1/14/1993	41000	2700	2500	1800	6900	NA	NA	21.14	5.16	15.98	NA	NA
S-3	4/16/1993	40000	930	2800	1900	14000	NA	NA	21.14	7.18	13.96	NA	NA
S-3	7/23/1993	87000	1600	<5	1300	4000	NA	NA	21.14	7.34	13.80	NA	NA
S-3	10/27/1993	36000	2200	<500	1500	3200	NA	NA	21.14	8.03	13.11	NA	NA
S-3	1/27/1994	190000	3200	3100	4100	15000	NA	NA	21.14	6.79	14.35	NA	NA
S-3	5/5/1994	36000	1100	490	1600	4700	NA	NA	20.48	6.75	13.73	NA	NA
S-3	7/26/1994	18000	1039	170.5	845.4	967.5	NA	NA	20.48	7.30	13.18	NA	NA
S-3	10/28/1994	25869	467.9	294	546.2	343.3	NA	NA	20.48	8.36	12.12	NA	NA
S-3	1/2/1995	23000	850	260	900	2100	NA	NA	20.48	6.36	14.12	NA	NA
S-3	4/14/1995	33000	720	670	1600	6600	NA	NA	20.48	5.87	14.61	NA	NA
S-3	7/28/1995	12000	540	<10	580	780	NA	NA	20.48	6.33	14.15	NA	NA
S-3	10/17/1995	Well inaccessible		NA	NA	NA	NA	NA	20.48	6.48	14.00	NA	NA
S-3	1/11/1996	16000	520	290	740	2600	<200	NA	20.48	5.80	14.68	NA	NA
S-3	4/2/1996	NA	NA	NA	NA	NA	NA	NA	20.48	5.00	15.48	NA	NA
S-3	7/9/1996	NA	NA	NA	NA	NA	NA	NA	20.48	5.93	14.55	NA	NA
S-3	10/10/1996	NA	NA	NA	NA	NA	NA	NA	20.48	6.73	13.75	NA	NA
S-3	1/9/1997	30000	420	330	1500	6300	<500	NA	20.48	4.72	15.76	NA	NA
S-3	4/8/1997	NA	NA	NA	NA	NA	NA	NA	20.48	6.63	13.85	NA	NA
S-3	7/21/1997	NA	NA	NA	NA	NA	NA	NA	20.48	6.18	14.30	NA	NA
S-3	10/8/1997	NA	NA	NA	NA	NA	NA	NA	20.48	6.83	13.65	NA	NA
S-3	1/15/1998	21000	300	51	770	2800	<100	NA	20.48	4.30	16.18	NA	NA
S-3 (D)	1/15/1998	14000	330	63	920	3400	<250	NA	20.48	NA	NA	NA	NA

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S-3	4/14/1998	NA	NA	NA	NA	NA	NA	NA	20.48	4.37	16.11	NA	NA
S-3	7/14/1998	NA	NA	NA	NA	NA	NA	NA	20.48	5.47	15.01	NA	NA
S-3	10/20/1998	Well inaccessible		NA	NA	NA	NA	NA	20.48	NA	NA	NA	NA
S-3	1/22/1999	40000	313	194	2200	8800	<40.0	NA	20.48	5.71	14.77	NA	NA
S-3	4/8/1999	NA	NA	NA	NA	NA	NA	NA	20.48	4.95	15.53	NA	NA
S-3	7/23/1999	NA	NA	NA	NA	NA	NA	NA	20.48	6.78	13.70	NA	NA
S-3	10/26/1999	NA	NA	NA	NA	NA	NA	NA	20.48	7.25	13.23	NA	NA
S-3	1/3/2000	39700	150	61.8	1690	7720	445	NA	20.48	7.46	13.02	NA	NA
S-3	4/14/2000	NA	NA	NA	NA	NA	NA	NA	20.48	5.64	14.84	NA	NA
S-3	7/12/2000	Well inaccessible		NA	NA	NA	NA	NA	20.48	NA	NA	NA	NA
S-3	11/1/2000	NA	NA	NA	NA	NA	NA	NA	20.48	6.72	13.76	NA	NA
S-3	1/3/2001	25000	89.0	<50.0	1270	5180	<250	NA	20.48	7.14	13.34	NA	NA
S-3	4/24/2001	Well inaccessible		NA	NA	NA	NA	NA	20.48	NA	NA	NA	NA
S-3	7/2/2001	NA	NA	NA	NA	NA	NA	NA	20.48	7.28	13.20	NA	3.2
S-3	11/2/2001	NA	NA	NA	NA	NA	NA	NA	20.48	7.64	12.84	NA	3.5
S-3	1/16/2002	Well inaccessible		NA	NA	NA	NA	NA	20.48	NA	NA	NA	NA
S-3	4/1/2002	NA	NA	NA	NA	NA	NA	NA	20.48	5.99	14.49	NA	3.8
S-3	7/11/2002	NA	NA	NA	NA	NA	NA	NA	20.48	7.21	13.27	NA	0.7
S-3	10/28/2002	NA	NA	NA	NA	NA	NA	NA	20.85	7.90	12.95	NA	e
S-3	1/23/2003	28000	60	13	970	3700	NA	<50	20.85	6.00	14.85	NA	0.3
S-3	4/30/2003	NA	NA	NA	NA	NA	NA	NA	20.85	5.34	15.51	NA	1.0
S-3	7/1/2003	NA	NA	NA	NA	NA	NA	NA	20.85	7.28	13.57	NA	1.0
S-3	10/8/2003	NA	NA	NA	NA	NA	NA	NA	20.85	7.63	13.22	NA	26.9
S-3	1/22/2004	3200	5.7	<2.5	16	320	NA	NA	20.85	6.53	14.32	NA	0.5
S-3	7/13/2004	Well inaccessible		NA	NA	NA	NA	NA	20.85	NA	NA	NA	NA
S-3	7/21/2004	3100	4.1	<2.5	10	130	NA	NA	20.85	7.64	13.21	NA	2.2
S-3	1/20/2005	93	<0.50	<0.50	1.3	1.8	NA	NA	20.85	5.78	15.07	NA	0.8
S-3	7/19/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	NA	20.85	6.35	14.50	NA	NA
S-3	1/27/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	NA	20.85	5.55	15.30	NA	NA

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Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
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S-3	7/25/2006	100	<1.00	<1.00	<1.00	<3.00	NA	NA	20.85	7.09	13.76	NA	NA
S-3	1/4/2007	<50	<0.50	<0.50	<0.50	<1.0	NA	NA	20.85	6.53	14.32	NA	NA
S-3	7/24/2007	590 g,h	0.99	<1.0	0.25 i	0.99 i	NA	NA	20.85	7.44	13.41	NA	NA
S-3	1/15/2008	<50 g	<0.50	<1.0	<1.0	<1.0	NA	NA	20.85	5.41	15.44	NA	NA
S-3	8/4/2008	76	<0.50	<1.0	<1.0	<1.0	NA	NA	20.85	6.62	14.23	NA	NA
S-3	1/8/2009	260	<0.50	<1.0	<1.0	<1.0	NA	NA	20.85	6.87	13.98	NA	NA

S-5	1/8/1987	7800	380	510	NA	1000	NA	NA	21.41	NA	NA	NA	NA
S-5	9/6/1988	7000	2600	60	400	700	NA	NA	21.41	NA	NA	NA	NA
S-5	11/16/1988	3000	660	60	120	220	NA	NA	21.41	NA	NA	NA	NA
S-5	2/27/1989	5700	2000	220	260	320	NA	NA	21.41	NA	NA	NA	NA
S-5	5/4/1989	9000	3000	600	630	1700	NA	NA	21.41	NA	NA	NA	NA
S-5	8/10/1989	5100	1100	<50	270	400	NA	NA	21.41	8.28	13.13	NA	NA
S-5	10/10/1989	15000	3300	160	830	2200	NA	NA	21.41	8.32	13.09	NA	NA
S-5	1/25/1990	12000	2400	360	570	1400	NA	NA	21.41	8.20	13.21	NA	NA
S-5	4/18/1990	5200	1100	40	300	460	NA	NA	21.41	8.32	13.09	NA	NA
S-5	7/23/1990	5500	1300	140	320	730	NA	NA	21.41	8.03	13.38	NA	NA
S-5	10/18/1990	12000	3200	40	720	900	NA	NA	21.41	9.03	12.38	NA	NA
S-5	1/28/1991	2550	410	15	110	60	NA	NA	21.41	8.80	12.61	NA	NA
S-5	4/25/1991	67000	5100	3100	2800	11000	NA	NA	21.41	7.40	14.01	NA	NA
S-5	7/9/1991	4900	480	36	360	1000	NA	NA	21.41	8.52	12.89	NA	NA
S-5	10/8/1991	6600	370	7.0	190	380	NA	NA	21.41	9.00	12.41	NA	NA
S-5	2/5/1992	44000	4800	850	2700	8400	NA	NA	21.41	8.11	13.30	NA	NA
S-5	4/28/1992	33000	1400	320	1600	5200	NA	NA	21.41	7.70	13.71	NA	NA
S-5	7/27/1992	20000	2400	<25	1800	2300	NA	NA	21.41	8.52	12.89	NA	NA
S-5	10/26/1992	21000	1600	140	1500	2800	NA	NA	21.41	9.02	12.39	NA	NA
S-5	1/14/1993	54000	1900	1000	2700	16000	NA	NA	21.41	5.22	16.19	NA	NA
S-5	4/16/1993	42000	2000	1300	4300	18000	NA	NA	21.41	7.04	14.37	NA	NA
S-5	7/23/1993	46000	2500	2200	3400	11000	NA	NA	21.41	7.75	13.66	NA	NA

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S-5	10/27/1993	6500	990	31	1100	1000	NA	NA	21.41	8.49	12.92	NA	NA
S-5	1/27/1994	34000	1800	580	2900	9700	NA	NA	21.41	7.04	14.37	NA	NA
S-5	5/5/1994	24000	670	70	1400	2700	NA	NA	21.03	7.20	13.83	NA	NA
S-5	7/27/1994	4700	193.6	33.1	332.3	281.2	NA	NA	21.03	7.72	13.31	NA	NA
S-5	10/28/1994	3200	167.3	18	238.7	104.5	NA	NA	21.03	7.82	13.21	NA	NA
S-5	1/2/1995	18000	1300	220	3400	10000	NA	NA	21.03	6.65	14.38	NA	NA
S-5	4/14/1995	NA	NA	NA	NA	NA	NA	NA	21.03	5.99	15.04	NA	NA
S-5	7/28/1995	25000	440	74	1700	4500	NA	NA	21.03	6.77	14.26	NA	NA
S-5 (D)	7/28/1995	25000	450	<50	1700	4600	NA	NA	21.03	NA	NA	NA	NA
S-5	10/17/1995	18000	360	24	1300	2200	NA	NA	21.03	7.00	14.03	NA	NA
S-5	1/11/1996	41000	420	180	1600	9500	<200	NA	21.03	6.22	14.81	NA	NA
S-5	4/2/1996	NA	NA	NA	NA	NA	NA	NA	21.03	5.44	15.59	NA	NA
S-5	7/9/1996	NA	NA	NA	NA	NA	NA	NA	21.03	6.41	14.62	NA	NA
S-5	10/10/1996	NA	NA	NA	NA	NA	NA	NA	21.03	7.19	13.84	NA	NA
S-5	1/9/1997	38000	130	43	160	6200	<125	NA	21.03	5.03	16.00	NA	NA
S-5 (D)	1/9/1997	36000	130	<50	160	5600	<250	NA	21.03	NA	NA	NA	NA
S-5	4/8/1997	NA	NA	NA	NA	NA	NA	NA	21.03	7.20	13.83	NA	NA
S-5	7/21/1997	NA	NA	NA	NA	NA	NA	NA	21.03	6.82	14.21	NA	NA
S-5	10/8/1997	NA	NA	NA	NA	NA	NA	NA	21.03	7.31	13.72	NA	NA
S-5	1/15/1998	49000	62	<50	93	4100	<250	NA	21.03	4.58	16.45	NA	NA
S-5	4/14/1998	NA	NA	NA	NA	NA	NA	NA	21.03	4.94	16.09	NA	NA
S-5	7/14/1998	NA	NA	NA	NA	NA	NA	NA	21.27	5.36	15.91	NA	NA
S-5	10/20/1998	NA	NA	NA	NA	NA	NA	NA	21.27	7.53	13.74	NA	NA
S-5	1/22/1999	2550	9.09	<0.500	1.93	112	4.40	NA	21.27	6.35	14.92	NA	NA
S-5	4/8/1999	NA	NA	NA	NA	NA	NA	NA	21.27	5.37	15.90	NA	NA
S-5	7/23/1999	NA	NA	NA	NA	NA	NA	NA	21.27	6.43	14.84	NA	NA
S-5	10/26/1999	NA	NA	NA	NA	NA	NA	NA	21.27	7.51	13.76	NA	NA
S-5	1/3/2000	3310	39.0	<10.0	293	21.7	<50.0	NA	21.27	7.78	13.49	NA	NA
S-5	4/14/2000	NA	NA	NA	NA	NA	NA	NA	21.27	6.15	15.12	NA	NA

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S-5	7/12/2000	NA	NA	NA	NA	NA	NA	NA	21.27	7.05	14.22	NA	NA
S-5	11/1/2000	NA	NA	NA	NA	NA	NA	NA	21.27	6.00	15.27	NA	NA
S-5	1/3/2001	516	3.65	0.968	18.0	4.02	18.4	NA	21.27	7.48	13.79	NA	NA
S-5	4/24/2001	NA	NA	NA	NA	NA	NA	NA	21.27	6.58	14.69	NA	NA
S-5	7/2/2001	NA	NA	NA	NA	NA	NA	NA	21.27	7.60	13.67	NA	NA
S-5	11/2/2001	NA	NA	NA	NA	NA	NA	NA	21.27	7.94	13.33	NA	NA
S-5	1/16/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	21.27	5.88	15.39	NA	NA
S-5	4/1/2002	NA	NA	NA	NA	NA	NA	NA	21.27	6.27	15.00	NA	NA
S-5	7/11/2002	NA	NA	NA	NA	NA	NA	NA	21.27	7.53	13.74	NA	NA
S-5	10/28/2002	NA	NA	NA	NA	NA	NA	NA	21.27	8.11	13.16	NA	NA
S-5	1/23/2003	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	21.27	6.22	15.05	NA	NA
S-5	4/30/2003	NA	NA	NA	NA	NA	NA	NA	21.27	5.48	15.79	NA	NA
S-5	7/1/2003	NA	NA	NA	NA	NA	NA	NA	21.27	7.32	13.95	NA	NA
S-5	10/8/2003	NA	NA	NA	NA	NA	NA	NA	21.27	7.91	13.36	NA	NA
S-5	1/22/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	NA	21.27	6.68	14.59	NA	NA
S-5	7/13/2004	NA	NA	NA	NA	NA	NA	NA	21.27	8.17	13.10	NA	NA
S-5	1/20/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	NA	21.27	5.30	15.97	NA	NA
S-5	7/19/2005	NA	NA	NA	NA	NA	NA	NA	21.27	6.35	14.92	NA	NA
S-5	1/27/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	NA	21.27	5.83	15.44	NA	NA
S-5	7/25/2006	NA	NA	NA	NA	NA	NA	NA	21.27	7.35	13.92	NA	NA
S-5	1/4/2007	<50	<0.50	<0.50	<0.50	<1.0	NA	NA	21.27	6.82	14.45	NA	NA
S-5	7/24/2007	NA	NA	NA	NA	NA	NA	NA	21.27	7.70	13.57	NA	NA
S-5	1/15/2008	<50 g	<0.50	<1.0	<1.0	<1.0	NA	NA	21.27	5.83	15.44	NA	NA
S-5	8/4/2008	NA	NA	NA	NA	NA	NA	NA	21.27	8.04	13.23	NA	NA
S-5	1/8/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	NA	21.27	7.21	14.06	NA	NA

S-6	11/16/1988	50	0.7	<1	<1	<3	NA	NA	22.02	8.58	13.44	NA	NA
S-6	2/27/1989	<50	<0.5	<1	<1	<3	NA	NA	22.02	NA	NA	NA	NA
S-6	5/4/1989	<50	<0.5	<1	<1	<3	NA	NA	22.02	NA	NA	NA	NA

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Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-6	8/10/1989	<50	<0.5	<1	<1	<3	NA	NA	22.02	8.54	13.48	NA	NA
S-6	10/10/1989	<50	<0.5	<1	<1	<3	NA	NA	22.02	8.58	13.44	NA	NA
S-6	1/25/1990	<50	<0.5	<0.5	<0.5	<1	NA	NA	22.02	8.31	13.71	NA	NA
S-6	4/18/1990	<50	<0.5	0.6	<0.5	1.0	NA	NA	22.02	8.43	13.59	NA	NA
S-6	7/23/1990	<50	<0.5	0.9	<0.5	1.8	NA	NA	22.02	8.24	13.78	NA	NA
S-6	10/18/1990	<50	<0.5	0.7	<0.5	0.8	NA	NA	22.02	9.20	12.82	NA	NA
S-6	1/28/1991	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	22.02	9.10	12.92	NA	NA
S-6	4/25/1991	<50	<0.5	<0.5	<0.5	0.7	NA	NA	22.02	7.74	14.28	NA	NA
S-6	7/9/1991	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	22.02	8.81	13.21	NA	NA
S-6	10/8/1991	<50	0.7	<0.5	<0.5	<0.5	NA	NA	22.02	9.26	12.76	NA	NA
S-6	2/2/1992	NA	NA	NA	NA	NA	NA	NA	22.02	8.47	13.55	NA	NA
S-6	4/28/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	22.02	7.91	14.11	NA	NA
S-6	7/27/1992	NA	NA	NA	NA	NA	NA	NA	22.02	8.83	13.19	NA	NA
S-6	10/26/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	22.02	9.29	12.73	NA	NA
S-6	1/13/1994	NA	NA	NA	NA	NA	NA	NA	22.02	9.43	12.59	NA	NA
S-6	4/16/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	22.02	7.12	14.90	NA	NA
S-6	7/23/1993	NA	NA	NA	NA	NA	NA	NA	22.02	8.14	13.88	NA	NA
S-6	10/27/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	22.02	8.75	13.27	NA	NA
S-6	1/27/1994	NA	NA	NA	NA	NA	NA	NA	22.02	7.87	14.15	NA	NA
S-6	5/5/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.40	7.71	13.69	NA	NA
S-6	7/26/1994	NA	NA	NA	NA	NA	NA	NA	21.40	8.10	13.30	NA	NA
S-6	10/28/1994	<50	<0.3	<0.3	<0.3	<0.6	NA	NA	21.40	8.04	13.36	NA	NA
S-6	1/2/1995	NA	NA	NA	NA	NA	NA	NA	21.40	7.07	14.33	NA	NA
S-6	4/14/1995	<50	<0.5	1.3	<0.5	<0.5	NA	NA	21.40	6.29	15.11	NA	NA
S-6	7/28/1995	NA	NA	NA	NA	NA	NA	NA	21.40	6.91	14.49	NA	NA
S-6	10/17/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.40	7.20	14.20	NA	NA
S-6	1/11/1996	NA	NA	NA	NA	NA	NA	NA	21.40	6.60	14.80	NA	NA
S-6	1/22/2004	Unable to locate		NA	NA	NA	NA	NA	21.40	NA	NA	NA	NA

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S-7	11/16/1988	100	5.1	15	2.0	13	NA	NA	21.47	8.24	13.23	NA	NA
S-7	2/27/1989	50	0.5	3.0	1.0	11	NA	NA	21.47	NA	NA	NA	NA
S-7	5/4/1989	<50	<0.5	<1	<1	<3	NA	NA	21.47	NA	NA	NA	NA
S-7	8/10/1989	<50	<0.5	<1	<1	<3	NA	NA	21.47	8.18	13.29	NA	NA
S-7	10/10/1989	<50	<0.5	<1	<1	<3	NA	NA	21.47	8.35	13.12	NA	NA
S-7	1/25/1990	<50	<0.5	<0.5	<0.5	<1	NA	NA	21.47	7.95	13.52	NA	NA
S-7	4/18/1990	<50	<0.5	<0.5	<0.5	<1	NA	NA	21.47	8.06	13.41	NA	NA
S-7	7/23/1990	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.47	7.89	13.58	NA	NA
S-7	10/18/1990	<50	<0.5	0.5	0.5	4.1	NA	NA	21.47	8.83	12.64	NA	NA
S-7	1/28/1991	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.47	8.77	12.70	NA	NA
S-7	4/25/1991	60	<0.5	<0.5	<0.5	<0.5	NA	NA	21.47	7.25	14.22	NA	NA
S-7	7/9/1991	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.47	8.41	13.06	NA	NA
S-7	10/8/1991	NA	NA	NA	NA	NA	NA	NA	21.47	8.95	12.52	NA	NA
S-7	2/5/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.47	8.04	13.43	NA	NA
S-7	10/8/1991	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.47	8.95	12.52	NA	NA
S-7	4/28/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.47	7.45	14.02	NA	NA
S-7	7/27/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.47	8.48	12.99	NA	NA
S-7	10/26/1992	570	<0.5	<0.5	<0.5	<0.5	NA	NA	21.47	9.95	11.52	NA	NA
S-7	1/14/1993	56	<0.5	<0.5	<0.5	<0.5	NA	NA	21.47	5.84	15.63	NA	NA
S-7	4/16/1993	110	28	<0.5	<0.5	1.8	NA	NA	21.47	6.38	15.09	NA	NA
S-7	7/23/1993	80	0.48	<0.5	<0.5	0.8	NA	NA	21.47	7.72	13.75	NA	NA
S-7	10/27/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.47	7.79	13.68	NA	NA
S-7	1/27/1994	70a	<0.5	<0.5	<0.5	<0.5	NA	NA	21.47	7.85	13.62	NA	NA
S-7	5/5/1994	92	2.1	<0.5	<0.5	<0.5	NA	NA	20.85	9.45	11.40	NA	NA
S-7	7/26/1994	88	<0.3	<0.3	<0.3	<0.6	NA	NA	20.85	7.64	13.21	NA	NA
S-7	10/28/1994	60	<0.3	0.5	<0.3	<0.6	NA	NA	20.85	7.68	13.17	NA	NA
S-7	1/2/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.85	6.95	13.90	NA	NA
S-7	4/14/1995	NA	NA	NA	NA	NA	NA	NA	20.85	5.82	15.03	NA	NA
S-7	7/28/1995	170	1.7	<0.5	<0.5	2.2	NA	NA	20.85	6.32	14.53	NA	NA

TABLE 1
WELL CONCENTRATIONS
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Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-7	10/17/1995	100	<0.5	0.6	<0.5	<0.5	NA	NA	20.85	7.07	13.78	NA	NA
S-7	1/11/1996	80	0.6	<0.5	<0.5	<0.5	54	NA	20.85	6.10	14.75	NA	NA
S-7	4/2/1996	NA	NA	NA	NA	NA	NA	NA	20.85	6.14	14.71	NA	NA
S-7	7/9/1996	NA	NA	NA	NA	NA	NA	NA	20.85	6.40	14.45	NA	NA
S-7	10/10/1996	NA	NA	NA	NA	NA	NA	NA	20.85	6.70	14.15	NA	NA
S-7	1/9/1997	130	1.4	<0.50	<0.50	0.56	70	NA	20.85	5.25	15.60	NA	NA
S-7	4/8/1997	NA	NA	NA	NA	NA	NA	NA	20.85	7.15	13.70	NA	NA
S-7	7/21/1997	NA	NA	NA	NA	NA	NA	NA	20.85	6.67	14.18	NA	NA
S-7	10/8/1997	NA	NA	NA	NA	NA	NA	NA	20.85	7.26	13.59	NA	NA
S-7	1/15/1998	<50	<0.50	<0.50	<0.50	<0.50	39	NA	20.85	5.51	15.34	NA	NA
S-7	4/14/1998	NA	NA	NA	NA	NA	NA	NA	20.85	5.45	15.40	NA	NA
S-7	7/14/1998	NA	NA	NA	NA	NA	NA	NA	21.03	6.48	14.55	NA	NA
S-7	10/20/1998	NA	NA	NA	NA	NA	NA	NA	21.03	7.37	13.66	NA	NA
S-7	1/22/1999	<50.0	<0.500	<0.500	<0.500	<0.500	97.8	NA	21.03	6.21	14.82	NA	NA
S-7	4/8/1999	NA	NA	NA	NA	NA	NA	NA	21.03	5.30	15.73	NA	NA
S-7	7/23/1999	NA	NA	NA	NA	NA	NA	NA	21.03	7.12	13.91	NA	NA
S-7	10/26/1999	NA	NA	NA	NA	NA	NA	NA	21.03	7.54	13.49	NA	NA
S-7	1/3/2000	615	8.73	2.90	4.00	7.17	17.0	NA	21.03	7.73	13.30	NA	NA
S-7	4/14/2000	NA	NA	NA	NA	NA	NA	NA	21.03	6.27	14.76	NA	NA
S-7	7/12/2000	NA	NA	NA	NA	NA	NA	NA	21.03	6.97	14.06	NA	NA
S-7	11/1/2000	NA	NA	NA	NA	NA	NA	NA	21.03	6.43	14.60	NA	NA
S-7	1/3/2001	460	6.68	<0.500	0.712	0.596	10.2	NA	21.03	7.27	13.76	NA	NA
S-7	4/24/2001	NA	NA	NA	NA	NA	NA	NA	21.03	6.75	14.28	NA	NA
S-7	7/2/2001	NA	NA	NA	NA	NA	NA	NA	21.03	7.55	13.48	NA	NA
S-7	11/2/2001	NA	NA	NA	NA	NA	NA	NA	21.03	7.80	13.23	NA	NA
S-7	1/16/2002	360	<0.50	<0.50	<0.50	<0.50	NA	<5.0	21.03	6.11	14.92	NA	NA
S-7	4/1/2002	NA	NA	NA	NA	NA	NA	NA	21.03	6.54	14.49	NA	NA
S-7	7/11/2002	NA	NA	NA	NA	NA	NA	NA	21.03	7.37	13.66	NA	NA
S-7	10/28/2002	NA	NA	NA	NA	NA	NA	NA	21.01	7.97	13.04	NA	NA

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Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
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S-7	1/23/2003	160	<0.50	<0.50	<0.50	<0.50	NA	<5.0	21.01	6.45	14.56	NA	NA
S-7	4/30/2003	NA	NA	NA	NA	NA	NA	NA	21.01	6.14	14.87	NA	NA
S-7	7/1/2003	NA	NA	NA	NA	NA	NA	NA	21.01	7.28	13.73	NA	NA
S-7	10/8/2003	NA	NA	NA	NA	NA	NA	NA	21.01	7.78	13.23	NA	NA
S-7	1/22/2004	140	<0.50	<0.50	0.51	<1.0	NA	NA	21.01	6.93	14.08	NA	NA
S-7	7/13/2004	150	<0.50	<0.50	<0.50	<1.0	NA	17	21.01	7.88	13.13	NA	NA
S-7	1/20/2005	200 a	<0.50	<0.50	<0.50	<1.0	NA	NA	21.01	5.68	15.33	NA	NA
S-7	7/19/2005	140 a	<0.50	<0.50	<0.50	<1.0	NA	NA	21.01	6.18	14.83	NA	NA
S-7	1/27/2006	69.8	<0.500	<0.500	<0.500	<0.500	NA	NA	21.01	6.11	14.90	NA	NA
S-7	7/25/2006	78.6	<1.00	<1.00	<1.00	<3.00	NA	NA	21.01	7.01	14.00	NA	NA
S-7	1/4/2007	<50	<0.50	<0.50	<0.50	<1.0	NA	NA	21.01	6.70	14.31	NA	NA
S-7	7/24/2007	63 g,h	<0.50	<1.0	<1.0	<1.0	NA	NA	21.01	7.54	13.47	NA	NA
S-7	1/15/2008	160 g,h	<0.50	<1.0	<1.0	<1.0	NA	NA	21.01	6.08	14.93	NA	NA
S-7	8/4/2008	72	<0.50	<1.0	<1.0	<1.0	NA	NA	21.01	7.78	13.23	NA	NA
S-7	1/8/2009	210	<0.50	<1.0	<1.0	<1.0	NA	NA	21.01	7.12	13.89	NA	NA

S-8	11/16/1988	210	5.0	<1	1.0	5.0	NA	NA	20.72	7.76	12.96	NA	NA
S-8	2/27/1989	<50	2.4	<1	<1	<3	NA	NA	20.72	NA	NA	NA	NA
S-8	5/4/1989	<50	7.5	<1	2.0	<3	NA	NA	20.72	NA	NA	NA	NA
S-8	8/10/1989	<50	0.6	<1	<1	<3	NA	NA	20.72	7.79	12.93	NA	NA
S-8	10/10/1989	<50	<0.5	<1	<1	<3	NA	NA	20.72	7.84	12.88	NA	NA
S-8	1/25/1990	<50	<0.5	<0.5	<0.5	<1	NA	NA	20.72	7.47	13.25	NA	NA
S-8	4/18/1990	<50	<0.5	<0.5	<0.5	<1	NA	NA	20.72	7.59	13.13	NA	NA
S-8	7/23/1990	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.72	7.49	13.23	NA	NA
S-8	10/18/1990	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.72	8.44	12.28	NA	NA
S-8	1/28/1991	<50	55	0.5	<0.5	1.4	NA	NA	20.72	8.28	12.44	NA	NA
S-8	4/25/1991	130a	19	<0.5	1.3	1.1	NA	NA	20.72	6.72	14.00	NA	NA
S-8	7/9/1991	200	33	<0.5	1.8	2.8	NA	NA	20.72	7.98	12.74	NA	NA
S-8	10/8/1991	580	95	2.2	4.9	6.5	NA	NA	20.72	8.55	12.17	NA	NA

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Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-8	2/5/1992	90a	18	<0.5	6.2	1.8	NA	NA	20.72	7.50	13.22	NA	NA
S-8	4/28/1992	<50	5.9	<0.5	2.5	<0.5	NA	NA	20.72	7.14	13.58	NA	NA
S-8	7/27/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.72	8.06	12.66	NA	NA
S-8	10/26/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.72	8.58	12.14	NA	NA
S-8	1/14/1993	270	74	0.9	25	5.5	NA	NA	20.72	5.32	15.40	NA	NA
S-8	4/16/1993	1100	420	<0.5	200	20	NA	NA	20.72	5.76	14.96	NA	NA
S-8	7/23/1993	160	23	<0.5	1.2	1.5	NA	NA	20.72	7.29	13.43	NA	NA
S-8	10/27/1993	420	650	0.7	11	1.7	NA	NA	20.72	7.93	12.79	NA	NA
S-8	1/27/1994	290	65	<1	6.9	2.4	NA	NA	20.72	6.31	14.41	NA	NA
S-8	5/5/1994	120	13	<0.5	<0.5	<0.5	NA	NA	20.32	6.84	13.48	NA	NA
S-8	7/26/1994	115	12.2	1.3	<0.3	2.7	NA	NA	20.32	7.42	12.90	NA	NA
S-8	10/28/1994	733	75.9	3.2	4.9	4.2	NA	NA	20.32	7.56	12.76	NA	NA
S-8	1/2/1995	290	54	<0.5	10	<0.5	NA	NA	20.32	6.19	14.13	NA	NA
S-8	4/14/1995	230	68	<0.5	10	2.4	NA	NA	20.32	5.54	14.78	NA	NA
S-8	7/28/1995	290	44	<0.5	8.0	<0.5	NA	NA	20.32	6.28	14.04	NA	NA
S-8	10/17/1995	190	24	<0.5	1.0	0.9	NA	NA	20.32	6.64	13.68	NA	NA
S-8	1/11/1996	400	85	1.1	13	3.4	2.3	NA	20.32	5.96	14.36	NA	NA
S-8	4/2/1996	300	110	0.7	4.9	0.9	<2	NA	20.32	5.21	15.11	NA	NA
S-8	7/9/1996	<50	5.4	<0.50	0.63	<0.50	<2.5	NA	20.32	6.05	14.27	NA	NA
S-8	10/10/1996	150	0.53	0.66	2.3	1.0	8.9	NA	20.32	6.83	13.49	NA	NA
S-8	1/9/1997	240	27	<0.50	2.4	<0.50	5.8	NA	20.32	4.51	15.81	NA	NA
S-8	4/8/1997	220	27	0.62	1.9	0.71	5.7	NA	20.32	6.50	13.82	NA	NA
S-8	7/21/1997	1200	140	2.8	21	5.0	27	NA	20.32	6.36	13.96	NA	NA
S-8 (D)	7/21/1997	1200	120	<2.0	19	3.9	25	NA	20.32	NA	NA	NA	NA
S-8	10/8/1997	690	92	1.4	25	2.0	<2.5	NA	20.32	6.83	13.49	NA	NA
S-8 (D)	10/8/1997	700	95	1.3	26	1.9	<2.5	NA	20.32	NA	NA	NA	NA
S-8	1/15/1998	460	110	1.0	3.4	1.7	<5.0	NA	20.32	4.30	16.02	NA	NA
S-8	4/14/1998	780	190	2.9	15	3.4	<2.5	NA	20.32	4.68	15.64	NA	NA
S-8	7/14/1998	1600	240	<5.0	36	<5.0	<25	NA	20.36	6.36	14.00	NA	NA

TABLE 1
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Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-8	10/20/1998	700	55	<5.0	<5.0	<5.0	49	NA	20.36	6.91	13.45	NA	NA
S-8	1/22/1999	<50.0	5.83	<0.500	0.919	<0.500	<2.00	NA	20.36	5.97	14.39	NA	NA
S-8	4/8/1999	684	10.6	1.3	9.75	1.0	10.5	NA	20.36	5.01	15.35	NA	NA
S-8	7/23/1999	1540	86.5	5.20	5.30	6.35	<25.0	NA	20.36	6.61	13.75	NA	NA
S-8	10/26/1999	1680	116	<2.50	22.4	5.58	<12.5	NA	20.36	6.95	13.41	NA	NA
S-8	1/3/2000	Well inaccessible		NA	NA	NA	NA	NA	20.36	NA	NA	NA	NA
S-8	4/14/2000	Well inaccessible		NA	NA	NA	NA	NA	20.36	NA	NA	NA	NA
S-8	7/12/2000	Well inaccessible		NA	NA	NA	NA	NA	20.36	NA	NA	NA	NA
S-8	11/1/2000	2300	118	12.4	51.7	<2.50	<12.5	NA	20.36	5.68	14.68	NA	NA
S-8	1/3/2001	263	4.34	0.620	<0.500	0.643	5.40	NA	20.36	6.95	13.41	NA	NA
S-8	4/24/2001	680	12	<0.50	0.86	<0.50	NA	<0.50	20.36	6.25	14.11	NA	NA
S-8	7/2/2001	330	2.5	<0.50	0.86	<0.50	NA	<5.0	20.36	7.00	13.36	NA	NA
S-8	11/2/2001	1300	71	0.84	14	1.7	NA	<5.0	20.36	7.44	12.92	NA	NA
S-8	1/16/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	20.36	5.67	14.69	NA	NA
S-8	4/1/2002	330	2.2	<0.50	<0.50	<0.50	NA	<5.0	20.36	5.99	14.37	NA	NA
S-8	7/11/2002	1400	55	0.83	5.3	0.71	NA	<5.0	20.36	6.94	13.42	NA	NA
S-8	10/28/2002	660	6.2	0.63	0.76	<0.50	NA	<0.50	20.36	7.50	12.86	NA	1.1
S-8	1/23/2003	1600	30	0.56	6.7	<0.50	NA	<5.0	20.36	5.99	14.37	NA	NA
S-8	4/30/2003	890	13	<0.50	0.59	<1.0	NA	<5.0	20.36	5.30	15.06	NA	NA
S-8	7/1/2003	1800	68	1.3	2.6	1.2	NA	<0.50	20.36	6.87	13.49	NA	1.0
S-8	10/8/2003	220	1.3	<0.50	<0.50	<1.0	NA	<0.50	20.36	7.27	13.09	NA	NA
S-8	1/22/2004	1000	6.7	<0.50	0.61	<1.0	NA	NA	20.36	6.50	13.86	NA	NA
S-8	7/13/2004	2000	100	1.7	5.7	<2.0	NA	<1.0	20.36	7.41	12.95	NA	NA
S-8	1/20/2005	380	4.3	<0.50	<0.50	<1.0	NA	NA	20.36	5.02	15.34	NA	NA
S-8	7/19/2005	120	1.2	<0.50	<0.50	<1.0	NA	NA	20.36	5.82	14.54	NA	NA
S-8	1/27/2006	494	2.42	<0.500	<0.500	<0.500	NA	NA	20.36	5.51	14.85	NA	NA
S-8	7/25/2006	382	2.05	<1.00	<1.00	<3.00	NA	NA	20.36	6.66	13.70	NA	NA
S-8	1/4/2007	<50	<0.50	<0.50	<0.50	<1.0	NA	NA	20.36	6.13	14.23	NA	NA
S-8	7/24/2007	210 g,h	1.2	<1.0	<1.0	<1.0	NA	NA	20.36	6.92	13.44	NA	NA

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Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
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S-8	1/15/2008	560 g,h	5.3	<1.0	0.31 i	<1.0	NA	NA	20.36	5.32	15.04	NA	NA
S-8	8/4/2008	200	<0.50	<1.0	<1.0	<1.0	NA	NA	20.36	6.98	13.38	NA	NA
S-8	1/8/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	NA	20.36	6.62	13.74	NA	NA

S-9	11/16/1988	1400	69	3.0	52	180	NA	NA	20.96	7.78	13.18	NA	NA
S-9	2/27/1989	1600	240	4.0	130	180	NA	NA	20.96	NA	NA	NA	NA
S-9	5/4/1989	2600	470	10	240	480	NA	NA	20.96	NA	NA	NA	NA
S-9	8/10/1989	520	73	<10	40	<30	NA	NA	20.96	7.82	13.14	NA	NA
S-9	10/10/1989	380	82	<1	46	13	NA	NA	20.96	7.87	13.09	NA	NA
S-9	1/25/1990	750	140	1.2	69	75	NA	NA	20.96	7.41	13.55	NA	NA
S-9	4/18/1990	680	150	1.7	50	37	NA	NA	20.96	7.65	13.31	NA	NA
S-9	7/23/1990	490	94	1.2	32	24	NA	NA	20.96	7.58	13.38	NA	NA
S-9	10/18/1990	390	140	0.7	3.3	24	NA	NA	20.96	8.46	12.50	NA	NA
S-9	1/28/1991	1040	450	4.6	85	97	NA	NA	20.96	8.29	12.67	NA	NA
S-9	4/25/1991	5800	880	9.0	360	500	NA	NA	20.96	6.09	14.87	NA	NA
S-9	7/9/1991	1400	220	2.8	82	100	NA	NA	20.96	7.82	13.14	NA	NA
S-9	10/8/1991	890	960	<2.5	16	29	NA	NA	20.96	8.55	12.41	NA	NA
S-9	2/5/1992	950	240	<2.5	28	55	NA	NA	20.96	6.96	14.00	NA	NA
S-9	4/28/1992	1400a	290	3.0	100	81	NA	NA	20.96	6.76	14.20	NA	NA
S-9	7/27/1992	890	190	<2.5	66	68	NA	NA	20.96	8.10	12.86	NA	NA
S-9	10/26/1992	650	160	<2.5	63	89	NA	NA	20.96	8.53	12.43	NA	NA
S-9	1/13/1993	19000	2400	38	1700	2200	NA	NA	20.96	6.80	14.16	NA	NA
S-9	4/16/1993	10000	1500	<5	1100	990	NA	NA	20.96	6.28	14.68	NA	NA
S-9	7/23/1993	1100	400	<5	260	160	NA	NA	20.96	7.26	13.70	NA	NA
S-9	10/27/1993	2500	400	<5	190	110	NA	NA	20.96	8.00	12.96	NA	NA
S-9	1/27/1994	4800	990	16	630	490	NA	NA	20.96	5.96	15.00	NA	NA
S-9	5/5/1994	3700	480	<5	21	120	NA	NA	20.68	6.99	13.69	NA	NA
S-9	7/26/1994	1000	124.6	<0.3	35.8	28.6	NA	NA	20.68	7.56	13.12	NA	NA
S-9	10/28/1994	979	80.3	7.0	21.7	29.2	NA	NA	20.68	7.78	12.90	NA	NA

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Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-9	1/2/1995	3900	540	2.4	350	150	NA	NA	20.68	6.29	14.39	NA	NA
S-9	4/14/1995	5100	1000	<10	380	230	NA	NA	20.68	5.69	14.99	NA	NA
S-9	7/28/1995	4600	680	<10	120	47	NA	NA	20.68	6.61	14.07	NA	NA
S-9	10/17/1995	1600	150	<0.5	42	15	NA	NA	20.68	7.00	13.68	NA	NA
S-9	1/11/1996	6800	1100	12	720	95	24	NA	20.68	6.20	14.48	NA	NA
S-9	4/2/1996	6000	1300	8.3	430	99	49	NA	20.68	5.19	15.49	NA	NA
S-9 (D)	4/2/1996	6500	1200	8.3	410	90	<20	NA	20.68	NA	NA	NA	NA
S-9	7/9/1996	3400	680	6.7	54	31	<25	NA	20.68	6.43	14.25	NA	NA
S-9 (D)	7/9/1996	3300	730	<5.0	58	28	<25	NA	20.68	NA	NA	NA	NA
S-9	10/10/1996	6600	1200	<10	160	<10	70	NA	20.68	7.08	13.60	NA	NA
S-9 (D)	10/10/1996	6100	1000	<10	200	15	65	NA	20.68	NA	NA	NA	NA
S-9	1/9/1997	12000	1400	<25	1000	39	<125	NA	20.68	5.03	15.65	NA	NA
S-9	4/8/1997	6600	920	10	230	26	150	NA	20.68	6.78	13.90	NA	NA
S-9	7/21/1997	7800	860	13	260	14	87	NA	20.68	6.77	13.91	NA	NA
S-9	10/8/1997	4600	320	<10	61	<10	28	NA	20.68	6.92	13.76	NA	NA
S-9	1/15/1998	9300	1000	<10	730	24	<50	NA	20.68	4.50	16.18	NA	NA
S-9	4/14/1998	12000	1200	<2.5	960	<2.5	<12	NA	20.68	4.35	16.33	NA	NA
S-9 (D)	4/14/1998	12000	1200	<2.5	930	<2.5	<12	NA	20.68	NA	NA	NA	NA
S-9	7/14/1998	12000	1700	<25	990	39	<125	NA	20.68	5.95	14.73	NA	NA
S-9 (D)	7/14/1998	11000	1800	<25	650	<25	<125	NA	20.68	NA	NA	NA	NA
S-9	10/20/1998	14000	1600	<25	560	<25	340	NA	20.68	7.03	13.65	NA	NA
S-9 (D)	10/20/1998	11000	1100	<10	230	<10	100	NA	20.68	NA	NA	NA	NA
S-9	1/22/1999	9900	1030	26.7	819	27.5	46.8	NA	20.68	6.01	14.67	NA	NA
S-9	4/8/1999	17900	1450	<50.0	1610	73.8	<500	NA	20.68	5.25	15.43	NA	NA
S-9	7/23/1999	12200	1020	<20.0	536	<20.0	<200	NA	20.68	6.71	13.97	NA	NA
S-9	10/26/1999	9580	1170	11.9	566	23.1	<50.0	NA	20.68	7.27	13.41	NA	NA
S-9	10/26/1999	9580	1170	11.9	566	23.1	<50.0	NA	20.68	7.27	13.41	NA	NA
S-9	1/3/2000	9660	689	<50.0	640	<50.0	<250	NA	20.68	7.47	13.21	NA	NA
S-9	4/14/2000	14000	1040	<50.0	1210	<50.0	<250	NA	20.68	5.75	14.93	NA	NA

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S-9	7/12/2000	13200	1360	33.9	552	26.8	<100	NA	20.68	6.63	14.05	NA	NA
S-9	11/1/2000	9120	928	13.5	468	<10.0	<50.0	NA	20.68	5.50	15.18	NA	NA
S-9	1/3/2001	355	19.8	0.732	2.23	0.630	5.09	NA	20.68	7.11	13.57	NA	NA
S-9	4/24/2001	3500	300	1.7	150	1.7	NA	<1.0	20.68	6.30	14.38	NA	NA
S-9	7/2/2001	88	3.8	<0.50	<0.50	<0.50	NA	<5.0	20.68	8.18	12.50	NA	2.6
S-9	11/2/2001	210	9.5	<0.50	<0.50	<0.50	NA	<5.0	20.68	8.40	12.28	NA	16.4
S-9	1/16/2002	15000	520	4.9	580	7.1	NA	<20	20.68	5.71	14.97	NA	0.5
S-9	4/1/2002	15000	530	5.1	920	7.8	NA	<25	20.68	5.99	14.69	NA	3.0
S-9	7/11/2002	10000	520	5.3	97	5.8	NA	<25	20.68	6.99	13.69	NA	0.5
S-9	10/28/2002	11000	580	6.2	65	5.3	NA	<2.5	20.70	7.63	13.07	NA	1.0
S-9	1/23/2003	9300	400	5.6	320	6.5	NA	<5.0	20.70	5.96	14.74	NA	0.5
S-9	4/30/2003	180	4.2	<0.50	3.7	<1.0	NA	<5.0	20.70	5.20	15.50	NA	7.0
S-9	7/1/2003	2200	71	0.94	6.4	<1.0	NA	<0.50	20.70	7.78	12.92	NA	0.9
S-9	10/8/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	20.70	7.38	13.32	NA	16.2
S-9	1/22/2004	1400	26	<1.0	14	12	NA	NA	20.70	6.51	14.19	NA	0.7
S-9	7/13/2004	1900	36	<1.0	2.0	<2.0	NA	<1.0	20.70	8.51	12.19	NA	17.1
S-9	1/20/2005	3600	60	1.2	50	<2.0	NA	NA	20.70	5.80	14.90	NA	0.4
S-9	7/19/2005	2800	42	1.4	18	<2.0	NA	NA	20.70	7.50	13.20	NA	NA
S-9	1/27/2006	16800	152	4.74	165	6.77	NA	NA	20.70	6.40	14.30	NA	NA
S-9	7/25/2006	22500	79.3	2.32	27.2	<3.00	NA	NA	20.70	6.92	13.78	NA	NA
S-9	1/4/2007	5800	82	3.2	110	<5.0	NA	NA	20.70	6.40	14.30	NA	NA
S-9	7/24/2007	8900 g,h	91	3.4 i	22	<10	NA	NA	20.70	7.19	13.51	NA	NA
S-9	1/15/2008	11,000 g,h	68	3.5 i	68	4.5 i	NA	NA	20.70	5.20	15.50	NA	NA
S-9	8/4/2008	8,200	50	2.6	12	3.6	NA	NA	20.70	7.38	13.32	NA	NA
S-9	1/8/2009	9,200	40	2.4	29	1.9	NA	NA	20.70	6.73	13.97	NA	NA

S-10	11/16/1988	330	0.5	<1	1.0	11	NA	NA	20.86	7.91	12.95	NA	NA
S-10	2/27/1989	140	<0.5	<3	2.0	6.0	NA	NA	20.86	NA	NA	NA	NA
S-10	5/3/1989	220	<0.5	1.0	2.0	7.0	NA	NA	20.86	NA	NA	NA	NA

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S-10	8/10/1989	<50	<0.5	<1	<1	<3	NA	NA	20.86	7.94	12.92	NA	NA
S-10	10/9/1989	170	<0.5	<1	<1	<3	NA	NA	20.86	7.99	12.87	NA	NA
S-10	1/25/1990	<50	<0.5	<0.5	1.1	4.0	NA	NA	20.86	7.56	13.30	NA	NA
S-10	4/18/1990	<50	<0.5	0.9	<0.5	2.0	NA	NA	20.86	7.71	13.15	NA	NA
S-10	7/23/1990	590	<0.5	<0.5	1.9	19	NA	NA	20.86	7.64	13.22	NA	NA
S-10	10/18/1990	140	<0.5	0.7	<0.5	7.0	NA	NA	20.86	8.58	12.28	NA	NA
S-10	1/28/1991	<50	<0.5	<0.5	<0.5	0.5	NA	NA	20.86	8.35	12.51	NA	NA
S-10	4/25/1991	<50	<0.5	<0.5	1.1	0.8	NA	NA	20.69	6.91	13.78	NA	NA
S-10	7/9/1991	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.69	8.14	12.55	NA	NA
S-10	10/8/1991	140	<0.5	<0.5	<0.5	<0.5	NA	NA	20.69	8.70	11.99	NA	NA
S-10	2/5/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.69	7.57	13.12	NA	NA
S-10	4/28/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.69	7.20	13.49	NA	NA
S-10	7/27/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.69	8.17	12.52	NA	NA
S-10	10/26/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.69	8.68	12.01	NA	NA
S-10	1/13/1993	88	<0.5	0.6	0.6	<0.5	NA	NA	20.69	3.78	16.91	NA	NA
S-10	4/16/1993	80	<0.5	<0.5	<0.5	<0.5	NA	NA	20.69	6.46	14.23	NA	NA
S-10	7/23/1993	<50	1.5	<0.5	0.7	2.7	NA	NA	20.69	7.38	13.31	NA	NA
S-10	10/27/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.69	8.09	12.60	NA	NA
S-10	1/27/1994	270	1.1	1.3	2.0	7.4	NA	NA	20.69	5.81	14.88	NA	NA
S-10	5/5/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.15	6.82	13.33	NA	NA
S-10	7/26/1994	<50	<0.3	<0.3	<0.3	<0.6	NA	NA	20.15	7.40	12.75	NA	NA
S-10	10/28/1994	<50	2.4	<0.3	0.5	0.8	NA	NA	20.15	7.62	12.53	NA	NA
S-10	1/2/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.15	6.13	14.02	NA	NA
S-10	4/14/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.15	5.60	14.55	NA	NA
S-10	7/28/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.15	6.44	13.71	NA	NA
S-10	10/17/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.15	6.85	13.30	NA	NA
S-10	1/11/1996	<50	<0.5	<0.5	<0.5	<0.5	<2	NA	20.15	6.08	14.07	NA	NA
S-10	4/2/1996	NA	NA	NA	NA	NA	NA	NA	20.15	5.21	14.94	NA	NA
S-10	7/9/1996	NA	NA	NA	NA	NA	NA	NA	20.15	6.20	13.95	NA	NA

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S-10	10/10/1996	NA	NA	NA	NA	NA	NA	NA	20.15	6.92	13.23	NA	NA
S-10	1/9/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	20.15	4.64	15.51	NA	NA
S-10	4/8/1997	NA	NA	NA	NA	NA	NA	NA	20.15	5.82	14.33	NA	NA
S-10	7/21/1997	NA	NA	NA	NA	NA	NA	NA	20.15	6.48	13.67	NA	NA
S-10	10/8/1997	NA	NA	NA	NA	NA	NA	NA	20.15	5.48	14.67	NA	NA
S-10	1/15/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	20.15	3.01	17.14	NA	NA
S-10	4/14/1998	NA	NA	NA	NA	NA	NA	NA	20.15	4.30	15.85	NA	NA
S-10	7/14/1998	NA	NA	NA	NA	NA	NA	NA	20.15	5.84	14.31	NA	NA
S-10	10/20/1998	NA	NA	NA	NA	NA	NA	NA	20.15	6.89	13.26	NA	NA
S-10	1/22/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<2.00	NA	20.15	6.00	14.15	NA	NA
S-10	4/8/1999	NA	NA	NA	NA	NA	NA	NA	20.15	4.41	15.74	NA	NA
S-10	7/23/1999	NA	NA	NA	NA	NA	NA	NA	20.15	6.48	13.67	NA	NA
S-10	10/26/1999	NA	NA	NA	NA	NA	NA	NA	20.15	7.07	13.08	NA	NA
S-10	1/3/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	20.15	7.27	12.88	NA	NA
S-10	4/14/2000	NA	NA	NA	NA	NA	NA	NA	20.15	5.75	14.40	NA	NA
S-10	7/12/2000	NA	NA	NA	NA	NA	NA	NA	20.15	6.17	13.98	NA	NA
S-10	11/1/2000	NA	NA	NA	NA	NA	NA	NA	20.15	5.63	14.52	NA	NA
S-10	1/3/2001	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	20.15	6.89	13.26	NA	NA
S-10	4/24/2001	NA	NA	NA	NA	NA	NA	NA	20.15	6.20	13.95	NA	NA
S-10	7/2/2001	NA	NA	NA	NA	NA	NA	NA	20.15	6.80	13.35	NA	NA
S-10	11/2/2001	NA	NA	NA	NA	NA	NA	NA	20.15	7.40	12.75	NA	NA
S-10	1/16/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	20.15	5.66	14.49	NA	NA
S-10	4/1/2002	NA	NA	NA	NA	NA	NA	NA	20.15	5.63	14.52	NA	NA
S-10	7/11/2002	NA	NA	NA	NA	NA	NA	NA	20.15	6.72	13.43	NA	NA
S-10	10/28/2002	NA	NA	NA	NA	NA	NA	NA	20.14	7.50	12.64	NA	NA
S-10	1/23/2003	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	20.14	5.97	14.17	NA	NA
S-10	4/30/2003	NA	NA	NA	NA	NA	NA	NA	20.14	5.24	14.90	NA	NA
S-10	7/1/2003	NA	NA	NA	NA	NA	NA	NA	20.14	6.82	13.32	NA	NA
S-10	10/8/2003	NA	NA	NA	NA	NA	NA	NA	20.14	7.06	13.08	NA	NA

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S-10	1/22/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	NA	20.14	6.50	13.64	NA	NA
S-10	7/13/2004	NA	NA	NA	NA	NA	NA	NA	20.14	7.49	12.65	NA	NA
S-10	1/20/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	NA	20.14	5.09	15.05	NA	NA
S-10	7/19/2005	NA	NA	NA	NA	NA	NA	NA	20.14	6.00	14.14	NA	NA
S-10	1/27/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	NA	20.14	5.61	14.53	NA	NA
S-10	7/25/2006	NA	NA	NA	NA	NA	NA	NA	20.14	6.61	13.53	NA	NA
S-10	1/4/2007	<50	<0.50	<0.50	<0.50	<1.0	NA	NA	20.14	6.29	13.85	NA	NA
S-10	7/24/2007	NA	NA	NA	NA	NA	NA	NA	20.14	6.82	13.32	NA	NA
S-10	1/15/2008	<50 g	<0.50	<1.0	<1.0	<1.0	NA	NA	20.14	5.33	14.81	NA	NA
S-10	8/4/2008	NA	NA	NA	NA	NA	NA	NA	20.14	6.65	13.49	NA	NA
S-10	1/8/2009	120	<0.50	<1.0	<1.0	<1.0	NA	NA	20.14	6.61	13.53	NA	NA

S-11	11/16/1988	<50	<0.5	<1	<1	<3	NA	NA	21.26	8.62	12.64	NA	NA
S-11	2/27/1989	<50	<0.5	<1	<1	<3	NA	NA	21.26	NA	NA	NA	NA
S-11	5/3/1989	<50	<0.5	<1	<1	<3	NA	NA	21.26	NA	NA	NA	NA
S-11	8/10/1989	<50	<0.5	<1	<1	<3	NA	NA	21.26	8.65	12.61	NA	NA
S-11	10/9/1989	<50	<0.5	<1	<1	<3	NA	NA	21.26	8.64	12.62	NA	NA
S-11	1/25/1990	<50	<0.5	<0.5	<0.5	<1	NA	NA	21.26	8.43	12.83	NA	NA
S-11	4/18/1990	<50	<0.5	<0.5	<0.5	<1	NA	NA	21.26	8.42	12.84	NA	NA
S-11	7/23/1990	<50	<0.5	0.6	<0.5	1.1	NA	NA	21.26	8.23	13.03	NA	NA
S-11	10/18/1990	<50	<0.5	<0.5	<0.5	0.5	NA	NA	21.26	9.20	12.06	NA	NA
S-11	1/28/1991	63	<0.5	3.3	0.9	7.0	NA	NA	21.26	9.13	12.13	NA	NA
S-11	4/25/1991	<50	<0.5	<0.5	0.8	<0.5	NA	NA	21.26	7.53	13.73	NA	NA
S-11	7/9/1991	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.26	8.85	12.41	NA	NA
S-11	10/8/1991	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.26	9.34	11.92	NA	NA
S-11	2/5/1991	NA	NA	NA	NA	NA	NA	NA	21.26	8.50	12.76	NA	NA
S-11	4/28/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.26	7.80	13.46	NA	NA
S-11	7/27/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.26	8.80	12.46	NA	NA
S-11	10/26/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.26	9.42	11.84	NA	NA

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S-11	1/13/1993	NA	NA	NA	NA	NA	NA	NA	21.26	6.52	14.74	NA	NA
S-11	4/16/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.26	6.86	14.40	NA	NA
S-11	7/23/1993	NA	NA	NA	NA	NA	NA	NA	21.26	8.07	13.19	NA	NA
S-11	10/27/1993	Well inaccessible		NA	NA	NA	NA	NA	21.26	NA	NA	NA	NA
S-11	1/27/1994	NA	NA	NA	NA	NA	NA	NA	21.26	NA	NA	NA	NA
S-11	5/5/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.24	7.73	13.51	NA	NA
S-11	7/26/1994	NA	NA	NA	NA	NA	NA	NA	21.24	8.30	12.94	NA	NA
S-11	10/28/1994	<50	<0.3	<0.3	<0.3	<0.6	NA	NA	21.24	8.30	12.94	NA	NA
S-11	1/2/1995	NA	NA	NA	NA	NA	NA	NA	21.24	7.25	13.99	NA	NA
S-11	4/14/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.24	6.99	14.25	NA	NA
S-11	7/28/1995	NA	NA	NA	NA	NA	NA	NA	21.24	7.21	14.03	NA	NA
S-11	10/17/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.24	7.41	13.83	NA	NA
S-11	1/11/1996	NA	NA	NA	NA	NA	NA	NA	21.24	6.80	14.44	NA	NA
S-11	7/21/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	21.24	7.28	13.96	NA	NA
S-11	03/18/2002 d	NA	NA	NA	NA	NA	NA	NA	21.27	NA	NA	NA	NA
S-11	1/22/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	0.57	21.27	7.55	13.72	NA	NA

S-12	11/16/1988	50	3.5	<1	<1	<3	NA	NA	21.05	NA	NA	NA	NA
S-12	2/27/1989	<50	0.8	<1	<1	<3	NA	NA	21.05	NA	NA	NA	NA
S-12	5/3/1989	<50	<0.5	<1	<1	<3	NA	NA	21.05	NA	NA	NA	NA
S-12	8/10/1989	<50	<0.5	<1	<1	<3	NA	NA	21.05	8.32	12.73	NA	NA
S-12	10/9/1989	<50	<0.5	<1	<1	<1	NA	NA	21.05	8.32	12.73	NA	NA
S-12	1/25/1990	<50	<0.5	<0.5	<0.5	<1	NA	NA	21.05	8.18	12.87	NA	NA
S-12	4/18/1990	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.05	8.05	13.00	NA	NA
S-12	7/23/1990	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.05	7.92	13.13	NA	NA
S-12	10/18/1990	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.05	8.90	12.15	NA	NA
S-12	1/28/1991	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.05	8.54	12.51	NA	NA
S-12	4/25/1991	90	5.4	<0.5	1.1	0.7	NA	NA	21.05	7.08	13.97	NA	NA
S-12	7/9/1991	<50	2.9	<0.5	<0.5	<0.5	NA	NA	21.05	8.42	12.63	NA	NA

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Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
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S-12	10/8/1991	50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.05	8.80	12.25	NA	NA
S-12	2/5/1992	50a	<0.5	<0.5	<0.5	<0.5	NA	NA	21.05	8.07	12.98	NA	NA
S-12	4/28/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.05	8.33	12.72	NA	NA
S-12	7/27/1992	94	<0.5	<0.5	<0.5	<0.5	NA	NA	21.05	8.55	12.50	NA	NA
S-12	10/26/1992	86	<0.5	<0.5	<0.5	<0.5	NA	NA	21.05	9.03	12.02	NA	NA
S-12	1/14/1993	120	2.0	<0.5	<0.5	<0.5	NA	NA	21.05	6.38	14.67	NA	NA
S-12	4/16/1993	60	<0.5	<0.5	<0.5	<0.5	NA	NA	21.05	6.56	14.49	NA	NA
S-12	7/23/1993	90	<0.5	<0.5	<0.5	<0.5	NA	NA	21.05	7.76	13.29	NA	NA
S-12	10/27/1993	Well inaccessible		NA	NA	NA	NA	NA	21.05	NA	NA	NA	NA
S-12	1/27/1994	Well inaccessible		NA	NA	NA	NA	NA	21.05	NA	NA	NA	NA
S-12	5/5/1994	<50	2.0	<0.5	<0.5	<0.5	NA	NA	20.71	7.49	13.22	NA	NA
S-12	7/26/1994	128	<0.3	<0.3	<0.3	<0.6	NA	NA	20.71	7.92	12.79	NA	NA
S-12	10/28/1994	167	<0.3	<0.3	<0.3	<0.6	NA	NA	20.71	7.78	12.93	NA	NA
S-12	1/2/1995	50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.71	7.33	13.38	NA	NA
S-12	4/14/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.71	6.47	14.24	NA	NA
S-12	7/28/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.71	6.90	13.81	NA	NA
S-12	10/17/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.71	7.16	13.55	NA	NA
S-12	1/11/1996	<50	<0.5	<0.5	<0.5	<0.5	82	NA	20.71	6.65	14.06	NA	NA
S-12	7/21/1997	<50	<0.50	<0.50	<0.50	<0.50	45	NA	20.71	6.95	13.76	NA	NA
S-12	03/18/2002 d	NA	NA	NA	NA	NA	NA	NA	20.73	NA	NA	NA	NA
S-12	1/22/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	0.58	20.73	7.30	13.43	NA	NA

S-13	5/3/1989	150	4.9	4.0	2.0	14	NA	NA	20.57	NA	NA	NA	NA
S-13	8/10/1989	110	2.9	<1	<1	<3	NA	NA	20.57	8.00	12.57	NA	NA
S-13	10/9/1989	77	1.4	<1	<1	<3	NA	NA	20.57	7.95	12.62	NA	NA
S-13	1/25/1990	51	0.5	<0.5	<0.5	<1	NA	NA	20.57	7.79	12.78	NA	NA
S-13	4/18/1990	85	8.7	<0.5	<0.5	<1	NA	NA	20.57	7.73	12.84	NA	NA
S-13	7/23/1990	80	0.8	<0.5	<0.5	<0.5	NA	NA	20.57	7.63	12.94	NA	NA
S-13	10/18/1990	130	<0.5	<0.5	<0.5	<5	NA	NA	20.57	8.58	11.99	NA	NA

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Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-13	1/28/1991	<50	<0.5	0.9	1.2	1.0	NA	NA	20.57	8.39	12.18	NA	NA
S-13	4/25/1991	440a	3.8	<0.5	<0.5	0.6	NA	NA	20.57	7.00	13.57	NA	NA
S-13	7/9/1991	320a	0.6	<0.5	<0.5	<0.5	NA	NA	20.57	8.12	12.45	NA	NA
S-13	10/8/1991	310	<0.5	<0.5	<0.5	<0.5	NA	NA	20.57	8.69	11.88	NA	NA
S-13	2/5/1992	NA	NA	NA	NA	NA	NA	NA	20.57	7.62	12.95	NA	NA
S-13	4/28/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.57	7.15	13.42	NA	NA
S-13	7/27/1992	NA	NA	NA	NA	NA	NA	NA	20.57	8.20	12.37	NA	NA
S-13	10/26/1992	180	<0.5	<0.5	<0.5	<0.5	NA	NA	20.57	8.73	11.84	NA	NA
S-13	1/13/1993	NA	NA	NA	NA	NA	NA	NA	20.57	5.06	15.51	NA	NA
S-13	4/16/1993	240	4.8	<0.5	1.3	<0.5	NA	NA	20.57	6.38	14.19	NA	NA
S-13	7/23/1993	NA	NA	NA	NA	NA	NA	NA	20.57	7.45	13.12	NA	NA
S-13	10/27/1993	Well inaccessible		NA	NA	NA	NA	NA	20.57	NA	NA	NA	NA
S-13	1/27/1994	NA	NA	NA	NA	NA	NA	NA	20.57	NA	NA	NA	NA
S-13	5/5/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.16	6.91	13.25	NA	NA
S-13	7/26/1994	NA	NA	NA	NA	NA	NA	NA	20.16	7.52	12.64	NA	NA
S-13	10/28/1994	368	<0.3	<0.3	<0.3	<0.6	NA	NA	20.16	7.68	12.48	NA	NA
S-13	1/2/1995	NA	NA	NA	NA	NA	NA	NA	20.16	6.37	13.79	NA	NA
S-13	4/14/1995	NA	NA	NA	NA	NA	NA	NA	20.16	5.81	14.35	NA	NA
S-13	7/28/1995	NA	NA	NA	NA	NA	NA	NA	20.16	6.73	13.43	NA	NA
S-13	10/17/1995	<50	1.0	<0.5	<0.5	<0.5	NA	NA	20.16	6.94	13.22	NA	NA
S-13	1/11/1996	NA	NA	NA	NA	NA	NA	NA	20.16	6.20	13.96	NA	NA
S-13	4/2/1996	<50	<0.5	<0.5	<0.5	<0.5	<2	NA	20.16	5.28	14.88	NA	NA
S-13	7/9/1996	NA	NA	NA	NA	NA	NA	NA	20.16	6.35	13.81	NA	NA
S-13	10/10/1996	<50	<0.50	<0.50	<0.50	<0.50	210	160	20.16	7.04	13.12	NA	NA
S-13	1/9/1997	NA	NA	NA	NA	NA	NA	NA	20.16	5.19	14.97	NA	NA
S-13	4/8/1997	<50	<0.50	<0.50	<0.50	<0.50	81	NA	20.16	6.62	13.54	NA	NA
S-13	7/21/1997	NA	NA	NA	NA	NA	NA	NA	20.16	6.76	13.40	NA	NA
S-13	10/8/1997	<50	<0.50	<0.50	<0.50	<0.50	110	NA	20.16	7.05	13.11	NA	NA
S-13	1/15/1998	NA	NA	NA	NA	NA	NA	NA	20.16	5.27	14.89	NA	NA

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S-13	4/14/1998	<50	<0.50	<0.50	<0.50	<0.50	3.2	NA	20.16	5.24	14.92	NA	NA
S-13	7/14/1998	NA	NA	NA	NA	NA	NA	NA	20.16	5.48	14.68	NA	NA
S-13	10/20/1998	NA	NA	NA	NA	NA	NA	NA	20.16	7.08	13.08	NA	NA
S-13	1/22/1999	<50.0	<0.500	<0.500	<0.500	<0.500	92.2	NA	20.16	6.65	13.51	NA	NA
S-13	4/8/1999	NA	NA	NA	NA	NA	NA	NA	20.16	5.61	14.55	NA	NA
S-13	7/23/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	20.16	6.78	13.38	NA	NA
S-13	10/26/1999	NA	NA	NA	NA	NA	NA	NA	20.16	7.33	12.83	NA	NA
S-13	1/3/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	20.16	7.51	12.65	NA	NA
S-13	4/14/2000	NA	NA	NA	NA	NA	NA	NA	20.16	6.08	14.08	NA	NA
S-13	7/12/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	20.16	6.50	13.66	NA	NA
S-13	11/1/2000	NA	NA	NA	NA	NA	NA	NA	20.16	6.10	14.06	NA	NA
S-13	1/3/2001	<50.0	<0.500	<0.500	<0.500	<0.500	21.2	23.9	20.16	7.09	13.07	NA	NA
S-13	4/24/2001	Well inaccessible		NA	NA	NA	NA	NA	20.16	NA	NA	NA	NA
S-13	7/2/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	20.16	7.13	13.03	NA	NA
S-13	11/2/2001	NA	NA	NA	NA	NA	NA	NA	20.16	7.38	12.78	NA	NA
S-13	1/16/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	5.9	20.16	6.02	14.14	NA	NA
S-13	4/1/2002	NA	NA	NA	NA	NA	NA	NA	20.16	6.26	13.90	NA	NA
S-13	7/11/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	20.16	7.00	13.16	NA	NA
S-13	10/28/2002	NA	NA	NA	NA	NA	NA	NA	20.19	7.70	12.49	NA	NA
S-13	1/23/2003	<50	<0.50	<0.50	<0.50	<0.50	NA	110	20.19	6.41	13.78	NA	NA
S-13	4/30/2003	NA	NA	NA	NA	NA	NA	NA	20.19	6.12	14.07	NA	NA
S-13	7/1/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	20.19	7.65	12.54	NA	1.4
S-13	10/8/2003	NA	NA	NA	NA	NA	NA	NA	20.19	7.32	12.87	NA	NA
S-13	1/22/2004	<250	<2.5	<2.5	<2.5	<5.0	NA	NA	20.19	6.60	13.59	NA	NA
S-13	7/13/2004	NA	NA	NA	NA	NA	NA	NA	20.19	6.60	13.59	NA	e
S-13	1/20/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	NA	20.19	6.56	13.63	NA	NA
S-13	7/19/2005	NA	NA	NA	NA	NA	NA	NA	20.19	6.15	14.04	NA	NA
S-13	1/27/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	NA	20.19	6.42	13.77	NA	NA
S-13	7/25/2006	NA	NA	NA	NA	NA	NA	NA	20.19	7.51	12.68	NA	NA

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Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
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S-13	1/4/2007	<50	<0.50	<0.50	<0.50	<1.0	NA	NA	20.19	6.85	13.34	NA	NA
S-13	7/24/2007	NA	NA	NA	NA	NA	NA	NA	20.19	7.39	12.80	NA	NA
S-13	1/15/2008	<50 g	<0.50	<1.0	<1.0	<1.0	NA	NA	20.19	6.00	14.19	NA	NA
S-13	8/4/2008	NA	NA	NA	NA	NA	NA	NA	20.19	7.46	12.73	NA	NA
S-13	1/8/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	NA	20.19	6.71	13.48	NA	NA

S-14	5/3/1989	5300	750	400	200	800	NA	NA	20.44	NA	NA	NA	NA
S-14	8/10/1989	1800	540	140	42	50	NA	NA	20.44	7.58	12.86	NA	NA
S-14	10/9/1989	1000	360	60	20	30	NA	NA	20.44	7.62	12.82	NA	NA
S-14	1/25/1990	640	160	77	17	39	NA	NA	20.44	7.82	12.62	NA	NA
S-14	4/18/1990	1200	200	110	30	96	NA	NA	20.44	7.37	13.07	NA	NA
S-14	7/23/1990	5000	430	340	140	660	NA	NA	20.44	7.28	13.16	NA	NA
S-14	10/18/1990	1800	770	13	17	120	NA	NA	20.44	8.10	12.34	NA	NA
S-14	1/28/1991	720	200	36	21	78	NA	NA	20.44	8.04	12.40	NA	NA
S-14	4/25/1991	14000	930	430	250	970	NA	NA	20.44	6.40	14.04	NA	NA
S-14	7/9/1991	160	30	5.3	5	16	NA	NA	20.44	7.69	12.75	NA	NA
S-14	10/8/1991	5400	81	57	95	380	NA	NA	20.44	8.24	12.20	NA	NA
S-14	2/2/1992	NA	NA	NA	NA	NA	NA	NA	20.44	7.20	13.24	NA	NA
S-14	4/28/1992	2000	270	140	48	170	NA	NA	20.44	9.75	10.69	NA	NA
S-14	10/26/1992	920	33	12	25	88	NA	NA	20.44	8.32	12.12	NA	NA
S-14	1/13/1993	NA	NA	NA	NA	NA	NA	NA	20.44	5.07	15.37	NA	NA
S-14	4/16/1993	4500	1100	29	91	170	NA	NA	20.44	5.86	14.58	NA	NA
S-14	7/23/1993	NA	NA	NA	NA	NA	NA	NA	20.44	7.06	13.38	NA	NA
S-14	10/27/1993	Well inaccessible		NA	NA	NA	NA	NA	20.44	NA	NA	NA	NA
S-14	1/27/1994	NA	NA	NA	NA	NA	NA	NA	20.44	NA	NA	NA	NA
S-14	5/5/1994	810	250	<2.5	9.4	19	NA	NA	19.99	6.48	13.51	NA	NA
S-14	7/26/1994	NA	NA	NA	NA	NA	NA	NA	19.99	7.04	12.95	NA	NA
S-14	10/28/1994	5385	290.6	85.8	49.7	186.2	NA	NA	19.99	7.07	12.92	NA	NA
S-14	1/2/1995	NA	NA	NA	NA	NA	NA	NA	19.99	5.95	14.04	NA	NA

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S-14	4/14/1995	1600	40	4.7	11	20	NA	NA	19.99	5.22	14.77	NA	NA
S-14	7/28/1995	NA	NA	NA	NA	NA	NA	NA	19.99	6.21	13.78	NA	NA
S-14	10/17/1995	1200	37	<0.5	7.8	11	NA	NA	19.99	6.30	13.69	NA	NA
S-14	1/11/1996	NA	NA	NA	NA	NA	NA	NA	19.99	5.70	14.29	NA	NA
S-14	7/21/1997	220	71	0.71	1.3	1.3	100	NA	19.99	6.14	13.85	NA	NA
S-14	03/18/2002 d	NA	NA	NA	NA	NA	NA	NA	20.01	NA	NA	NA	NA
S-14	1/22/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	55	20.01	6.20	13.81	NA	NA

S-15	5/3/1989	<50	<0.5	<1	<1	<3	NA	NA	22.22	NA	NA	NA	NA
S-15	8/10/1989	<50	<0.5	<1	<1	<3	NA	NA	22.22	8.48	13.74	NA	NA
S-15	10/9/1989	<50	<0.5	<1	<1	<3	NA	NA	22.22	8.46	13.76	NA	NA
S-15	1/25/1990	<50	<0.5	<1	<1	<1	NA	NA	22.22	8.34	13.88	NA	NA
S-15	4/18/1990	<50	<0.5	<0.5	<0.5	<1	NA	NA	22.22	8.45	13.77	NA	NA
S-15	7/23/1990	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	22.22	8.22	14.00	NA	NA
S-15	10/18/1990	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	22.22	9.11	13.11	NA	NA
S-15	1/28/1991	<50	<0.5	0.6	<0.5	0.8	NA	NA	22.22	9.13	13.09	NA	NA
S-15	4/25/1991	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	22.22	7.83	14.39	NA	NA
S-15	7/9/1991	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	22.22	8.93	13.29	NA	NA
S-15	10/8/1991	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	22.22	9.26	12.96	NA	NA
S-15	2/5/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	22.22	8.60	13.62	NA	NA
S-15	4/28/1992	50	0.8	0.9	<0.5	1.4	NA	NA	22.22	8.09	14.13	NA	NA
S-15	7/27/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	22.22	8.83	13.39	NA	NA
S-15	10/26/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	22.22	9.31	12.91	NA	NA
S-15	1/14/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	22.22	6.64	15.58	NA	NA
S-15	4/16/1993	<50	0.6	1.0	<0.5	0.7	NA	NA	22.22	7.14	15.08	NA	NA
S-15	7/23/1993	<50	1.2	<0.5	<0.5	1.6	NA	NA	22.22	8.23	13.99	NA	NA
S-15	10/27/1993	Well inaccessible		NA	NA	NA	NA	NA	22.22	NA	NA	NA	NA
S-15	1/27/1994	Well inaccessible		NA	NA	NA	NA	NA	22.22	NA	NA	NA	NA
S-15	5/5/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.42	7.57	13.85	NA	NA

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WELL CONCENTRATIONS
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Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
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S-15	7/26/1994	<50	<0.3	<0.3	<0.3	<0.6	NA	NA	21.42	8.16	13.26	NA	NA
S-15	10/28/1994	<50	0.3	<0.3	<0.3	<0.6	NA	NA	21.42	7.87	13.55	NA	NA
S-15	1/2/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.42	7.02	14.40	NA	NA
S-15	4/14/1995	NA	NA	NA	NA	NA	NA	NA	21.42	6.19	15.23	NA	NA
S-15	7/28/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.42	6.72	14.70	NA	NA
S-15	10/17/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.42	7.04	14.38	NA	NA
S-15	1/11/1996	<50	<0.5	<0.5	<0.5	<0.5	<2	NA	21.42	6.40	15.02	NA	NA
S-15	03/18/2002 d	NA	NA	NA	NA	NA	NA	NA	21.47	NA	NA	NA	NA
S-15	1/22/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	21.47	7.07	14.40	NA	NA

S-16	5/4/1994	380	44	3.0	2.0	<3	NA	NA	21.82	NA	NA	NA	NA
S-16	8/10/1989	<50	0.6	<1	<1	<3	NA	NA	21.82	8.36	13.46	NA	NA
S-16	10/10/1989	<5	<0.5	<1	<1	<3	NA	NA	21.82	8.23	13.59	NA	NA
S-16	1/25/1990	240	160	3.3	0.8	11	NA	NA	21.82	7.88	13.94	NA	NA
S-16	4/18/1990	<50	1.0	<0.5	<0.5	<1	NA	NA	21.82	8.19	13.63	NA	NA
S-16	7/23/1990	<50	1.1	<0.5	<0.5	<0.5	NA	NA	21.82	8.09	13.73	NA	NA
S-16	10/18/1990	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.82	8.90	12.92	NA	NA
S-16	1/28/1991	<50	<0.5	0.6	<0.5	0.9	NA	NA	21.82	8.55	13.27	NA	NA
S-16	4/25/1991	60	21	0.5	3.2	4.8	NA	NA	21.82	7.48	14.34	NA	NA
S-16	7/9/1991	<50	1.0	<0.5	<0.5	<0.5	NA	NA	21.82	8.48	13.34	NA	NA
S-16	10/8/1991	50	17	1.4	1.2	5.5	NA	NA	21.82	8.95	12.87	NA	NA
S-16	2/5/1992	150	65	0.7	<0.5	8.4	NA	NA	21.82	8.20	13.62	NA	NA
S-16	4/28/1992	<50	13	<0.5	<0.5	<0.5	NA	NA	21.82	7.80	14.02	NA	NA
S-16	7/27/1992	510	130	<2.5	<0.5	21	NA	NA	21.82	8.29	13.53	NA	NA
S-16	10/26/1992	<50	<0.5	<0.5	<2.5	<0.5	NA	NA	21.82	9.02	12.80	NA	NA
S-16	1/13/1993	100	25	1.9	<0.5	8.4	NA	NA	21.82	5.78	16.04	NA	NA
S-16	4/16/1993	150	56	1.8	4.6	12	NA	NA	21.82	6.80	15.02	NA	NA
S-16	7/23/1993	<50	0.9	<0.5	<0.5	<0.5	NA	NA	21.82	7.67	14.15	NA	NA
S-16	10/27/1993	<50	1.5	<0.5	<0.5	<0.5	NA	NA	21.82	8.52	13.30	NA	NA

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Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-16	1/27/1994	140	85	<1	<1	13	NA	NA	21.82	7.20	14.62	NA	NA
S-16	5/5/1994	71	25	<0.5	<0.5	4.2	NA	NA	21.24	7.76	13.48	NA	NA
S-16	7/26/1994	<50	<0.3	<0.3	<0.3	<0.6	NA	NA	21.24	7.84	13.40	NA	NA
S-16	10/28/1994	<50	11.5	<0.3	<0.3	1.8	NA	NA	21.24	7.97	13.27	NA	NA
S-16	1/2/1995	70	64	<0.5	<0.5	4.0	NA	NA	21.24	6.49	14.75	NA	NA
S-16	4/14/1995	NA	NA	NA	NA	NA	NA	NA	21.24	6.08	15.16	NA	NA
S-16	7/28/1995	<50	1.7	<0.5	<0.5	<0.5	NA	NA	21.24	7.00	14.24	NA	NA
S-16	10/17/1995	<50	4.6	<0.5	<0.5	<0.5	NA	NA	21.24	7.15	14.09	NA	NA
S-16	1/11/1996	80	17	0.7	<0.5	2.9	<2	NA	21.24	6.30	14.94	NA	NA
S-16	4/2/1996	NA	NA	NA	NA	NA	NA	NA	21.24	5.84	15.40	NA	NA
S-16	7/9/1996	NA	NA	NA	NA	NA	NA	NA	21.24	6.72	14.52	NA	NA
S-16	10/10/1996	NA	NA	NA	NA	NA	NA	NA	21.24	7.41	13.83	NA	NA
S-16	1/9/1997	80	18	<0.50	1.7	4.8	<2.5	NA	21.24	5.60	15.64	NA	NA
S-16	4/8/1997	NA	NA	NA	NA	NA	NA	NA	21.24	7.34	13.90	NA	NA
S-16	7/21/1997	NA	NA	NA	NA	NA	NA	NA	21.24	7.20	14.04	NA	NA
S-16	10/8/1997	NA	NA	NA	NA	NA	NA	NA	21.24	7.34	13.90	NA	NA
S-16	1/15/1998	650	160	2.7	8.7	62	<12	NA	21.24	4.79	16.45	NA	NA
S-16	4/14/1998	NA	NA	NA	NA	NA	NA	NA	21.24	5.27	15.97	NA	NA
S-16	7/14/1998	NA	NA	NA	NA	NA	NA	NA	21.24	6.32	14.92	NA	NA
S-16	10/20/1998	NA	NA	NA	NA	NA	NA	NA	21.24	6.94	14.30	NA	NA
S-16	1/22/1999	Well inaccessible		NA	NA	NA	NA	NA	21.24	NA	NA	NA	NA
S-16	4/8/1999	NA	NA	NA	NA	NA	NA	NA	21.24	5.80	15.44	NA	NA
S-16	7/23/1999	NA	NA	NA	NA	NA	NA	NA	21.24	6.62	14.62	NA	NA
S-16	10/26/1999	NA	NA	NA	NA	NA	NA	NA	21.24	7.42	13.82	NA	NA
S-16	1/3/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	21.24	7.34	13.90	NA	NA
S-16	4/14/2000	NA	NA	NA	NA	NA	NA	NA	21.24	6.27	14.97	NA	NA
S-16	7/12/2000	NA	NA	NA	NA	NA	NA	NA	21.24	7.02	14.22	NA	NA
S-16	11/1/2000	NA	NA	NA	NA	NA	NA	NA	21.24	6.79	14.45	NA	NA
S-16	1/3/2001	<50.0	<0.500	<0.500	<0.500	<0.500	3.05	NA	21.24	7.18	14.06	NA	NA

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S-16	4/24/2001	NA	NA	NA	NA	NA	NA	NA	21.24	6.85	14.39	NA	NA
S-16	7/2/2001	NA	NA	NA	NA	NA	NA	NA	21.24	7.51	13.73	NA	NA
S-16	11/2/2001	NA	NA	NA	NA	NA	NA	NA	21.24	7.68	13.56	NA	NA
S-16	1/16/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	21.24	6.40	14.84	NA	NA
S-16	4/1/2002	NA	NA	NA	NA	NA	NA	NA	21.24	6.33	14.91	NA	NA
S-16	7/11/2002	NA	NA	NA	NA	NA	NA	NA	21.24	7.39	13.85	NA	NA
S-16	10/28/2002	NA	NA	NA	NA	NA	NA	NA	21.30	8.00	13.30	NA	NA
S-16	1/23/2003	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	21.30	6.36	14.94	NA	NA
S-16	4/30/2003	NA	NA	NA	NA	NA	NA	NA	21.30	6.03	15.27	NA	NA
S-16	7/1/2003	NA	NA	NA	NA	NA	NA	NA	21.30	7.28	14.02	NA	NA
S-16	10/8/2003	NA	NA	NA	NA	NA	NA	NA	21.30	7.77	13.53	NA	NA
S-16	1/22/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	NA	21.30	6.80	14.50	NA	NA
S-16	7/13/2004	NA	NA	NA	NA	NA	NA	NA	21.30	7.94	13.36	NA	NA
S-16	1/20/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	NA	21.30	5.62	15.68	NA	NA
S-16	7/19/2005	NA	NA	NA	NA	NA	NA	NA	21.30	6.53	14.77	NA	NA
S-16	1/27/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	NA	21.30	6.05	15.25	NA	NA
S-16	7/25/2006	NA	NA	NA	NA	NA	NA	NA	21.30	7.19	14.11	NA	NA
S-16	1/4/2007	<50	<0.50	<0.50	<0.50	<1.0	NA	NA	21.30	6.89	14.41	NA	NA
S-16	7/24/2007	NA	NA	NA	NA	NA	NA	NA	21.30	7.60	13.70	NA	NA
S-16	1/15/2008	<50 g	<0.50	<1.0	<1.0	<1.0	NA	NA	21.30	5.82	15.48	NA	NA
S-16	8/4/2008	NA	NA	NA	NA	NA	NA	NA	21.30	7.55	13.75	NA	NA
S-16	1/8/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	NA	21.30	7.16	14.14	NA	NA

S-17	5/3/1989	<50	<0.5	<1	<1	<3	NA	NA	20.95	NA	NA	NA	NA
S-17	8/10/1989	<50	<0.5	<1	<1	<3	NA	NA	20.95	8.13	12.82	NA	NA
S-17	10/9/1989	<50	<0.5	<1	<1	<3	NA	NA	20.95	8.18	12.77	NA	NA
S-17	1/25/1990	<50	<0.5	<0.5	<0.5	<1	NA	NA	20.95	7.60	13.35	NA	NA
S-17	4/18/1990	<50	<0.5	<0.5	<0.5	<1	NA	NA	20.95	7.95	13.00	NA	NA
S-17	7/23/1990	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.95	7.87	13.08	NA	NA

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Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-17	10/18/1990	390	10	62	22	110	NA	NA	20.95	8.71	12.24	NA	NA
S-17	1/28/1991	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.95	8.54	12.41	NA	NA
S-17	4/25/1991	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.95	7.15	13.80	NA	NA
S-17	7/9/1991	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.95	8.24	12.71	NA	NA
S-17	10/8/1991	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.95	8.86	12.09	NA	NA
S-17	2/5/1992	NA	NA	NA	NA	NA	NA	NA	20.95	7.74	13.21	NA	NA
S-17	4/28/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.95	7.41	13.54	NA	NA
S-17	7/27/1992	NA	NA	NA	NA	NA	NA	NA	20.95	8.34	12.61	NA	NA
S-17	10/26/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.95	8.87	12.08	NA	NA
S-17	1/13/1993	NA	NA	NA	NA	NA	NA	NA	20.95	3.43	17.52	NA	NA
S-17	4/16/1993	130	<0.5	<0.5	<0.5	<0.5	NA	NA	20.95	6.70	14.25	NA	NA
S-17	7/23/1993	NA	NA	NA	NA	NA	NA	NA	20.95	7.53	13.42	NA	NA
S-17	10/27/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.95	8.29	12.66	NA	NA
S-17	1/27/1994	NA	NA	NA	NA	NA	NA	NA	20.95	5.78	15.17	NA	NA
S-17	5/5/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.45	6.99	13.46	NA	NA
S-17	7/26/1994	NA	NA	NA	NA	NA	NA	NA	20.45	7.62	12.83	NA	NA
S-17	10/28/1994	<50	<0.3	<0.3	<0.3	<0.6	NA	NA	20.45	7.91	12.54	NA	NA
S-17	1/2/1995	NA	NA	NA	NA	NA	NA	NA	20.45	6.33	14.12	NA	NA
S-17	4/14/1995	NA	NA	NA	NA	NA	NA	NA	20.45	5.53	14.92	NA	NA
S-17	7/28/1995	NA	NA	NA	NA	NA	NA	NA	20.45	6.75	13.70	NA	NA
S-17	10/17/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.45	7.15	13.30	NA	NA
S-17	1/11/1996	NA	NA	NA	NA	NA	NA	NA	20.45	6.37	14.08	NA	NA
S-17	4/2/1996	<50	<0.5	<0.5	<0.5	<0.5	<2	NA	20.45	5.31	15.14	NA	NA
S-17	7/9/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	20.45	6.30	14.15	NA	NA
S-17	10/10/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	20.45	7.80	12.65	NA	NA
S-17	1/9/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	20.45	4.80	15.65	NA	NA
S-17	4/8/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	20.45	6.83	13.62	NA	NA
S-17 (D)	4/8/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	20.45	NA	NA	NA	NA
S-17	7/21/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	20.45	6.78	13.67	NA	NA

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Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-17	10/8/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	20.45	6.80	13.65	NA	NA
S-17	1/15/1998	380	<0.50	<0.50	<0.50	0.94	<2.5	NA	20.45	2.91	17.54	NA	NA
S-17	4/14/1998	160	<0.50	<0.50	<0.50	<0.50	<2.5	NA	20.45	4.47	15.98	NA	NA
S-17	7/14/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	20.45	6.45	14.00	NA	NA
S-17	10/20/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	20.45	7.11	13.34	NA	NA
S-17	1/22/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<2.00	NA	20.45	6.01	14.44	NA	NA
S-17	4/8/1999	145	<0.500	<0.500	<0.500	<0.500	<5.00	NA	20.45	4.69	15.76	NA	NA
S-17	7/23/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	20.45	6.60	13.85	NA	NA
S-17	10/26/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	20.45	6.68	13.77	NA	NA
S-17	1/3/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	20.45	7.20	13.25	NA	NA
S-17	4/14/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	20.45	5.88	14.57	NA	NA
S-17	7/12/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	20.45	6.45	14.00	NA	NA
S-17	11/1/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	20.45	5.45	15.00	NA	NA
S-17	1/3/2001	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	20.45	7.22	13.23	NA	NA
S-17	4/24/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<0.50	20.45	6.10	14.35	NA	NA
S-17	7/2/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	20.45	6.95	13.50	NA	NA
S-17	11/2/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	20.45	7.50	12.95	NA	NA
S-17	1/16/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	20.45	5.76	14.69	NA	NA
S-17	4/1/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	20.45	6.02	14.43	NA	NA
S-17	7/11/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	20.45	6.97	13.48	NA	NA
S-17	10/28/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<0.50	20.44	7.60	12.84	NA	0.9
S-17	1/23/2003	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	20.44	5.77	14.67	NA	NA
S-17	4/30/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<5.0	20.44	5.35	15.09	NA	NA
S-17	7/1/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	20.44	6.95	13.49	NA	1.1
S-17	10/8/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	20.44	7.01	13.43	NA	NA
S-17	1/22/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	NA	20.44	6.57	13.87	NA	NA
S-17	7/13/2004	NA	NA	NA	NA	NA	NA	NA	20.36 f	7.71	12.65	NA	NA
S-17	1/20/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	NA	20.36 f	5.09	15.27	NA	NA
S-17	7/19/2005	NA	NA	NA	NA	NA	NA	NA	20.36	6.30	14.06	NA	NA

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Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
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S-17	1/27/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	NA	20.36	5.50	14.86	NA	NA
S-17	7/25/2006	NA	NA	NA	NA	NA	NA	NA	20.36	6.84	13.52	NA	NA
S-17	1/4/2007	<50	<0.50	<0.50	<0.50	<1.0	NA	NA	20.36	6.15	14.21	NA	NA
S-17	7/24/2007	NA	NA	NA	NA	NA	NA	NA	20.36	6.92	13.44	NA	NA
S-17	1/15/2008	<50 g	<0.50	<1.0	<1.0	<1.0	NA	NA	20.36	5.05	15.31	NA	NA
S-17	8/4/2008	NA	NA	NA	NA	NA	NA	NA	20.36	6.96	13.40	NA	NA
S-17	1/8/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	NA	20.36	6.56	13.80	NA	NA

S-18	5/31/1991	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.03	NA	NA	NA	NA
S-18	7/9/1991	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.03	8.23	12.80	NA	NA
S-18	10/8/1991	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.03	8.84	12.19	NA	NA
S-18	2/5/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.03	7.67	13.36	NA	NA
S-18	4/28/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.03	7.40	13.63	NA	NA
S-18	7/27/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.03	8.38	12.65	NA	NA
S-18	10/26/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.03	8.83	12.20	NA	NA
S-18	1/13/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.03	5.86	15.17	NA	NA
S-18	4/16/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.03	4.88	16.15	NA	NA
S-18	7/23/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.03	7.56	13.47	NA	NA
S-18	10/27/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.03	8.30	12.73	NA	NA
S-18	1/27/1994	<50	1.9	<0.5	<0.5	<0.5	NA	NA	21.03	6.84	14.19	NA	NA
S-18	5/5/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.57	7.05	13.52	NA	NA
S-18	7/26/1994	<500	<3	1.1	<0.3	1.8	NA	NA	20.57	7.62	12.95	NA	NA
S-18	10/28/1994	<50	<0.3	<0.3	<0.3	<0.6	NA	NA	20.57	8.01	12.56	NA	NA
S-18	1/2/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.57	6.26	14.31	NA	NA
S-18	4/14/1995	NA	NA	NA	NA	NA	NA	NA	20.57	4.85	15.72	NA	NA
S-18	7/28/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.57	5.80	14.77	NA	NA
S-18	10/17/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.57	7.22	13.35	NA	NA
S-18	1/11/1996	<50	<0.5	<0.5	<0.5	<0.5	<2	NA	20.57	6.40	14.17	NA	NA
S-18	4/2/1996	NA	NA	NA	NA	NA	NA	NA	20.57	4.80	15.77	NA	NA

TABLE 1
WELL CONCENTRATIONS
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Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-18	7/9/1996	NA	NA	NA	NA	NA	NA	NA	20.57	5.74	14.83	NA	NA
S-18	10/10/1996	NA	NA	NA	NA	NA	NA	NA	20.57	6.06	14.51	NA	NA
S-18	1/9/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	20.57	4.70	15.87	NA	NA
S-18	4/8/1997	NA	NA	NA	NA	NA	NA	NA	20.57	6.62	13.95	NA	NA
S-18	7/21/1997	NA	NA	NA	NA	NA	NA	NA	20.57	6.94	13.63	NA	NA
S-18	10/8/1997	NA	NA	NA	NA	NA	NA	NA	20.57	6.88	13.69	NA	NA
S-18	1/15/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	20.57	3.60	16.97	NA	NA
S-18	4/14/1998	NA	NA	NA	NA	NA	NA	NA	20.57	4.28	16.29	NA	NA
S-18	7/14/1998	NA	NA	NA	NA	NA	NA	NA	20.57	6.13	14.44	NA	NA
S-18	10/20/1998	NA	NA	NA	NA	NA	NA	NA	20.57	7.20	13.37	NA	NA
S-18	1/22/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<2.00	NA	20.57	6.00	14.57	NA	NA
S-18	4/8/1999	NA	NA	NA	NA	NA	NA	NA	20.57	4.95	15.62	NA	NA
S-18	7/23/1999	NA	NA	NA	NA	NA	NA	NA	20.57	6.03	14.54	NA	NA
S-18	10/26/1999	NA	NA	NA	NA	NA	NA	NA	20.57	7.39	13.18	NA	NA
S-18	1/3/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	20.57	7.54	13.03	NA	NA
S-18	4/14/2000	NA	NA	NA	NA	NA	NA	NA	20.57	4.41	16.16	NA	NA
S-18	7/12/2000	NA	NA	NA	NA	NA	NA	NA	20.57	5.31	15.26	NA	NA
S-18	11/1/2000	NA	NA	NA	NA	NA	NA	NA	20.57	6.42	14.15	NA	NA
S-18	1/3/2001	<50.0	<0.500	<0.500	<0.500	<0.500	3.67	NA	20.57	7.30	13.27	NA	NA
S-18	4/24/2001	NA	NA	NA	NA	NA	NA	NA	20.57	6.83	13.74	NA	NA
S-18	7/2/2001	NA	NA	NA	NA	NA	NA	NA	20.57	7.23	13.34	NA	NA
S-18	11/2/2001	Unable to locate		NA	NA	NA	NA	NA	20.57	NA	NA	NA	NA
S-18	1/16/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	20.57	6.15	14.42	NA	NA
S-18	4/1/2002	NA	NA	NA	NA	NA	NA	NA	20.57	6.06	14.51	NA	NA
S-18	7/11/2002	NA	NA	NA	NA	NA	NA	NA	20.57	6.98	13.59	NA	NA
S-18	10/28/2002	NA	NA	NA	NA	NA	NA	NA	20.63	7.66	12.97	NA	NA
S-18	1/23/2003	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	20.63	6.18	14.45	NA	NA
S-18	4/30/2003	NA	NA	NA	NA	NA	NA	NA	20.63	5.32	15.31	NA	NA
S-18	7/1/2003	NA	NA	NA	NA	NA	NA	NA	20.63	7.20	13.43	NA	NA

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Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
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S-18	10/8/2003	NA	NA	NA	NA	NA	NA	NA	20.63	7.48	13.15	NA	NA
S-18	1/22/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	NA	20.63	6.74	13.89	NA	NA
S-18	7/13/2004	NA	NA	NA	NA	NA	NA	NA	20.63	7.87	12.76	NA	NA
S-18	1/20/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	NA	20.63	5.33	15.30	NA	NA
S-18	7/19/2005	NA	NA	NA	NA	NA	NA	NA	20.63	6.55	14.08	NA	NA
S-18	1/27/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	NA	20.63	5.89	14.74	NA	NA
S-18	7/25/2006	NA	NA	NA	NA	NA	NA	NA	20.63	7.10	13.53	NA	NA
S-18	1/4/2007	<50	<0.50	<0.50	<0.50	<1.0	NA	NA	20.63	6.60	14.03	NA	NA
S-18	7/24/2007	NA	NA	NA	NA	NA	NA	NA	20.63	7.13	13.50	NA	NA
S-18	1/15/2008	<50 g	<0.50	<1.0	<1.0	<1.0	NA	NA	20.63	5.25	15.38	NA	NA
S-18	8/4/2008	NA	NA	NA	NA	NA	NA	NA	20.63	7.85	12.78	NA	NA
S-18	1/8/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	NA	20.63	6.98	13.65	NA	NA

S-19	10/20/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	20.11	6.41	13.70	NA	NA
S-19	1/22/1999	<50.0	<0.500	<0.500	<0.500	<0.500	90.6	NA	20.11	5.42	14.69	NA	NA
S-19	4/8/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	20.11	4.61	15.50	NA	NA
S-19	7/23/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	20.11	5.86	14.25	NA	NA
S-19	10/26/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	20.11	6.28	13.83	NA	NA
S-19	1/3/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	20.11	6.62	13.49	NA	NA
S-19	4/14/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	20.11	4.31	15.80	NA	NA
S-19	7/12/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	20.11	5.46	14.65	NA	NA
S-19	11/1/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	20.11	5.05	15.06	NA	NA
S-19	1/3/2001	<50.0	<0.500	<0.500	<0.500	<0.500	9.61	NA	20.11	6.00	14.11	NA	NA
S-19	4/24/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<0.50	20.11	5.58	14.53	NA	NA
S-19	7/2/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	20.11	6.34	13.77	NA	3.4
S-19	11/2/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	20.11	6.57	13.54	NA	3.4
S-19	1/16/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	20.11	5.05	15.06	NA	0.5
S-19	4/1/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	20.11	5.13	14.98	NA	3.3
S-19	7/11/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	20.11	5.50	14.61	NA	0.5

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Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
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S-19	10/28/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<0.50	20.10	6.35	13.75	NA	0.6
S-19	1/23/2003	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	20.10	5.15	14.95	NA	0.3
S-19	4/30/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<5.0	20.10	4.90	15.20	NA	0.5
S-19	7/1/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	20.10	5.50	14.60	NA	1.7
S-19	10/8/2003	58	<0.50	<0.50	<0.50	<1.0	NA	<0.50	20.10	6.63	13.47	NA	0.4
S-19	1/22/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	NA	20.10	5.67	14.43	NA	0.6
S-19	7/13/2004	NA	NA	NA	NA	NA	NA	NA	20.10	6.82	13.28	NA	1.0
S-19	1/20/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	NA	20.10	4.75	15.35	NA	0.6
S-19	7/19/2005	NA	NA	NA	NA	NA	NA	NA	20.10	5.15	14.95	NA	NA
S-19	1/27/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	NA	20.10	4.85	15.25	NA	NA
S-19	7/25/2006	NA	NA	NA	NA	NA	NA	NA	20.10	6.14	13.96	NA	NA
S-19	1/4/2007	<50	<0.50	<0.50	<0.50	<1.0	NA	NA	20.10	5.75	14.35	NA	NA
S-19	7/24/2007	NA	NA	NA	NA	NA	NA	NA	20.10	6.39	13.71	NA	NA
S-19	1/15/2008	<50 g	<0.50	<1.0	<1.0	<1.0	NA	NA	20.10	4.72	15.38	NA	NA
S-19	8/4/2008	NA	NA	NA	NA	NA	NA	NA	20.10	6.43	13.67	NA	NA
S-19	1/8/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	NA	20.10	6.18	13.92	NA	NA

SR-1	3/22/1989	5400	1100	230	350	1300	NA	NA	21.45	NA	NA	NA	NA
SR-1	1/25/1990	2200	470	120	110	510	NA	NA	21.45	7.53	13.92	NA	NA
SR-1	4/18/1990	1000	130	47	47	220	NA	NA	21.45	8.17	13.28	NA	NA
SR-1	7/23/1990	3200	470	320	170	870	NA	NA	21.45	7.58	13.87	NA	NA
SR-1	10/18/1990	1300	280	6.6	110	130	NA	NA	21.45	8.81	12.64	NA	NA
SR-1	1/28/1991	110	120	12	51	110	NA	NA	21.45	8.37	13.08	NA	NA
SR-1	4/25/1991	NA	NA	NA	NA	NA	NA	NA	21.45	6.91	14.54	NA	NA
SR-1	7/9/1991	1400	200	27	130	340	NA	NA	21.45	8.11	13.34	NA	NA
SR-1	10/8/1991	980	79	1.5	44	52	NA	NA	21.45	8.63	12.82	NA	NA
SR-1	2/5/1991	3800	580	36	320	400	NA	NA	21.45	7.68	13.77	NA	NA
SR-1	4/28/1992	38000	1800	460	1900	750	NA	NA	21.45	7.27	14.18	NA	NA
SR-1	7/27/1992	NA	NA	NA	NA	NA	NA	NA	21.45	8.11	13.34	0.01	NA

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Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
SR-1	10/26/1992	1800	370	10	130	130	NA	NA	21.45	8.63	12.82	NA	NA
SR-1	1/13/1993	47000	1000	1100	1700	13000	NA	NA	21.45	5.46	15.99	NA	NA
SR-1	4/16/1993	25000	1700	430	2400	8300	NA	NA	21.45	6.28	15.17	NA	NA
SR-1	7/23/1993	33000	2400	2000	3800	14000	NA	NA	21.45	7.34	14.11	NA	NA
SR-1	10/27/1993	2300	340	<12.5	270	440	NA	NA	21.45	8.04	13.41	NA	NA
SR-1	1/27/1994	36000	2000	1700	3000	11000	NA	NA	21.45	6.68	14.77	NA	NA
SR-1	5/5/1994	43000	1500	130	2900	12000	NA	NA	20.57	6.81	13.76	NA	NA
SR-1	7/26/1994	13600	682.7	39.2	996.6	2516	NA	NA	20.57	7.38	13.19	NA	NA
SR-1	10/28/1994	8462	301.5	29.3	384.7	2019	NA	NA	20.57	7.48	13.09	NA	NA
SR-1	1/2/1995	13000	400	120	2500	10000	NA	NA	20.57	6.34	14.23	NA	NA
SR-1	4/14/1995	43000	690	370	2500	12000	NA	NA	20.57	5.29	15.28	NA	NA
SR-1	7/28/1995	35000	760	120	2300	8100	NA	NA	20.57	6.36	14.21	NA	NA
SR-1	10/17/1995	9700	310	12	610	1200	NA	NA	20.57	6.62	13.95	NA	NA
SR-1 (D)	10/17/1995	8300	230	9.6	680	840	NA	NA	20.57	NA	NA	NA	NA
SR-1	1/11/1996	18000	410	170	1200	4400	42	NA	20.57	5.66	14.91	NA	NA
SR-1 (D)	1/11/1996	17000	420	180	1100	4000	42	NA	20.57	NA	NA	NA	NA
SR-1	4/2/1996	NA	NA	NA	NA	NA	NA	NA	20.57	5.14	15.43	NA	NA
SR-1	7/9/1996	Well inaccessible		NA	NA	NA	NA	NA	20.57	NA	NA	NA	NA
SR-1	10/10/1996	Well inaccessible		NA	NA	NA	NA	NA	20.57	NA	NA	NA	NA
SR-1	1/9/1997	Well inaccessible		NA	NA	NA	NA	NA	20.57	NA	NA	NA	NA
SR-1	4/8/1997	Well inaccessible		NA	NA	NA	NA	NA	20.57	NA	NA	NA	NA
SR-1	7/21/1997	Well inaccessible		NA	NA	NA	NA	NA	20.57	NA	NA	NA	NA
SR-1	10/8/1997	NA	NA	NA	NA	NA	NA	NA	20.57	6.94	13.63	NA	NA
SR-1	1/15/1998	8100	82	<25	36	2300	<125	NA	20.57	4.30	16.27	NA	NA
SR-1	4/14/1998	Well inaccessible		NA	NA	NA	NA	NA	20.57	NA	NA	NA	NA
SR-1	7/14/1998	NA	NA	NA	NA	NA	NA	NA	20.28	6.48	13.80	NA	NA
SR-1	10/20/1998	NA	NA	NA	NA	NA	NA	NA	20.28	6.61	13.67	NA	NA
SR-1	1/22/1999	Well inaccessible		NA	NA	NA	NA	NA	20.28	NA	NA	NA	NA
SR-1	4/8/1999	NA	NA	NA	NA	NA	NA	NA	20.28	0.97	19.31	NA	NA

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SR-1	7/23/1999	Well dry	NA	NA	NA	NA	NA	NA	20.28	NA	NA	NA	NA
SR-1	10/26/1999	Well dry	NA	NA	NA	NA	NA	NA	20.28	NA	NA	NA	NA
SR-1	4/14/2000	Obstruction in well		NA	NA	NA	NA	NA	20.28	NA	NA	NA	NA
SR-1	7/12/2000	Obstruction in well		NA	NA	NA	NA	NA	20.28	NA	NA	NA	NA
SR-1	11/1/2000	Obstruction in well		NA	NA	NA	NA	NA	20.28	NA	NA	NA	NA
SR-1	1/3/2001	Obstruction in well		NA	NA	NA	NA	NA	20.28	NA	NA	NA	NA
SR-1	4/24/2001	Obstruction in well		NA	NA	NA	NA	NA	20.28	NA	NA	NA	NA
SR-1	7/2/2001	Obstruction in well		NA	NA	NA	NA	NA	20.28	NA	NA	NA	NA
SR-1	11/2/2001	Well dry	NA	NA	NA	NA	NA	NA	20.28	NA	NA	NA	NA
SR-1	1/16/2002	Well dry	NA	NA	NA	NA	NA	NA	20.28	NA	NA	NA	NA
SR-1	4/1/2002	Obstruction in well		NA	NA	NA	NA	NA	20.28	NA	NA	NA	NA
SR-1	7/11/2002	Obstruction in well		NA	NA	NA	NA	NA	20.28	NA	NA	NA	NA
SR-1	10/28/2002	Obstruction in well		NA	NA	NA	NA	NA	20.27	NA	NA	NA	NA
SR-1	1/23/2003	Obstruction in well		NA	NA	NA	NA	NA	20.27	NA	NA	NA	NA
SR-1	4/30/2003	Obstruction in well		NA	NA	NA	NA	NA	20.27	NA	NA	NA	NA
SR-1	7/1/2003	Obstruction in well		NA	NA	NA	NA	NA	20.27	NA	NA	NA	NA
SR-1	10/8/2003	Well dry	NA	NA	NA	NA	NA	NA	20.27	NA	NA	NA	NA

SV-1	04/15/1998 b	NA	NA	NA	NA	NA	NA	NA	NA	6.02	NA	NA	NA
SV-1	04/15/1998 c	NA	NA	NA	NA	NA	NA	NA	NA	7.15	NA	NA	NA
SV-1	03/18/2002 d	NA	NA	NA	NA	NA	NA	NA	21.31	NA	NA	NA	NA
SV-1	1/22/2004	3000	15	<2.5	34	11	NA	<2.5	21.31	6.67	14.64	NA	NA

**TABLE 1
WELL CONCENTRATIONS
Former Shell Service Station
15275 Washington Boulevard
San Leandro, CA**

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
----------------	-------------	-----------------------	--------------------	--------------------	--------------------	--------------------	--------------------------------------	--------------------------------------	---------------------	--	--	---	--------------------------------------

Abbreviations:

TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B; prior to April 24, 2001, analyzed by EPA Method 8015.

BTEX = Benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B; prior to April 24, 2001, analyzed by EPA Method 8020.

MTBE = Methyl tertiary butyl ether

TOC = Top of Casing Elevation

SPH = Separate-Phase Hydrocarbons

GW = Groundwater

DO = Dissolved Oxygen

ug/L = Parts per billion

MSL = Mean sea level

ppm = Parts per million

ft. = Feet

<n = Below detection limit

(D) = Duplicate sample

NA = Not applicable

**TABLE 1
WELL CONCENTRATIONS
Former Shell Service Station
15275 Washington Boulevard
San Leandro, CA**

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
---------	------	----------------	-------------	-------------	-------------	-------------	------------------------	------------------------	--------------	----------------------------	--------------------------	---------------------------	------------------------

Notes:

a = Chromatogram pattern indicated an unidentified hydrocarbon.

b = Pre-development sample

c = Post-development sample

d = Survey date only.

e = DO reading not taken.

f = TOC lowered 0.08 feet due to wellhead maintenance on June 3, 2004.

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

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

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

Site surveyed March 18, 2002 by Virgil Chavez Land Surveying of Vallejo, CA.

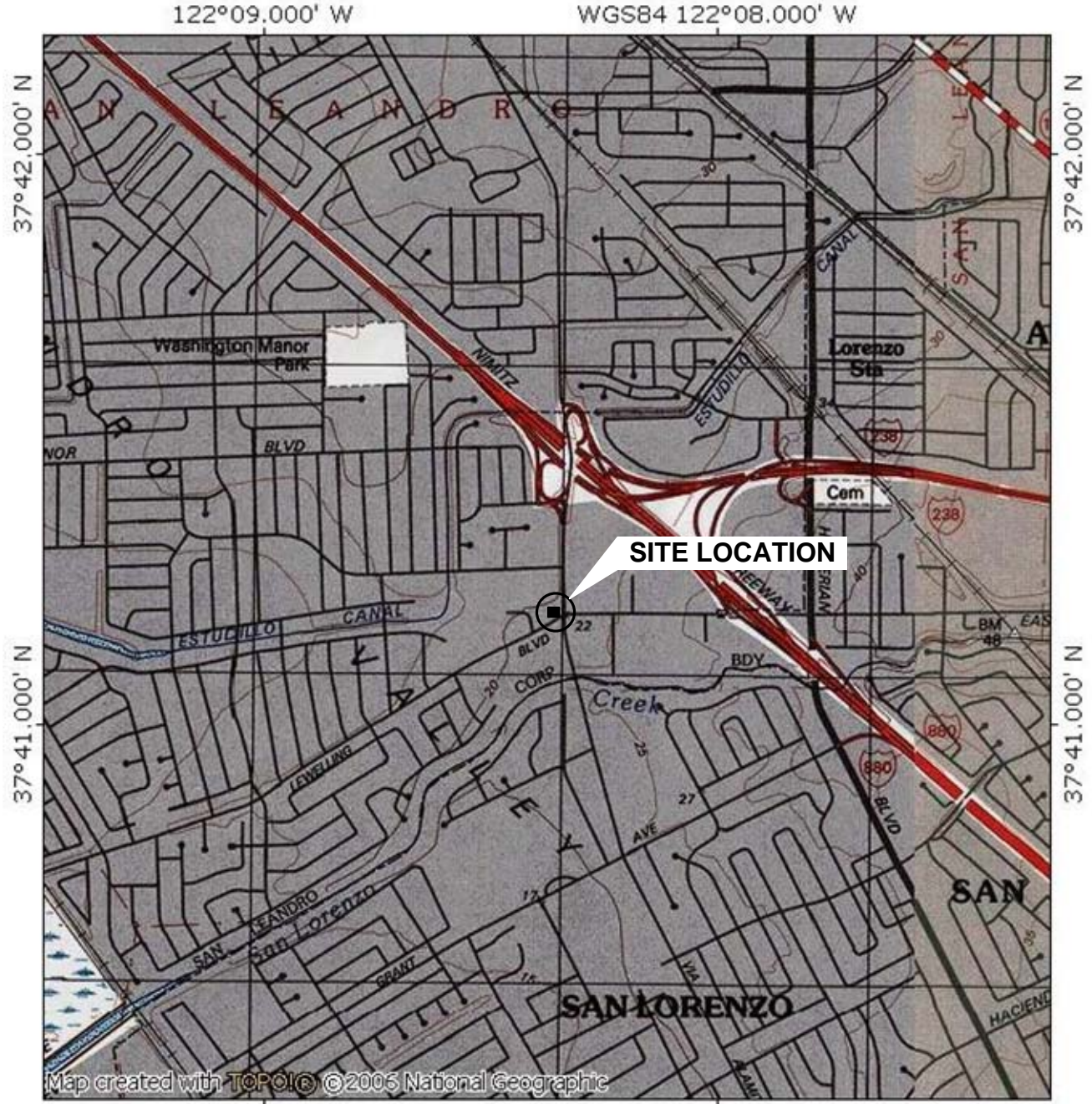
FIGURES

DRAWING NUMBER
SCA152751A

APPROVED BY

CHECKED BY

DRAWN BY
J.F.F.



Map created with TOPO! © 2006 National Geographic



SHELL OIL PRODUCTS US
FORMER SHELL SERVICE STATION
SAN LEANDRO, CALIFORNIA

FIGURE 1
SITE LOCATION MAP
15275 WASHINGTON AVENUE
SAN LEANDRO, CALIFORNIA

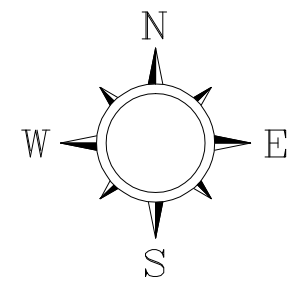
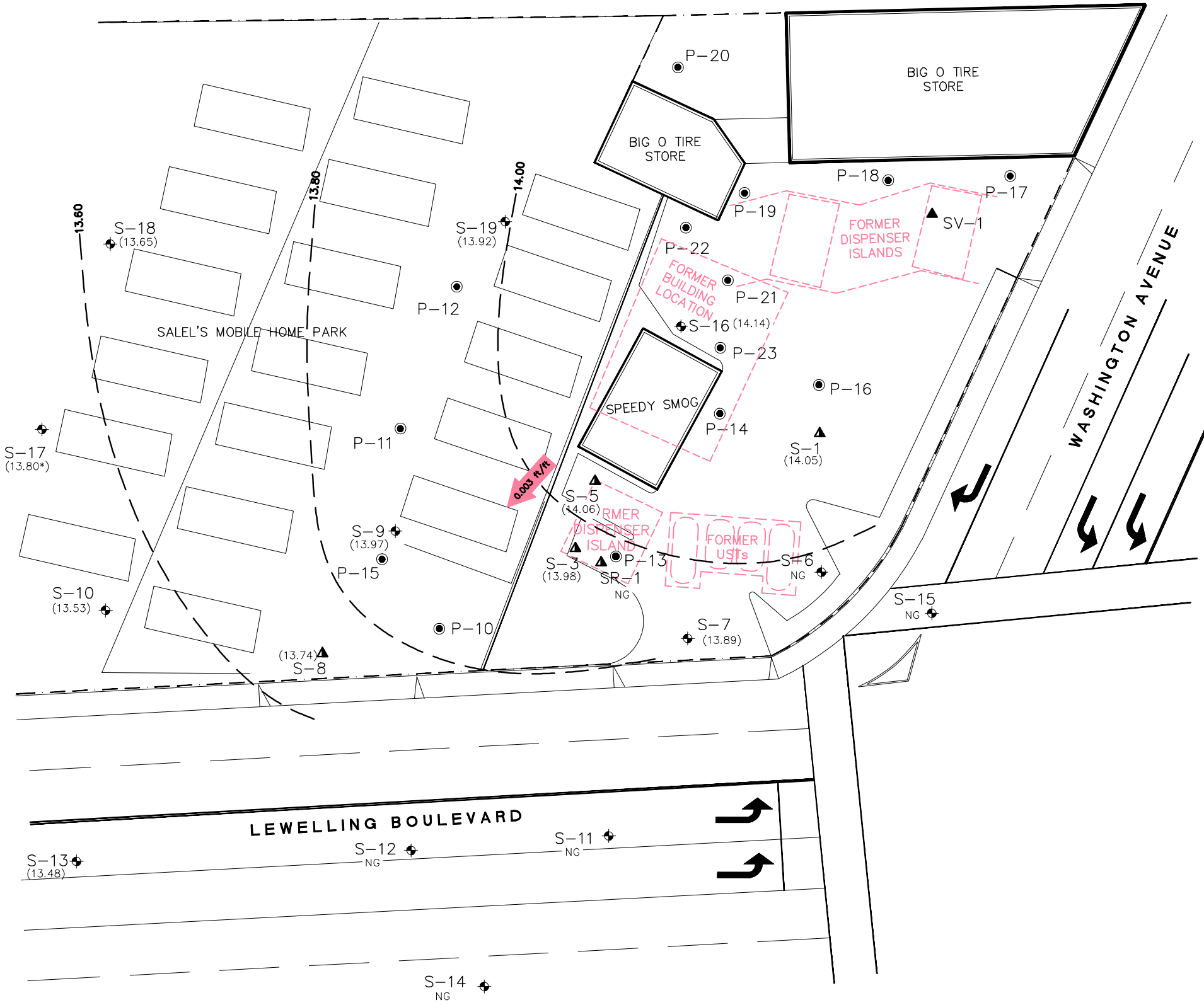
PROJECT NUMBER
SCA152751A

APPROVED BY

CHECKED BY

DRAWN BY
J.F.F.

SCALE IN FEET
0 20 40



LEGEND

- S-6 ◆ GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
- S-1 ▲ GROUNDWATER MONITORING WELL MODIFIED FOR SOIL VAPOR EXTRACTION
- SV-1 ▲ SOIL VAPOR EXTRACTION WELL LOCATION AND DESIGNATION
- P-18 ● SOIL VAPOR SAMPLE LOCATIONS
- (14.05) GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL (Ft/MSL)
- 14.00 - - - GROUNDWATER CONTOUR IN FEET ABOVE MEAN SEA LEVEL (Ft/MSL)
CONTOUR INTERVAL=0.20 FEET
- 0.003 ft/ft APPROXIMATE GROUNDWATER DIRECTION
- NG NOT GAUGED
- * NOT USED IN CONTOURING ANOMALOUS DATA



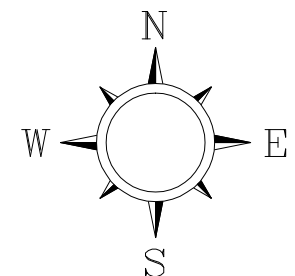
SHELL OIL PRODUCTS
FORMER SHELL-BRANDED SERVICE STATION
SAN LEANDRO, CALIFORNIA

FIGURE 2
GROUNDWATER ELEVATION CONTOUR
MAP

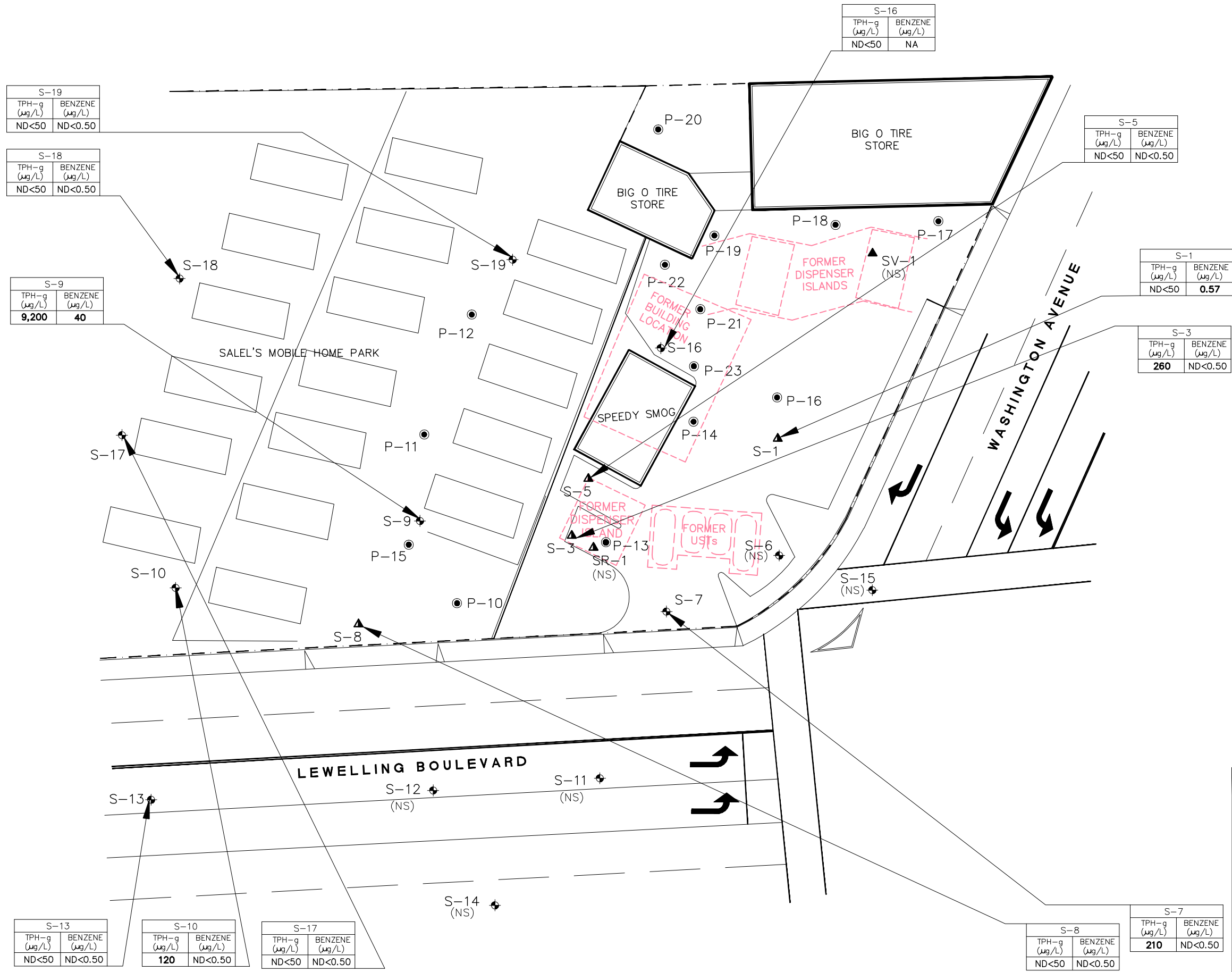
1/8/2009
15275 WASHINGTON AVENUE
SAN LEANDRO, CALIFORNIA

PROJECT NUMBER SCA152751A
 APPROVED BY
 CHECKED BY
 DRAWN BY J.F.F. 2/9/2009

0 20 40
 SCALE IN FEET



- LEGEND**
- S-6 GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
 - S-1 GROUNDWATER MONITORING WELL MODIFIED FOR SOIL VAPOR EXTRACTION
 - SV-1 SOIL VAPOR EXTRACTION WELL LOCATION AND DESIGNATION
 - P-18 SOIL VAPOR SAMPLE LOCATIONS
 - TPH-g TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
 - ND< NOT DETECTED ABOVE LIMIT NOTED
 - µg/L MICROGRAMS PER LITER
 - NS NOT SAMPLED



SHELL OIL PRODUCTS
 FORMER SHELL-BRANDED SERVICE STATION
 SAN LEANDRO, CALIFORNIA

FIGURE 3
HYDROCARBON DISTRIBUTION
IN GROUNDWATER MAP
1/8/2009

15275 WASHINGTON AVENUE
 SAN LEANDRO, CALIFORNIA

APPENDIX A

ACHCSA LETTER DATED 3/31/2009

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



RECEIVED - SOP US

APR 06 2009

ENVIRONMENTAL SERVICES
WESTERN REGION

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

March 31, 2009

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

Mr. Frank Salel
Salel Enterprises
P.O. Box 5099
Oakland, CA 94605

Subject: Fuel Leak Case No. RO0000372 and Geotracker Global ID T0600101226,
Shell#129460, 15275 Washington Avenue, San Leandro, CA 94579

Dear Mr. Brown and Mr. Salel:

Alameda County Environmental Health (ACEH) staff has reviewed the fuel leak case file for the above-referenced site including the recently submitted work plans entitled, "*Soil Vapor Extraction Pilot Test Work Plan, Former Shell-Branded Service Station, 15275 Washington Avenue, San Leandro, California,*" dated January 27, 2009 and "*Groundwater Sampling Work Plan, Former Shell-Branded Service Station, 15275 Washington Avenue, San Leandro, California,*" dated January 27, 2009. Both work plans, which were prepared on Shell's behalf by Delta Environmental, were received on the ACEH ftp site on March 17, 2009. The "*Soil Vapor Extraction Pilot Test Work Plan,*" proposes the installation of two horizontal soil vapor extraction (SVE) wells for the purpose of conducting a SVE pilot test. We concur with the proposal to conduct a step test and extended test; however, we request some modifications to the pilot test as described in the technical comments below. Therefore, we request that you address the technical comments below and prepare a Revised SVE Pilot Test Work Plan.

The proposed groundwater sampling in the "*Groundwater Sampling Work Plan,*" may be implemented provided that technical comment 5 below is addressed during field implementation. Please see technical comment 5 below regarding the selected wells in which to implement both purge and no purge sampling.

We request that you address the following technical comments, perform the proposed work, and send us the reports described below.

TECHNICAL COMMENTS

- 1. Horizontal Well Locations.** In general, the highest concentrations of TPH as gasoline and benzene have been detected in soil vapor samples collected in the central and western portions of the site. Elevated concentrations of TPH as gasoline and benzene have also been detected in soil vapor off-site to the west. For the pilot test, two horizontal wells (ET-1 and ET-2) are proposed in the central portion of the site aligned parallel to the eastern edge of the former service station building. The former SVE system that operated on site from May 1998 to October 1999, also included horizontal piping for SVE (see attached Figures A-1 and C-1 from the "*Remediation System Design*," dated March 25, 1998) that apparently ran along the east, west, and south sides of the current building. The aboveground system was removed in 2002; however, we did not find documentation to indicate that the below ground piping was removed. Therefore, it is possible that the horizontal piping remains in place. The currently proposed location of ET-2 appears to be close to the location of the horizontal piping used for the previous SVE system. We request that you review the proposed locations of ET-1 and ET-2 in relation to the former system and propose revised locations as necessary. We recommend that ET-1 be moved further to the west, closer to the locations of 2008 soil vapor sampling locations P-21 and P-23 north of the current building. Please also review the proposed location of well ET-2. Specifically, please consider the proximity of ET-2 to the horizontal SVE piping from the former system and possible effects on SVE pilot test results. Please present revised locations for the horizontal wells as necessary in the Revised SVE Pilot Test Work Plan requested below.
- 2. Soil Vapor Analyses.** The SVE Work Plan currently proposes to analyze soil vapor samples for BTEX using EPA Method TO-15. Analysis for BTEX using EPA Method 8260 is acceptable and is expected to be more cost effective.
- 3. Observation Wells.** The SVE Work Plan proposes to use wells ET-2, S-1, S-3, S-16, and S-18 as observation wells. We request that you include monitoring of off-site wells S-9 and S19. Please include these revisions and other revisions to the monitoring as necessary based on modified extraction well locations requested in technical comment 1.
- 4. Additional Soil Vapor Samples.** As discussed during a recent meeting on March 12, 2009, we request that you review the site assessment data and propose additional soil vapor sampling as necessary. Please include these plans in the Revised SVE Pilot Test Work Plan requested below.
- 5. Proposed Wells for Purge and No Purge Sampling.** The proposal to conduct both purge and no purge sampling in selected wells to assure that representative samples are being collected is generally acceptable. However, we request that purge and no purge sampling be performed during the third quarter 2009 groundwater sampling event in wells S-3, S-5, S-9, and S-16. The Groundwater Sampling Work Plan proposes purge and no purge sampling for wells S-7, S-8, and S-9. We are not requesting purge and no purge sampling in wells S-7 and S-8 at this time. Please present the results of the purge and no purge sampling in the Semi-Annual Groundwater Monitoring Report – Third Quarter 2009 requested below.

TECHNICAL REPORT REQUEST

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

- **April 21, 2009** – Semi-Annual Groundwater Monitoring Report – First Quarter 2009
- **May 29, 2009** – Revised SVE Pilot Test Work Plan
- **October 31, 2009** – Semi-Annual Groundwater Monitoring Report – Third Quarter 2009

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.

Denis Brown
Frank Salel
RO0000088
March 31, 2009
Page 4

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

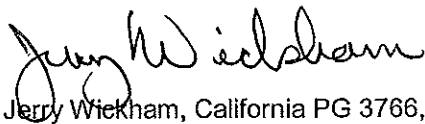
Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

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

Attachments: Figures A-1 and C-1 from "*Remediation System Design*," dated March 25, 1998

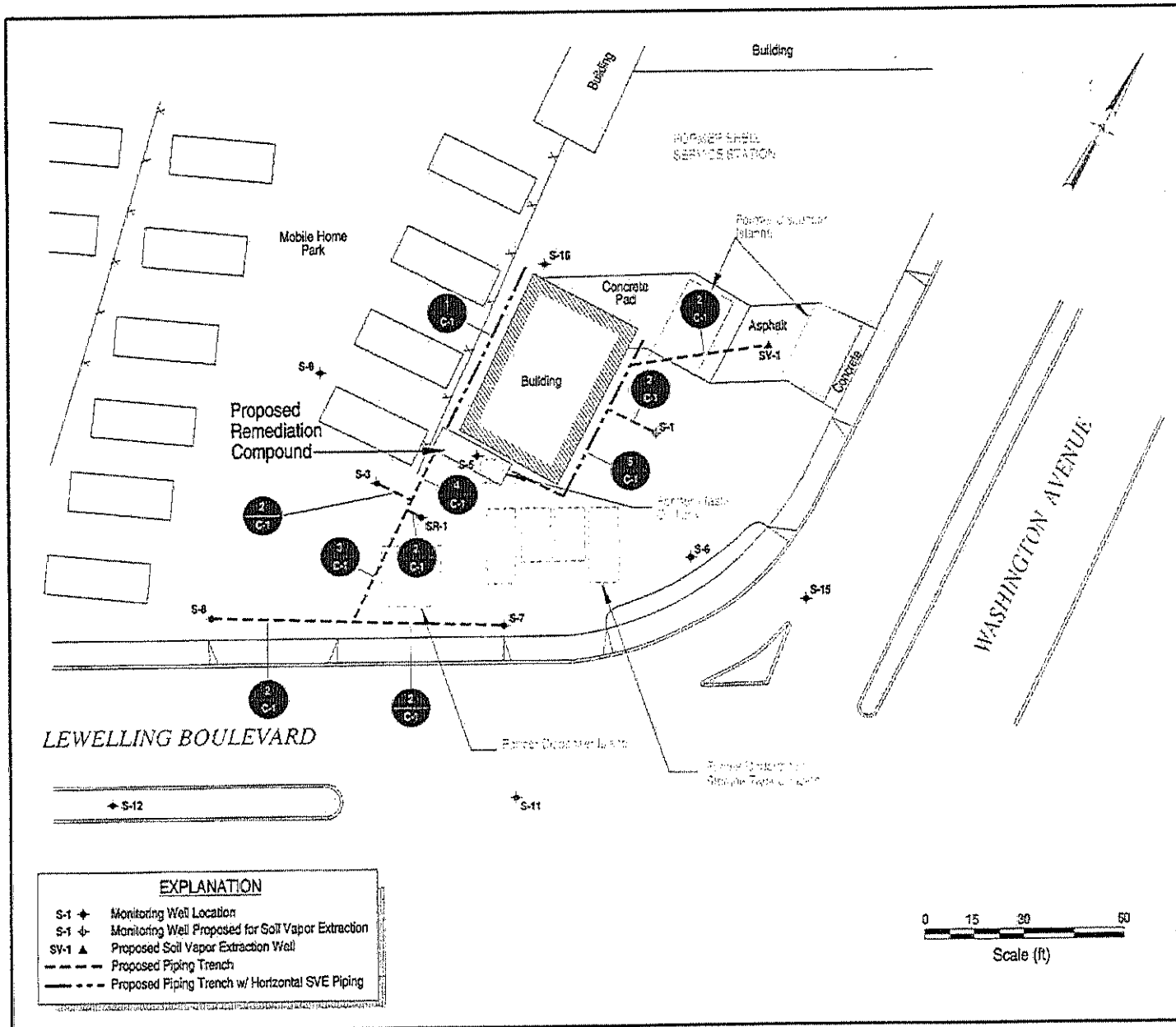
Enclosure: ACEH Electronic Report Upload (ftp) Instructions

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

Donna Drogos, ACEH
Jerry Wickham, ACEH
File

Former Shell Service Station
 15275 Washington Avenue
 San Leandro, California

Site Plan and System Layout



LEWELLING BOULEVARD

WASHINGTON AVENUE

EXPLANATION	
S-1 +	Monitoring Well Location
S-1 -	Monitoring Well Proposed for Soil Vapor Extraction
SY-1 ▲	Proposed Soil Vapor Extraction Well
---	Proposed Piping Trench
---	Proposed Piping Trench w/ Horizontal SVE Piping

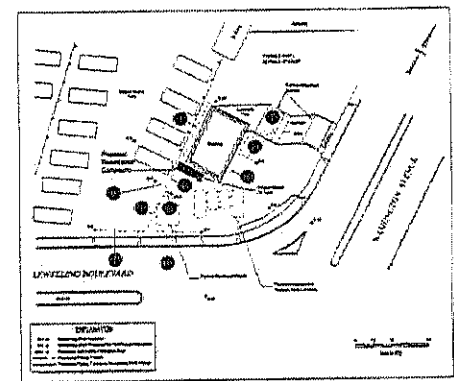


FIGURE A-1

Former Shell Service Station
 15275 Washington Avenue
 San Leandro, California

Trench Sections

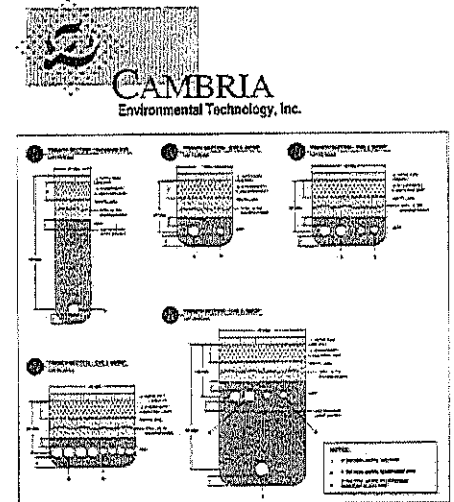
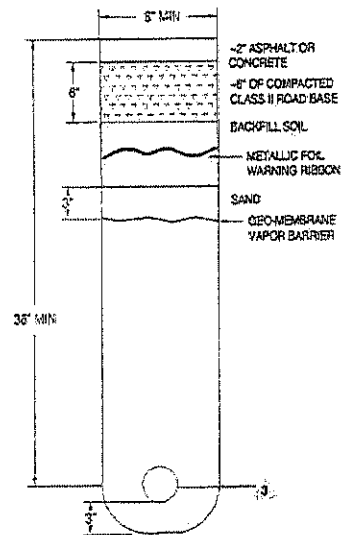
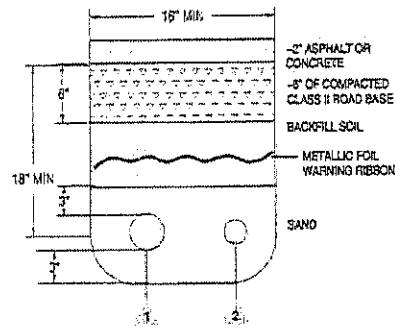


FIGURE C-1

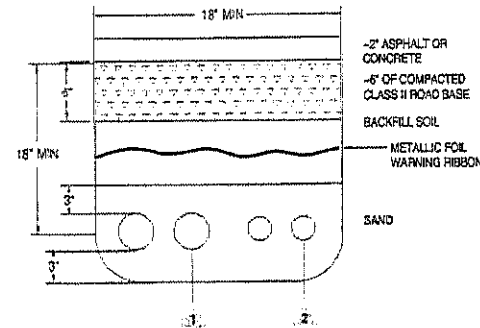
1
 C-1
TRENCH SECTION - Horizontal SVE
 NOT TO SCALE



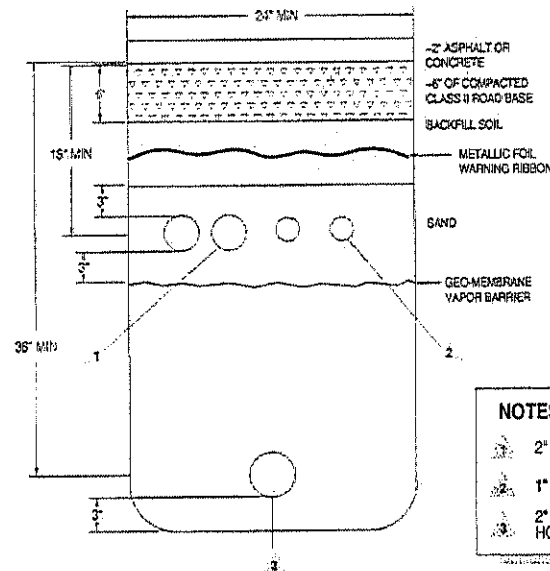
2
 C-1
TRENCH SECTION - SVE & BIOSP
 NOT TO SCALE



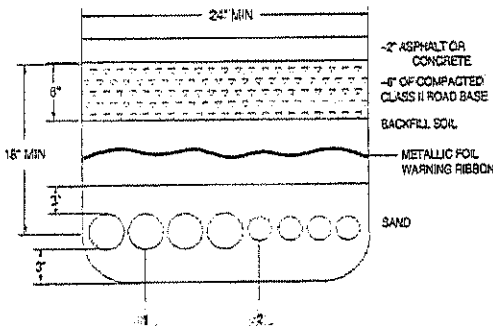
3
 C-1
TRENCH SECTION - SVE & BIOSP
 NOT TO SCALE



5
 C-1
TRENCH SECTION - SVE & BIOSP
 NOT TO SCALE



6
 C-1
TRENCH SECTION - SVE & BIOSP
 NOT TO SCALE



NOTES:
 1. 2" DIA SCH. 40 PVC SVE PIPE
 2. 1" DIA SCH. 80 PVC BIOSPARGE PIPE
 3. 2" DIA SCH. 40 PVC SLOTTED .020 HORIZONTAL SVE PIPE

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 15275 WASHINGTON AVE Date 1/8/09

Job Number 090108-JP1 Technician JP 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					X		2/4 BOLTS MISSING
S-3		X					X		4/4 BOLTS MISSING
S-5		X					X		2/4 BOLTS MISSING
S-7		X					X		2/4 BOLTS MISSING
S-8	X	X							
S-9	X	X							
S-10	X	X							
S-13							X		CHRISY -BOX
S-16	X	X			X				
S-17	X	X							
S-18	X	X		X					
S-19	X	X	X						

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

Notes: _____

WELL GAUGING DATA

Project # 090108-JPI Date 1/8/09 Client SHELL

Site 15275 WASHINGTON AVE

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 <u>TOC</u>	Notes
S-1	1135	3					7.28	19.69	↓	
S-3	1200	3					6.87	20.92		
S-5	1115	3.4					7.21	17.99		
S-7	1255	3					7.12	23.79		
S-8	1215	4.3					6.62	23.92		
S-9	1240	3					6.73	17.59		
S-10	1025	3					6.61	17.71		
S-13	1420	3					6.71	23.21		
S-16	1055	3					7.16	23.33		
S-17	0940	4.3					6.56	23.77		
S-18	1000	3					6.98	17.61		
S-19	0925	2					6.18	20.19		

SHELL WELL MONITORING DATA SHEET

BTS #: <u>090108-JPI</u>	Site: <u>15275 WASHINGTON AVE</u>
Sampler: <u>JP</u>	Date: <u>1/8/09</u>
Well I.D.: <u>S-1</u>	Well Diameter: 2 <u>(3)</u> 4 6 8 _____
Total Well Depth (TD): <u>19.69</u>	Depth to Water (DTW): <u>7.28</u>
Depth to Free Product: <u>—</u>	Thickness of Free Product (feet): <u>—</u>
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>—</u>	

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

_____ (Gals.) X _____	= _____ Gals.
I 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 μ S)	Turbidity (NTUs)	Gals. Removed	Observations
1145	64.5	7.20	392.5	7	—	
* N/P @ 4' DTW: 7.28 *						

Did well dewater? Yes No Gallons actually evacuated: —

Sampling Date: 1/8/09 Sampling Time: 1145 Depth to Water: 7.28

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

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

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: <u>—</u> mg/L	Post-purge: <u>—</u> mg/L
O.R.P. (if req'd):	Pre-purge: <u>—</u> mV	Post-purge: <u>—</u> mV

SHELL WELL MONITORING DATA SHEET

BTS #: <u>090108-JP1</u>	Site: <u>15275 WASHINGTON AVE</u>
Sampler: <u>JP</u>	Date: <u>1/8/09</u>
Well I.D.: <u>S-3</u>	Well Diameter: 2 (3) 4 6 8 _____
Total Well Depth (TD): <u>20.92</u>	Depth to Water (DTW): <u>6.87</u>
Depth to Free Product: <u>—</u>	Thickness of Free Product (feet): <u>—</u>
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>—</u>	

Purge Method: ~~Bailer~~ ~~Disposable Bailer~~ ~~Positive Air Displacement~~ ~~Electric Submersible~~ ~~Water~~ ~~Peristaltic~~ ~~Extraction Pump~~ Other _____

Sampling Method: Bailer Disposable Bailer Extraction Port Dedicated Tubing

<u>—</u> (Gals.) X <u>—</u> = <u>—</u> Gals. I Case Volume Specified Volumes Calculated Volume	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius² * 0.163</td> </tr> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius ² * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius ² * 0.163														

Time	Temp (°F)	pH	Cond. (mS or μ S)	Turbidity (NTUs)	Gals. Removed	Observations
<u>1205</u>	<u>63.4</u>	<u>6.60</u>	<u>1381</u>	<u>37</u>	<u>—</u>	
<u>* N/P @ 4' DTW: 6.87 *</u>						

Did well dewater? Yes No Gallons actually evacuated: —

Sampling Date: 1/8/09 Sampling Time: 1205 Depth to Water: 6.87

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

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

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:	<u>—</u> mg/L	Post-purge:	<u>—</u> mg/L
O.R.P. (if req'd):	Pre-purge:	<u>—</u> mV	Post-purge:	<u>—</u> mV

SHELL WELL MONITORING DATA SHEET

BTS #: 090108-JP1	Site: 15275 WASHINGTON AVE
Sampler: JP	Date: 1/8/09
Well I.D.: S-5	Well Diameter: 2 3 (4) 6 8
Total Well Depth (TD): 17.99	Depth to Water (DTW): 7.21
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: —	

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

Other: _____

_____ (Gals.) X _____ = _____ Gals. I Case Volume Specified Volumes Calculated Volume	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius² * 0.163</td> </tr> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius ² * 0.163
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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
1120	65.4	6.98	1151	5	—	
	* N/P @ 3.5'		DTW: 7.21*			

Did well dewater? Yes No Gallons actually evacuated: —

Sampling Date: 1/8/09 Sampling Time: 1120 Depth to Water: 7.21

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

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: <u>090108-JPI</u>	Site: <u>15275 WASHINGTON AVE</u>
Sampler: <u>JP</u>	Date: <u>1/8/09</u>
Well I.D.: <u>S-7</u>	Well Diameter: 2 <u>3</u> 4 6 8 _____
Total Well Depth (TD): <u>23.79</u>	Depth to Water (DTW): <u>7.12</u>
Depth to Free Product: <u>—</u>	Thickness of Free Product (feet): <u>—</u>
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>—</u>	

Purge Method: Bailer Disposable Bailer Positive Air Displacement Electric Submersible

Water Peristaltic Extraction Pump Other

Sampling Method: Bailer Disposable Bailer Extraction Port Dedicated Tubing

Other: _____

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

Time	Temp (°F)	pH	Cond. (mS or μ S)	Turbidity (NTUs)	Gals. Removed	Observations
<u>1300</u>	<u>63.5</u>	<u>6.89</u>	<u>1137</u>	<u>93</u>	<u>—</u>	
<u>*</u>	<u>N/P @</u>	<u>4'</u>	<u>DTW: 7.12*</u>			

Did well dewater? Yes No Gallons actually evacuated: —

Sampling Date: 1/8/09 Sampling Time: 1300 Depth to Water: 7.12

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

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

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: <u>—</u> mg/L	Post-purge: <u>—</u> mg/L
O.R.P. (if req'd):	Pre-purge: <u>—</u> mV	Post-purge: <u>—</u> mV

SHELL WELL MONITORING DATA SHEET

BTS #: 090108-JPI	Site: 15275 WASHINGTON AVE
Sampler: JP	Date: 1/8/09
Well I.D.: S-8	Well Diameter: 2 ③ 4 6 8 _____
Total Well Depth (TD): 23.92	Depth to Water (DTW): 6.62
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: —	

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

Other: _____

_____ (Gals.) X _____ = _____ Gals.	
1 Case Volume Specified Volumes Calculated Volume	

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

Time	Temp (°F)	pH	Cond. (mS or μ S)	Turbidity (NTUs)	Gals. Removed	Observations
1225	67.3	6.80	932.1	7	—	
N/P @ 4' DTW: 6.62'						

Did well dewater? Yes No Gallons actually evacuated: —

Sampling Date: 1/8/09 Sampling Time: 1225 Depth to Water: 6.62

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

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: <u>090108-JPI</u>	Site: <u>15275 WASHINGTON AVE</u>
Sampler: <u>JP</u>	Date: <u>1/8/09</u>
Well I.D.: <u>S-9</u>	Well Diameter: 2 <u>5</u> 4 6 8 _____
Total Well Depth (TD): <u>17.59</u>	Depth to Water (DTW): <u>6.73</u>
Depth to Free Product: <u>—</u>	Thickness of Free Product (feet): <u>—</u>
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>—</u>	

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

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

Time	Temp (°F)	pH	Cond. (mS or μ S)	Turbidity (NTUs)	Gals. Removed	Observations
1245	65.8	6.73	976.6	5	—	
	* N/P @ 4'		DTW: 6.73 *			

Did well dewater? Yes No Gallons actually evacuated: —

Sampling Date: 1/8/09 Sampling Time: 1245 Depth to Water: 6.73

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

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

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:	<u>—</u> mg/L	Post-purge:	<u>—</u> mg/L
O.R.P. (if req'd):	Pre-purge:	<u>—</u> mV	Post-purge:	<u>—</u> mV

SHELL WELL MONITORING DATA SHEET

BTS #: <u>090108-JPI</u>	Site: <u>15275 WASHINGTON AVE</u>
Sampler: <u>JP</u>	Date: <u>1/8/09</u>
Well I.D.: <u>S-10</u>	Well Diameter: 2 <u>③</u> 4 6 8 <u> </u>
Total Well Depth (TD): <u>17.71</u>	Depth to Water (DTW): <u>6.61</u>
Depth to Free Product: <u>—</u>	Thickness of Free Product (feet): <u>—</u>
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>—</u>	

Purge Method: ~~Bailer~~ ~~Disposabe Bailer~~ ~~Positive Air Displacement~~ ~~Electric Submersible~~ ~~Wattera~~ ~~Peristaltic~~ ~~Extraction Pump~~ Other:

Sampling Method: ~~Bailer~~ ~~Disposabe Bailer~~ ~~Extraction Port~~ ~~Dedicated Tubing~~ Other:

<u> </u> (Gals.) X <u> </u> = <u> </u> Gals. I Case Volume Specified Volumes Calculated Volume	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius² * 0.163</td> </tr> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius ² * 0.163
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1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius ² * 0.163														

Time	Temp (°F)	pH	Cond. (mS or μ S)	Turbidity (NTUs)	Gals. Removed	Observations
1035	64.7	7.28	886.2	18	—	
* N/P @ 4' DTW: 6.61' *						

Did well dewater? Yes No Gallons actually evacuated:

Sampling Date: 1/8/09 Sampling Time: 1035 Depth to Water: 6.61

Sample I.D.: S-10 Laboratory: STL Other: CALSCIENCE

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

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 #: 090108-JP1	Site: 15275 WASHINGTON AVE
Sampler: JP	Date: 1/8/09
Well I.D.: S-13	Well Diameter: 2 (3) 4 6 8
Total Well Depth (TD): 23.21	Depth to Water (DTW): 6.71
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: —	

Purge Method: Bailer Disposable Bailer Positive Air Displacement Electric Submersible Other _____

Waferra Peristaltic Extraction Pump Other _____

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

_____ (Gals.) X _____ = _____ Gals. 1 Case Volume Specified Volumes Calculated Volume	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius² * 0.163</td> </tr> </tbody> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius ² * 0.163
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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
1425	64.0	7.28	984.6	13	—	
* NP @ 4' DTW: 6.71 *						

Did well dewater? Yes No Gallons actually evacuated: —

Sampling Date: 1/8/09 Sampling Time: 1425 Depth to Water: 6.71

Sample I.D.: S-13 Laboratory: STL Other: CALSCIENCE

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: <u>090108-JPI</u>	Site: <u>15275 WASHINGTON AVE</u>
Sampler: <u>JP</u>	Date: <u>1/8/09</u>
Well I.D.: <u>S-16</u>	Well Diameter: 2 (3) 4 6 8 _____
Total Well Depth (TD): <u>23.33</u>	Depth to Water (DTW): <u>7.16</u>
Depth to Free Product: <u>—</u>	Thickness of Free Product (feet): <u>—</u>
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>—</u>	

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

Other: _____

_____ (Gals.) X _____ = _____ Gals. 1 Case Volume Specified Volumes Calculated Volume	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius² * 0.163</td> </tr> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius ² * 0.163
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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
1105	63.4	6.95	1569	12	—	
* N/P @ 4' DTW: 7.16 *						

Did well dewater? Yes No Gallons actually evacuated: —

Sampling Date: 1/8/09 Sampling Time: 1105 Depth to Water: 7.16

Sample I.D.: S-16 Laboratory: STL Other: CA/SCIENCE

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

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: <u>—</u> mg/L	Post-purge: <u>—</u> mg/L
O.R.P. (if req'd):	Pre-purge: <u>—</u> mV	Post-purge: <u>—</u> mV

SHELL WELL MONITORING DATA SHEET

BTS #: 090108-JPI	Site: 15275 WASHINGTON AVE
Sampler: JP	Date: 1/8/09
Well I.D.: S-17	Well Diameter: 2 (3) 4 6 8
Total Well Depth (TD): 23.77	Depth to Water (DTW): 6.56
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: PVC Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: —	

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

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

_____ (Gals.) X _____ = _____ Gals. 1 Case Volume Specified Volumes Calculated Volume	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius² * 0.163</td> </tr> </tbody> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius ² * 0.163
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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
0950	65.7	7.12	1146	26	—	
* N/P @ 4' DTW: 6.56 *						

Did well dewater? Yes No Gallons actually evacuated: _____

Sampling Date: 1/8/09 Sampling Time: 0950 Depth to Water: 6.56

Sample I.D.: S-17 Laboratory: STL Other: CALSCIENCE

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: <u>090108-JPI</u>	Site: <u>15275 WASHINGTON AVE</u>
Sampler: <u>JP</u>	Date: <u>1/8/09</u>
Well I.D.: <u>S-18</u>	Well Diameter: 2 <u>③</u> 4 6 8 _____
Total Well Depth (TD): <u>17.61</u>	Depth to Water (DTW): <u>6.98</u>
Depth to Free Product: <u>—</u>	Thickness of Free Product (feet): <u>—</u>
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>—</u>	

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

Other: _____

<u>—</u> (Gals.) X <u>—</u> = <u>—</u> Gals. I Case Volume Specified Volumes Calculated Volume	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius² * 0.163</td> </tr> </tbody> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius ² * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius ² * 0.163														

Time	Temp (°F)	pH	Cond. (mS or μ S)	Turbidity (NTUs)	Gals. Removed	Observations
1010	60.9	7.02	1335	5	—	
* N/P @ 4'			DTW: 6.98*			

Did well dewater? Yes No Gallons actually evacuated: —

Sampling Date: 1/8/09 Sampling Time: 1010 Depth to Water: 6.98

Sample I.D.: S-18 Laboratory: STL Other: CA/SCIENCE

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

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:	<u>—</u> mg/L	Post-purge:	<u>—</u> mg/L
O.R.P. (if req'd):	Pre-purge:	<u>—</u> mV	Post-purge:	<u>—</u> mV

SHELL WELL MONITORING DATA SHEET

BTS #: <u>090108-JPI</u>	Site: <u>15275 WASHINGTON AVE</u>
Sampler: <u>JP</u>	Date: <u>1/8/09</u>
Well I.D.: <u>S-19</u>	Well Diameter: <u>2</u> 3 4 6 8 _____
Total Well Depth (TD): <u>20.19</u>	Depth to Water (DTW): <u>6.18</u>
Depth to Free Product: <u>—</u>	Thickness of Free Product (feet): <u>—</u>
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>—</u>	

Purge Method: ~~Bailer~~ ~~Disposable Bailer~~ ~~Positive Air Displacement~~ ~~Electric Submersible~~ ~~Water~~ ~~Peristaltic~~ ~~Extraction Pump~~ Other _____

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

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

Time	Temp (°F)	pH	Cond. (mS or <u>μS</u>)	Turbidity (NTUs)	Gals. Removed	Observations
<u>0930</u>	<u>64.9</u>	<u>7.32</u>	<u>1296</u>	<u>62</u>	<u>—</u>	
	<u>* NP @ 4'</u>		<u>DTW: 6.18 *</u>			

Did well dewater? Yes No Gallons actually evacuated: _____

Sampling Date: 1/8/09 Sampling Time: 0930 Depth to Water: 6.18

Sample I.D.: S-19 Laboratory: STL Other CALSCIENCE

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

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:	<u>—</u> mg/L	Post-purge:	<u>—</u> mg/L
O.R.P. (if req'd):	Pre-purge:	<u>—</u> mV	Post-purge:	<u>—</u> mV

APPENDIX C

**BLAINE TECH SERVICES, INC.
FIELD PROCEDURES**

BLAINE

TECH SERVICES INC.

GROUNDWATER SAMPLING SPECIALISTS
SINCE 1985

January 29, 2009

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

First Quarter 2009 Groundwater Monitoring at
Former Shell Service Station
15275 Washington Boulevard
San Leandro, CA

Monitoring performed on January 8, 2009

Groundwater Monitoring Report **090108-JP-1**

This report covers the routine monitoring of groundwater wells at this former Shell 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. Purge water (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 dewateres and does not immediately recharge.

MEASURING RECHARGE

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

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

PURGEWATER CONTAINMENT

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

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

SAMPLE COLLECTION DEVICES

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

SAMPLE CONTAINERS

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

TRIP BLANKS

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

DUPLICATES

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

SAMPLE STORAGE

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

DOCUMENTATION CONVENTIONS

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

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

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

DECONTAMINATION

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

The primary decontamination device is a commercial steam cleaner. The steam cleaner is de-tuned to function as a hot pressure washer that is then operated with high quality deionized water that is produced at our facility and stored onboard our sampling vehicle. Cleaning is facilitated by the use of proprietary fixtures and devices included in the patented workstation (U.S. Patent 5,535,775) that is incorporated in each sampling vehicle. The steam cleaner is used to decon reels, pumps and bailers.

Any sensitive equipment or parts (i.e. Dissolved Oxygen sensor membrane, water level indicator, etc.) that cannot be washed using the high pressure water, will be sprayed with a non-phosphate soap and deionized water solution and rinsed with deionized water.

DISSOLVED OXYGEN READINGS

Dissolved Oxygen readings are taken pre- and/or post-purge using YSI meters (e.g. YSI Model 54, 58 or 95) or HACH field test kits.

The YSI meters are equipped with a stirring device that enables them to collect accurate in-situ readings. The probe/stirring devices are modified to allow downhole measurements to be taken from wells with diameters as small as two inches. The probe and reel is decontaminated between wells as described above. The meter is calibrated between wells as per the instructions in the operating manual. The probe and stirrer is lowered into the water column. The reading is allowed to stabilize prior to collection.

OXYIDATON REDUCTION POTENTIAL READINGS

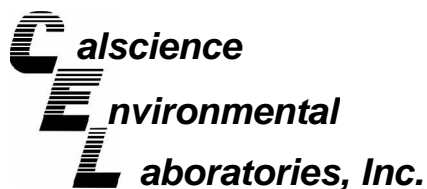
All readings are obtained with either Corning or Myron-L meters (e.g. Corning ORP-65 or a Myron-L Ultrameter GP). The meter is cleaned between wells as described above. The meter is calibrated at the start of each day according to the instruction manual.

FERROUS IRON MEASUREMENTS

All field measurements are collected at time of sampling with a HACH test kit.

APPENDIX D

**CERTIFIED LABORATORY REPORT
WITH CHAIN-OF-CUSTODY DOCUMENTATION**



January 26, 2009

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

Subject: **Calscience Work Order No.: 09-01-0871**
Client Reference: 15275 Washington, San Leandro, CA

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 1/13/2009 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,

A handwritten signature in cursive script that reads 'Philip Samelle for'.

Calscience Environmental
Laboratories, Inc.
Jessie Kim
Project Manager

Analytical Report



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

Date Received: 01/13/09
 Work Order No: 09-01-0871
 Preparation: EPA 5030B
 Method: LUFT GC/MS / EPA 8260B
 Units: ug/L

Project: 15275 Washington, San Leandro, CA

Page 1 of 5

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-1	09-01-0871-1-A	01/08/09 11:45	Aqueous	GC/MS OO	01/17/09	01/18/09 01:38	090117L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	0.57	0.50	1		Xylenes (total)	ND	1.0	1	
Ethylbenzene	ND	1.0	1		TPPH	ND	50	1	
Toluene	ND	1.0	1						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
Dibromofluoromethane	107	74-140			1,2-Dichloroethane-d4	112	74-146		
Toluene-d8	101	88-112			Toluene-d8-TPPH	101	88-112		
1,4-Bromofluorobenzene	93	74-110							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-3	09-01-0871-2-A	01/08/09 12:05	Aqueous	GC/MS OO	01/17/09	01/18/09 02:03	090117L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Xylenes (total)	ND	1.0	1	
Ethylbenzene	ND	1.0	1		TPPH	260	50	1	
Toluene	ND	1.0	1						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
Dibromofluoromethane	104	74-140			1,2-Dichloroethane-d4	112	74-146		
Toluene-d8	101	88-112			Toluene-d8-TPPH	101	88-112		
1,4-Bromofluorobenzene	98	74-110							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-5	09-01-0871-3-A	01/08/09 11:20	Aqueous	GC/MS OO	01/17/09	01/18/09 06:42	090117L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Xylenes (total)	ND	1.0	1	
Ethylbenzene	ND	1.0	1		TPPH	ND	50	1	
Toluene	ND	1.0	1						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
Dibromofluoromethane	106	74-140			1,2-Dichloroethane-d4	118	74-146		
Toluene-d8	100	88-112			Toluene-d8-TPPH	100	88-112		
1,4-Bromofluorobenzene	95	74-110							

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

Analytical Report



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

Date Received: 01/13/09
 Work Order No: 09-01-0871
 Preparation: EPA 5030B
 Method: LUFT GC/MS / EPA 8260B
 Units: ug/L

Project: 15275 Washington, San Leandro, CA

Page 2 of 5

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-7	09-01-0871-4-A	01/08/09 13:00	Aqueous	GC/MS OO	01/17/09	01/18/09 08:23	090117L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Xylenes (total)	ND	1.0	1	
Ethylbenzene	ND	1.0	1		TPPH	210	50	1	
Toluene	ND	1.0	1						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
Dibromofluoromethane	105	74-140			1,2-Dichloroethane-d4	115	74-146		
Toluene-d8	100	88-112			Toluene-d8-TPPH	102	88-112		
1,4-Bromofluorobenzene	98	74-110							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-8	09-01-0871-5-A	01/08/09 12:25	Aqueous	GC/MS OO	01/17/09	01/18/09 08:49	090117L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Xylenes (total)	ND	1.0	1	
Ethylbenzene	ND	1.0	1		TPPH	ND	50	1	
Toluene	ND	1.0	1						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
Dibromofluoromethane	105	74-140			1,2-Dichloroethane-d4	114	74-146		
Toluene-d8	101	88-112			Toluene-d8-TPPH	102	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-9	09-01-0871-6-A	01/08/09 12:45	Aqueous	GC/MS OO	01/17/09	01/18/09 09:14	090117L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	40	0.50	1		Xylenes (total)	1.9	1.0	1	
Ethylbenzene	29	1.0	1		TPPH	9200	500	10	
Toluene	2.4	1.0	1						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
Dibromofluoromethane	103	74-140			1,2-Dichloroethane-d4	108	74-146		
Toluene-d8	106	88-112			Toluene-d8-TPPH	108	88-112		
1,4-Bromofluorobenzene	107	74-110							

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

Analytical Report



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

Date Received: 01/13/09
 Work Order No: 09-01-0871
 Preparation: EPA 5030B
 Method: LUFT GC/MS / EPA 8260B
 Units: ug/L

Project: 15275 Washington, San Leandro, CA

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-10	09-01-0871-7-A	01/08/09 10:35	Aqueous	GC/MS OO	01/17/09	01/18/09 09:40	090117L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Xylenes (total)	ND	1.0	1	
Ethylbenzene	ND	1.0	1		TPPH	120	50	1	
Toluene	ND	1.0	1						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
Dibromofluoromethane	103	74-140			1,2-Dichloroethane-d4	111	74-146		
Toluene-d8	101	88-112			Toluene-d8-TPPH	101	88-112		
1,4-Bromofluorobenzene	98	74-110							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-13	09-01-0871-8-A	01/08/09 14:25	Aqueous	GC/MS OO	01/17/09	01/18/09 10:06	090117L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Xylenes (total)	ND	1.0	1	
Ethylbenzene	ND	1.0	1		TPPH	ND	50	1	
Toluene	ND	1.0	1						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
Dibromofluoromethane	108	74-140			1,2-Dichloroethane-d4	116	74-146		
Toluene-d8	100	88-112			Toluene-d8-TPPH	100	88-112		
1,4-Bromofluorobenzene	95	74-110							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-16	09-01-0871-9-A	01/08/09 11:05	Aqueous	GC/MS OO	01/17/09	01/18/09 10:32	090117L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Xylenes (total)	ND	1.0	1	
Ethylbenzene	ND	1.0	1		TPPH	ND	50	1	
Toluene	ND	1.0	1						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
Dibromofluoromethane	108	74-140			1,2-Dichloroethane-d4	114	74-146		
Toluene-d8	99	88-112			Toluene-d8-TPPH	100	88-112		
1,4-Bromofluorobenzene	96	74-110							

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

Analytical Report



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

Date Received: 01/13/09
 Work Order No: 09-01-0871
 Preparation: EPA 5030B
 Method: LUFT GC/MS / EPA 8260B
 Units: ug/L

Project: 15275 Washington, San Leandro, CA

Page 4 of 5

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-17	09-01-0871-10-A	01/08/09 09:50	Aqueous	GC/MS OO	01/17/09	01/18/09 10:58	090117L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Xylenes (total)	ND	1.0	1	
Ethylbenzene	ND	1.0	1		TPPH	ND	50	1	
Toluene	ND	1.0	1						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
Dibromofluoromethane	109	74-140			1,2-Dichloroethane-d4	120	74-146		
Toluene-d8	100	88-112			Toluene-d8-TPPH	100	88-112		
1,4-Bromofluorobenzene	95	74-110							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-18	09-01-0871-11-C	01/08/09 10:10	Aqueous	GC/MS OO	01/22/09	01/22/09 21:04	090122L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Xylenes (total)	ND	1.0	1	
Ethylbenzene	ND	1.0	1		TPPH	ND	50	1	
Toluene	ND	1.0	1						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
Dibromofluoromethane	100	74-140			1,2-Dichloroethane-d4	99	74-146		
Toluene-d8	95	88-112			Toluene-d8-TPPH	100	88-112		
1,4-Bromofluorobenzene	86	74-110							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-19	09-01-0871-12-C	01/08/09 09:30	Aqueous	GC/MS OO	01/22/09	01/22/09 21:55	090122L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Xylenes (total)	ND	1.0	1	
Ethylbenzene	ND	1.0	1		TPPH	ND	50	1	
Toluene	ND	1.0	1						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
Dibromofluoromethane	102	74-140			1,2-Dichloroethane-d4	101	74-146		
Toluene-d8	95	88-112			Toluene-d8-TPPH	100	88-112		
1,4-Bromofluorobenzene	86	74-110							

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

Analytical Report



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

Date Received: 01/13/09
 Work Order No: 09-01-0871
 Preparation: EPA 5030B
 Method: LUFT GC/MS / EPA 8260B
 Units: ug/L

Project: 15275 Washington, San Leandro, CA

Page 5 of 5

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-12-767-886	N/A	Aqueous	GC/MS OO	01/17/09	01/17/09 17:53	090117L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Xylenes (total)	ND	1.0	1	
Ethylbenzene	ND	1.0	1		TPPH	ND	50	1	
Toluene	ND	1.0	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	106	74-140			1,2-Dichloroethane-d4	111	74-146		
Toluene-d8	100	88-112			Toluene-d8-TPPH	102	88-112		
1,4-Bromofluorobenzene	96	74-110							

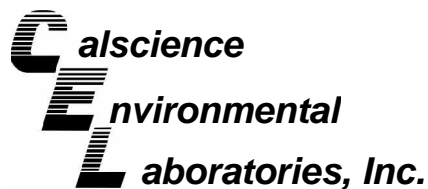
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-12-767-887	N/A	Aqueous	GC/MS OO	01/17/09	01/18/09 06:16	090117L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Xylenes (total)	ND	1.0	1	
Ethylbenzene	ND	1.0	1		TPPH	ND	50	1	
Toluene	ND	1.0	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	105	74-140			1,2-Dichloroethane-d4	112	74-146		
Toluene-d8	99	88-112			Toluene-d8-TPPH	101	88-112		
1,4-Bromofluorobenzene	97	74-110							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-12-767-907	N/A	Aqueous	GC/MS OO	01/22/09	01/22/09 19:21	090122L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Xylenes (total)	ND	1.0	1	
Ethylbenzene	ND	1.0	1		TPPH	ND	50	1	
Toluene	ND	1.0	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	100	74-140			1,2-Dichloroethane-d4	98	74-146		
Toluene-d8	95	88-112			Toluene-d8-TPPH	101	88-112		
1,4-Bromofluorobenzene	83	74-110							

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



Quality Control - Spike/Spike Duplicate



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

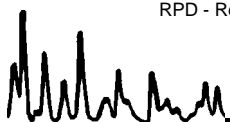
Date Received: 01/13/09
Work Order No: 09-01-0871
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA
8260B

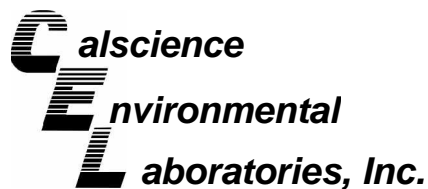
Project 15275 Washington, San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
09-01-0486-13	Aqueous	GC/MS OO	01/17/09	01/17/09	090117S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	91	90	88-118	1	0-7	
Carbon Tetrachloride	90	91	67-145	1	0-11	
Chlorobenzene	91	90	88-118	1	0-7	
1,2-Dibromoethane	101	97	70-130	4	0-30	
1,2-Dichlorobenzene	86	88	86-116	2	0-8	
1,1-Dichloroethene	91	89	70-130	2	0-25	
Ethylbenzene	89	88	70-130	1	0-30	
Toluene	91	91	87-123	1	0-8	
Trichloroethene	92	89	79-127	3	0-10	
Vinyl Chloride	70	71	69-129	1	0-13	
Methyl-t-Butyl Ether (MTBE)	107	106	71-131	1	0-13	
Tert-Butyl Alcohol (TBA)	109	98	36-168	11	0-45	
Diisopropyl Ether (DIPE)	88	96	81-123	3	0-9	
Ethyl-t-Butyl Ether (ETBE)	112	112	72-126	1	0-12	
Tert-Amyl-Methyl Ether (TAME)	107	107	72-126	0	0-12	
Ethanol	105	95	53-149	10	0-31	

RPD - Relative Percent Difference , CL - Control Limit





Quality Control - Spike/Spike Duplicate



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

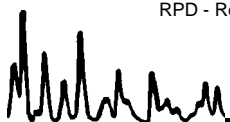
Date Received: 01/13/09
Work Order No: 09-01-0871
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA
8260B

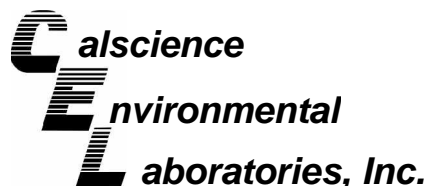
Project 15275 Washington, San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
S-5	Aqueous	GC/MS OO	01/17/09	01/18/09	090117S02

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	92	98	88-118	6	0-7	
Carbon Tetrachloride	96	103	67-145	7	0-11	
Chlorobenzene	96	101	88-118	5	0-7	
1,2-Dibromoethane	101	107	70-130	5	0-30	
1,2-Dichlorobenzene	89	99	86-116	10	0-8	4
1,1-Dichloroethene	92	98	70-130	6	0-25	
Ethylbenzene	94	100	70-130	6	0-30	
Toluene	95	101	87-123	5	0-8	
Trichloroethene	93	99	79-127	6	0-10	
Vinyl Chloride	61	73	69-129	18	0-13	3,4
Methyl-t-Butyl Ether (MTBE)	108	111	71-131	3	0-13	
Tert-Butyl Alcohol (TBA)	98	109	36-168	11	0-45	
Diisopropyl Ether (DIPE)	117	123	81-123	5	0-9	
Ethyl-t-Butyl Ether (ETBE)	116	123	72-126	5	0-12	
Tert-Amyl-Methyl Ether (TAME)	108	114	72-126	5	0-12	
Ethanol	97	98	53-149	2	0-31	

RPD - Relative Percent Difference , CL - Control Limit





Quality Control - Spike/Spike Duplicate



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

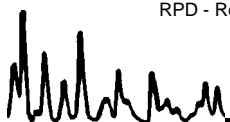
Date Received: 01/13/09
Work Order No: 09-01-0871
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA
8260B

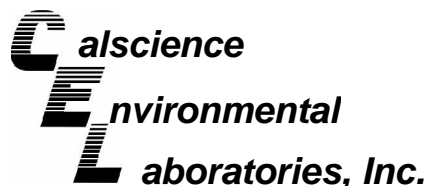
Project 15275 Washington, San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
S-18	Aqueous	GC/MS OO	01/22/09	01/22/09	090122S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	78	82	88-118	4	0-7	3
Carbon Tetrachloride	81	84	67-145	4	0-11	
Chlorobenzene	75	79	88-118	5	0-7	3
1,2-Dibromoethane	77	81	70-130	5	0-30	
1,2-Dichlorobenzene	76	84	86-116	9	0-8	3,4
1,1-Dichloroethene	78	82	70-130	5	0-25	
Ethylbenzene	73	76	70-130	5	0-30	
Toluene	78	82	87-123	5	0-8	3
Trichloroethene	81	83	79-127	2	0-10	
Vinyl Chloride	68	82	69-129	18	0-13	3,4
Methyl-t-Butyl Ether (MTBE)	84	88	71-131	5	0-13	
Tert-Butyl Alcohol (TBA)	90	92	36-168	2	0-45	
Diisopropyl Ether (DIPE)	80	85	81-123	6	0-9	3
Ethyl-t-Butyl Ether (ETBE)	79	83	72-126	5	0-12	
Tert-Amyl-Methyl Ether (TAME)	86	91	72-126	5	0-12	
Ethanol	91	94	53-149	4	0-31	

RPD - Relative Percent Difference , CL - Control Limit





Quality Control - LCS/LCS Duplicate



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

Date Received: N/A
Work Order No: 09-01-0871
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project: 15275 Washington, San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number		
099-12-767-886	Aqueous	GC/MS OO	01/17/09	01/17/09	090117L01		
Parameter	LCS %REC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	90	96	84-120	78-126	6	0-8	
Carbon Tetrachloride	94	97	63-147	49-161	4	0-10	
Chlorobenzene	93	98	89-119	84-124	6	0-7	
1,2-Dibromoethane	95	100	80-120	73-127	5	0-20	
1,2-Dichlorobenzene	90	97	89-119	84-124	8	0-9	
1,1-Dichloroethene	92	97	77-125	69-133	5	0-16	
Ethylbenzene	93	99	80-120	73-127	6	0-20	
Toluene	94	100	83-125	76-132	6	0-9	
Trichloroethene	94	100	89-119	84-124	7	0-8	
Vinyl Chloride	81	78	63-135	51-147	4	0-13	
Methyl-t-Butyl Ether (MTBE)	103	104	82-118	76-124	1	0-13	
Tert-Butyl Alcohol (TBA)	96	103	46-154	28-172	7	0-32	
Diisopropyl Ether (DIPE)	114	117	81-123	74-130	3	0-11	
Ethyl-t-Butyl Ether (ETBE)	112	114	74-122	66-130	2	0-12	
Tert-Amyl-Methyl Ether (TAME)	104	107	76-124	68-132	3	0-10	
Ethanol	98	100	60-138	47-151	2	0-32	
TPPH	95	102	65-135	53-147	7	0-30	

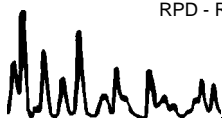
Total number of LCS compounds : 17

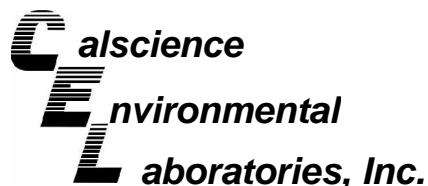
Total number of ME compounds : 0

Total number of ME compounds allowed : 1

LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit





Quality Control - LCS/LCS Duplicate



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

Date Received: N/A
Work Order No: 09-01-0871
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project: 15275 Washington, San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number		
099-12-767-887	Aqueous	GC/MS OO	01/17/09	01/18/09	090117L02		
<u>Parameter</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>%REC CL</u>	<u>ME CL</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Benzene	92	95	84-120	78-126	4	0-8	
Carbon Tetrachloride	94	96	63-147	49-161	3	0-10	
Chlorobenzene	94	97	89-119	84-124	2	0-7	
1,2-Dibromoethane	95	102	80-120	73-127	8	0-20	
1,2-Dichlorobenzene	91	91	89-119	84-124	0	0-9	
1,1-Dichloroethene	92	93	77-125	69-133	1	0-16	
Ethylbenzene	94	96	80-120	73-127	2	0-20	
Toluene	96	97	83-125	76-132	2	0-9	
Trichloroethene	95	100	89-119	84-124	5	0-8	
Vinyl Chloride	71	73	63-135	51-147	3	0-13	
Methyl-t-Butyl Ether (MTBE)	102	104	82-118	76-124	2	0-13	
Tert-Butyl Alcohol (TBA)	95	116	46-154	28-172	20	0-32	
Diisopropyl Ether (DIPE)	113	114	81-123	74-130	1	0-11	
Ethyl-t-Butyl Ether (ETBE)	111	111	74-122	66-130	0	0-12	
Tert-Amyl-Methyl Ether (TAME)	104	108	76-124	68-132	3	0-10	
Ethanol	91	110	60-138	47-151	19	0-32	
TPPH	104	110	65-135	53-147	5	0-30	

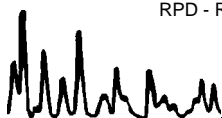
Total number of LCS compounds : 17

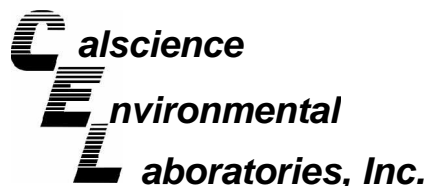
Total number of ME compounds : 0

Total number of ME compounds allowed : 1

LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit





Quality Control - LCS/LCS Duplicate



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

Date Received: N/A
Work Order No: 09-01-0871
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project: 15275 Washington, San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number		
099-12-767-907	Aqueous	GC/MS OO	01/22/09	01/22/09	090122L01		
Parameter	LCS %REC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	94	93	84-120	78-126	0	0-8	
Carbon Tetrachloride	99	98	63-147	49-161	2	0-10	
Chlorobenzene	91	91	89-119	84-124	0	0-7	
1,2-Dibromoethane	91	93	80-120	73-127	3	0-20	
1,2-Dichlorobenzene	92	94	89-119	84-124	2	0-9	
1,1-Dichloroethene	95	93	77-125	69-133	3	0-16	
Ethylbenzene	88	89	80-120	73-127	1	0-20	
Toluene	93	94	83-125	76-132	1	0-9	
Trichloroethene	101	99	89-119	84-124	2	0-8	
Vinyl Chloride	80	79	63-135	51-147	2	0-13	
Methyl-t-Butyl Ether (MTBE)	97	96	82-118	76-124	0	0-13	
Tert-Butyl Alcohol (TBA)	109	117	46-154	28-172	7	0-32	
Diisopropyl Ether (DIPE)	96	95	81-123	74-130	1	0-11	
Ethyl-t-Butyl Ether (ETBE)	92	92	74-122	66-130	0	0-12	
Tert-Amyl-Methyl Ether (TAME)	101	102	76-124	68-132	1	0-10	
Ethanol	116	113	60-138	47-151	3	0-32	
TPPH	106	112	65-135	53-147	5	0-30	

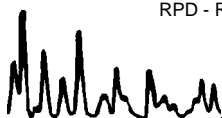
Total number of LCS compounds : 17

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



Work Order Number: 09-01-0871

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



LAB (LOCATION)

- CALSCIENCE ()
- SPL ()
- XENCO ()
- TEST AMERICA ()
- OTHER ()



Shell Oil Products Chain Of Custody Record

Please Check Appropriate Box:

<input checked="" type="checkbox"/> ENV. SERVICES	<input type="checkbox"/> MOTIVA RETAIL	<input type="checkbox"/> SHELL RETAIL
<input type="checkbox"/> MOTIVA SD&CM	<input type="checkbox"/> CONSULTANT	<input type="checkbox"/> LUBES
<input type="checkbox"/> SHELL PIPELINE	<input type="checkbox"/> OTHER _____	

Print Bill To Contact Name: Denis Brown

INCIDENT # (ENV SERVICES): 9 7 0 9 3 4 1 2

PO #: _____ **SAP #:** _____

DATE: 1/8/09 **PAGE:** 1 of 2

CHECK IF NO INCIDENT # APPLIES

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

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:

SITE ADDRESS: Street and City: 15275 Washington, San Leandro **State:** CA **GLOBAL ID NO:** T0600101226

EDF DELIVERABLE TO (Name, Company, Office Location): Jon Suing, Delta, Monrovia Office **PHONE NO:** 626.256.6662 **E-MAIL:** jsuing@deltaenv.com **CONSULTANT PROJECT NO:** BTS # 090108-JPI

SAMPLER NAME(S) (Print): J. PARKER **LAB USE ONLY:** 01-0871

SPECIAL INSTRUCTIONS OR NOTES :

CC Rich Garlow rgarlow@deltaenv.com with final report.

Run TPH-d w/Silica Gel Clean Up

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

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification		SAMPLING		MATRIX	PRESERVATIVE					NO. OF CONT.	REQUESTED ANALYSIS												TEMPERATURE ON RECEIPT °C	Container PID Readings or Laboratory Notes			
			DATE	TIME		HCL	HNO3	H2SO4	NONE	OTHER		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)		
1	S-1	1/8/09	1145	W	X																							
2	S-3		1205																									
3	S-5		1120																									
4	S-7		1300																									
5	S-8		1225																									
6	S-9		1245																									
7	S-10		1035																									
8	S-13		1425																									
9	S-16		1105																									
10	S-17		0950																									

Relinquished by: (Signature) <i>[Signature]</i>	Received by: (Signature) <i>[Signature]</i> (SAMPLE CUSTODIAN)	Date: 1/8/09	Time: 1605
Relinquished by: (Signature) <i>[Signature]</i> (Sample Custodian)	Received by: (Signature) <i>[Signature]</i> Tom Ormalley CTZ	Date: 1/12/09	Time: 1340
Relinquished by: (Signature) <i>[Signature]</i> Tom Ormalley TO 650 1/12/09 5110 63993	Received by: (Signature) <i>[Signature]</i>	Date: 1/13/09	Time: 1000

05/2/06 Revision

LAB (LOCATION)

- CALSCIENCE ()
- SPL ()
- XENCO ()
- TEST AMERICA ()
- OTHER ()



Shell Oil Products Chain Of Custody Record

Please Check Appropriate Box:

<input checked="" type="checkbox"/> ENV. SERVICES	<input type="checkbox"/> MOTIVA RETAIL	<input type="checkbox"/> SHELL RETAIL
<input type="checkbox"/> MOTIVA SD&CM	<input type="checkbox"/> CONSULTANT	<input type="checkbox"/> LUBES
<input type="checkbox"/> SHELL PIPELINE	<input type="checkbox"/> OTHER _____	

Print Bill To Contact Name:

INCIDENT # (ENV SERVICES)

CHECK IF NO INCIDENT # APPLIES

Denis Brown

9 7 0 9 3 4 1 2

DATE: 1/8/09

PO #

SAP #

PAGE: 2 of 2

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

SITE ADDRESS: Street and City: **15275 Washington, San Leandro** State: **CA** GLOBAL ID NO: **T0600101226**

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: **jsuling@deltaenv.com** CONSULTANT PROJECT NO: **090108-3P1**

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

SAMPLER NAME(S) (Print): **JIPARKER** LAB USE ONLY: **01-0871**

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

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

REQUESTED ANALYSIS

LA - RWQCB REPORT FORMAT UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES :

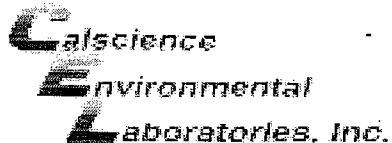
CC Rich Garlow rgarlow@deltaenv.com with final report.

Run TPH-d w/Silica Gel Clean Up

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

LAB USE ONLY	Field Sample Identification		SAMPLING		MATRIX	PRESERVATIVE					NO. OF CONT.	REQUESTED ANALYSIS										TEMPERATURE ON RECEIPT °C	Container PID Readings or Laboratory Notes						
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11	S-18	1/8/09	1010	W	X																								
12	S-19	↓	0930	↓	↓																								

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
<i>[Signature]</i>	<i>[Signature]</i> (SIMPLE CUSTODIAN)	1/8/09	1605
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
<i>[Signature]</i> (Sample Custodian)	Tom O'Malley CCL	1/12/09	1340
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Tom O'Malley TO GSO 11/12/09 1730	<i>[Signature]</i>	1/13/09	1000



WORK ORDER #: 09-01-0871

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: Blaine Tech

DATE: 01/13/09

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

Temperature 3.3°C - 0.2°C (CF) = 3.1°C [X] 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) [X] Not Present [] N/A

Initial: AP

[] Sample [] _____ [] No (Not Intact) [X] Not Present

Initial: RB

SAMPLE CONDITION:

Table with 4 columns: Description, Yes, No, N/A. Rows include 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 [X] VOAh [] VOAna2 [] 125AGB [] 125AGBh [] 125AGBpo4 [] 1AGB [] 1AGBna2 [] 1AGBs [] 500AGB [] 500AGBs [] 250CGB [] 250CGBs [] 1PB [] 500PB [] 500PBna [] 250PB [] 250PBn [] 125PB [] 125PBznnna [] 100PBsterile [] 100PBna2 [] _____ [] _____ [] _____

Air: [] Tedlar® [] Summa® [] _____

Checked/Labeled by: RB

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

Reviewed by: WSC

Preservative: h:HCL n:HNO3 na2:Na2S2O3 na:NaOH po4:H3PO4 s:H2SO4 znnna:ZnAc2+NaOH

Scanned by: RB