Brunsing Associates, Inc.

September 25, 2008 Project No. 236

Mr. Jeff Atkinson
L.C. Smith Trust
1825 South Grant Street, Suite 280
San Mateo, California, 94402-6962

April Groundwater Monitoring Report and
April 2008 Through June 2008 Remediation Status Report
1620 South Delaware Street
San Mateo, California

Dear Mr. Atkinson:

This report was prepared to document the results of groundwater monitoring and remediation activities performed by Brunsing Associates, Inc. (BAI) for the site located at 1620 South Delaware Street, San Mateo, California (Plates 1 and 2). The monitoring activities performed during this reporting period included measuring depths to groundwater, and collecting groundwater samples from selected groundwater wells and standpipes. The monitoring was conducted on April 21, 2008. This report also summaries the remediation activities performed from April through June 2008. A description of the site history is included in Appendix A.

The conclusions regarding this property are based on observations of existing conditions, and limited sampling and analytical work performed by BAI and its subcontractors during the time of the investigation, and may be subject to change. Tabulated analytical data and other data gathered during this and previous BAI investigations, and presented herein, are to the best of our knowledge complete and correct. This report has been presented in accordance with generally accepted environmental engineering principals and practices. No other warranty, either expressed or implied, is made.

GROUNDWATER MONITORING

Groundwater Measurements

The depths to groundwater were measured in wells MW-2, B-3, B-5, B-6, SPB, SPC, SPF, SPG, SVE-1, and EW-1 on April 21, 2008. A summary of groundwater elevation data and depths to water are presented in Table 1.

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The groundwater elevations are shown on Plate 3. The groundwater flow direction and gradient were not calculated due to insufficient data. Historically, the groundwater flow direction has been primarily towards the north.

Groundwater Sampling

On April 21, 2008, groundwater samples were collected from wells MW-2, B-3, B-4, B-5, and B-6, and standpipe SPC. The groundwater samples were collected in accordance with the sampling protocol presented in Appendix B. A summary of the groundwater analytical results is provided in Table 2, and well construction details are presented in Table 3. Copies of the groundwater sampling field forms and logs are provided in Appendix C.

The groundwater samples were analyzed by BACE Analytical and Field Services (BAFS) for total petroleum hydrocarbons (TPH) as gasoline using test method CATPH-G and for BTEX, petroleum oxygenates, and lead scavengers, using EPA Test Method 8260FAB.

TPH as gasoline was reported in groundwater samples collected from wells MW-2, B-4, B-5, B-6, and standpipe SPC at concentrations of 130 micrograms per liter (µg/l), 120 µg/l, 150 µg/l, 570 µg/l, and 340 µg/l, respectively. Benzene was reported in samples collected from well B-4, B-5, B-6, MW-2, and standpipe SPC at concentrations of 8.50 µg/l, 52.1 µg/l, 358 µg/l, 40.6 µg/l, and 146 µg/l, respectively. Concentrations of 1,2-dichloroethane (1,2-DCA) were reported in samples from wells B-3, B-5, B-6, standpipe SPC, and MW-2 at 4.50 µg/l, 18.6 µg/l, 21.7 µg/l, 5.75 µg/l, and 13.7 µg/l, respectively. Methyl tert-butyl ether (MTBE) was reported in wells MW-2, B-3, B-5, B-6, and standpipe SPC, at concentrations of 9.34 µg/l, 4.94 µg/l, 7.46 µg/l, 11.8 µg/l, and 5.42 µg/l, respectively. Ethylbenzene was reported in the sample from standpipe SPC at 8.23 µg/l. The groundwater analytical results are summarized in Table 2. The analytical report is provided in Appendix D.

Discussion

The distribution of TPH as gasoline, benzene, MTBE, 1,2-DCA, and tert-butyl alcohol (TBA) in groundwater for this reporting period is shown on Plate 4. The April 2008 TPH as gasoline, MTBE and 1,2-DCA concentrations increased compared to the previous sampling event in samples collected from wells B-4, B-4, B-6, and standpipe SPC. Benzene concentrations increased in the samples collected from wells B-5, B-6, and standpipe SPC, and decreased in the samples collected from wells B-3, B-5, and MW-2. The April 2008 ethylbenzene concentration in standpipe SPC decreased compared to the October 2007 concentration.

Groundwater monitoring is currently being performed on a quarterly basis. The next groundwater sampling event is tentatively scheduled for July 2008. The results of the next groundwater monitoring and remediation activities will be presented when the analytical data has been received and reviewed.

REMEDIATION STATUS

System Installation and History

In 1999 and 2000, the remediation system was installed. The treatment system compound is located at the west corner of the property (Plate 2) and is enclosed by a fence, with a locking gate. Underground piping connects the treatment compound to the DSP wells, SP wells, and well EW-1. The soil vapor extraction piping is 2-inches in diameter, and all other piping is 1-inch in diameter. A submersible pneumatic pump was installed in well EW-1, but has been replaced with a dual-phase extraction stinger.

The remediation system at the site was initially started on October 24, 2000 and was shut down on September 21, 2004. A summary of the field readings for system operations is presented in Table 4. In the "July 2004 Groundwater Monitoring Report and August through October 2004 Remediation Status Report", dated January 20, 2005, BAI recommended that the current system be turned on intermittently (one week per month) to allow for rebound of contaminant concentrations. The San Mateo County Environmental Health Division concurred with this recommendation in their letter dated March 22, 2005.

During the present reporting period, the system was not operated. To date, based on field readings, the system has removed 494.1 pounds of TPH as gasoline. A summary of the field readings for system operations is presented in Table 4.

System Operation During This Reporting Period

Because the influent water sample collected on November 15, 2005 did not contain petroleum hydrocarbons the system was shut down.

If you have any questions regarding this report, please contact us at (707) 838-3027.

Sincerely,

PROFESSIONAL GEOLOGIST
DAVID E. CONLEY
No. 4795
STATE OF CALIFORNIA

David E. Conley, P.G.
Senior Geologist

William H. H. Coset
Project Geologist

cc: San Mateo County Environmental Health (Geotracker only)

Attachments:

Table 1. Groundwater Elevation Data
Table 2. Groundwater Analytical Results
Table 3. Well Construction Details
Table 4. Remediation System Data and Petroleum Hydrocarbon Removal Estimate

Plate 1. Site Vicinity Map
Plate 2. Site Map
Plate 3. Groundwater Elevations, April 21, 2008
Plate 4. Concentrations in Groundwater, April 2008

Appendix A. Site History and Background
Appendix B. Monitoring Well Sampling Protocol
Appendix C. Groundwater Sampling Field Forms and Logs
Appendix D. Analytical Laboratory Report

TABLES

TABLE 1.
Groundwater Elevation Data
1620 South Delaware Street
San Mateo, California

Well/ Standpipe Number	Date Measured	Top of Casing Elevation	Depth to Groundwater (feet)	Groundwater Elevation	Predominant Flow Direction
B-1	6/20/1989	101.14	3.57	97.57	North
B-3	6/20/1989	102.15	5.52	96.63	
B-4	6/20/1989	100.9	4.39	96.51	
B-5	6/20/1989	100.65	4.12	96.53	
B-6	6/20/1989	101.29	4.67	96.62	
B-7	6/20/1989	101.0	4.21	96.79	
B-1	9/22/1989	101.14	4.70	96.44	North-Northwest
B-3	9/22/1989	102.15	6.51	95.64	
B-4	9/22/1989	100.9	5.27	95.63	
B-5	9/22/1989	100.65	5.00	95.65	
B-6	9/22/1989	101.29	5.99	95.30	
B-1	12/18/1989	101.14	4.48	96.66	North-Northeast
B-3	12/18/1989	102.15	6.75	95.40	
B-4	12/18/1989	100.9	5.55	95.35	
B-5	12/18/1989	100.65	5.27	95.38	
B-6	12/18/1989	101.29	5.77	95.52	
B-7	12/18/1989	101.0	5.10	95.90	
B-2/SPC	3/20/1996	101.25	3.53	97.72	North
B-3	3/20/1996	102.15	4.53	97.62	
B-4	3/20/1996	100.9	3.22	97.68	
B-5	3/20/1996	100.65	2.82	97.83	
B-6	3/20/1996	101.29	3.57	97.72	
B-7	3/20/1996	101.0	2.81	98.19	
SPF	3/20/1996	100.43	2.72	97.71	
SPC	6/21/1996	101.25	4.81	96.44	North-Northeast
B-3	6/21/1996	102.15	5.79	96.36	
B-4	6/21/1996	100.9	4.50	96.40	
B-5	6/21/1996	100.65	4.23	96.42	
B-6	6/21/1996	101.29	4.92	96.37	
B-7	6/21/1996	101.0	4.26	96.74	
SPF	6/21/1996	100.43	3.98	96.45	
B-1	9/24/1996	101.14	4.83	96.31	North
SPC	9/24/1996	101.25	5.55	95.70	
B-3	9/24/1996	102.15	6.57	95.58	
B-4	9/24/1996	100.9	5.33	95.57	
B-5	9/24/1996	100.65	5.13	95.52	
B-6	9/24/1996	101.29	5.71	95.58	
B-7	9/24/1996	101.0	5.47	95.53	
SPF	9/24/1996	100.43	4.73	95.70	

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Well/ Standpipe Number	Date Measured	Top of Casing Elevation	Depth to Groundwater (feet)	Groundwater Elevation	Predominant Flow Direction
SPC	12/12/1996	101.25	4.96	96.29	North-Northwest
B-3	12/12/1996	102.15	5.86	96.29	
B-4	12/12/1996	100.9	4.65	96.25	
B-5	12/12/1996	100.65	4.38	96.27	
B-6	12/12/1996	101.29	5.10	96.19	
B-7	12/12/1996	101.0	4.26	96.74	
SPF	12/12/1996	100.43	4.13	96.30	
SPC	4/21/1997	101.25	5.00	96.25	North
B-3	4/21/1997	102.15	6.16	95.99	
B-4	4/21/1997	100.9	4.66	96.24	
B-5	4/21/1997	100.65	4.39	96.26	
B-6	4/21/1997	101.29	5.09	96.20	
B-7	4/21/1997	101.0	4.61	96.39	
SPF	4/21/1997	100.43	4.18	96.25	
SPC	7/11/1997	101.25	5.49	95.76	North-Northeast
B-3	7/11/1997	102.15	6.74	95.41	
B-4	7/11/1997	100.9	5.18	95.72	
B-5	7/11/1997	100.65	4.91	95.74	
B-6	7/11/1997	101.29	5.60	95.69	
B-7	7/11/1997	101.0	5.24	95.76	
SPF	7/11/1997	100.43	4.67	95.76	
B-1	10/30/1997	101.14	5.32	95.82	North
SPC	10/30/1997	101.25	6.14	95.11	
B-3	10/30/1997	102.15	7.32	94.83	
B-4	10/30/1997	100.9	5.90	95.00	
B-5	10/30/1997	100.65	5.70	94.95	
B-6	10/30/1997	101.29	6.31	94.98	
B-7	10/30/1997	101.0	5.88	95.12	
SPF	10/30/1997	100.43	5.35	95.08	
SPC	5/5/1998	101.25	3.99	97.26	North-Northwest
B-3	5/5/1998	102.15	5.01	97.14	
B-4	5/5/1998	100.9	3.56	97.34	
B-5	5/5/1998	100.65	3.25	97.40	
B-6	5/5/1998	101.29	4.07	97.22	
B-7	5/5/1998	101.0	3.33	97.67	
SPF	5/5/1998	100.43	3.17	97.26	
MW-1	5/5/1998	100.43	4.16	96.27	

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Well/ Standpipe Number	Date Measured	Top of Casing Elevation	Depth to Groundwater (feet)	Groundwater Elevation	Predominant Flow Direction
SPC	9/9/1998	101.25	5.37	95.88	North
B-3	9/9/1998	102.15	6.62	95.53	
B-4	9/9/1998	100.9	5.08	95.82	
B-5	9/9/1998	100.65	4.81	95.84	
B-6	9/9/1998	101.29	5.51	95.78	
B-7	9/9/1998	101.0	5.19	95.81	
SPF	9/9/1998	100.43	4.55	95.88	
MW-1	9/9/1998	100.43	5.69	94.74	
SPC	12/11/1998	101.25	5.45	95.80	North-Northwest
B-3	12/11/1998	102.15	6.50	95.65	
B-4	12/11/1998	100.9	5.05	95.85	
B-5	12/11/1998	100.65	4.77	95.88	
B-6	12/11/1998	101.29	5.51	95.78	
B-7	12/11/1998	101.0	4.51	96.49	
SPF	12/11/1998	100.43	4.61	95.82	
MW-1	12/11/1998	100.43	4.80	95.63	
B-1	7/29/1999	101.14	4.16	96.98	North
SPC	7/29/1999	101.25	5.23	96.02	
B-3	7/29/1999	102.15	6.39	95.76	
B-4	7/29/1999	100.9	4.91	95.99	
B-5	7/29/1999	100.65	4.64	96.01	
B-6	7/29/1999	101.29	5.34	95.95	
B-7	7/29/1999	101.0	5.22	95.78	
SPF	7/29/1999	100.43	4.40	96.03	
MW-1	7/29/1999	100.43	5.35	95.08	
B-3	3/9/2000	4.51	4.59	-0.08	Not Calculated
B-4	3/9/2000	3.54	3.27	0.27	
B-5	3/9/2000	2.97	2.77	0.20	
B-6	3/9/2000	3.61	3.43	0.18	
SPC	3/9/2000	3.60	nm		
MW-1	3/9/2000	3.00	3.30	-0.30	
B-1	6/22/2000	3.00	2.40	0.60	Not Calculated
B-3	6/22/2000	4.51	nm		
B-4	6/22/2000	3.54	4.65	-1.11	
B-5	6/22/2000	2.97	8.50	-5.53	
B-6	6/22/2000	3.61	4.70	-1.09	
SPB	6/22/2000	4.03	5.12	-1.09	
SPC	6/22/2000	3.60	4.68	-1.08	
SPG	6/22/2000	3.93	5.40	-1.47	

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Well/ Standpipe Number	Date Measured	Top of Casing Elevation	Depth to Groundwater (feet)	Groundwater Elevation	Predominant Flow Direction
B-1	9/20/2000	3.00	3.86	-0.86	Not Calculated
B-3	9/20/2000	4.51	nm		
B-4	9/20/2000	3.54	5.16	-1.62	
B-5	9/20/2000	2.97	4.63	-1.66	
B-6	9/20/2000	3.61	5.23	-1.62	
SPB	9/20/2000	4.03	5.65	-1.62	
SPC	9/20/2000	3.60	5.23	-1.63	
SPG	9/20/2000	3.93	5.90	-1.97	
B-1	12/21/2000	3.00	4.02	-1.02	North-Northwest to North-Northeast
B-3	12/21/2000	4.51	nm		
B-4	12/21/2000	3.54	6.11	-2.57	
B-5	12/21/2000	2.97	5.53	-2.56	
B-6	12/21/2000	3.61	6.20	-2.59	
SPB	12/21/2000	4.03	6.48	-2.45	
SPC	12/21/2000	3.60	6.04	-2.44	
SPG	12/21/2000	3.93	7.03	-3.10	
B-1	4/4/2001	3.00	2.53	0.47	Northwest to Northeast
B-3	4/4/2001	4.51	nm		
B-4	4/4/2001	3.54	4.43	-0.89	
B-5	4/4/2001	2.97	3.74	-0.77	
B-6	4/4/2001	3.61	4.46	-0.85	
SPB	4/4/2001	4.03	nm		
SPC	4/4/2001	3.60	nm		
SP-1	4/4/2001	3.37	4.53	-1.16	
DSP-2	4/4/2001	3.93	4.65	-0.72	
B-1	12/5/2001	3.00	2.87	0.13	Northwest to Northeast
B-3	12/5/2001	4.51	4.93	-0.42	
B-4	12/5/2001	3.54	4.14	-0.60	
B-5	12/5/2001	2.97	3.59	-0.62	
B-6	12/5/2001	3.61	4.14	-0.53	
SPB	12/5/2001	4.03	4.98	-0.95	
SPC	12/5/2001	3.60	3.95	-0.35	
SP-1	12/5/2001	3.37	nm		
SPF	12/5/2001	2.78	3.23	-0.45	
SPG	12/5/2001	4.32	4.76	-0.44	
DSP-2	12/5/2001	3.93	nm		
MW-1	12/5/2001	3.29	4.40	-1.11	
MW-2	12/5/2001	2.57	3.58	-1.01	

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1620 South Delaware Street
San Mateo, California

Well/ Standpipe Number	Date Measured	Top of Casing Elevation	Depth to Groundwater (feet)	Groundwater Elevation	Predominant Flow Direction
B-1	3/14/2002	3.00	2.46	0.54	Northeast to Southwest
B-3	3/14/2002	4.51	5.76	-1.25	
B-4	3/14/2002	3.54	4.57	-1.03	
B-5	3/14/2002	2.97	4.03	-1.06	
B-6	3/14/2002	3.61	4.79	-1.18	
SPB	3/14/2002	4.03	5.22	-1.19	
SPC	3/14/2002	3.60	4.79	-1.19	
SP-1	3/14/2002	3.37	nm		
SPF	3/14/2002	2.78	3.96	-1.18	
SPG	3/14/2002	4.32	5.48	-1.16	
DSP-2	3/14/2002	3.93	nm		
EW-1	3/14/2002	4.56	5.72	-1.16	
SVE-1	3/14/2002	4.55	5.75	-1.20	
MW-1	3/14/2002	3.29	4.42	-1.13	
MW-2	4/2/2002	2.57	3.32	-0.75	
B-1	6/26/2002	3.00	3.41	-0.41	Northeast to Southwest (inward)
B-3	6/26/2002	4.51	7.08	-2.57	
B-4	6/26/2002	3.54	5.64	-2.10	
B-5	6/26/2002	2.97	5.03	-2.06	
B-6	6/26/2002	3.61	5.66	-2.05	
SPB	6/26/2002	4.03	6.22	-2.19	
SPC	6/26/2002	3.60	5.83	-2.23	
SP-1	6/26/2002	3.37	nm		
SPF	6/26/2002	2.78	5.03	-2.25	
SPG	6/26/2002	4.32	6.50	-2.18	
DSP-2	6/26/2002	3.93	nm		
EW-1	6/26/2002	4.56	6.82	-2.26	
SVE-1	6/26/2002	4.55	6.77	-2.22	
MW-1	6/26/2002	3.29	4.69	-1.40	
MW-2	6/26/2002	2.57	4.64	-2.07	
B-1	9/4/2002	3.00	4.11	-1.11	North to South (inward)
B-3	9/4/2002	4.51	7.70	-3.19	
B-4	9/4/2002	3.54	7.15	-3.61	
B-5	9/4/2002	2.97	6.56	-3.59	
B-6	9/4/2002	3.61	7.24	-3.63	
SPB	9/4/2002	4.03	7.10	-3.07	
SPC	9/4/2002	3.60	6.65	-3.05	
SP-1	9/4/2002	3.37	nm		
SPF	9/4/2002	2.78	6.89	-4.11	
SPG	9/4/2002	4.32	8.05	-3.73	
DSP-2	9/4/2002	3.93	nm		
EW-1	9/4/2002	4.56	9.51	-4.95	
SVE-1	9/4/2002	4.55	7.35	-2.80	
MW-1	9/4/2002	3.29	5.95	-2.66	
MW-2	9/4/2002	2.57	6.04	-3.47	

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Well/ Standpipe Number	Date Measured	Top of Casing Elevation	Depth to Groundwater (feet)	Groundwater Elevation	Predominant Flow Direction
B-1	1/29/2003	3.00	2.29	0.71	North to Northwest (outward)
B-3	1/29/2003	4.51	5.86	-1.35	
B-4	1/29/2003	3.54	4.69	-1.15	
B-5	1/29/2003	2.97	4.18	-1.21	
B-6	1/29/2003	3.61	4.75	-1.14	
SPB	1/29/2003	4.03	5.28	-1.25	
SPC	1/29/2003	3.60	4.77	-1.17	
SPF	1/29/2003	2.78	4.01	-1.23	
SPG	1/29/2003	4.32	5.46	-1.14	
EW-1	1/29/2003	4.56	5.82	-1.26	
SVE-1	1/29/2003	4.55	6.21	-1.66	
MW-1	1/29/2003	3.29	4.58	-1.29	
MW-2	1/29/2003	2.57	3.79	-1.22	
B-1	4/30/2003	3.00	1.88	1.12	Northeast to Northwest
B-3	4/30/2003	4.51	4.94	-0.43	
B-4	4/30/2003	3.54	3.81	-0.27	
B-5	4/30/2003	2.97	3.28	-0.31	
B-6	4/30/2003	3.61	3.93	-0.32	
SPB	4/30/2003	4.03	4.34	-0.31	
SPC	4/30/2003	3.60	3.96	-0.36	
SPF	4/30/2003	2.78	3.16	-0.38	
SPG	4/30/2003	4.32	4.65	-0.33	
EW-1	4/30/2003	4.56	4.95	-0.39	
SVE-1	4/30/2003	4.55	5.32	-0.77	
MW-1	4/30/2003	3.29	3.92	-0.63	
MW-2	4/30/2003	2.57	2.94	-0.37	
B-1	7/29/2003	3.00	3.31	-0.31	Northeast to Northwest
B-3	7/29/2003	4.51	5.91	-1.40	
B-4	7/29/2003	3.54	4.82	-1.28	
B-5	7/29/2003	2.97	4.31	-1.34	
B-6	7/29/2003	3.61	4.90	-1.29	
SPB	7/29/2003	4.03	5.34	-1.31	
SPC	7/29/2003	3.60	4.93	-1.33	
SPF	7/29/2003	2.78	4.18	-1.40	
SPG	7/29/2003	4.32	5.69	-1.37	
EW-1	7/29/2003	4.56	5.96	-1.40	
SVE-1	7/29/2003	4.55	6.33	-1.78	
MW-1	7/29/2003	3.29	4.79	-1.50	
MW-2	7/29/2003	2.57	3.93	-1.36	

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1620 South Delaware Street
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Well/ Standpipe Number	Date Measured	Top of Casing Elevation	Depth to Groundwater (feet)	Groundwater Elevation	Predominant Flow Direction
B-1	10/16/2003	3.00	3.54	-0.54	Towards Well EW-1
B-3	10/16/2003	4.51	7.34	-2.83	
B-4	10/16/2003	3.54	6.93	-3.39	
B-5	10/16/2003	2.97	6.29	-3.32	
B-6	10/16/2003	3.61	6.88	-3.27	
SPB	10/16/2003	4.03	6.83	-2.80	
SPC	10/16/2003	3.60	6.35	-2.75	
SPF	10/16/2003	2.78	6.65	-3.87	
SPG	10/16/2003	4.32	7.88	-3.56	
EW-1 (1)	10/16/2003	4.56	10.00	-5.44	
SVE-1	10/16/2003	4.55	7.60	-3.05	
MW-1	10/16/2003	3.29	5.75	-2.46	
MW-2	10/16/2003	2.57	5.79	-3.22	
B-1	1/28/2004	3.00	2.65	0.35	Towards Well EW-1
B-3	1/28/2004	4.51	6.92	-2.41	
B-4	1/28/2004	3.54	6.76	-3.22	
B-5	1/28/2004	2.97	6.20	-3.23	
B-6	1/28/2004	3.61	6.85	-3.24	
SPB	1/28/2004	4.03	6.51	-2.48	
SPC	1/28/2004	3.60	6.09	-2.49	
SPF	1/28/2004	2.78	6.60	-3.82	
SPG	1/28/2004	4.32	7.80	-3.48	
EW-1(1)	1/28/2004	4.56	10.00	-5.44	
SVE-1	1/28/2004	4.55	7.61	-3.06	
MW-1	1/28/2004	3.29	4.41	-1.12	
MW-2	1/28/2004	2.57	5.38	-2.81	
B-1	4/21/2004	3.00	2.69	0.31	Towards Well EW-1
B-3	4/21/2004	4.51	6.36	-1.85	
B-4	4/21/2004	3.54	6.59	-3.05	
B-5	4/21/2004	2.97	5.91	-2.94	
B-6	4/21/2004	3.61	6.67	-3.06	
SPB	4/21/2004	4.03	6.39	-2.36	
SPC	4/21/2004	3.60	5.92	-2.32	
SPF	4/21/2004	2.78	6.40	-3.62	
SPG	4/21/2004	4.32	7.59	-3.27	
EW-1(1)	4/21/2004	4.56	10.00	-5.44	
SVE-1	4/21/2004	4.55	7.38	-2.83	
MW-1	4/21/2004	3.29	4.62	-1.33	
MW-2	4/21/2004	2.57	nm		

TABLE 1.
Groundwater Elevation Data
1620 South Delaware Street
San Mateo, California

Well/ Standpipe Number	Date Measured	Top of Casing Elevation	Depth to Groundwater (feet)	Groundwater Elevation	Predominant Flow Direction
B-1	7/14/2004	3.00	3.72	-0.72	Towards Well EW-1
B-3	7/14/2004	4.51	6.83	-2.32	
B-4	7/14/2004	3.54	nm		
B-5	7/14/2004	2.97	6.41	-3.44	
B-6	7/14/2004	3.61	6.82	-3.21	
SPB	7/14/2004	4.03	6.46	-2.43	
SPC	7/14/2004	3.60	6.02	-2.42	
SPF	7/14/2004	2.78	6.24	-3.46	
SPG	7/14/2004	4.32	7.68	-3.36	
EW-1[(1)]	7/14/2004	4.56	10.00	-5.44	
SVE-1	7/14/2004	4.55	7.49	-2.94	
MW-1[(2)]	7/14/2004	3.29	5.84	-2.55	
MW-2[(2)]	7/14/2004	2.57	5.33	-2.76	
B-1	10/27/2004	3.00	3.47	-0.47	Transitional Flow Regime -- Mounding in the Vicinity of Wells B-1, EW-1, and B-5
B-3	10/27/2004	4.51	6.19	-1.68	
B-4	10/27/2004	3.54	5.15	-1.61	
B-5	10/27/2004	2.97	4.15	-1.18	
B-6	10/27/2004	3.61	5.27	-1.66	
SPB	10/27/2004	4.03	5.52	-1.49	
SPC	10/27/2004	3.60	5.10	-1.50	
SPF	10/27/2004	2.78	4.34	-1.56	
SPG	10/27/2004	4.32	5.81	-1.49	
EW-1(1)	10/27/2004	4.56	5.43	-0.87	
SVE-1	10/27/2004	4.55	6.05	-1.50	
MW-1	10/27/2004	3.29	4.58	-1.29	
MW-2	10/27/2004	2.57	4.29	-1.72	
B-1	1/19/2005	3.00	1.74	1.26	Mounding in the Vicinity of Wells EW-1 and B-4
B-3	1/19/2005	4.51	5.94	-1.43	
B-4	1/19/2005	3.54	3.71	-0.17	
B-5	1/19/2005	2.97	3.90	-0.93	
B-6	1/19/2005	3.61	4.63	-1.02	
SPB	1/19/2005	4.03	5.21	-1.18	
SPC	1/19/2005	3.60	4.76	-1.16	
SPF	1/19/2005	2.78	3.97	-1.19	
SPG	1/19/2005	4.32	5.42	-1.10	
EW-1[(1)]	1/19/2005	4.56	5.13	-0.57	
SVE-1	1/19/2005	4.55	5.69	-1.14	
MW-1	1/19/2005	3.29	nm	nm	
MW-2	1/19/2005	2.57	nm	nm	

TABLE 1.
Groundwater Elevation Data
1620 South Delaware Street
San Mateo, California

Well/ Standpipe Number	Date Measured	Top of Casing Elevation	Depth to Groundwater (feet)	Groundwater Elevation	Predominant Flow Direction
B-1	4/21/2005	3.00	1.75	1.25	Northerly
B-3	4/21/2005	4.51	7.55	-3.04	
B-4	4/21/2005	3.54	5.53	-1.99	
B-5	4/21/2005	2.97	5.52	-2.55	
B-6	4/21/2005	3.61	5.90	-2.29	
SPB	4/21/2005	4.03	6.24	-2.21	
SPC	4/21/2005	3.60	5.83	-2.23	
SPF	4/21/2005	2.78	4.97	-2.19	
SPG	4/21/2005	4.32	6.58	-2.26	
EW-1[1]	4/21/2005	4.56	6.21	-1.65	
SVE-1	4/21/2005	4.55	6.76	-2.21	
MW-1	4/21/2005	3.29	nm	nm	
MW-2	4/21/2005	2.57	nm	nm	
DSP-2 SVE[3]	4/21/2005	3.93	2.20	1.73	
DSP-2 sparge[3]	4/21/2005	3.93	5.85	-1.92	
DSP-3 SVE[3]	4/21/2005	2.99	3.11	-0.12	
DSP-3 sparge[3]	4/21/2005	2.99	nm	nm	
DSP-4 SVE[3]	4/21/2005	2.64	1.96	0.68	
DSP-4 sparge[3]	4/21/2005	2.64	5.12	-2.48	
DSP-5 SVE[3]	4/21/2005	3.53	3.44	0.09	
DSP-5 sparge[3]	4/21/2005	3.53	6.00	-2.47	
SP-2	4/21/2005	2.99	5.24	-2.25	
SP-4	4/21/2005	2.36	4.99	-2.63	
B-1	7/27/2005	3.00	3.23	-0.23	Northerly
B-3	7/27/2005	4.51	6.56	-2.05	
B-4	7/27/2005	3.54	5.34	-1.80	
B-5	7/27/2005	2.97	4.88	-1.91	
B-6	7/27/2005	3.61	5.52	-1.91	
SPB	7/27/2005	4.03	6.16	-2.13	
SPC	7/27/2005	3.60	5.71	-2.11	
SPF	7/27/2005	2.78	4.94	-2.16	
SPG	7/27/2005	4.32	6.41	-2.09	
EW-1[1]	7/27/2005	4.56	6.07	-1.51	
SVE-1	7/27/2005	4.55	6.67	-2.12	
MW-1	7/27/2005	3.29	nm	nm	
MW-2	7/27/2005	2.57	nm	nm	

TABLE 1.
Groundwater Elevation Data
1620 South Delaware Street
San Mateo, California

Well/ Standpipe Number	Date Measured	Top of Casing Elevation	Depth to Groundwater (feet)	Groundwater Elevation	Predominant Flow Direction
B-1	10/24/2005	3.00	4.08	-1.08	Not Calculated
B-3	10/24/2005	4.51	6.88	-2.37	
B-4	10/24/2005	3.54	nm	nm	
B-5	10/24/2005	2.97	5.21	-2.24	
B-6	10/24/2005	3.61	5.78	-2.17	
SPB	10/24/2005	4.03	6.38	-2.35	
SPC	10/24/2005	3.60	5.95	-2.35	
SPF	10/24/2005	2.78	5.10	-2.32	
SPG	10/24/2005	4.32	6.63	-2.31	
EW-1[1]	10/24/2005	4.56	6.29	-1.73	
SVE-1	10/24/2005	4.55	6.90	-2.35	
MW-1	10/24/2005	3.29	nm	nm	
MW-2	10/24/2005	2.57	nm	nm	
B-1	1/24/2006	3.00	0.94	2.06	Not Calculated
B-3	1/24/2006	4.51	6.07	-1.56	
B-4	1/24/2006	3.54	nm	nm	
B-5	1/24/2006	2.97	3.94	-0.97	
B-6	1/24/2006	3.61	4.71	-1.10	
SPB	1/24/2006	4.03	5.37	-1.34	
SPC	1/24/2006	3.60	4.95	-1.35	
SPF	1/24/2006	2.78	5.66	-2.88	
SPG	1/24/2006	4.32	4.16	0.16	
EW-1[1]	1/24/2006	4.56	5.26	-0.70	
SVE-1	1/24/2006	4.55	5.89	-1.34	
MW-1	1/24/2006	3.29	nm	nm	
MW-2	1/24/2006	2.57	nm	nm	
B-3	4/12/2006	4.51	5.45	-0.94	South[5] 0.004 ft/ft
B-4	4/12/2006	3.54	nm	nm	
B-5	4/12/2006	2.97	3.44	-0.47	
B-6	4/12/2006	3.61	4.21	-0.60	
SPB	4/12/2006	4.03	4.88	-0.85	
SPC	4/12/2006	3.60	4.49	-0.89	
SPF	4/12/2006	2.78	4.69	-1.91	
SPG	4/12/2006	4.32	5.19	-0.87	
EW-1[1]	4/12/2006	4.56	4.84	-0.28	
SVE-1	4/12/2006	4.55	5.40	-0.85	
MW-1[4]	4/12/2006	3.45	3.84	-0.39	
MW-2[4]	4/12/2006	2.46	2.91	-0.45	

TABLE 1.
Groundwater Elevation Data
1620 South Delaware Street
San Mateo, California

Well/ Standpipe Number	Date Measured	Top of Casing Elevation	Depth to Groundwater (feet)	Groundwater Elevation	Predominant Flow Direction
B-3	8/11/2006	4.51	6.92	-2.41	North[5] 0.001 ft/ft
B-4	8/11/2006	3.54	nm	nm	
B-5	8/11/2006	2.97	5.00	-2.03	
B-6	8/11/2006	3.61	5.67	-2.06	
SPB	8/11/2006	4.03	6.23	-2.20	
SPC	8/11/2006	3.60	5.81	-2.21	
SPF	8/11/2006	2.78	5.00	-2.22	
SPG	8/11/2006	4.32	6.51	-2.19	
EW-1[1]	8/11/2006	4.56	6.25	-1.69	
SVE-1	8/11/2006	4.55	6.72	-2.17	
MW-1[4]	8/11/2006	3.45	5.55	-2.10	
MW-2[4]	8/11/2006	2.46	4.51	-2.05	
B-3	10/9/2006	4.51	nm	nm	South[5] 0.014 ft/ft
B-4	10/9/2006	3.54	nm	nm	
B-5	10/9/2006	2.97	4.49	-1.52	
B-6	10/9/2006	3.61	6.00	-2.39	
SPB	10/9/2006	4.03	5.56	-1.53	
SPC	10/9/2006	3.60	6.20	-2.60	
SPF	10/9/2006	2.78	4.37	-1.59	
SPG	10/9/2006	4.32	6.21	-1.89	
EW-1[1]	10/9/2006	4.56	5.62	-1.06	
SVE-1	10/9/2006	4.55	nm	nm	
MW-1	10/9/2006	3.45	4.90	-1.45	
MW-2	10/9/2006	2.46	4.50	-2.04	
B-3	1/9/2007	4.51	6.90	-2.39	South-Southeast[5] 0.004 ft/ft
B-4	1/9/2007	3.54	4.76	-1.22	
B-5	1/9/2007	2.97	4.87	-1.90	
B-6	1/9/2007	3.61	5.60	-1.99	
SPB	1/9/2007	4.03	6.26	-2.23	
SPC	1/9/2007	3.60	5.84	-2.24	
SPF	1/9/2007	2.78	5.03	-2.25	
SPG	1/9/2007	4.32	6.51	-2.19	
EW-1[1]	1/9/2007	4.56	1.02	3.54	
SVE-1	1/9/2007	4.55	6.80	-2.25	
MW-1	1/9/2007	3.45	5.23	-1.78	
MW-2	1/9/2007	2.46	4.50	-2.04	

TABLE 1.
Groundwater Elevation Data
1620 South Delaware Street
San Mateo, California

Well/ Standpipe Number	Date Measured	Top of Casing Elevation	Depth to Groundwater (feet)	Groundwater Elevation	Predominant Flow Direction
B-3	4/9/2007	4.51	6.40	-1.89	North[6] 0.003 ft/ft
B-4	4/9/2007	3.54	4.86	-1.32	
B-5	4/9/2007	2.97	4.38	-1.41	
B-6	4/9/2007	3.61	5.06	-1.45	
SPB	4/9/2007	4.03	5.69	-1.66	
SPC	4/9/2007	3.60	5.25	-1.65	
SPF	4/9/2007	2.78	4.47	-1.69	
SPG	4/9/2007	4.32	5.92	-1.60	
EW-1[1]	4/9/2007	4.56	5.59	-1.03	
SVE-1	4/9/2007	4.55	6.20	-1.65	
MW-1	4/9/2007	3.45	nm		
MW-2	4/9/2007	2.46	nm		
B-3	7/23/2007	4.51	6.60	-2.09	nc
B-4	7/23/2007	3.54	nm		
B-5	7/23/2007	2.97	4.61	-1.64	
B-6	7/23/2007	3.61	5.28	-1.67	
SPB	7/23/2007	4.03	5.92	-1.89	
SPC	7/23/2007	3.60	5.50	-1.90	
SPF	7/23/2007	2.78	4.65	-1.87	
SPG	7/23/2007	4.32	6.16	-1.84	
EW-1[1]	7/23/2007	4.56	nm		
SVE-1	7/23/2007	4.55	6.45	-1.90	
MW-1	7/23/2007	3.45	nm		
MW-2	7/23/2007	2.46	nm		
B-3	10/11/2007	4.51	6.32	-1.81	nc
B-4	10/11/2007	3.54	nm		
B-5	10/11/2007	2.97	4.68	-1.71	
B-6	10/11/2007	3.61	5.22	-1.61	
SPB	10/11/2007	4.03	5.82	-1.79	
SPC	10/11/2007	3.60	5.37	-1.77	
SPF	10/11/2007	2.78	4.62	-1.84	
SPG	10/11/2007	4.32	6.07	-1.75	
EW-1[1]	10/11/2007	4.56	nm		
SVE-1	10/11/2007	4.55	6.34	-1.79	
MW-1	10/11/2007	3.45	nm		
MW-2	10/11/2007	2.46	nm		
B-3	1/29/2008	4.51	5.42	-0.91	North[5] 0.002 ft/ft
B-4	1/29/2008	3.54	nm		
B-5	1/29/2008	2.97	3.25	-0.28	
B-6	1/29/2008	3.61	4.05	-0.44	
SPB	1/29/2008	4.03	4.58	-0.55	
SPC	1/29/2008	3.60	4.22	-0.62	
SPF	1/29/2008	2.78	3.30	-0.52	
SPG	1/29/2008	4.32	4.81	-0.49	
EW-1[1]	1/29/2008	4.56	0.80	3.76	
SVE-1	1/29/2008	4.55	5.10	-0.55	
MW-1	1/29/2008	3.45	3.99	-0.54	
MW-2	1/29/2008	2.46	2.91	-0.45	

TABLE 1.
Groundwater Elevation Data
1620 South Delaware Street
San Mateo, California

Well/ Standpipe Number	Date Measured	Top of Casing Elevation	Depth to Groundwater (feet)	Groundwater Elevation	Predominant Flow Direction
B-3	4/21/2008	4.51	6.74	-2.23	nc
B-4	4/21/2008	3.54	nm		
B-5	4/21/2008	2.97	4.72	-1.75	
B-6	4/21/2008	3.61	5.50	-1.89	
SPB	4/21/2008	4.03	6.10	-2.07	
SPC	4/21/2008	3.60	5.63	-2.03	
SPF	4/21/2008	2.78	4.85	-2.07	
SPG	4/21/2008	4.32	6.31	-1.99	
EW-1[1]	4/21/2008	4.56	1.00	3.56	
SVE-1	4/21/2008	4.55	6.59	-2.04	
MW-1	4/21/2008	3.45	nm		
MW-2	4/21/2008	2.46	4.13	-1.67	

Groundwater elevation data for March, June, and December 1989, collected and reported by Dames & Moore in their quarterly monitoring reports, dated May 5, 1988, August 2, 1989, and January 3, 1989

Groundwater elevations prior to 2000 were relative to an arbitrary benchmark of 100.0 feet. Wells were resurveyed to mean sea level on May 7, 2001 by R.W. Davis and Associates, Land Surveyors. Wells B-5 and SPF resurveyed by BAI to MSL on May 30, 2001 due to omission on May 7, 2001. Wells MW-1 and MW-2 surveyed on April 2, 2002 by R.W. Davis and Associates to MSL. Elevations beginning in March 2000 calculated using the 2001 and 2002 survey data

nm = not measured

nc = not calculated due to insufficient data

MSL = mean sea level

(1) EW-1 is an operational groundwater extraction well within granular backfill placed in the overexcavation of the former tanks and french drain. The depth to groundwater reported for this well is assumed to be the depth to the top of the submersible pump at approximately 10 feet below the top of the well casing.

(2) Measurements for well MW-1 and MW-2 appear to have been mis-recorded in the field. Data has been input as it appears appropriate.

(3) DSP SVE wells are screened from 2 to 5 feet bgs and DSP sparge wells are screened from 11 to 12 feet bgs.

(4) Wells MW-1 and MW-2 were repaired on March 8, 2006, and re-surveyed by Bohley Consulting, Inc. on March 21, 2006

(5) Groundwater gradient and flow direction calculated from data from wells MW-1, MW-2, and B-6

(6) Groundwater gradient and flow direction calculated from data from wells B-4, B-5, and B-6

TABLE 2.
Groundwater Analytical Results
1620 South Delaware Street, San Mateo, California

Well/ Standpipe Number	Date Sampled	TPH as gasoline (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Xylenes (µg/l)	MTBE* (µg/l)	1,2-di-chloroethane (µg/l)	tert-butyl alcohol (µg/l)
B-1	6/20/1989	<50	<0.5	<0.5	<0.5	<0.5	—	—	—
B-1	9/22/1989	<100	<0.3	<0.3	<0.3	<0.3	—	—	—
B-1	12/18/1989	<100	<0.3	<0.3	<0.3	<0.3	—	—	—
B-1	3/20/1996	<50	<0.5	<0.5	<0.5	<0.5	<5.0	—	—
B-1	6/21/1996	<50	<0.5	<0.5	<0.5	<0.5	<5.0	—	—
B-1	9/24/1996	<50	<0.5	<0.5	<0.5	<0.5	<5.0	—	—
B-1	12/12/1996	<50	<0.5	<0.5	<0.5	<0.5	<5.0	—	—
B-1	4/21/1997	<50	<0.5	<0.5	<0.5	<0.5	<5.0	—	—
B-1	7/11/1997	<50	<0.5	<0.5	<0.5	<0.5	<5.0	—	—
B-1	10/30/1997	<50	<0.5	<0.5	<0.5	<0.5	<5.0	—	—
B-1	5/5/1998	<50	<0.5	<0.5	<0.5	<0.5	<5.0	—	—
B-1	8/4/1998	<50	<0.5	<0.5	<0.5	<0.5	<5.0	—	—
B-1	12/11/1998	<50	<0.5	<0.5	<0.5	<0.5	<5.0	—	—
B-1	7/29/1999	<50	<0.5	<0.5	<0.5	<0.5	<5.0	—	—
B-1	3/9/2000	**78**	**52**	<0.5	<0.5	<0.5	<5.0	—	—
B-1	6/22/2000	<50	<0.5	<0.5	<0.5	<0.5	<5.0	—	—
B-1	9/20/2000	<50	<0.5	<0.5	<0.5	<0.5	<5.0	—	—
B-1	12/21/2000	<50	<0.5	<0.5	<0.5	**1.0**	<5.0	—	—
B-1	4/4/2001	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<10
B-1	4/22/2005	<50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<10
B-1	Abandoned March 8, 2006								
B-3	6/20/1989	**112,000**	**23,000**	**700**	**3,600**	**11,000**	—	—	—
B-3	9/22/1989	**14,000**	**1,800**	**100**	**1,300**	**710**	—	—	—
B-3	12/18/1989	**53,000**	**2,900**	**80**	**1,400**	**620**	—	—	—
B-3	3/20/1996	**11,000**	**2,700**	**120**	**830**	**700**	**25**	—	—
B-3	6/21/1996	**30,000**	**1,300**	**210**	**1,200**	**1,100**	<125	—	—
B-3	9/24/1996	**27,000**	**570**	**210**	**750**	**590**	<100	—	—

TABLE 2.
Groundwater Analytical Results
1620 South Delaware Street, San Mateo, California

Well/ Standpipe Number	Date Sampled	TPH as gasoline (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Xylenes (µg/l)	MTBE* (µg/l)	1,2-di-chloroethane (µg/l)	tert-butyl alcohol (µg/l)
B-3	12/12/1996	**20,000**	**260**	**230**	**480**	**410**	<125	—	—
B-3	4/21/1997	**16,000**	**1,100**	**89**	**630**	**540**	<50	—	—
B-3	7/11/1997	**8,000**	**300**	**66**	<10	**160**	<100	—	—
B-3	10/30/1997	**10,000**	**270**	**62**	**260**	**85**	<250	—	—
B-3	5/5/1998	**19,000**	**750**	**48**	**160**	**260**	**100**	—	—
B-3	8/4/1998	**6,300**	**320**	**34**	**110**	**46**	**110**	—	—
B-3	12/11/1998	**4,400**	**73**	**88**	**63**	**37**	**97**	—	—
B-3	7/29/1999	**8,900**	**110**	**60**	**41**	**46**	**190**	—	—
B-3	3/9/2000	**28,000**	**93**	**190**	<25	**120**	<250	—	—
B-3	12/5/2001	**2,500**	**2.93**	**1.02**	**432**	**2.26**	<1.0	<0.50	<10
B-3	3/14/2002	**13,000**	**11.3**	**8.75**	**737**	**9.45**	<5.0	<2.5	<50
B-3	6/26/2002	**3,800**	**6.59**	<2.5	**245**	<2.5	<5.0	<2.5	<50
B-3	9/4/2002	**8,300**	**4.59**	<2.5	**11.9**	<2.5	<5.0	<2.5	<50
B-3	1/29/2003	**12,000**	**17.3**	**0.620**	**98.0**	**2.91**	<1.0	<0.5	<10
B-3	4/30/2003	**2,600**	**25.3**	<2.5	**39.0**	<2.5	<5.0	<2.5	<50
B-3	7/29/2003	**4,800**	**44.9**	**2.50**	**24.3**	**4.03**	<5.0	<2.5	<50
B-3	10/16/2003	**2,500**	**1.69**	<0.50	<0.50	<0.50	**1.95**	**1.67**	<10
B-3	1/28/2004	**5,500**	**0.32**	<0.30	**5.1**	<0.50	<0.50	<0.50	<10
B-3	4/21/2004	**830**	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<10
B-3	7/14/2004	**770**	**5.78**	<0.50	<0.50	<0.50	<1.0	<0.50	<10
B-3	10/27/2004	**60**	**1.45**	<0.50	<0.50	<0.50	**3.46**	<0.50	<10
B-3	1/19/2005	**170**	**12.4**	<0.50	**3.38**	**1.92**	<1.0	<0.50	<10
B-3	4/26/2005	**290**	**106**	<0.50	**7.90**	<0.50	**9.47**	**3.30**	<10
B-3	7/27/2005	<50	**1.97**	<0.50	<0.50	<0.50	**5.35**	**1.57**	<10
B-3	10/24/2005	<50	<0.50	<0.50	<0.50	<0.50	**1.05**	**1.07**	<10
B-3	1/24/2006	<50	<0.50	<0.50	<0.50	<0.50	<1.0	**3.82**	<10
B-3	4/12/2006	<50	**2.01**	<0.50	<0.50	<0.50	**1.72**	**1.23**	<10

TABLE 2.
Groundwater Analytical Results
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Well/ Standpipe Number	Date Sampled	TPH as gasoline (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Xylenes (µg/l)	MTBE* (µg/l)	1,2-di-chloroethane (µg/l)	tert-butyl alcohol (µg/l)
B-3	8/11/2006	<50	<0.50	<0.50	<0.50	<0.50	**4.40**	**4.40**	**24.4**
B-3	1/9/2007	<50	<0.50	<0.50	<0.50	<0.50	**1.40**	**1.31**	<10
B-3	4/9/2007	<50	<0.50	<0.50	<0.50	<0.50	**2.85**	**2.36**	<10
B-3	7/23/2007	<50	<0.50	<0.50	<0.50	<0.50	**3.17**	**3.04**	**21.9**
B-3	10/11/2007	<50	<0.50	<0.50	<0.50	<0.50	<1.0	**0.87**	<10
B-3	1/29/2008	<50	**8.52**	<0.50	<0.50	<0.50	<1.0	**0.87**	<10
B-3	4/21/2008	<50	<0.50	<0.50	<0.50	<0.50	**4.94**	**4.50**	<10
B-4	6/20/1989	**23,300**	**21,000**	<50	<50	<50	—	—	—
B-4	9/22/1989	**1,000**	**9,300**	**10**	**22**	<3	—	—	—
B-4	12/18/1989	**12,000**	**8,900**	**6**	**31**	**1**	—	—	—
B-4	3/20/1996	**2,400**	**1,900**	**16**	**3.3**	**6.2**	**150**	—	—
B-4	6/21/1996	**1,900**	**1,400**	**8.3**	**3.1**	**5.1**	**110**	—	—
B-4	9/24/1996	**490**	**320**	**11**	**4.6**	**20**	**18**	—	—
B-4	12/12/1996	**1,600**	**840**	**10**	**2.4**	**4.8**	**90**	—	—
B-4	4/21/1997	**2,600**	**700**	**8.2**	**2.2**	**4.6**	**110**	—	—
B-4	7/11/1997	**1,100**	**890**	**10**	**4.8**	**14**	**50**	—	—
B-4	10/30/1997	**1,300**	**460**	**8.3**	**4.6**	**12**	**35**	—	—
B-4	5/5/1998	**1,700**	**830**	**7.5**	**1.6**	**3.2**	**100**	—	—
B-4	8/4/1998	**1,500**	**810**	**8.6**	<5.0	<5.0	**90**	—	—
B-4	12/11/1998	**1,300**	**700**	**8.3**	**2.0**	**3.7**	**95**	—	—
B-4	7/29/1999	**1,900**	**830**	**7.8**	**3.2**	**2.8**	**110**	—	—
B-4	3/9/2000	**1,000**	**400**	**8.4**	**1.3**	**2.7**	**82**	—	—
B-4	6/22/2000	**1,100**	**410**	**6.3**	**2.1**	**1.5**	**70**	—	—
B-4	9/20/2000	**850**	**270**	**13**	**5.0**	**17**	**41**	—	—
B-4	12/21/2000	**450**	**440**	**10**	<5.0	<5.0	**77**	—	—
B-4	4/4/2001	**656**	**184**	**0.912**	**1.02**	**2.73**	**55.1**	**25.5**	<100
B-4	12/5/2001	**940**	**363**	<2.5	<2.5	<2.5	**37.2**	**30.0**	<50
B-4	12/5/2001	**280**	**276**	<2.5	**10.3**	<2.5	**19.8**	**55.7**	**370**

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Groundwater Analytical Results
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Well/ Standpipe Number	Date Sampled	TPH as gasoline (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Xylenes (µg/l)	MTBE* (µg/l)	1,2-di-chloroethane (µg/l)	tert-butyl alcohol (µg/l)
B-4	3/14/2002	2,300	1,250	9.30	12.9	11.9	32.3	46.2	<50
B-4	6/26/2002	1,000	372	<5.0	<5.0	<5.0	29.1	22.1	<100
B-4	9/4/2002	430	128	<5.0	<5.0	<5.0	33.5	23.9	<100
B-4	1/29/2003	620	68.3	<2.5	<2.5	2.80	31.4	18.3	<50
B-4	4/30/2003	680	111	<2.5	<2.5	<2.5	28.0	16.8	<50
B-4	7/29/2003	520	132	<2.5	<2.5	<2.5	31.2	24.8	<50
B-4	10/16/2003	2,500	1,380	<2.5	2.81	<2.5	37.6	51.3	<50
B-4	1/28/2004	3,300 [A]	790	<15	<25	<25	110[B]	<25	<500
B-4	4/21/2004	2,600	1,710	<5.0	<5.0	<5.0	56.4	53.6	1,100
B-4	7/14/2004	1,800	1,750	5.35	<5.0	7.03	36.4	47.6	1,770
B-4	10/27/2004	810	372	<5.0	<5.0	<5.0	<10	16.9	<100
B-4	1/19/2005	1,400	666	2.17	<2.5	3.26	25.0	31.8	165
B-4	4/22/2005	1,000	348	<2.5	9.33	<2.5	24.8	31.6	243
B-4	7/27/2005	1,000	482	<2.5	8.06	<2.5	23.0	31.2	177
B-4	1/9/2007	350	71.3	<5.0	<5.0	<5.0	<10	8.64	<100
B-4	4/9/2007	630	351	<5.0	<5.0	<5.0	25.0	29.6	251
B-4	10/11/2007	<250	63.8	<5.0	<5.0	<5.0	11.7	13.3	<100
B-4	1/29/2008	<50	20.2	<5.0	<5.0	<5.0	<10	<5.0	<100
B-4	4/21/2008	120	8.50	<0.50	<0.50	<0.50	<1.0	<0.50	<10
B-5	6/20/1989	12,000	11,000	<50	<50	<50	—	—	—
B-5	9/22/1989	400	7,900	9	5	7	—	—	—
B-5	12/18/1989	6,000	4,700	3	13	2	—	—	—
B-5	3/20/1996	910	780	5.3	<0.5	1.6	65	—	—
B-5	6/21/1996	920	840	1.9	1.2	0.8	39	—	—
B-5	9/24/1996	670	640	0.6	0.8	1.0	22	—	—
B-5	12/12/1996	890	580	5.6	<1.0	1.5	46	—	—
B-5	4/21/1997	790	460	3.8	1.5	1.0	50	—	—
B-5	7/11/1997	420	220	2.5	1.2	0.7	24	—	—

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B-5	10/30/1997	580	280	1.2	1.0	1.3	14	—	—
B-5	5/5/1998	1,500	1,500	5.8	1.3	1.1	67	—	—
B-5	8/4/1998	770	360	2.4	1.3	1.0	60	—	—
B-5	12/11/1998	670	570	1.0	0.92	0.90	30	—	—
B-5	7/29/1999	520	460	2.5	1.2	0.90	62	—	—
B-5	3/9/2000	870	430	3.5	1.6	1.5	57	—	—
B-5	6/22/2000	110	430	2.5	<1.0	<1.0	39	—	—
B-5	9/20/2000	600	330	3.0	1.9	6.6	38	—	—
B-5	12/21/2000	520	260	2.3	<0.5	<0.5	31	—	—
B-5	4/4/2001	320	112	<0.5	<0.5	<0.5	<50.0	73.6	<100
B-5	12/5/2001	520	397	<13	<13	<13	37.0	50.5	1,800
B-5	3/14/2002	320	330	43.5	<25	53.0	80.5	160	<500
B-5	6/26/2002	450	224	<10	<10	<10	32.5	40.2	<200
B-5	9/4/2002	600	559	<10	<10	<10	27.6	51.2	<200
B-5	1/29/2003	350	295	<2.5	<2.5	<2.5	19.7	25.5	<50
B-5	4/30/2003	130	56.4	<2.5	<2.5	<2.5	28.1	33.8	<50
B-5	7/29/2003	280	182	<2.5	<2.5	<2.5	30.3	50.6	<50
B-5	10/16/2003	180	61.3	<2.5	<2.5	<2.5	31.1	58.6	<50
B-5	1/28/2004	720	220	<6.0	<10	<10	<10	14	<200
B-5	4/21/2004	300	168	<0.50	<0.50	<0.50	3.25	7.04	282
B-5	7/14/2004	260	172	<0.50	<0.50	<0.50	9.01	21.2	205
B-5	10/27/2004	330	317	<1.0	<1.0	<1.0	9.90	17.7	179
B-5	1/19/2005	420	198	<2.5	<2.5	<2.5	8.12	18.7	67.5
B-5	4/25/2005	460	216	<2.5	<2.5	<2.5	13.5	21.0	133
B-5	7/27/2005	420	259	<2.5	<2.5	<2.5	10.8	18.9	93.2
B-5	10/24/2005	<250	18.8	<1.0	<1.0	<1.0	3.96	13.6	<20
B-5	1/24/2006	320	105	<2.5	<2.5	<2.5	14.5	33.8	106
B-5	4/12/2006	380	149	<2.5	<2.5	<2.5	7.04	15.7	64.0

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B-5	8/11/2006	<50	13.8	<1.0	<1.0	<1.0	4.25	10.3	<20
B-5	10/9/2006	180	81.5	<0.50	<0.50	<0.50	10.4	26.8	46.9
B-5	1/9/2007	360	187	<1.0	<1.0	<1.0	4.60	8.67	<20
B-5	4/9/2007	130	41.2	<1.0	<1.0	<1.0	14.5	32.0	<20
B-5	7/23/2007	290	204	<1.0	<1.0	<1.0	6.79	14.4	103
B-5	10/11/2007	430	273	<2.5	<2.5	<2.5	7.73	14.7	171
B-5	1/29/2008	75	18.7	<2.5	<2.5	<2.5	<5.0	12.9	<50
B-5	4/21/2008	150	52.1	<2.5	<2.5	<2.5	7.46	18.6	<50
B-6	6/20/1989	8,700	8,500	<50	<50	<50	—	—	—
B-6	9/22/1989	300	1,400	20	24	10	—	—	—
B-6	12/18/1989	3,000	2,100	11	21	10	—	—	—
B-6	3/20/1996	460	380	0.8	<0.5	0.6	140	—	—
B-6	6/21/1996	1,100	750	0.70	4.9	1.7	80	—	—
B-6	9/24/1996	1,200	1,100	0.8	5.8	2.4	49	—	—
B-6	12/12/1996	1,100	980	2.3	7.8	3.2	42	—	—
B-6	4/21/1997	760	660	<0.5	3.2	0.9	50	—	—
B-6	7/11/1997	<50	<0.5	<0.5	<0.5	<0.5	56	—	—
B-6	10/30/1997	560	290	<0.5	2.0	1.0	20	—	—
B-6	5/5/1998	1,900	1,100	2.6	6.3	2.2	130	—	—
B-6	8/4/1998	1,500	1,000	1.1	6.9	1.8	50	—	—
B-6	12/11/1998	710	520	<0.5	1.9	<0.5	22	—	—
B-6	7/29/1999	1,000	870	0.50	4.3	1.2	44	—	—
B-6	3/9/2000	2,000	1,000	1.7	3.1	1.2	38	—	—
B-6	6/22/2000	2,100	1,500	1.9	3.4	1.7	36	—	—
B-6	9/20/2000	2,200	1,600	3.0	3.5	6.3	35	—	—
B-6	12/21/2000	1,600	910	<3.0	5.7	<3.0	34	—	—
B-6	4/4/2001	1,800	870	<50.0	<50.0	<50.0	<500	<50.0	<1,000
B-6	12/5/2001	940	873	52.5	<25	105	125	90.5	<500

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B-6	3/14/2002	**3,000**	**3,000**	<25	<25	<25	**60.0**	**200**	<500
B-6	6/26/2002	**1,400**	**924**	<10	<10	<10	**39.9**	**73.2**	<200
B-6	9/4/2002	**950**	**1,080**	<10	<10	<10	**23.8**	**66.7**	<200
B-6	1/29/2003	**350**	**302**	<2.5	<2.5	<2.5	**19.0**	**29.7**	<50
B-6	4/30/2003	**140**	**110**	<2.5	<2.5		**15.9**	**22.3**	<50
B-6	7/29/2003	**750**	**618**	**2.56**	<2.5	**2.91**	**24.2**	**49.7**	<50
B-6	10/16/2003	**1,000**	**618**	<2.5	<2.5	<2.5	**14.4**	**38.7**	<50
B-6	1/28/2004	**1,900**	**490**	<30	<50	<50	<50	<50	<1,000
B-6	4/21/2004	**810**	**603**	<2.5	<2.5	<2.5	**17.8**	**38.5**	**366**
B-6	7/14/2004	**540**	**476**	<2.5	<2.5	<2.5	**17.5**	**26.1**	**360**
B-6	10/27/2004	**440**	**391**	<2.5	<2.5	<2.5	**15.4**	**27.8**	**165**
B-6	1/19/2005	**1,100**	**572**	<2.5	**2.11**	<2.5	**15.1**	**30.6**	**117**
B-6	4/25/2005	**1,300**	**604**	<2.5	<2.5	<2.5	**19.7**	**37.7**	**218**
B-6	7/27/2005	**750**	**475**	<5.0	<5.0	<5.0	**20.0**	**33.9**	<100
B-6	10/24/2005	<500	**344**	<5.0	<5.0	<5.0	**15.6**	**30.1**	<10
B-6	1/24/2006	**720**	**364**	<5.0	<5.0	<5.0	<10	**21.3**	<100
B-6	4/12/2006	<500	**124**	<5.0	<5.0	<5.0	**11.3**	**17.5**	<100
B-6	8/11/2006	**300**	**167**	<5.0	<5.0	<5.0	**16.7**	**23.3**	<100
B-6	10/9/2006	**530**	**347**	<2.5	<2.5	<2.5	**12.5**	**27.2**	**100**
B-6	1/9/2007	**740**	**462**	<2.5	<2.5	<2.5	**12.5**	**27.3**	<50
B-6	4/9/2007	**340**	**351**	<2.5	<2.5	<2.5	**14.5**	**28.1**	**90.9**
B-6	7/23/2007	**460**	**331**	<2.5	<2.5	<2.5	**12.1**	**22.3**	**104**
B-6	10/11/2007	**330**	**218**	<2.5	<2.5	<2.5	**12.8**	**16.4**	**74.6**
B-6	1/29/2008	**200**	**137**	<2.5	<2.5	<2.5	**11.0**	**16.0**	<50
B-6	4/21/2008	**570**	**358**	<2.5	<2.5	<2.5	**11.8**	**21.7**	<50

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B-7	6/20/1989	**9,500**	**8,600**	<50	<50	**350**	—	—	—
B-7	9/22/1989	<100	<0.3	<0.3	<0.3	<0.3	—	—	—
B-7	12/18/1989	<100	**1**	<0.3	<0.3	<0.3	—	—	—
B-7	3/20/1996	<50	**5.0**	**0.7**	<0.5	**0.7**	<5.0	—	—
B-7	6/21/1996	<50	<0.5	<0.5	<0.5	<0.5	<5.0	—	—
B-7	9/24/1996	<50	**4.5**	<0.5	<0.5	<0.5	<5.0	—	—
B-7	12/12/1996	<50	<0.5	<0.5	<0.5	<0.5	<5.0	—	—
B-7	4/21/1997	<50	<0.5	<0.5	<0.5	<0.5	<5.0	—	—
B-7	7/11/1997	<50	<0.5	<0.5	<0.5	<0.5	<5.0	—	—
B-7	10/30/1997	<50	**19**	<0.5	<0.5	<0.5	<5.0	—	—
B-7	5/5/1998	<50	**17**	<0.5	<0.5	<0.5	<5.0	—	—
B-7	8/4/1998	**110**	**5.1**	<0.5	<0.5	**1.8**	<5.0	—	—
B-7	12/11/1998	<50	<0.5	<0.5	<0.5	<0.5	<5.0	—	—
B-7	7/29/1999	<50	<0.5	<0.5	<0.5	<0.5	<5.0	—	—
MW-1	1/4/1998	<50	<0.5	<0.5	<0.5	<0.5	<5.0	—	—
MW-1	5/5/1998	<50	<0.5	<0.5	<0.5	<0.5	<5.0	—	—
MW-1	8/4/1998	<50	<0.5	<0.5	<0.5	<0.5	<5.0	—	—
MW-1	12/11/1998	<50	<0.5	<0.5	<0.5	<0.5	<5.0	—	—
MW-1	7/29/1999	<50	<0.5	<0.5	<0.5	<0.5	<5.0	—	—
MW-1	3/9/2000	<50	<0.5	<0.5	<0.5	<0.5	<5.0	—	—
MW-1	12/5/2001	<50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<10
MW-1	3/14/2002	<50	<0.50	**1.60**	<0.50	**2.48**	<1.0	<0.50	<10
MW-1	6/26/2002	<50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<10
MW-1	9/4/2002	<50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<10
MW-1	1/29/2003	<50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<10
MW-1	4/30/2003	<50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<10

TABLE 2.
Groundwater Analytical Results
1620 South Delaware Street, San Mateo, California

Well/ Standpipe Number	Date Sampled	TPH as gasoline (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Xylenes (µg/l)	MTBE* (µg/l)	1,2-di-chloroethane (µg/l)	tert-butyl alcohol (µg/l)
MW-1	7/29/2003	<50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<10
MW-1	10/16/2003	<50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<10
MW-1	1/28/2004	<50	<30	<30	<50	<50	<1.0	<50	<1,000
MW-1	4/21/2004	<50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<10
MW-1 [D]	7/14/2004	<50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<10
MW-1	10/27/2004	<50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<10
MW-1	4/12/2006	<50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<10
MW-1	8/11/2006	<50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<10
MW-1	10/9/2006	<50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<10
MW-1	1/9/2007	<50	<0.50	<0.50	<0.50	<0.50	**1.06**	<0.50	<10
MW-1	4/9/2007	<50	<0.50	<0.50	<0.50	<0.50	**1.10**	<0.50	<10
MW-1	7/23/2007	<50	<0.50	<0.50	<0.50	<0.50	**1.65**	<0.50	<10
MW-1	1/29/2008	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10
MW-2	12/5/2001	**3,500**	**3,340**	**17.8**	**40.8**	**50.7**	**68.0**	**123**	<300
MW-2	4/2/2002	**3,000**	**1,660**	<5.0	<5.0	**14.8**	**29.4**	**69.6**	<100
MW-2	6/26/2002	**2,000**	**1,150**	<2.5	<2.5	**5.00**	**23.9**	**53.5**	<50
MW-2	9/4/2002	**2,000**	**1,350**	<5.0	**9.10**	**11.2**	**11.3**	**55.1**	<100
MW-2	1/29/2003	**1,700**	**905**	<2.5	**5.46**	**11.6**	**17.3**	**36.8**	<50
MW-2	4/30/2003	**1,400**	**1,020**	<2.5	**2.85**	**6.00**	**23.9**	**43.9**	<50
MW-2	7/29/2003	**1,500**	**1,180**	**3.07**	**4.93**	**12.2**	**19.5**	**57.7**	<50
MW-2	10/16/2003	**1,100**	**713**	<5.0	<5.0	<5.0	**33.8**	**50.9**	<100
MW-2	1/28/2004	**3,100** [C]	**640**	<15	<25	<25	<25	**34**	<500
MW-2	4/21/2004	**1,200**	**852**	<5.0	**5.66**	**11.1**	<10	**38.8**	**1,060**
MW-2 [D]	7/14/2004	**870**	**896**	<5.0	**7.35**	**14.4**	<10	**33.8**	**1,130**
MW-2	10/27/2004	**840**	**716**	<5.0	**4.07**	**5.34**	**7.95**	**34.9**	**576**
MW-2	4/12/2006	**640**	**516**	<2.5	**3.64**	**7.00**	**8.15**	**27.4**	**372**
MW-2	8/11/2006	**190**	**100**	<2.5	<2.5	<2.5	**11.9**	**18.0**	**45.5**

TABLE 2.
Groundwater Analytical Results
1620 South Delaware Street, San Mateo, California

Well/ Standpipe Number	Date Sampled	TPH as gasoline (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Xylenes (µg/l)	MTBE* (µg/l)	1,2-di-chloroethane (µg/l)	tert-butyl alcohol (µg/l)
MW-2	10/9/2006	550	283	<2.5	<2.5	<2.5	12.1	26.7	124
MW-2	1/9/2007	870	456	<2.5	<2.5	4.26	6.21	23.6	248
MW-2	4/9/2007	710	478	<2.5	<2.5	4.42	9.61	30.0	240
MW-2	7/23/2007	200	197	<2.5	<2.5	<2.5	9.75	21.9	104
MW-2	1/29/2008	130	46.5	<2.5	<2.5	<2.5	7.40	15.9	<50
MW-2	4/21/2008	130	40.6	<2.5	<2.5	<2.5	9.34	13.7	<50
SPB	6/22/2000	450	4.5	6.0	0.85	<0.5	<5.0	—	—
SPB	9/20/2000	610	11	14	<2.5	<2.5	<25.0	—	—
SPB	12/21/2000	820	1.0	6.9	<0.5	<0.5	<5.0	—	—
SPB	12/5/2001	130	10.9	<0.50	<0.50	1.22	<1.0	<0.50	<10
SPB	3/14/2002	100	4.40	2.20	<0.50	1.35	8.05	<0.50	<10
SPB	6/26/2002	590	189	<5.0	32.7	<5.0	19.3	21.9	<100
SPB	1/29/2003	260	226	2.57	24.2	4.13	<5.0	<2.5	<50
SPB	4/30/2003	360	154	<2.5	17.4	4.15	<5.0	<2.5	<50
SPB	7/29/2003	370	30.0	3.02	4.49	6.95	10.6	10.5	<50
SPB	10/16/2003	180	3.98	<2.5	<2.5	<2.5	9.98	12.9	<50
SPB	4/21/2004	150	<2.5	<2.5	<2.5	<2.5	64.9	13.5	<50
SPB	4/22/2005	440	103	<2.5	13.0	<2.5	27.5	12.5	<50
SPC (B-2)	3/20/1996	4,900	770	30	360	420	18	—	—
SPC	6/21/1996	4,000	500	21	230	190	19	—	—
SPC	9/24/1996	4,900	2,100	22	160	46	50	—	—
SPC	12/12/1996	2,600	1,400	25	40	12	80	—	—
SPC	4/21/1997	2,300	430	26	88	25	<50	—	—
SPC	7/11/1997	2,900	1,100	22	<5.0	8.8	<50	—	—
SPC	10/30/1997	1,700	560	8.3	18	4.8	35	—	—
SPC	5/5/1998	1,000	43	15	15	2.8	23	—	—
SPC	8/4/1998	8,000	3,500	51	91	45	75	—	—
SPC	12/11/1998	3,000	1,400	19	2.9	8.3	60	—	—

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1620 South Delaware Street, San Mateo, California

Well/ Standpipe Number	Date Sampled	TPH as gasoline (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Xylenes (µg/l)	MTBE* (µg/l)	1,2-di-chloroethane (µg/l)	tert-butyl alcohol (µg/l)
SPC	7/29/1999	4,500	2,400	21	58	28	76	—	—
SPC	3/9/2000	1,700	3.3	3.9	<0.5	2.1	8.7	—	—
SPC	6/22/2000	1,500	620	8.9	18	<2.5	45	—	—
SPC	9/20/2000	5,200	2,600	8.1	30	<2.5	80	—	—
SPC	12/21/2000	1,500	500	21	58	11	<50.0	—	—
SPC	12/5/2001	110	94.9	<0.50	10.3	2.05	<1.0	<0.50	80.5
SPC	3/14/2002	410	115	3.02	1.69	2.00	14.6	20.5	<10
SPC	6/26/2002	3,400	2,470	12.6	49.3	<10	24.0	48.6	<200
SPC	1/29/2003	80	78.5	<2.5	6.23	3.15	<5.0	<2.5	<50
SPC	4/30/2003	1,900	142	<2.5	<2.5	<2.5	<5.0	<2.5	<50
SPC	7/29/2003	180	108	5.16	6.91	13.0	13.0	14.1	<50
SPC	10/16/2003	4,100	3,380	<10	20.7	<10	46.5	80.3	<200
SPC	1/28/2004	12,000	2,500	33	410	<50	<50	<50	<1,000
SPC	7/14/2004	420	401	<10	<10	<10	39.2	<10	<200
SPC	10/27/2004	490	209	<10	<10	<10	<20	<10	<200
SPC	1/19/2005	640	108	4.87	2.71	2.64	18.0	<2.5	<50
SPC	4/22/2005	2,800	1,380	56.0	81.8	16.3	30.1	40.4	<200
SPC	7/27/2005	10,000	4,360	35.3	292	29.8	54.3	111	450
SPC	10/24/2005	2,700	1,850	<10	61.7	<10	31.2	51.8	<100
SPC	1/26/2006	4,400	1,780	176	72.6	39.7	34.6	46.8	<200
SPC	4/12/2006	<250	92.7	17.6	8.68	4.65	5.57	7.00	<50
SPC	8/11/2006	1,500	832	<5.0	51.5	<5.0	13.8	19.6	<100
SPC	10/9/2006	620	363	<5.0	12.6	<5.0	<10	8.40	<10
SPC	1/9/2007	4,800	3,200	201	365	53.9	36.0	60.8	<100
SPC	4/9/2007	5,300	4,460	84.4	461	57.6	82.3	113	<500
SPC	7/23/2007	2,400	2,380	<25	154	<25	<50	53.8	<500
SPC	10/11/2007	5,500	4,880	<25	289	<25	55.3	86.6	<500
SPC	1/29/2008	60	24.1	<2.5	2.59	<2.5	<5.0	<2.5	<50
SPC	4/21/2008	340	146	<2.5	8.23	<2.5	5.42	5.75	<50

TABLE 2.
Groundwater Analytical Results
1620 South Delaware Street, San Mateo, California

Well/ Standpipe Number	Date Sampled	TPH as gasoline (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Xylenes (µg/l)	MTBE* (µg/l)	1,2-di-chloroethane (µg/l)	tert-butyl alcohol (µg/l)
SPF	3/20/1996	**4,000**	**880**	**39**	**240**	**43**	**21**	—	—
SPF	6/21/1996	**2,800**	**710**	**29**	**130**	**27**	**19**	—	—
SPF	9/24/1996	**4,700**	**310**	**73**	**56**	**27**	**17**	—	—
SPF	12/12/1996	**3,400**	**520**	**40**	**180**	**33**	<50	—	—
SPF	4/21/1997	**3,500**	**540**	**40**	**220**	**22**	<50	—	—
SPF	7/11/1997	**460**	**78**	**13**	<0.5	**3.1**	<5.0	—	—
SPF	10/30/1997	**3,200**	**550**	**22**	**17**	**16**	**52**	—	—
SPF	5/5/1998	**1,600**	**120**	**20**	**53**	**4.2**	**31**	—	—
SPF	8/4/1998	**1,800**	**98**	**28**	**6.8**	**3.4**	**15**	—	—
SPF	12/11/1998	**230**	**2.3**	**15**	<0.5	**1.9**	**6.2**	—	—
SPF	7/29/1999	**1,100**	**83**	**24**	4.4	**4.0**	**14**	—	—
SPF	10/16/2003	**1,500**	**965**	<10	**10.3**	<10	**80.9**	<10	<200
SPF	4/22/2005	**3,100**	**1,310**	<25	**37.9**	<25	<50	<25	<500
SPG	6/22/2000	**110**	<0.5	**6.1**	<0.5	<0.5	<5.0	—	—
SPG	9/20/2000	**2,400**	**3.8**	**62**	**6.2**	**17**	<25	—	—
SPG	12/21/2000	**120**	**120**	**4.3**	<0.5	<0.5	**17**	—	—
SPG	4/25/2005	**55**	**10.0**	<0.50	<0.50	<0.50	**11.1**	**21.0**	**78.7**
SP-1	4/4/2001	<50	**1.95**	<0.5	<0.5	<0.5	<5.0	**4.67**	<10
SP-2	4/26/2005	**870**	**510**	<2.5	<2.5	<2.5	**26.8**	**86.1**	**545**
SP-4	4/25/2005	**2,700**	**1,480**	<5.0	**12.9**	<5.0	**57.1**	**43.0**	**722**
DSP-2 (SVE)	10/16/2003	<50	<0.50	<0.50	<0.50	<0.50	**1.56**	<0.50	<10
DSP-2 (SVE)	4/26/2005	<50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<10
DSP-2 (sparge)	4/4/2001	**848**	**377**	<5.0	<5.0	<5.0	<50.0	<5.0	<100
DSP-2 (sparge)	4/26/2005	**1,200**	**498**	<2.5	<2.5	<2.5	**16.4**	**26.8**	**525**

TABLE 2.
Groundwater Analytical Results
1620 South Delaware Street, San Mateo, California

Well/ Standpipe Number	Date Sampled	TPH as gasoline (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Xylenes (µg/l)	MTBE* (µg/l)	1,2-di-chloroethane (µg/l)	tert-butyl alcohol (µg/l)
DSP-3 (SVE)	4/25/2005	<100	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<20
DSP-4 (SVE)	4/25/2005	**2,500**	**907**	<25	**312**	<25	<50	<25	<500
DSP-4 (sparge)	4/25/2005	<2,500	**1,880**	<25	<25	<25	<50	**66.3**	<500
DSP-5 (SVE)	10/16/2003	<50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<10
DSP-5 (SVE)	4/22/2005	<250	<2.5	<2.5	<2.5	<2.5	<5.0	<25	<50
DSP-5 (sparge)	4/22/2005	**2,700**	**1,150**	**1.17**	**3.96**	**5.03**	**35.3**	**57.8**	**623**

Groundwater samples for March, June, and December 1989 collected and reported by Dames & Moore. Data included in Dames & Moore monitoring reports, dated May 5, 1988, August 2, 1989, and January 3, 1989

DSP (SVE) wells are screened from 2 to 5 feet bgs, and DSP (sparge) wells are screened from 11 to 12 feet bgs.

Laboratory dilution factor may increase reporting limit, see original data reports for dilution factors

Less than symbol indicates not detected at specified laboratory reporting limit

µg/l = micrograms per liter

MTBE = methyl tert butyl ether

TPH = total petroleum hydrocarbons

— = not analyzed

* after 2000, analyzed using EPA Test Method 8260 for petroleum oxygenates and lead scavengers, only those detected are listed

[A] result does not include MTBE component

[B] analytical report states "The reporting limits for this analysis are elevated due to sample foaming"

[C] analytical report states "Results in the gasoline organics range are primarily due to a single unknown peak"

[D] based on analytical data it appears that samples MW-1 and MW-2 were mislabeled in the field. Data has been input as it appears appropriate

Di-isopropyl ether (DIPE) reported at 1.27 µg/l

TABLE 3.
Well Construction Details
1620 South Delaware Street
San Mateo, California

Well/ Standpipe Number	Date Installed	Installed by	Borehole Diameter (inches)	Total Borehole Depth (feet)	Screened Interval (feet)	Total Well Depth (feet)	Casing Diameter (inches)	Screen Slot Size (inches)	Casing Elevation (ft, MSL)	Existing or Abandoned
B-1*	Oct-84	Dames and Moore	-	-	-	-	-	-	3.00	Existing
B-2*	Oct-84	Dames and Moore	-	-	-	-	-	-	-	Abandoned
B-3*	Oct-84	Dames and Moore	-	-	-	15	2	-	4.51	Existing
B-4*	Oct-84	Dames and Moore	-	-	-	12	2	-	3.54	Existing
B-5*	1985	Dames and Moore	-	-	-	13	2	-	2.97	Existing
B-6*	1985	Dames and Moore	-	-	-	13	2	-	3.61	Existing
B-7*	2/6/1986	Dames and Moore	8	15	3.4 to 13	14	2	0.020	-	Can't Locate
SPA (SVE-1)**	Jul-86	AEMC	na	na	between 2.5 to 10 and 4 to 8	8 to 10	4	0.020	4.55	Existing
SPB**	Jul-86	AEMC	na	na	between 2.5 to 10 and 4 to 8	8 to 10	4	0.020	4.03	Existing
SPC**	Jul-86	AEMC	na	na	between 2.5 to 10 and 4 to 8	8 to 10	4	0.020	3.60	Existing
SPD**	Jul-86	AEMC	na	na	between 2.5 to 10 and 4 to 8	8 to 10	4	0.020	-	Abandoned
SPF**	Jul-86	AEMC	na	na	between 2.5 to 10 and 4 to 8	8 to 10	4	0.020	2.78	Existing
SPG**	Jul-86	AEMC	na	na	between 2.5 to 10 and 4 to 8	8 to 10	4	0.020	4.32	Existing
RW-1 (EW-1)	Jul-86	AEMC	14?	20	2 to 15	20	10	0.020	-	Abandoned
SP-1***	Oct-99	BAI	8	12	11 to 12	12	1	0.020	3.37	Existing
SP-2***	Oct-99	BAI	8	12	11 to 12	12	1	0.020	2.99	Existing
SP-3***	Oct-99	BAI	8	12	11 to 12	12	1	0.020	3.57	Existing
SP-4***	Oct-99	BAI	8	12	11 to 12	12	1	0.020	2.36	Existing

TABLE 3.
Well Construction Details
1620 South Delaware Street
San Mateo, California

Well/ Standpipe Number	Date Installed	Installed by	Borehole Diameter (inches)	Total Borehole Depth (feet)	Screened Interval (feet)	Total Well Depth (feet)	Casing Diameter (inches)	Screen Slot Size (inches)	Casing Elevation (ft, MSL)	Existing or Abandoned
DSP-1****	Oct-99	BAI	10	12	2 to 5 (4") and 11 to 12 (1")	12	4 and 1	0.020	4.35	Existing
DSP-2****	Oct-99	BAI	10	12	2 to 5 (4") and 11 to 12 (1")	12	4 and 1	0.020	3.93	Existing
DSP-3****	Oct-99	BAI	10	12	2 to 5 (4") and 11 to 12 (1")	12	4 and 1	0.020	2.99	Existing
DSP-4****	Oct-99	BAI	10	12	2 to 5 (4") and 11 to 12 (1")	12	4 and 1	0.020	2.64	Existing
DSP-5****	Oct-99	BAI	10	12	2 to 5 (4") and 11 to 12 (1")	12	4 and 1	0.020	3.53	Existing
EW-1	Oct-99	BAI	10	16	6 to 16	16	4	0.020	4.56	Existing
MW-1*	12/11/1997	BAI	8	16	5 to 15	15	2	0.020	3.29	Existing
MW-2*	9/4/2001	BAI	8	16	5 to 15	15	2	0.020	2.57	Existing

Wells were resurveyed on May 7, 2001 by R.W. Davis and Associates, Land Surveyors to MSL; Wells B-5 and SPF surveyed by BAI to MSL on May 30, 2001 due to omission on May 7, 2001. Well B-7 has not been found since site re-development

MSL = mean sea level

na = not applicable

* Monitoring well

** Standpipe in french drain

*** Sparge point

**** Dual sparge/SVE

Table 4. Remediation System Data and Petroleum Hydrocarbon Removal Estimate
1620 South Delaware Street, San Mateo, California

REPORTING PERIOD: 10/25/00 through 11/15/05

SITE VISIT		SOIL VAPOR EXTRACTION SYSTEM										AIR STRIPPER EXTRACTION SYSTEM						
DATE	TIME	SYSTEM (on / off)	ESTIMATED OPERATION* (hours)	OPEN EXTRACTION WELLS	AIR STRIPPER FLOW (29) (scfm)	SOIL VAPOR FLOW (12) (scfm)	EST. AVG. VAPOR (mg / m3)	INFLUENT VAPOR READING (ppm)	EQUIVALENT HEPTANE CONC. (6) (mg / m3)	LAB ANALYSIS TPH-GAS (mg / m3)	TPH REMOVAL (est. pounds)	WATER METER READING (gallons)	WATER PROCESSED (gallons)	EST. TPH in WATER (mg / L)	LAB ANALYSIS TPH-GAS (mg / L)	STRIPPER REMOVED TPH-GAS (est. pounds)	SYSTEM VAPOR FLOW RATE (23) (scfm)	TOTAL TPH-GAS REMOVED (7),(13) (pounds)
10/25/00	7:09	on	0	EW-1, DSP-2		44	270	90	648		**0.0**	4217	0	0		**0.0**	124	**0.0**
10/26/00	14:18	on	31	EW-1, DSP-2		53	285	95	684	683	**10.6**	8320	4103	0.0656	0.0656 (27)	**0.0**	133	**10.6**
10/31/00	6:45	on	112	EW-1, DSP-2		54	285	95	684		**38.4**	14510	6190	0.0656		**0.0**	134	**38.4**
11/02/00	7:06	on	48	EW-1, DSP-2		54	285	95	684		**16.5**	15740	1230	0.0656		**0.0**	134	**16.5**
11/06/00	7:24	on	96	EW-1, DSP-2		52	285	95	684		**32.5**	18052	2312	0.0656		**0.0**	132	**32.5**
11/13/00	7:18	on	168	EW-1, DSP-2		53	285	95	684		**57.2**	21630	3578	0.0656		**0.0**	133	**57.2**
11/14/00	12:50	on	29	EW-1, DSP-2		48	75	25	180		**2.5**	22367	737	0.0656		**0.0**	128	**2.5**
11/28/00	5:19	on	328	EW-1, DSP-2		49	75	N/A	180		**28.5**	28100	5733	0.0656		**0.0**	129	**28.5**
12/08/00	15:00	off	48	EW-1, DSP-2		0	0	0	0		**0.0**	N/A	0	0.0656		**0.0**	0	**0.0**
12/13/00	11:30	restart	0	EW-1, DSP-2		21	165	55	396	<10	**0.0**	28650	550	0.0656		**0.0**	101	**0.0**
12/19/00	9:30	off	0	EW-1, DSP-2		0	0	0	0		**0.0**	37540	8890	0.0656		**0.0**	0	**0.0**
01/10/01	11:30	off	0	EW-1, DSP-2		0	0	0	0		**0.0**	N/A	0	0.0656		**0.0**	0	**0.0**
01/17/01	12:45	off	0	DSP-3, DSP-4, DSP-5		0	0	0	0		**0.0**	N/A	0	0.0656		**0.0**	0	**0.0**
01/24/01	9:45	off	0	DSP-3, DSP-4, DSP-5		0	0	0	0		**0.0**	N/A	0	0.0656		**0.0**	0	**0.0**
02/05/01	8:15	on	0	DSP-3, DSP-4, DSP-5		35	75	25	180		**0.0**	N/A	0	0.0656		**0.0**	115	**0.0**
02/20/01	6:00	off	0	DSP-3, DSP-4, DSP-5		0	0	0	0		**0.0**	N/A	0	0.0656		**0.0**	0	**0.0**
05/30/01	12:07	restart	0	all		29	75	25	180		**0.0**	37754	214	0.848	0.848	**0.0**	109	**0.0**
06/05/01	9:30	on	141	all		24	0	0	0		**0.0**	47505	9751	0.848		**0.1**	104	**0.0**
06/11/01	6:00	on	141	all		45	0	0	0		**0.0**	49555	2050	0.848		**0.0**	125	**0.0**
04/02/02	13:00	off (1)	0	DSP-2,DSP-3,DSP-4,DSP-5,EW-1		0	0	0	0		**0.0**	49750	195	0.848		**0.0**	0	**0.0**
04/10/02	13:15	restart	3	DSP-2,DSP-3,DSP-4,DSP-5,EW-1		33	0	0	0	<10	**0.0**	49880	130	0.848		**0.0**	113	**0.0**
04/18/02	13:00	on	192	DSP-2,DSP-3,DSP-4,DSP-5,EW-1		42	15	5	36		**3.2**	50090	210	0.41	0.41	**0.0**	122	**3.2**
04/30/02	8:30	off (2)	0	DSP-2,DSP-3,DSP-4,DSP-5,EW-1		26	0	0	0		**0.0**	50390	300	0.41		**0.0**	106	**0.0**
05/08/02	8:30	off (2)	0	DSP-2,DSP-3,DSP-4,DSP-5,EW-1		35	0	0	0		**0.0**	51940	1550	0.41		**0.0**	115	**0.0**
05/30/02	9:30	off (2)	0	DSP-2,DSP-3,DSP-4,DSP-5,EW-1		37	0	0	0		**0.0**	54870	2930	0.41		**0.0**	117	**0.0**
06/12/02	10:30	off (2)	0	DSP-2,DSP-3,DSP-4,DSP-5,EW-1		45	0	0	0		**0.0**	62602	7732	0.41		**0.0**	119	**0.0**
06/18/02	14:15	restart	140	DSP-2,DSP-3,DSP-4,DSP-5,EW-1		35	120	40	288		**17.4**	62783	181	0.41		**0.0**	115	**17.4**
06/26/02	7:00	off	0	DSP-2,DSP-3,DSP-4,DSP-5,EW-1		0	0	0	0		**0.0**	62937	154	0.41		**0.0**	0	**0.0**
07/10/02	10:45	off	0	DSP-2,DSP-3,DSP-4,DSP-5,EW-1		0	0	0	0		**0.0**	N/A	0	0.41		**0.0**	0	**0.0**
08/20/02	8:15	restart (3)	0	DSP-2,DSP-3,DSP-4,DSP-5,EW-1		16	0	0	0		**0.0**	64240	1303	0.41		**0.0**	96	**0.0**
08/22/02	11:45	on	52	DSP-2,DSP-3,DSP-4,DSP-5,EW-1		24	30	10	72		**1.5**	66480	2240	0.41		**0.0**	104	**1.5**
08/29/02	6:30	restart (4)	0	DSP-2,DSP-3,DSP-4,DSP-5,EW-1		10	0	0	0		**0.0**	66760	280	3.0	3.0	**0.0**	90	**0.0**
09/04/02	11:00	on	148	DSP-2,DSP-3,DSP-4,DSP-5,EW-1		19	30	10	72		**3.9**	68790	2030	3.0		**0.1**	99	**4.0**
09/11/02	6:15	off (5)	0	DSP-2,DSP-3,DSP-4,DSP-5,EW-1		34	0	0	0		**0.0**	69730	940	3.0		**0.0**	114	**0.0**
09/23/02	13:00	restart (5)	0	DSP-2,DSP-3,DSP-4,DSP-5,EW-1		20	0	0	0		**0.0**	72230	2500	3.0		**0.1**	100	**0.0**
09/25/02	6:45	on	42	SVE-1, DSP-2, DSP-3, DSP-4, DSP-5, EW-1		37	135	45	324		**6.0**	72610	380	3.0		**0.0**	117	**6.0**
09/26/02	8:15	on	25	SVE-1, EW-1, DSP-5		27	300	100	720		**7.2**	72810	200	3.0		**0.0**	107	**7.2**
10/02/02	7:00	on	143	SVE-1, DSP-2, DSP-3, DSP-4, DSP-5, EW-1		47	240	40	576		**35.8**	74040	1230	3.0		**0.0**	116	**35.8**
11/07/02	12:00	on	869	DSP-2, DSP-3, DSP-4, DSP-5, EW-1		30	45	15	108		**38.5**	81800	7760	3.0		**0.2**	110	**38.7**
12/17/02 (8)	12:30		8	DSP-2, DSP-3, DSP-4, DSP-5, EW-1		30	45	15	108		**0.4**	81871	71	3.0		**0.0**	110	**0.4**
9/17/2003 (9),(11),(20)	10:00	restart	0	all		0	137	45.7	329		**0.0**	85129	3258	3.0		**0.1**	74	**0.0**
9/17/2003 (9),(20)	13:00	off	3	all		0	137	45.7	329		**0.3**	85200	71	3.0		**0.0**	74	**0.3**
9/25/2003 (10),(20)	9:00	restart	0	all		0	137	45.7	329		**0.0**	85200	0	3.0		**0.0**	74	**0.0**
10/1/2003 (20)	9:30	on	168.5	all	50	112	137	45.7	329		**33.5**	89190	3990	3.0		**0.1**	162	**33.6**
10/8/2003(19),(22)	17:00	off	87.8	all	20	98	104	34.7	250		**9.6**	89630	440	3.0		**0.0**	118	**9.7**
10/8/2003 (15), (22)	17:30	restart	0.0	all	20	98	104	34.7	250		**0.0**	89630	0	3.0		**0.0**	118	**0.0**
10/16/2003 (14), (15), (19), (22)	8:00	off	91.3	all	50	68	104	34.7	250		**9.5**	112365	22735	3.0		**0.6**	118	**10.1**
10/16/2003 (14), (15), (22)	9:00	restart	0.0	all	50	68	104	34.7	250		**0.0**	112365	0	3.0		**0.0**	118	**0.0**
10/30/2003 (14), (22)	14:00	on	341.0	all	60	58	71	23.6	170	290	**19.8**	341824	229459	3.0		**5.8**	118	**25.6**
11/3/2003(19)	12:05	off	47.0	DSP-2,DSP-3,DSP-4,DSP-5, EW-1	60	28	89	29.6	213		**3.0**	N/A (16)	14100	3.0		**0.4**	88	**3.3**
11/03/03	16:00	restart	0.0	DSP-2,DSP-3,DSP-4,DSP-5, EW-1	60	28	89	29.6	213		**0.0**	N/A (16)	0	3.0		**0.0**	88	**0.0**
11/7/2003 (17), (19)	10:00	off	45.0	DSP-3,DSP-4,DSP-5	55	33	68	22.7	163		**2.1**	N/A (16)	13500	3.0		**0.3**	88	**2.4**
11/7/2003 (17)	10:30	restart	0.0	DSP-3,DSP-4,DSP-5	55	33	68	22.7	163		**0.0**	N/A (16)	0	3.0		**0.0**	88	**0.0**
11/13/2003 (16)	8:00	on	141.5	DSP-1, DSP-2, DSP-3, DSP-4, DSP-5	65	72	47	15.8	114		**7.2**	582010	42450	3.0		**1.1**	137	**8.3**
11/20/2003 (18), (22)	14:00	on	174.0	DSP-1, DSP-2, DSP-3, DSP-4, DSP-5	60	77	69	23.1	166	78	**13.7**	628190	46180	3.0		**1.2**	137	**14.9**
11/25/2003(19)	11:00	off	58.5	DSP-1, DSP-2, DSP-3, DSP-4, DSP-5, EW-1	60	31	73	24.3	175		**3.0**	646090	17900	3.0		**0.4**	91	**3.5**
11/25/03	12:00	restart	0.0	DSP-2, DSP-3, DSP-4, DSP-5, EW-1	60	31	73	24.3	175		**0.0**	646090	0	3.0		**0.0**	91	**0.0**

Table 4. Remediation System Data and Petroleum Hydrocarbon Removal Estimate
1620 South Delaware Street, San Mateo, California

REPORTING PERIOD: 10/25/00 through 11/15/05

SITE VISIT		SOIL VAPOR EXTRACTION SYSTEM										AIR STRIPPER EXTRACTION SYSTEM						
DATE	TIME	SYSTEM (on / off)	ESTIMATED OPERATION* (hours)	OPEN EXTRACTION WELLS	AIR STRIPPER FLOW (29) (scfm)	SOIL VAPOR FLOW (12) (scfm)	EST. AVG. VAPOR (mg / m3)	INFLUENT VAPOR READING (ppm)	EQUIVALENT HEPTANE CONC. (6) (mg / m3)	LAB ANALYSIS TPH-GAS (mg / m3)	TPH REMOVAL (est. pounds)	WATER METER READING (gallons)	WATER PROCESSED (gallons)	EST. TPH in WATER (mg / L)	LAB ANALYSIS TPH-GAS (mg / L)	STRIPPER REMOVED TPH-GAS (est. pounds)	SYSTEM VAPOR FLOW RATE (23) (scfm)	TOTAL TPH-GAS REMOVED (7),(13) (pounds)
12/11/2003(24)	12:00	on	384.0	DSP-2, DSP-3, DSP-4, DSP-5, EW-1	50	6	29	9.8	71		**5.4**	657100	11010	3.0		**0.3**	56	**5.7**
12/16/03	10:30	on	118.5	DSP-2, DSP-3, DSP-4, DSP-5	50	9	21	7.1	51	<15.0	**1.3**	660080	2980	3.0		**0.1**	59	**1.3**
12/23/2003(21)	10:15	on	167.8	DSP-2, DSP-3, DSP-4, DSP-5, EW-1	50	9	24	7.9	57		**2.0**	664200	4120	3.0		**0.1**	59	**2.1**
12/30/03	10:30	on	168.3	DSP-2, DSP-3, DSP-4, DSP-5, EW-1	50	33	26	8.7	21		**0.9**	671757	7557	3.0		**0.19**	83	**1.1**
01/07/04	11:50	on	193.3	DSP-2, DSP-3, DSP-4, DSP-5, EW-1 (1/4 open)	50	24	14	4.6	11		**0.2**	686468	14711	3.0		**0.37**	74	**0.6**
01/14/04	10:00	on	166.2	DSP-2, DSP-3, DSP-4, DSP-5, EW-1 (1/4 open)	50	33	1	0.2	0.5	<15.0	**0.0**	691866	5398	3.0		**0.14**	83	**0.0**
01/21/04	10:40	on	168.7	DSP-2, DSP-3, DSP-4, DSP-5, EW-1	55	28	2	0.6	1		**0.0**	697555	5689	3.0		**0.14**	83	**0.1**
01/27/04	10:15	on	143.6	DSP-2, DSP-3, DSP-4, DSP-5, EW-1	55	28	23	7.6	18		**0.8**	701505	3950	0.7	0.7	**0.02**	83	**0.8**
02/04/04	11:10	on	192.9	DSP-2, DSP-3, DSP-4, DSP-5, EW-1	55	28	2	0.6	1		**0.0**	707822	6317	0.7		**0.04**	83	**0.1**
02/11/04	13:00	on	169.8	DSP-2, DSP-3, DSP-4, DSP-5, EW-1	55	19	1	0.3	1	10	**0.0**	712487	4665	0.24	0.24	**0.01**	74	**0.0**
02/11/04	13:00	off	0.0	--	--	--	--	--	--		**--**	--	--	--	--	**--**	--	**--**
2/18/2004(25)	14:00	restart	0.0	DSP-2, DSP-3, DSP-4, DSP-5, EW-1	50	58	0	0.0	0		**0.0**	712780	293	0.24		**0.00**	108	**0.0**
02/25/04	11:00	on	165.0	DSP-2, DSP-3, DSP-4, DSP-5, EW-1	50	58	12	3.9	9		**0.6**	723817	11037	0.24		**0.02**	108	**0.6**
03/03/04	10:30	on	167.5	DSP-2, DSP-3, DSP-4, DSP-5, EW-1	55	72	1	0.2	0		**0.0**	734713	10896	0.24		**0.02**	127	**0.0**
03/10/04	10:40	on	168.2	DSP-2, DSP-3, DSP-4, DSP-5, EW-1	55	43	22	7.4	18		**1.1**	739889	5176	0.24		**0.01**	98	**1.1**
03/16/04	11:00	on	144.3	DSP-2, DSP-3, DSP-4, DSP-5, EW-1	55	63	6	1.9	5	15	**0.3**	743405	3516	0.24		**0.01**	118	**0.3**
3/24/2004(26)	15:30	off	98.3	DSP-2, DSP-3, DSP-4, DSP-5, EW-1	55	68	2	0.5	1		**0.1**	743820	415	0.24		**0.00**	123	**0.1**
03/24/04	15:30	restart	0.0	DSP-2, DSP-3, DSP-4, DSP-5, EW-1	65	23	3	1.1	3		**0.0**	743820	0	0.24		**0.00**	88	**0.0**
03/31/04	12:00	on	164.5	DSP-2, DSP-3, DSP-4, DSP-5, EW-1	60	48	2	0.7	2		**0.1**	751245	7425	0.24		**0.01**	108	**0.1**
04/06/04	14:30	on	146.5	DSP-2, DSP-3, DSP-4, DSP-5, EW-1	65	53	0	0.0	0	16	**1.0**	754450	3205	0.076	0.076	**0.00**	118	**1.0**
04/07/04	12:00	off	10.8	DSP-2, DSP-3, DSP-4, DSP-5, EW-1	65	nm	nm	nm	nm		**nm**	nm	nm	nm		**nm**	nm	**nm**
04/07/04	13:00	restart	0.0	DSP-2, DSP-3, DSP-4, DSP-5, EW-1	65	0	0	0.0	0		**0.0**	755290	840	0.076		**0.001**	61	**0.0**
04/14/04	10:10	on	165.2	DSP-2, DSP-3, DSP-4, DSP-5, EW-1	65	0	9	3.1	7		**0.3**	758950	3660	0.076		**0.002**	59	**0.3**
04/21/04	10:15	on	168.1	DSP-2, DSP-3, DSP-4, DSP-5, EW-1	65	33	3	0.9	2		**0.1**	762290	3340	0.076		**0.002**	98	**0.1**
04/28/04	11:15	on	169.0	DSP-2, DSP-3, DSP-4, DSP-5, EW-1	65	23	10	3.2	8		**0.4**	766042	3752	0.076		**0.002**	88	**0.4**
05/04/04	11:35	on	144.3	DSP-2, DSP-3, DSP-4, DSP-5, EW-1	65	48	13	4.4	11		**0.6**	768660	2618	0.076		**0.002**	113	**0.6**
05/12/04	11:42	on	192.1	EW-1	65	62	26	8.6	21		**1.9**	771930	3270	0.076		**0.002**	127	**1.9**
05/19/04	10:35	on	166.9	DSP-2, DSP-3, DSP-4, DSP-5, EW-1	65	33	27	8.9	21	15	**0.9**	775070	3140	0.076		**0.002**	98	**0.9**
5/25/2004 (26)	11:30	off	72.5	DSP-2, DSP-3, DSP-4, DSP-5, EW-1	65	23	18	6.0	14		**0.3**	776917	1847	0.076		**0.001**	88	**0.3**
05/25/04	12:32	restart	0.0	DSP-2, DSP-3, DSP-4, DSP-5, EW-1	65	23	14	4.8	12		**0.0**	776917	0	0.076		**0.000**	88	**0.0**
06/02/04	10:35	on	190.0	DSP-2, DSP-3, DSP-4, DSP-5, EW-1	65	33	4	1.2	3		**0.2**	780200	3283	0.076		**0.002**	98	**0.2**
06/09/04	10:30	on	167.9	DSP-2, DSP-3, DSP-4, DSP-5, EW-1	65	23	10	3.4	8		**0.5**	782694	2494	0.076		**0.002**	88	**0.5**
6/16/2004 (26)	14:00	off	85.8	DSP-2, DSP-3, DSP-4, DSP-5, EW-1	65	23	5	1.8	4		**0.1**	nm	nm	0.076		**0.000**	88	**0.1**
06/23/04	15:45	restart	0.0	DSP-2, DSP-3, DSP-4, DSP-5, EW-1	nm	nm	nm	nm	nm		**nm**	nm	nm	0.076		**nm**	nm	**nm**
06/24/04	13:40	on	27.7	DSP-2, DSP-3, DSP-4, DSP-5, EW-1	65	23	0	0.0	0	<10	**0.0**	788100	5406	0.076		**0.003**	88	**0.0**
6/29/2004 (26)		off	53.2	DSP-2, DSP-3, DSP-4, DSP-5, EW-1	65	23	0	nm	0		**0.0**	nm	nm	0.076		**nm**	nm	**nm**
06/29/04	13:24	restart	0.0	DSP-2, DSP-3, DSP-4, DSP-5, EW-1	65	13	7	2.4	6		**0.0**	788427	327	0.076		**0.000**	78	**0.0**
06/30/04	15:19	on	25.9	DSP-3, DSP-4, DSP-5, EW-1	65	38	39	13.0	31		**0.3**	790220	1793	0.076		**0.001**	103	**0.3**
07/07/04	10:12	on	162.9	DSP-3, DSP-4, DSP-5, EW-1	65	23	15	5.0	12		**0.6**	792325	2105	0.076		**0.001**	88	**0.6**
07/14/04	10:15	on	168.0	DSP-3, DSP-4, EW-1, B-4	65	23	14	4.7	11		**0.6**	794673	2348	0.076		**0.001**	88	**0.6**
7/20/2004 (28)	11:10	on	144.9	B-3, B-4, EW-1	65	18	14	4.7	11	190	**8.6**	796200	1527	0.05	<0.05	**0.001**	83	**8.6**
07/28/04	13:08	on	194.0	B-3, B-4, EW-1	65	9	124	41.4	99		**5.3**	803670	7470	0.05		**0.003**	74	**5.3**
08/04/04	10:10	on	165.0	B-3, B-4, EW-1	65	18	98	32.5	78		**4.0**	809160	5490	0.05		**0.002**	83	**4.0**
8/11/2004 (30)	13:10	on	171.0	B-3, B-4, EW-1	65	25	154	51.2	123		**7.1**	813237	4077	0.05		**0.002**	90	**7.1**
8/18/2004 (30)	15:00	on	169.8	B-3, B-4, EW-1	65	25	152	50.5	121		**6.9**	817880	4643	0.05		**0.002**	90	**6.9**
8/24/2004 (30), (31)	10:50	on	139.8	B-3, B-4, EW-1	65	25	120	40.1	96	130	**6.1**	821110	3230	0.05		**0.001**	90	**6.1**
9/1/2004 (30)	10:45	on	191.9	B-3, B-4, EW-1	65	25	70	23.4	56		**3.6**	823510	2400	0.05		**0.001**	90	**3.6**
9/8/2004 (30)	15:45	on	173.0	B-3, B-4, EW-1	65	25	56	18.8	45		**2.6**	826300	2790	0.05		**0.001**	90	**2.6**
09/15/2004 (26), (30)	10:30	off	81.4	B-3, B-4, EW-1	65	25	36	12.1	29		**0.8**	830200	3900	0.05		**0.002**	90	**0.8**
09/15/04	16:20	restart	0.0	B-3, B-4, EW-1	65	33	70	23.2	56		**0.0**	830200	0	0.05		**0.000**	98	**0.0**
09/21/2004 (26)	13:30	off	70.6	B-3, B-4, EW-1	65	33	70	23.2	56		**1.4**	830200	0	0.05		**0.000**	98	**1.4**

Table 4. Remediation System Data and Petroleum Hydrocarbon Removal Estimate
1620 South Delaware Street, San Mateo, California

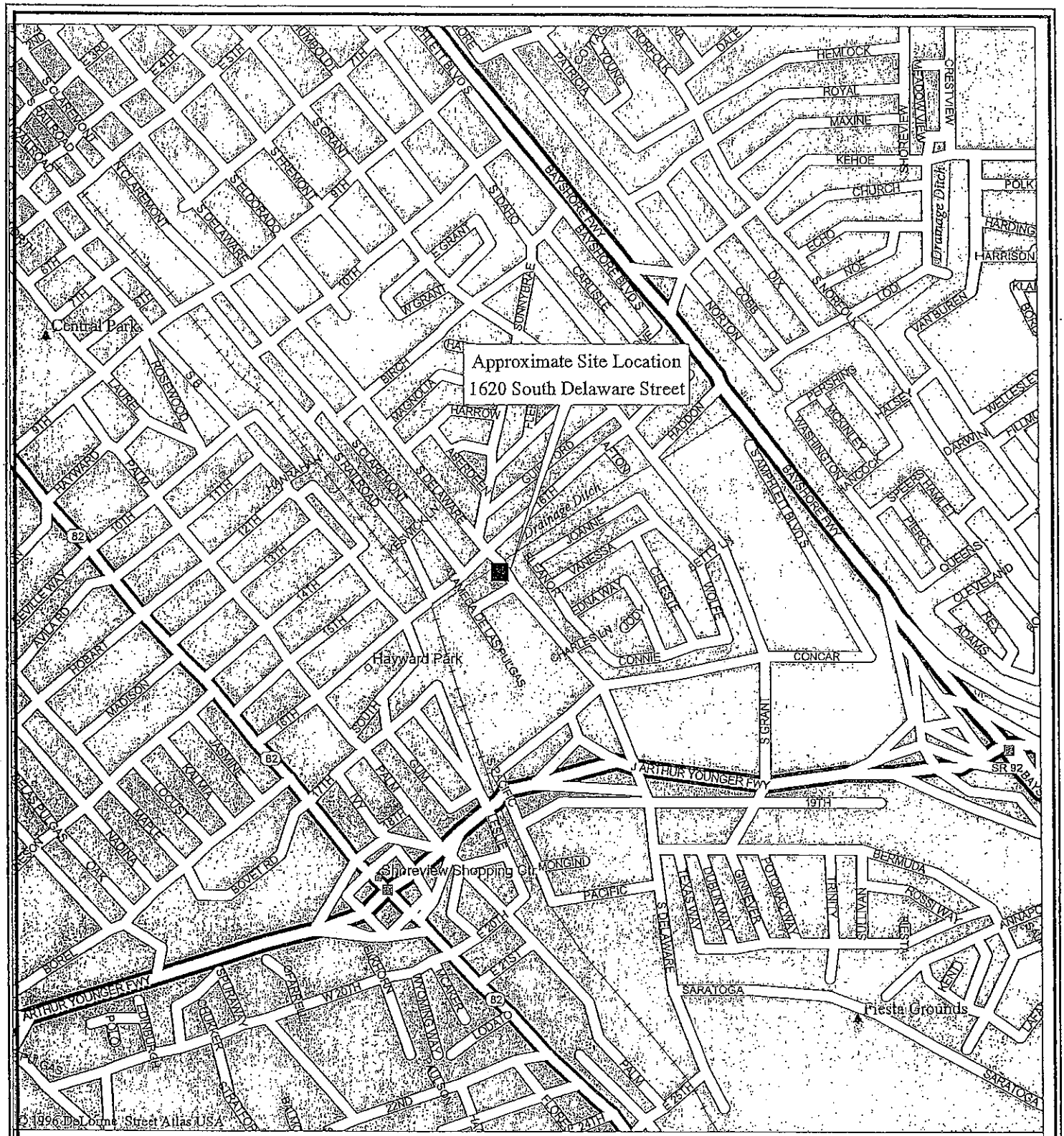
REPORTING PERIOD: 10/25/00 through 11/15/05

SITE VISIT		SOIL VAPOR EXTRACTION SYSTEM										AIR STRIPPER EXTRACTION SYSTEM						
DATE	TIME	SYSTEM (on / off)	ESTIMATED OPERATION* (hours)	OPEN EXTRACTION WELLS	AIR STRIPPER FLOW (29) (scfm)	SOIL VAPOR FLOW (12) (scfm)	EST. AVG. VAPOR (mg / m3)	INFLUENT VAPOR READING (ppm)	EQUIVALENT HEPTANE CONC. (6) (mg / m3)	LAB ANALYSIS TPH-GAS (mg / m3)	TPH REMOVAL (est. pounds)	WATER METER READING (gallons)	WATER PROCESSED (gallons)	EST. TPH in WATER (mg / L)	LAB ANALYSIS TPH-GAS (mg / L)	STRIPPER REMOVED TPH-GAS (est. pounds)	SYSTEM VAPOR FLOW RATE (23) (scfm)	TOTAL TPH-GAS REMOVED (7),(13) (pounds)
04/14/05	11:15	off	0.0	B-3, B-4, EW-1	65	0	0	nm	0		**0.0**	nm	nm	0.05		**0.000**	nm	**0.0**
04/14/05	16:50	restart	0.0	B-3, B-4, EW-1	65	23	59	19.6	47		**0.0**	836160	5960	0.05		**0.002**	88	**0.0**
04/15/05	14:00	on	21.2	B-3, B-4	65	33	19	6.3	15		**0.1**	837200	1040	0.05		**0.000**	98	**0.1**
04/21/05	11:12	on	141.3	B-3, B-4	65	33	44	14.6	35		**1.8**	846760	9560	0.05	<0.05	**0.004**	98	**1.8**
04/21/05	14:50	off	3.6	B-3, B-4	nm	0	0	nm	0		**0.0**	nm	nm	0.05		**0.000**	nm	**0.0**
05/19/05	11:05	off	0.0	B-3, B-4	nm	0	0	nm	0		**0.0**	nm	nm	0.05		**0.000**	nm	**0.0**
05/19/05	13:55	restart	0.0	B-3, B-4	65	28	10	3.3	8		**0.0**	846840	80	0.05		**0.000**	93	**0.0**
05/26/05	11:10	on	165.3	B-3, B-4	65	33	8	2.5	6		**0.4**	853870	7030	0.05		**0.003**	98	**0.4**
05/26/05	13:53	off	2.8	B-3, B-4	nm	0	0	nm	0		**0.0**	nm	nm	0.05		**0.000**	nm	**0.0**
06/21/05	10:40	off	0.0	B-3, B-4	nm	0	0	nm	0		**0.0**	nm	nm	0.05		**0.000**	nm	**0.0**
06/21/05	13:38	restart	0.0	B-3, B-4	65	33	23	7.6	18		**0.0**	854070	200	0.05		**0.000**	98	**0.0**
06/29/05	10:50	on	188.3	B-3, B-4	65	28	65	21.8	52		**3.4**	864380	10310	0.05		**0.004**	93	**3.4**
06/29/05	14:05	off	3.3	B-3, B-4	nm	0	0	nm	0		**0.0**	nm	nm	0.05		**0.000**	nm	**0.0**
07/13/05	10:30	off	0.0	B-3, B-4	nm	0	0	nm	0		**0.0**	864420	40	0.05		**0.000**	93	**0.0**
07/13/05	12:40	restart	0.0	B-3, B-4	65	38	31	10.4	25		**0.0**	864460	40	0.05		**0.000**	88	**0.0**
07/19/05	11:30	off	142.5	B-3, B-4	65	33	0	nm	0		**0.0**	nm	nm	0.05		**0.000**	nm	**0.0**
07/19/05	14:10	off	0.0	B-3, B-4	nm	0	0	nm	0		**0.0**	nm	nm	0.05		**0.000**	nm	**0.0**
08/04/05	10:05	off	0.0	B-3, B-4	nm	0	0	nm	0		**0.0**	nm	nm	0.05		**0.000**	nm	**0.0**
08/04/05	13:50	restart	0.0	B-3, B-4	nm	0	58	19.2	46		**0.0**	nm	nm	0.05		**0.000**	nm	**0.0**
08/10/05	11:05	off	141.0	B-3, B-4	65	0	65	21.8	52		**2.4**	870480	6020	0.05		**0.003**	88	**2.4**
08/10/05	12:53	off	0.0	B-3, B-4	nm	0	18	5.9	14		**0.0**	874390	3910	0.05	<0.05	**0.002**	88	**0.0**
09/13/05	10:50	off	0.0	B-3, B-4	nm	0	0	nm	0		**0.0**	nm	nm	0.05		**0.000**	nm	**0.0**
09/13/05	15:20	restart	0.0	B-3, B-4	65	38	37	12.3	30		**0.0**	874430	40	0.05		**0.000**	88	**0.0**
09/22/05	11:15	on	214.5	B-3, B-4	65	43	33	11.1	27		**2.0**	883250	8820	0.05		**0.004**	93	**2.0**
09/22/05	14:05	off	0.0	B-3, B-4	nm	0	0	nm	0		**0.0**	nm	nm	0.05		**0.000**	nm	**0.0**
10/11/05	11:15	off	0.0	B-3, B-4	nm	0	0	nm	0		**0.0**	nm	nm	0.05		**0.000**	nm	**0.0**
10/11/05	13:50	restart	0.0	B-3, B-4	65	43	37	12.2	29		**2.2**	883370	120	0.05		**0.000**	93	**2.2**
10/21/05	11:05	off	240.0	B-3, B-4	nm	0	0	nm	0		**0.0**	nm	nm	0.05		**0.000**	nm	**0.0**
10/21/05	13:40	restart	0.0	B-3, B-4	65	43	14	4.5	11		**0.8**	885070	1700	0.05		**0.001**	93	**0.8**
11/09/05	12:40	off	456.0	B-3, B-4	nm	0	0	nm	0		**0.0**	nm	nm	0.05		**0.000**	nm	**0.0**
11/09/05	14:15	restart	0.0	B-3, B-4	65	38	8	2.7	6		**0.5**	885130	60	0.05		**0.000**	88	**0.5**
11/15/05	12:05	off	144.0	B-3,B-4	nm	0	0	nm	0		**0.0**	nm	nm	0.05		**0.000**	nm	**0.0**
11/15/05	14:55	restart	0.0	B-3, B-4	65	33	1	0.3	1		**0.0**	885570	440	0.05		**0.000**	83	**0.0**
		TOTAL:	**12,184**							**TOTAL:**	**482.6**	**TOTAL:**	**711,217**		**TOTAL:**	**11.95**	**TOTAL:**	**494.1**

Table 4. Remediation System Data and Petroleum Hydrocarbon Removal Estimate
1620 South Delaware Street, San Mateo, California

* Estimated operational time between visits.
nm = not measured
(1) System down due to controller malfunction, logic card replaced and reprogrammed by vendor.
(2) System repeatedly shutting down due to scale build-up from high TDS in groundwater.
(3) System shut down due to power outages.
(4) High sensor alarm due to pressure buildup in bag filter.
(5) Electric descaler purchased and installed.
(6) Field reading (estimated average vapor in mg/m3) multiplied by 2.4 response factor for Heptane.
(7) Updated Total System TPH-Gas Removed: Estimates of TPH-Gas removed increased by the Heptane response factor of 2.4.
(8) No field readings were taken for Influent Vapor Reading, Water Meter Reading, or System Vapor Flow Rate. Their data for 12/17/02 is extrapolated from readings taken on 11/07/02.
(9) No field readings were collected on 9/17/03, thus their data is extrapolated from the data on 9/25/03.
(10) No influent concentrations were collected on 9/25/03. The influent value for this data is based on the data collected on 10/1/03.
(11) The water processed between December 2002 and September 2003 was performed during the process modifications period.
(12) Soil vapor flow rate is assumed to be system vapor flow rate minus 80 scfm for the air stripper system for data entered prior to October 1, 2003. On December 11, 2003, the air stipper flow rate was assumed to be 50 scfm for the air stripper.
(13) The total TPH-gas removal is calculated by multiplying the estimated operation by the equivalent heptane concentration by the total system vapor flow rate by conversion factors.
(14) The influent vapor flow rate on October 16, 2003 and October 30, 2003 is assumed to be similar to October 8, 2003.
(15) The influent vapor reading on October 8, 2003 and October 16, 2003 were assumed to be the average of the readings on October 1, 2003 and October 30, 2003.
(16) In the early part of November 2003, the groundwater meter is believed to have increased readings due to air pressure in the water line. The problem was subsequently repaired. The water processed for this time period is based on an assumption of 5 gpm.
(17) The influent vapor reading on November 7, 2003 was assumed to be the average of the readings on November 11, 2003 and November 13, 2003.
(18) The influent vapor flow rate on November 20, 2003 is assumed to be similar to the November 13, 2003 data.
(19) From October 2003 through December 2003, the operational time is assumed to be half of the total possible time when BAI personnel arrive and the system is not operational.
(20) The system flow rates from September 17, 2003 through October 1, 2003 were calculated for a 2-inch influent pipe instead of a 3-inch influent pipe, in the November 18, 2003 report, and the equivalent heptane concentration was provided in ppm, not mg/m3. The necessary corrections have been made in this report and the new values are provided.
(21) The influent vapor reading on December 23, 2003 was assumed to be the average of the data collected on December 16, 2003 and December 30, 2003 because an instrument error is assumed to be present.
(22) In the event that the field sheets do indicate which extraction wells are open, the configuration from the previous date is assumed.
(23) The total system flow rate is collected after the blower and is not under vacuum, thus cfm is assumed to be equivalent to scfm.
(24) The air stripper flow rate on December 11, 2003 is assumed to be similar to the air stripper flow rate on December 16, 2003.
(25) The vapor flow rate measured in the field on February 18, 2004 was collected while the system was in recirculation mode. Therefore, the influent vapor flow rate has been assumed to be equivalent to the actual February 18, 2004 data.
(26) The system was down on arrival; therefore, half of the possible operation time and the departure field readings from the previous visit were assumed.
(27) The laboratory data shown on October 26, 2000 was collected on October 24, 2000, and is provided as the baseline for the influent concentration.
(28) The laboratory data shown on July 20, 2004 was collected on July 21, 2004.
(29) From the April 2004 forward, the stripper flow is 65 scfm unless otherwise noted.
(30) The sensitivity of the air flow gauge appears to have been decreasing thus an estimated air flow rate of 90 cfm has been used.
(31) The laboratory data shown on August 24, 2004 was collected on August 25, 2004.

PLATES



Mag 15.00
Wed Mar 24 16:27 2004

Scale 1:12,500 (at center)

1000 Feet

200 Meters

Secondary SR/Road/Hwy Ramp

State Route

NORTH

PROJECT NO.: 236		
DRAWN BY:	SMS	3/24/04
CHECKED BY:		
APPROVED BY:		10/5/06
REVISED:		

Brunsing Associates, Inc.
P.O. Box 588
Windsor, California 95492

PLATE 1
Site Vicinity Map
1620 South Delaware Street
San Mateo, California

ASB-2
BOX CULVERT
OSB -5
MW-1
HP-2
DRAINAGE DITCH
ASB-3
SOUTH DELAWARE STREET
ASB-6
HP-11A
OSB -6
HP-10A
ASB-5
OSB -7
DSP-2
DSP-3
SP-1
SP-2
ASB-7
OSB -1
ASB-1
OSB -4
DSP-1
HP-8
B-3
SVE-1
ASB-10
SPG
B-6
SP-3
ASB-8
DSP-4
B-5
REMOVED PUMP ISLANDS
MW-2
OSB -2
CAR WASH
REMEDIATION SYSTEM
OSB -10
OSB -9
REMOVED WASTE OIL UST
#5
SPD
SP-4
ASB-9
DSP-5
B-4
SPB
ASB-11
RW-1
#3
EW-1
#1
SPF
#2
#4
ASB-14
OSB -3
APPROXIMATE FRENCH DRAIN LOCATION
B-2
SPC
ASB-12
REMOVED GASOLINE USTS
ASB-4
U.S. POST OFFICE PARKING
B-1
ASB-13
GARVEY WAY
OSB -8
B-7
HP-1
ASB-15
ASB-16

LEGEND

MW-1	Monitoring well
SPB	Standpipe well
DSP-1	Soil vapor extraction/sparge well
EW-1	Groundwater extraction/soil vapor
SP-1	Sparge well
OSB -1	Soil boring
RW-1	Abandoned well

APPROXIMATE SCALE (FEET)

0 12.5 25 50

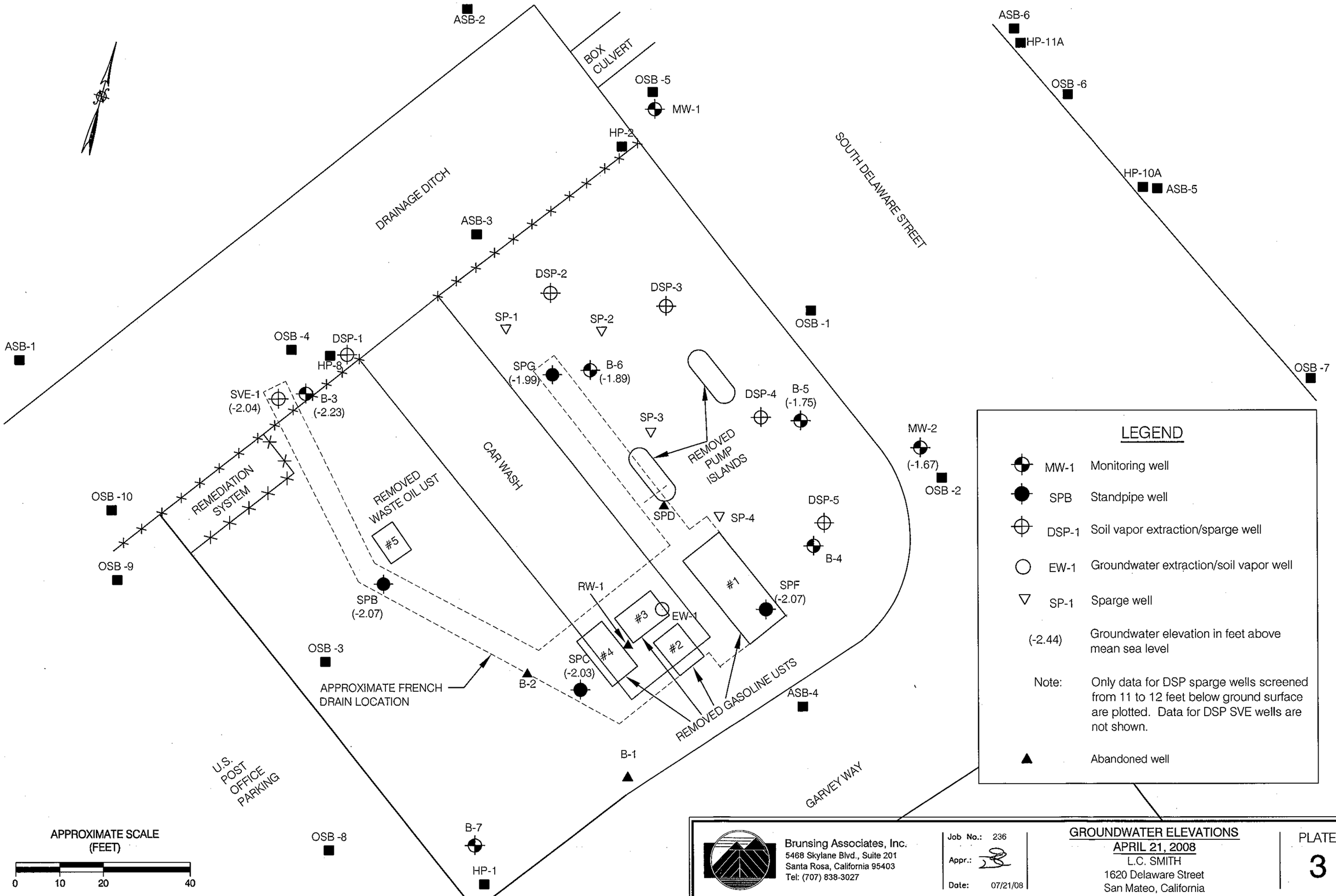
Reference: Well locations surveyed by R.W. Davis & Associates, 2001

Brunsing Associates, Inc.
5468 Skylane Blvd., Suite 201
Santa Rosa, California 95403
Tel: (707) 838-3027

Job No.: 236
Appr.:
Date: 2/15/05

SITE MAP
L.C. SMITH
1620 South Delaware Street
San Mateo, California

PLATE 2



Brunsing Associates, Inc.
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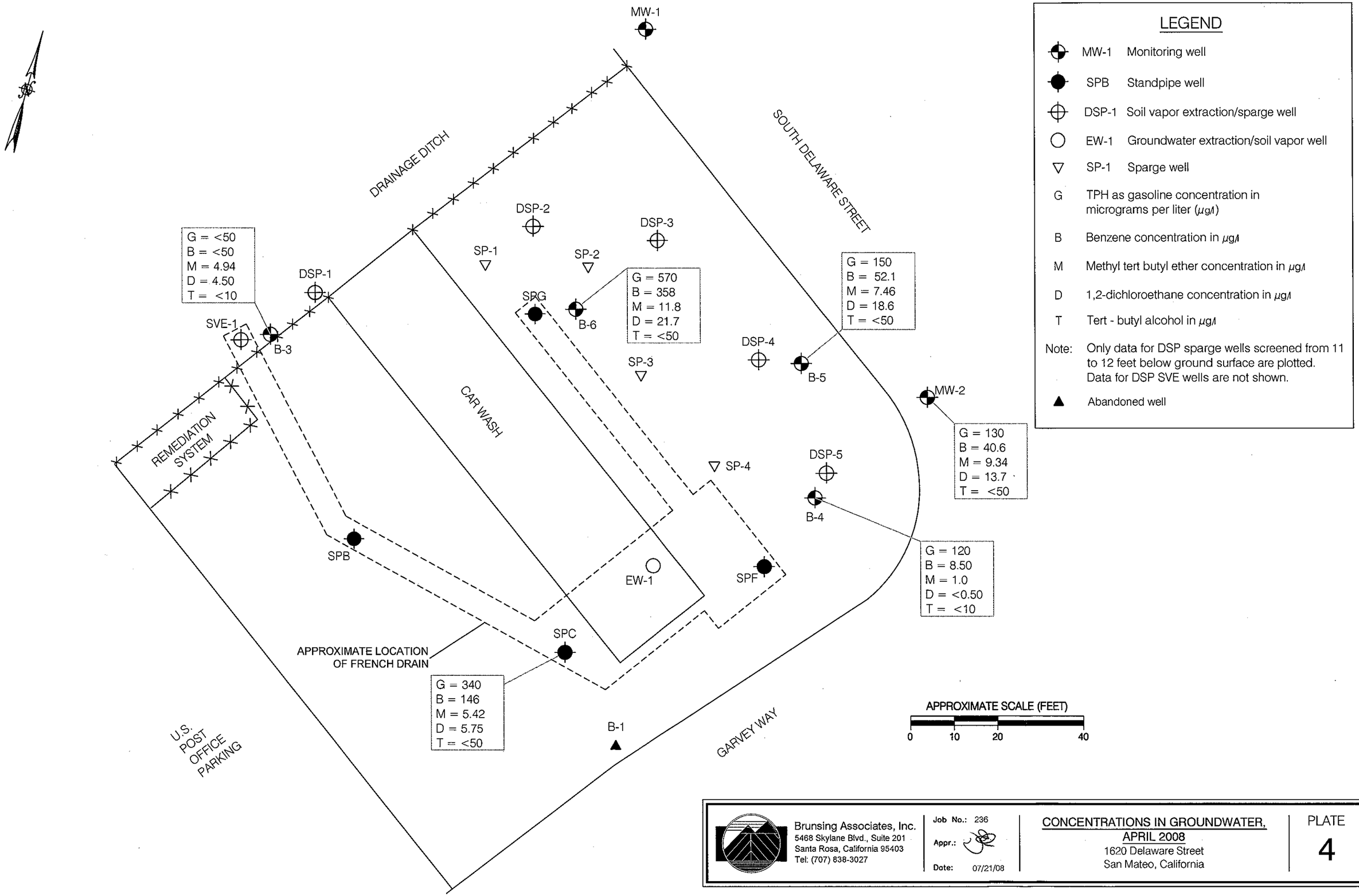
Job No.: 236
Appr.:
Date: 07/21/08

GROUNDWATER ELEVATIONS
APRIL 21, 2008
L.C. SMITH
1620 Delaware Street
San Mateo, California

PLATE
3



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Job No.: 236
Appr.:
Date: 07/21/08

CONCENTRATIONS IN GROUNDWATER, APRIL 2008
1620 Delaware Street
San Mateo, California

PLATE 4

APPENDIX A

Site History and Background

SITE HISTORY AND BACKGROUND

According to the Dames & Moore, Inc. (DMI) report "Report of Geohydrological Consultation," dated November 20, 1984, one 4,000-gallon and two 3,000-gallon gasoline underground storage tanks (USTs) were installed at the site in the 1950's, and one 10,000-gallon gasoline UST was installed in the 1970's. Water was reported in the three smaller tanks, and as a result, the 4,000-gallon tank was taken out of service before 1984. A 200-gallon gasoline spill occurred in 1983 when new pumps were being installed.

DMI installed monitoring wells B-1 through B-4 in October 1984 prior to the removal of the on site USTs. After installation of well B-2, approximately 18 inches of floating product was measured in the well.

In April 1985, the four gasoline tanks were emptied of their contents and tank tightness tests were performed on the USTs. Two additional monitoring wells (B-5 and B-6) were also installed in 1985. Monitoring well B-7 was installed up gradient of the USTs on February 6, 1986 by DMI.

In October 1984, 1.5 feet of free product was observed in well B-2, however no free product was observed in wells B-1, B-3, and B-4. In May of 1985, free product was observed in wells B-2, B-3, and B-4 at thicknesses of 0.58 feet, 0.33 feet, and 0.41 feet, respectively. In February 1986, free product continued to be observed in wells B-2 and B-4, according to DMI's report "Observation Well Installation, Service Station Property" dated March 5, 1986.

According to DMI's "Project Report Construction Management for Remedial Action Work (Phase V)", dated March 3, 1987, all four gasoline USTs and a waste oil UST (Plate 2) were removed from the site in April and May 1986. The gasoline UST excavation was approximately 10 feet deep. Four to five feet of pea gravel was placed in the bottom of the excavation to facilitate backfill of the excavation below the water table. Prior to backfilling with pea gravel, floating product was skimmed from the surface of the water contained in the excavation to a thickness of 0.25 inches, and a geotextile liner was placed above the gravel. Two sloped collector trenches were excavated to drain groundwater back to the UST excavation. The trenches were excavated to approximately 8 to 10 feet below ground surface (bgs), in segments to prevent caving of the sides. To prevent infiltration of the fines, a geotextile filter fabric was used to line the trenches. The trenches were partially backfilled with 5 to 6.5 feet of washed river gravel, and the filter fabric was folded over the top of the gravel. Both the UST excavation and the trenches were backfilled and compacted to the surface with native soil that had been aerated to remove petroleum hydrocarbon contamination, and compacted.

Five standpipes (SPA, SPB, SPC, SPD, and SPG) were also installed in the trenches during backfilling activities. Well B-2 was abandoned during the construction and replaced with standpipe SPC. SPF was installed with a drill rig after the excavation had been backfilled. Additionally, recovery well RW-1 (now replaced by well EW-1) was installed to a depth of 20 feet bgs with a screened interval from 2 to 15 feet bgs near the center of the UST excavation. A pumping test on well RW-1 was also performed at this time. Pumping rates of 30 to 100 gallons

per minute were observed to draw down water levels. Approximately 500 gallons of floating product and 2,000 gallons of water were removed during the excavation and pumping test activities.

In April 1989, DMI supervised the drilling and sampling of nine borings (HP-1, HP-2, HP-3, HP-6 through HP-9, HP-10A, and HP-11A) to characterize the off site groundwater contamination. The results of the investigation were presented in DMI's report dated May 5, 1989.

In January 1993, a groundwater remediation system designed by DMI was constructed by BAI. The remediation system consisted of groundwater extraction from well EW-1, with treatment by activated carbon. The water was to be discharged to the drainage ditch north of the site under a National Pollutant Discharge Elimination System (NPDES) permit. The system was started in October 1993 but failed to meet the NPDES discharge requirements for organics. After replacing the activated carbon units, the system was started in January 1994. At this time, the 96-hour fish bioassay (toxicity) test failed and the treatment system was shut down.

BAI prepared a soil and groundwater investigation workplan dated August 1, 1996, to satisfy the requirements of the San Mateo County Health Department (SMCHD). The site investigation was conducted on December 13, 1996, and the investigation results are presented in BAI's "Soil and Groundwater Investigation Report," dated February 10, 1997. During that investigation, three off site soil borings (OSB-1, OSB-2, and OSB-4) and one on site soil boring (OSB-3) were drilled.

In a letter dated April 2, 1997, the SMCHD indicated that the extent of groundwater contamination needed to be further defined in the west, southwest, and east directions, and that an additional monitoring well needed to be installed in the down-gradient direction to identify the plume boundary. BAI submitted a workplan dated June 3, 1997 to satisfy a SMCHD's request. The workplan was approved in the SMCHD's letter dated June 16, 1997. The work was conducted in November and December 1997, and presented in BAI's "Soil and Groundwater Investigation and Quarterly Groundwater Monitoring Report," dated March 20, 1998. As part of the investigation, six soil borings (OSB-5 through OSB-10) were advanced off site to define the lateral extent of contamination on adjacent properties. Furthermore, a groundwater monitoring well (MW-1) was installed in the down-gradient direction, in South Delaware Street.

In a SMCHD letter dated March 24, 1998, the agency requested submittal of a feasibility study (FS) to discuss remedial options and to make recommendations for site cleanup. A soil vapor extraction (SVE) pilot study was performed in April 1998, prior to the preparation of the FS.

BAI completed the FS dated July 1, 1998, with an addendum dated August 4, 1998. The estimated mass of contaminants remaining was approximately 1,000 pounds, with a significant portion of the contaminants being located below the water table. The FS included a domestic well survey, the results of the soil vapor extraction pilot test, and a recommendation for site cleanup using soil vapor and groundwater extraction combined with air sparging. The domestic well survey did not identify any domestic wells within a 600-foot radius, but did identify the adjacent ditch as a potential sensitive receptor.

In the SMCHD letter dated July 9, 1998, the agency concurred with the recommendations and requested submittal of a remedial action plan for this option. BAI completed the Remedial Action Workplan (RAP), dated November 9, 1998, which included design specifications and construction details for soil vapor and groundwater extraction combined with air sparging. The workplan was approved by the SMCHD in their correspondence dated November 19, 1998.

The construction phases of the RAP occurred concurrently with re-development of the site, from a service station to a car wash. In October 1999, BAI installed five dual-phase soil vapor extraction/air sparge wells (DSP-1 through DSP-5); four sparge wells (SP-1 through SP-4), and replaced extraction well RW-1 with extraction well EW-1.

In 2000, the soil vapor and groundwater treatment system was installed, which included plumbing to the new extraction/sparge wells, a pneumatic pump in well EW-1, an air compressor, a regenerative blower, an air stripper, two liquid phase carbon vessels and a catalytic oxidizer. Operation of the treatment system commenced on October 22, 2000. Remediation reports have been submitted which provide the operational details of the remediation system.

On September 4, 2001, monitoring well MW-2 was installed in a cross gradient direction in South Delaware Street, as proposed in the Remedial Action Plan. Installation of well MW-2 was documented in a report dated October 12, 2001. No soil samples were collected for analytical laboratory analyses due to the proximity of boring OSB-2.

In December 2002, the remedial system was shut down for performance modifications on the system. The modifications included increasing the capacity of the blower to a positive displacement blower from a regenerative blower in order to increase the vacuum supplied to the subsurface. The modification was due in part to problems associated with the highly brackish groundwater at the site. The modifications were completed and the system was restarted on September 17, 2003.

On February 20, 2003, BAI submitted a groundwater investigation workplan that proposed seven additional off site borings, a drainage ditch evaluation, and an updated sensitive receptor survey (SSR). The seven additional off site borings were proposed because the previous off site drilling was performed prior to the requirement to analyze samples for petroleum oxygenates and lead scavengers. The drainage ditch evaluation was proposed to determine if the adjacent drainage ditch was hydraulically connected to the site. The initial SSR was performed prior to the requirement to evaluate for conduits of water and vapor migration and surface waters, therefore the SSR was updated. Off site soil borings ASB-1 through ASB-6 were drilled on November 6, 2003 and April 19, 2004. The results are presented in BAI's report dated March 29, 2005.

The remediation system was operational until September 21, 2004 when the system was shut down while a site conceptual model for the site was prepared. In July and August 2004, BAI performed a series of minor system modifications to increase the influent vapor concentrations. These modifications included using dual-phase extraction to pull directly from wells B-3, B-4, and SPC. Extraction from wells B-3 and B-4 was relatively successful at increasing influent vapor concentrations. Only limited extraction was performed in well SPC because the system is

not plumbed directly to the well, unusually high groundwater flow rates were obtained from well SPC, and the chemistry of the extracted water.

BAI's "Site Conceptual Model" report, dated December 22, 2004, recommended several actions be performed prior to recommending any alterations to the current remediation system, including additional drilling to define the residual contamination, collection of data regarding the car wash inputs and outputs, collecting a sample of the car wash water to be analyzed for TBA and general minerals, attempt to relocate monitoring well B-7, and evaluate if well B-1 extended into a deeper water bearing unit. The SMCHD approved the above listed recommendations in their January 18, 2005 correspondence. BAI prepared a workplan dated March 22, 2005 to perform the scope of work.

APPENDIX B

Monitoring Well Sampling Protocol

Groundwater Sampling Protocol

Monitoring Wells

Prior to purging a monitoring well, groundwater levels are measured with a Solinst electric depth measurement device, or an interface probe, in all wells that are to be measured. At sites where petroleum hydrocarbons are possible contaminants, the well is checked for floating product using a clear bailer, a steel tape with water/oil paste, or an interface probe, during the initial sampling round. If floating product is measured during the initial sampling round or noted during subsequent sampling rounds, floating product measurements are continued.

After the water level and floating product measurements are complete, the monitoring well is purged until a minimum of three casing volumes of water are removed, water is relatively clear of sediment, and pH, conductivity, and temperature measurements of the water become relatively stabile. If the well is purged dry, groundwater samples are collected after the water level in the well recovers to at least 80 percent of the original water column measured in the well prior to sampling, or following a maximum recovery period of two hours. The well is purged using a factory-sealed, disposable, polyethylene bailer, a four-inch diameter submersible Grundfos pump, a two-inch diameter ES-40 purge pump, or a peristaltic pump. The purge water is stored on-site in clean, 55-gallon drums.

A groundwater sample is collected from each monitoring well following re-equilibration of the well after purging. The groundwater sample is collected using a factory-sealed disposable, polyethylene bailer with a sampling port, or a factory-sealed Teflon bailer. A factory provided attachment designed for use with volatile organic compounds (VOCs) is attached to the polyethylene bailer sampling port when collecting samples to be analyzed for VOCs. The groundwater sample is transferred from the bailer into sample container(s) that are obtained directly from the analytical laboratory.

The sample container(s) is labeled with a self-adhesive tag. The following information is included on the tag:

- Project number
- Sample number
- Date and time sample is collected
- Initials of sample collector(s).

Individual log sheets are maintained throughout the sampling operations. The following information is recorded:

- Sample number
- Date and time well sampled and purged
- Sampling location
- Types of sampling equipment used
- Name of sampler(s)
- Volume of water purged.

Following collection of the groundwater sample, the sample is immediately stored on blue ice in an appropriate container. A chain-of-custody form is completed with the following information:

- Date the sample was collected
- Sample number and the number of containers
- Analyses required
- Remarks including preservatives added and any special conditions.

The original copy of the chain-of-custody form accompanies the sample containers to a California-certified laboratory. A copy is retained by BAI and placed in company files.

Sampling equipment including thermometers, pH electrodes, and conductivity probes are cleaned both before and after their use at the site. The following cleaning procedures are used:

- Wash with a potable water and detergent solution or other solutions deemed appropriate
- Rinse with potable water
- Double-rinse with organic-free or deionized water
- Package and seal equipment in plastic bags or other appropriate containers to prevent contact with solvents, dust, or other contaminants.

In addition, the pumps are cleaned by pumping a potable water and detergent solution and deionized water through the system. Cleaning solutions are contained on-site in clean 55-gallon drums.

Domestic and Irrigation Wells

Groundwater samples collected from domestic or irrigation wells are collected from the spigot that is the closest to the well. Prior to collecting the sample, the spigot is allowed to flow for at least 5 minutes to purge the well. The sample is then collected directly into laboratory-supplied containers, sealed, labeled, and stored on blue ice in an appropriate container, as described above. A chain-of-custody form is completed and submitted with the samples to the analytical laboratory.

APPENDIX C

Groundwater Sampling Field Forms and Logs

Brunsing Associates, Inc

UST Fund Site: _____Yes _____No

FIELD REPORT

JOB NO: 236
INITIAL: ED
DATE: 4-21-08

PROJECT: L.C. Smith - 1620 S. Delaware St., San Mateo, CA
SUBJECT: Groundwater Sampling
PROJECT PHASE NUMBER:
VEHICLE USED: 2006 Ranger

Total Time: 9.5
End. Mileage: 18781
Beg. Mileage: 18608
TOTAL MILEAGE: 173

TIME	DESCRIPTION OF WORK AND CONVERSATION RECORD
0800	Arrive @ Shop
	Load up equipment + supplies
0845	Leave to site
1040	Arrive @ site
	• Locate, Identify, and open monitoring wells
	• Set up and perform water level measurement @ MW-2, B-3, B-4, B-5, B-6, SPB, SPC, SP6, SPF, EW-1, and SVE-1.
	• Set up and perform groundwater sampling @ MW-2, B-3, B-4, B-5, B-6, and SPC.
	• Store purge groundwater in drums located in Remediation enclosure.
	• Decon equipment
	• Close well caps and covers
	Load up supplies
1521	Leave site
1715	Arrive @ shop
	Unload equipment and submit samples to lab
1735	Done

DRUM COUNT:
Water = 4
Soil =
Devlpmt Water =
Decon Water =

Brunsing Associates, Inc.

WATER LEVELS

SHEET 2 OF ____

PROJECT: L.C. Smith

PROJECT NUMBER: 236

INSTRUMENT TYPE: WLP

INITIALS: ED

DATE: 4-21-08

WELL NUMBER	DEPTH TO PRODUCT	DISTANCE TO WATER	TIME (24 HOUR)	EQUILIBRATED (CHECK FOR YES)	NOTES
MW-1	—	—	—		
MW-2	Ø	4.13	1223		
B-3	Ø	6.74	1133		
B-5	Ø	4.72	1130		
B-6	Ø	5.50	1131		
SPB	Ø	6.10	1126		
SPC	Ø	5.63	1127		
SPG	Ø	6.31	1132		
SPF	Ø	4.86	1129		
EW-1	Ø	1.00	1128		
SVE-1	Ø	6.59	1132		
MW-1	—	—	—		
MW-2	Ø	4.13	1228	✓	
B-3	Ø	6.74	1139	✓	
B-5	Ø	4.72	1136	✓	
B-6	Ø	5.50	1137	✓	
SPB	Ø	6.10	1133	✓	
SPC	Ø	5.63	1134	✓	
SPG	Ø	6.31	1138	✓	
SPF	Ø	4.85	1135	✓	
EW-1	Ø	1.00	1143	✓	
SVE-1	Ø	6.59	1141	✓	
Drainage	Ø	7.46	1158		

WELL SAMPLING

SHEET 3 OF

PROJECT: L.C. Smith

PROJECT NUMBER: 236.029

WELL # SPC PRECIP. IN LAST 5 DAYS: WIND DATE: 4-21-08

STARTING TIME: 1155 FINISHING TIME: 1218 INITIALS: EJ

CALCULATION OF PURGE VOLUME

2" WELL DEPTH: / - D.T.W. / = H20 COLUMN: / X 0.5 = /

4" WELL DEPTH: 8.00 - D.T.W. 5.63 = H20 COLUMN: 2.37 X 2.0 = 4.74

THEREFORE TOTAL PURGE GALLONS EQUALS 4.75 GALLONS

FIELD MEASUREMENTS

TIME	GALLONS REMOVED	p H	CONDUCTIVITY	TEMP.	OBSERVATIONS
1157	1.5	7.12	>3999 µS	20.4 °C	Cloudy, blue/grey, no odor
1200	3.25	7.04	>3999	19.7	Cloudy, blue/grey, no odor
1204	4.75	6.93	>3999	18.2	Cloudy blue/grey, no odor

SAMPLING: SAMPLE ANALYSIS: TPH-Gas, 8260B (BTEX, petro oxy & Pb scav)

SAMPLE TIME: 1205 DID WELL GO DRY? NO

WATER LEVELS:	
TIME	D.T.W.
1216	5.65

NOTES:

WELL SAMPLING

SHEET 4 OF

PROJECT: L.C. Smith

PROJECT NUMBER: 236.029

WELL # MW-2 PRECIP. IN LAST 5 DAYS: WIND DATE: 4-21-08

STARTING TIME: 1222 FINISHING TIME: 1250 INITIALS: ED

CALCULATION OF PURGE VOLUME

2" WELL DEPTH: 15.00 - D.T.W. 4.13 = H20 COLUMN: 10.87 X 0.5 = 5.43

4" WELL DEPTH: / - D.T.W. / = H20 COLUMN: / X 2.0 = /

THEREFORE TOTAL PURGE GALLONS EQUALS 5.5 GALLONS

FIELD MEASUREMENTS

TIME	GALLONS REMOVED	p H	CONDUCTIVITY	TEMP.	OBSERVATIONS
1230	1.5	7.04	>3999 µS	18.2 °C	Cloudy, light brown, no odor
1235	3.5	7.02	>3999	16.6	Cloudy, light brown, no odor, silt
1240	5.5	6.77	>3999	16.2	Cloudy, light brown, no odor, silt

SAMPLING: SAMPLE ANALYSIS: TPH-Gas, 8260B (BTEX, petro oxy & Pb scav) | Ethanol

SAMPLE TIME: 1241 DID WELL GO DRY? NO

WATER LEVELS:	
TIME	D.T.W.
1247	5.52

NOTES:

WELL SAMPLING

SHEET 5 OF

PROJECT: L.C. Smith PROJECT NUMBER: 236.029

WELL # B-3 PRECIP. IN LAST 5 DAYS: WIND DATE: 4-21-08

STARTING TIME: 1430 FINISHING TIME: 1457 INITIALS: ED

CALCULATION OF PURGE VOLUME

2" WELL DEPTH: 15.00 - D.T.W. 6.74 = H20 COLUMN: 8.26 X 0.5 = 4.13

4" WELL DEPTH: / - D.T.W. / = H20 COLUMN: / X 2.0 = /

THEREFORE TOTAL PURGE GALLONS EQUALS 4 GALLONS

FIELD MEASUREMENTS

TIME	GALLONS REMOVED	p H	CONDUCTIVITY	TEMP.	OBSERVATIONS
1436	1.5	7.69	>3999	16.82	Cloudy, brown, no odor, sheen
1440	3.0	7.02	>3999	16.4	Cloudy, brown, no odor, sheen
1444	4.0	7.05	>3999	16.4	Cloudy, brown, no odor, sheen

SAMPLING: SAMPLE ANALYSIS: TPH-Gas, 8260B (BTEX, petro oxy & Pb scav)

SAMPLE TIME: 1445 DID WELL GO DRY? NO

WATER LEVELS:	
TIME	D.T.W.
1455	6.70

NOTES:

WELL SAMPLING

SHEET 6 OF

PROJECT: L.C. Smith

PROJECT NUMBER: 236.029

WELL # B-4 PRECIP. IN LAST 5 DAYS: WIND

DATE: 4-21-08

STARTING TIME: 1315 FINISHING TIME: 1330

INITIALS: ED

CALCULATION OF PURGE VOLUME

2" WELL DEPTH: 11.50 - D.T.W. [ ] = H20 COLUMN: [ ] X 0.5 = [ ]

4" WELL DEPTH: / - D.T.W. / = H20 COLUMN: / X 2.0 = /

THEREFORE TOTAL PURGE GALLONS EQUALS [ ]

GALLONS

FIELD MEASUREMENTS

TIME	GALLONS REMOVED	p H	CONDUCTIVITY	TEMP.	OBSERVATIONS
1316	1	7.92	>3999 µS	16.6 °C	Cloudy, dark brown, odor, silt
1320	2	7.84	>3999	16.5	Cloudy dark brown, odor, silt
1324	3	7.58	>3999	16.4	Cloudy dark brown, odor, silt

SAMPLING: SAMPLE ANALYSIS: TPH-Gas, 8260B (BTEX, petro oxy & Pb scav)

SAMPLE TIME: 1325 DID WELL GO DRY? No

WATER LEVELS:	
TIME	D.T.W.

NOTES:

- Well casing damaged

WELL SAMPLING

SHEET 7 OF

PROJECT: L.C. Smith PROJECT NUMBER: 236.029

WELL # B-5 PRECIP. IN LAST 5 DAYS: WIND DATE: 4-21-08

STARTING TIME: 1251 FINISHING TIME: 1314 INITIALS: ED

CALCULATION OF PURGE VOLUME

2" WELL DEPTH: 13.00 - D.T.W. 4.72 = H20 COLUMN: 8.28 X 0.5 = 4.14

4" WELL DEPTH: / - D.T.W. / = H20 COLUMN: / X 2.0 = /

THEREFORE TOTAL PURGE GALLONS EQUALS 4 GALLONS

FIELD MEASUREMENTS

TIME	GALLONS REMOVED	p H	CONDUCTIVITY	TEMP.	OBSERVATIONS
1255	1.5	7.92	>3999 µS	18.1 °C	Cloudy, light brown, silt, no odor
1258	3.0	7.60	>3999	17.4	Cloudy, light brown, silt, no odor
1301	4.0	7.21	>3999	17.0	Cloudy, light brown, silt, no odor

SAMPLING: SAMPLE ANALYSIS: TPH-Gas, 8260B (BTEX, petro oxy & Pb scav)

SAMPLE TIME: 1302 DID WELL GO DRY? No

WATER LEVELS:	
TIME	D.T.W.
1312	5.10

NOTES:

WELL SAMPLING

SHEET 1 OF

PROJECT: L.C. Smith PROJECT NUMBER: 236.029

WELL # B-6 PRECIP. IN LAST 5 DAYS: WIND DATE: 4-21-03

STARTING TIME: 1346 FINISHING TIME: 1412 INITIALS: ED

CALCULATION OF PURGE VOLUME

2" WELL DEPTH: 13.00 - D.T.W. 5.50 = H20 COLUMN: 7.5 X 0.5 = 3.75

4" WELL DEPTH: / - D.T.W. / = H20 COLUMN: / X 2.0 = /

THEREFORE TOTAL PURGE GALLONS EQUALS 3.75 GALLONS

FIELD MEASUREMENTS

TIME	GALLONS REMOVED	p H	CONDUCTIVITY	TEMP.	OBSERVATIONS
1349	1.25	7.76	>3999 µS	17.0 °C	Clear, no odor
1354	2.50	7.04	>3999	16.3	Cloudy, brown, no odor
1359	3.75	6.82	>3999	16.7	Cloudy, brown, no odor

SAMPLING: SAMPLE ANALYSIS: TPH-Gas, 8260B (BTEX, petro oxy & Pb scav)

SAMPLE TIME: 1400 DID WELL GO DRY? No

WATER LEVELS:	
TIME	D.T.W.
1410	8.40

NOTES:

Chain of Custody

Project #	Project Address	C.O.C. No.
236	1620 S. Delaware St., San Mateo, CA	12351

BG No.

Sampler's Signature: Deschamps

Remarks:

Date Sampled	Sample I.D.	Time (24 Hour)	Sample Type	Number of Containers	TPH-Gas	BTEX, PETO, Lox, Pb scav 8260B	Ethanol										
4-21-08	MW-2	1241	H_2O	4	X	X	X										
4-21-08	B-3	1445	↓	↓	X	X	X										
4-21-08	B-4	1325			X	X	X										
4-21-08	B-5	1302			X	X	X										
4-21-08	B-6	1400			X	X	X										
4-21-08	SPC	1205	↓	↓	X	X	X										

Laboratory: BAFS

Preservation: A - HCL; B - HNO3; C - Ice (Specify) TAT: R; 2-WK; Urgent; Immediate (Specify)

Relinquished by: (signed)	Date/Time	Received by: (signed)
Relinquished by: (signed)	Date/Time	Received by: (signed)
Relinquished by: (signed)	Date/Time	Received for Laboratory by: (signed)

Results To: (Office Use Only) Dave C. EDF

Global ID: (Office Use Only)

Brunsing Associates, Inc.
P.O. Box 588
5468 Skylane Blvd., Suite 201
Santa Rosa, CA 95403
(707) 838-3027 Phone
(707) 838-4420 Fax

APPENDIX D

Analytical Laboratory Reports

Laboratory Report Project Overview

EDF 1.2a

Laboratory:	Bace Analytical, Windsor, CA
Lab Report Number:	5140
Project Name:	1620 S. DELAWARE ST.
Work Order Number:	236
Control Sheet Number:	NA

Report Summary

Labreport	Sampid	Labsampid	Mtrx	QC	Anmcode	Exmcode	Logdate	Extdate	Anadate	Lablotctl	Run Sub
5140	B-3	5140-2	W	CS	8260FAB	SW5030B	04/21/2008	04/30/2008	04/30/2008	20080430A	24
5140	B-3	5140-2	W	CS	CATPH-G	SW5030B	04/21/2008	05/01/2008	05/01/2008	04302008A	23
5140	B-4	5140-3	W	CS	8260FAB	SW5030B	04/21/2008	05/01/2008	05/01/2008	20080430A	35
5140	B-4	5140-3	W	CS	CATPH-G	SW5030B	04/21/2008	05/01/2008	05/01/2008	04302008A	24
5140	B-5	5140-4	W	CS	8260FAB	SW5030B	04/21/2008	04/30/2008	04/30/2008	20080430A	26
5140	B-5	5140-4	W	CS	CATPH-G	SW5030B	04/21/2008	05/01/2008	05/01/2008	04302008A	25
5140	B-6	5140-5	W	CS	8260FAB	SW5030B	04/21/2008	04/30/2008	04/30/2008	20080430A	27
5140	B-6	5140-5	W	CS	CATPH-G	SW5030B	04/21/2008	05/01/2008	05/01/2008	04302008A	26
5140	MW-2	5140-1	W	CS	8260FAB	SW5030B	04/21/2008	04/30/2008	04/30/2008	20080430A	23
5140	MW-2	5140-1	W	CS	CATPH-G	SW5030B	04/21/2008	04/30/2008	04/30/2008	04302008A	22
5140	SPC	5140-6	W	CS	8260FAB	SW5030B	04/21/2008	05/01/2008	05/01/2008	20080430A	28
5140	SPC	5140-6	W	CS	CATPH-G	SW5030B	04/21/2008	05/01/2008	05/01/2008	04302008A	27
		5139-1	W	NC	8260FAB	SW5030B	/ /	04/30/2008	04/30/2008	20080430A	8
		5139-6	W	NC	CATPH-G	SW5030B	/ /	04/30/2008	04/30/2008	04302008A	7
		5140MB	W	LB1	8260FAB	SW5030B	/ /	04/30/2008	04/30/2008	20080430A	3
		5140MB	W	LB1	CATPH-G	SW5030B	/ /	04/30/2008	04/30/2008	04302008A	2
		5140MS	W	MS1	8260FAB	SW5030B	/ /	04/30/2008	04/30/2008	20080430A	9
		5140MS	W	MS1	CATPH-G	SW5030B	/ /	04/30/2008	04/30/2008	04302008A	8
		5140SD	W	SD1	8260FAB	SW5030B	/ /	04/30/2008	04/30/2008	20080430A	10
		5140SD	W	SD1	CATPH-G	SW5030B	/ /	04/30/200	04/30/200	04302008A	9

Report Summary

Labreport	Sampid	Labsampid	Mtrx	QC	Anmcode	Exmcode	Logdate	Extdate	Anadate	Lablotctl	Run Sub
								8	8		

Bace Analytical, Windsor, CA

Lab Report No.: 5140 Date: 05/12/2008

Project Name:	1620 S. DELAWARE ST.	Analysis:	VOCs by GC/MS Fuel Additives Plus BTEX
Project No:	236	Method:	8260FAB
		Prep Meth:	SW5030B

Field ID:	B-3	Lab Samp ID:	5140-2
Descr/Location:	B-3	Rec'd Date:	04/22/2008
Sample Date:	04/21/2008	Prep Date:	04/30/2008
Sample Time:	1445	Analysis Date:	04/30/2008
Matrix:	Water	QC Batch:	20080430A
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Methyl-tert-butyl ether (MTBE)	0.38	1.0	PQL		4.94	UG/L	1
Ethyl tert-butyl ether (ETBE)	0.30	1.0	PQL		ND	UG/L	1
tert-Amyl methyl ether (TAME)	0.26	1.0	PQL		ND	UG/L	1
Di-isopropyl ether (DIPE)	0.37	1.0	PQL		ND	UG/L	1
tert-Butyl alcohol (TBA)	2.4	10.	PQL		ND	UG/L	1
1,2-Dichloroethane	0.30	0.50	PQL		4.50	UG/L	1
1,2-Dibromoethane	0.30	0.50	PQL		ND	UG/L	1
Ethanol (EtOH)	100.	300.	PQL		ND	UG/L	1
Benzene	0.27	0.50	PQL		ND	UG/L	1
Toluene	0.25	0.50	PQL		ND	UG/L	1
Ethylbenzene	0.25	0.50	PQL		ND	UG/L	1
Xylenes	0.25	0.50	PQL		ND	UG/L	1

SURROGATE AND INTERNAL STANDARD RECOVERIES:

4-Bromofluorobenzene	86-118	SLSA	91%	1
Toluene-d8	88-110	SLSA	99%	1
Dibromofluoromethane	86-115	SLSA	102%	1

Approved by: William A Poth Date: 5/12/08

Lab Report No.: 5140 Date: 05/12/2008

Project Name:	1620 S. DELAWARE ST.	Analysis:	VOCs by GC/MS Fuel Additives Plus BTEX
Project No:	236	Method:	8260FAB
		Prep Meth:	SW5030B

Field ID:	B-4	Lab Samp ID:	5140-3
Descr/Location:	B-4	Rec'd Date:	04/22/2008
Sample Date:	04/21/2008	Prep Date:	05/01/2008
Sample Time:	1325	Analysis Date:	05/01/2008
Matrix:	Water	QC Batch:	20080430A
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Methyl-tert-butyl ether (MTBE)	0.38	1.0	PQL		ND	UG/L	1
Ethyl tert-butyl ether (ETBE)	0.30	1.0	PQL		ND	UG/L	1
tert-Amyl methyl ether (TAME)	0.26	1.0	PQL		ND	UG/L	1
Di-isopropyl ether (DIPE)	0.37	1.0	PQL		ND	UG/L	1
tert-Butyl alcohol (TBA)	2.4	10.	PQL		ND	UG/L	1
1,2-Dichloroethane	0.30	0.50	PQL		ND	UG/L	1
1,2-Dibromoethane	0.30	0.50	PQL		ND	UG/L	1
Ethanol (EtOH)	100.	300.	PQL		ND	UG/L	1
Benzene	0.27	0.50	PQL		8.50	UG/L	1
Toluene	0.25	0.50	PQL		ND	UG/L	1
Ethylbenzene	0.25	0.50	PQL		ND	UG/L	1
Xylenes	0.25	0.50	PQL		ND	UG/L	1

SURROGATE AND INTERNAL STANDARD RECOVERIES:

4-Bromofluorobenzene	86-118	SLSA	95%	1
Toluene-d8	88-110	SLSA	100%	1
Dibromofluoromethane	86-115	SLSA	104%	1

Approved by: Wallace R. Pottz Date: 5/12/08

Project Name:	1620 S. DELAWARE ST.	Analysis:	VOCs by GC/MS Fuel Additives Plus BTEX
Project No:	236	Method:	8260FAB
		Prep Meth:	SW5030B

Field ID:	B-5	Lab Samp ID:	5140-4
Descr/Location:	B-5	Rec'd Date:	04/22/2008
Sample Date:	04/21/2008	Prep Date:	04/30/2008
Sample Time:	1302	Analysis Date:	04/30/2008
Matrix:	Water	QC Batch:	20080430A
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Methyl-tert-butyl ether (MTBE)	1.9	5.0	PQL		7.46	UG/L	5
Ethyl tert-butyl ether (ETBE)	1.5	5.0	PQL		ND	UG/L	5
tert-Amyl methyl ether (TAME)	1.3	5.0	PQL		ND	UG/L	5
Di-isopropyl ether (DIPE)	1.9	5.0	PQL		ND	UG/L	5
tert-Butyl alcohol (TBA)	12.	50.	PQL		ND	UG/L	5
1,2-Dichloroethane	1.5	2.5	PQL		18.6	UG/L	5
1,2-Dibromoethane	1.5	2.5	PQL		ND	UG/L	5
Ethanol (EtOH)	500.	2000.	PQL		ND	UG/L	5
Benzene	1.4	2.5	PQL		52.1	UG/L	5
Toluene	1.3	2.5	PQL		ND	UG/L	5
Ethylbenzene	1.3	2.5	PQL		ND	UG/L	5
Xylenes	1.3	2.5	PQL		ND	UG/L	5

SURROGATE AND INTERNAL STANDARD RECOVERIES:

4-Bromofluorobenzene	86-118	SLSA	95%	1
Toluene-d8	88-110	SLSA	99%	1
Dibromofluoromethane	86-115	SLSA	100%	1

Approved by: William R Roth Date: 5/12/08

Lab Report No.: 5140 Date: 05/12/2008

Project Name:	1620 S. DELAWARE ST.	Analysis:	VOCs by GC/MS Fuel Additives Plus BTEX
Project No:	236	Method:	8260FAB
		Prep Meth:	SW5030B

Field ID:	B-6	Lab Samp ID:	5140-5
Descr/Location:	B-6	Rec'd Date:	04/22/2008
Sample Date:	04/21/2008	Prep Date:	04/30/2008
Sample Time:	1400	Analysis Date:	04/30/2008
Matrix:	Water	QC Batch:	20080430A
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Methyl-tert-butyl ether (MTBE)	1.9	5.0	PQL		11.8	UG/L	5
Ethyl tert-butyl ether (ETBE)	1.5	5.0	PQL		ND	UG/L	5
tert-Amyl methyl ether (TAME)	1.3	5.0	PQL		ND	UG/L	5
Di-isopropyl ether (DIPE)	1.9	5.0	PQL		ND	UG/L	5
tert-Butyl alcohol (TBA)	12.	50.	PQL		ND	UG/L	5
1,2-Dichloroethane	1.5	2.5	PQL		21.7	UG/L	5
1,2-Dibromoethane	1.5	2.5	PQL		ND	UG/L	5
Ethanol (EtOH)	500.	2000.	PQL		ND	UG/L	5
Benzene	1.4	2.5	PQL		358.	UG/L	5
Toluene	1.3	2.5	PQL		ND	UG/L	5
Ethylbenzene	1.3	2.5	PQL		ND	UG/L	5
Xylenes	1.3	2.5	PQL		ND	UG/L	5

SURROGATE AND INTERNAL STANDARD RECOVERIES:

4-Bromofluorobenzene	86-118	SLSA	93%	1
Toluene-d8	88-110	SLSA	101%	1
Dibromofluoromethane	86-115	SLSA	101%	1

Approved by: Wallace M Pat Date: 5/12/08

Project Name:	1620 S. DELAWARE ST.	Analysis:	VOCs by GC/MS Fuel Additives Plus BTEX
Project No:	236	Method:	8260FAB
		Prep Meth:	SW5030B

Field ID:	MW-2	Lab Samp ID:	5140-1
Descr/Location:	MW-2	Rec'd Date:	04/22/2008
Sample Date:	04/21/2008	Prep Date:	04/30/2008
Sample Time:	1241	Analysis Date:	04/30/2008
Matrix:	Water	QC Batch:	20080430A
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Methyl-tert-butyl ether (MTBE)	1.9	5.0	PQL		9.34	UG/L	5
Ethyl tert-butyl ether (ETBE)	1.5	5.0	PQL		ND	UG/L	5
tert-Amyl methyl ether (TAME)	1.3	5.0	PQL		ND	UG/L	5
Di-isopropyl ether (DIPE)	1.9	5.0	PQL		ND	UG/L	5
tert-Butyl alcohol (TBA)	12.	50.	PQL		ND	UG/L	5
1,2-Dichloroethane	1.5	2.5	PQL		13.7	UG/L	5
1,2-Dibromoethane	1.5	2.5	PQL		ND	UG/L	5
Ethanol (EtOH)	500.	2000.	PQL		ND	UG/L	5
Benzene	1.4	2.5	PQL		40.6	UG/L	5
Toluene	1.3	2.5	PQL		ND	UG/L	5
Ethylbenzene	1.3	2.5	PQL		ND	UG/L	5
Xylenes	1.3	2.5	PQL		ND	UG/L	5

SURROGATE AND INTERNAL STANDARD RECOVERIES:

4-Bromofluorobenzene	86-118	SLSA	97%	1
Toluene-d8	88-110	SLSA	100%	1
Dibromofluoromethane	86-115	SLSA	101%	1

Approved by: Wallace H Poh Date: 5/12/08

Project Name:	1620 S. DELAWARE ST.	Analysis:	VOCs by GC/MS Fuel Additives Plus BTEX
Project No:	236	Method:	8260FAB
		Prep Meth:	SW5030B

Field ID:	SPC	Lab Samp ID:	5140-6
Descr/Location:	SPC	Rec'd Date:	04/22/2008
Sample Date:	04/21/2008	Prep Date:	05/01/2008
Sample Time:	1205	Analysis Date:	05/01/2008
Matrix:	Water	QC Batch:	20080430A
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Methyl-tert-butyl ether (MTBE)	1.9	5.0	PQL		5.42	UG/L	5
Ethyl tert-butyl ether (ETBE)	1.5	5.0	PQL		ND	UG/L	5
tert-Amyl methyl ether (TAME)	1.3	5.0	PQL		ND	UG/L	5
Di-isopropyl ether (DIPE)	1.9	5.0	PQL		ND	UG/L	5
tert-Butyl alcohol (TBA)	12.	50.	PQL		ND	UG/L	5
1,2-Dichloroethane	1.5	2.5	PQL		5.75	UG/L	5
1,2-Dibromoethane	1.5	2.5	PQL		ND	UG/L	5
Ethanol (EtOH)	500.	2000.	PQL		ND	UG/L	5
Benzene	1.4	2.5	PQL		146.	UG/L	5
Toluene	1.3	2.5	PQL		ND	UG/L	5
Ethylbenzene	1.3	2.5	PQL		8.23	UG/L	5
Xylenes	1.3	2.5	PQL		ND	UG/L	5

SURROGATE AND INTERNAL STANDARD RECOVERIES:

4-Bromofluorobenzene	86-118	SLSA	98%	1
Toluene-d8	88-110	SLSA	100%	1
Dibromofluoromethane	86-115	SLSA	103%	1

Approved by: William A. Poth Date: 5/12/08

Lab Report No.: 5140 Date: 05/12/2008

Project Name:	1620 S. DELAWARE ST.	Analysis:	CA LUFT Method for Gasoline Range Organics
Project No:	236	Method:	CATPH-G
		Prep Meth:	SW5030B

Field ID:	B-3	Lab Samp ID:	5140-2
Descr/Location:	B-3	Rec'd Date:	04/22/2008
Sample Date:	04/21/2008	Prep Date:	05/01/2008
Sample Time:	1445	Analysis Date:	05/01/2008
Matrix:	Water	QC Batch:	04302008A
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	0.04	0.05	PQL		ND	MG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		65-135	SLSA		84%		1

Approved by: William H Potts Date: 5/12/08

Project Name:	1620 S. DELAWARE ST.	Analysis:	CA LUFT Method for Gasoline Range Organics
Project No:	236	Method:	CATPH-G
		Prep Meth:	SW5030B

Field ID:	B-4	Lab Samp ID:	5140-3
Descr/Location:	B-4	Rec'd Date:	04/22/2008
Sample Date:	04/21/2008	Prep Date:	05/01/2008
Sample Time:	1325	Analysis Date:	05/01/2008
Matrix:	Water	QC Batch:	04302008A
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	0.020	0.050	PQL		0.12	MG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		65-135	SLSA		92%		1

Approved by: William H Pot Date: 5/12/08

Project Name:	1620 S. DELAWARE ST.	Analysis:	CA LUFT Method for Gasoline Range Organics
Project No:	236	Method:	CATPH-G
		Prep Meth:	SW5030B

Field ID:	B-5	Lab Samp ID:	5140-4
Descr/Location:	B-5	Rec'd Date:	04/22/2008
Sample Date:	04/21/2008	Prep Date:	05/01/2008
Sample Time:	1302	Analysis Date:	05/01/2008
Matrix:	Water	QC Batch:	04302008A
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	0.04	0.05	PQL		0.15	MG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		65-135	SLSA		85%		1

Approved by: William H Potts Date: 5/12/08

Project Name:	1620 S. DELAWARE ST.	Analysis:	CA LUFT Method for Gasoline Range Organics
Project No:	236	Method:	CATPH-G
		Prep Meth:	SW5030B

Field ID:	B-6	Lab Samp ID:	5140-5
Descr/Location:	B-6	Rec'd Date:	04/22/2008
Sample Date:	04/21/2008	Prep Date:	05/01/2008
Sample Time:	1400	Analysis Date:	05/01/2008
Matrix:	Water	QC Batch:	04302008A
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	0.04	0.05	PQL		0.57	MG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		65-135	SLSA		98%		1

Approved by: William R Pate Date: 5/12/08

Project Name:	1620 S. DELAWARE ST.	Analysis:	CA LUFT Method for Gasoline Range Organics
Project No:	236	Method:	CATPH-G
		Prep Meth:	SW5030B

Field ID:	MW-2	Lab Samp ID:	5140-1
Descr/Location:	MW-2	Rec'd Date:	04/22/2008
Sample Date:	04/21/2008	Prep Date:	04/30/2008
Sample Time:	1241	Analysis Date:	04/30/2008
Matrix:	Water	QC Batch:	04302008A
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	0.04	0.05	PQL		0.13	MG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		65-135	SLSA		87%		1

Approved by: William H Potts Date: 5/12/08

Project Name:	1620 S. DELAWARE ST.	Analysis:	CA LUFT Method for Gasoline Range Organics
Project No:	236	Method:	CATPH-G
		Prep Meth:	SW5030B

Field ID:	SPC	Lab Samp ID:	5140-6
Descr/Location:	SPC	Rec'd Date:	04/22/2008
Sample Date:	04/21/2008	Prep Date:	05/01/2008
Sample Time:	1205	Analysis Date:	05/01/2008
Matrix:	Water	QC Batch:	04302008A
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	0.04	0.05	PQL		0.34	MG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		65-135	SLSA		98%		1

Approved by: William H Potts Date: 5/12/08

QA/QC Report
Method Blank Summary

Bace Analytical, Windsor, CA

Lab Report No.: 5140 Date: 05/12/2008

QC Batch:	04302008A	Analysis:	CA LUFT Method for Gasoline Range
Matrix:	Water	Method:	CATPH-G
Lab Samp ID:	5140MB	Prep Meth:	SW5030B
Analysis Date:	04/30/2008	Prep Date:	04/30/2008
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	0.020	0.050	PQL		ND	MG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		65-135	SLSA		89%		1

QA/QC Report
Matrix Spike/Duplicate Matrix Spike Summary

Bace Analytical, Windsor, CA

Lab Report No.: 5140 Date: 05/12/2008

QC Batch: 04302008A
Matrix: Water
Lab Samp ID: 5140MS
Basis: Not Filtered

Project Name: Lab Generated or Non COE Sample
Project No.: Lab Generated or Non COE Sample
Field ID: Lab Generated or Non COE Sample
Lab Ref ID: 5139-6

Analyte	Analysis Method	Spike Level MS	Spike Level DMS	Sample Result	Spike Result MS	Spike Result DMS	Units	% Recoveries MS	% Recoveries DMS	% Recoveries RPD	Acceptance Criteria % Rec		Acceptance Criteria RPD
Gasoline Range Organics (C5-C12)	CATPH-G	0.500	0.500	ND	0.543	0.494	MG/L	109	98.8	9.8	135-65	MSA	25MSP
4-Bromofluorobenzene	CATPH-G	100.	100.	83.	96.	98.	PERCENT	96.0	98.0	2.1	135-65	SLSA	20SLSP

QA/QC Report
Method Blank Summary

Bace Analytical, Windsor, CA

QC Batch:	20080430A	Analysis:	VOCs by GC/MS Fuel Additives Plus BTEX
Matrix:	Water	Method:	8260FAB
Lab Samp ID:	5140MB	Prep Meth:	SW5030B
Analysis Date:	04/30/2008	Prep Date:	04/30/2008
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Methyl-tert-butyl ether (MTBE)	0.38	1.0	PQL		ND	UG/L	1
Ethyl tert-butyl ether (ETBE)	0.30	1.0	PQL		ND	UG/L	1
tert-Amyl methyl ether (TAME)	0.26	1.0	PQL		ND	UG/L	1
Di-isopropyl ether (DIPE)	0.37	1.0	PQL		ND	UG/L	1
tert-Butyl alcohol (TBA)	2.4	10.	PQL		ND	UG/L	1
1,2-Dichloroethane	0.30	0.50	PQL		ND	UG/L	1
1,2-Dibromoethane	0.30	0.50	PQL		ND	UG/L	1
Benzene	0.27	0.50	PQL		ND	UG/L	1
Toluene	0.25	0.50	PQL		ND	UG/L	1
Ethylbenzene	0.25	0.50	PQL		ND	UG/L	1
Xylenes	0.25	0.50	PQL		ND	UG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		86-118	SLSA		90%		1
Toluene-d8		88-110	SLSA		104%		1
Dibromofluoromethane		86-115	SLSA		108%		1

QA/QC Report
Matrix Spike/Duplicate Matrix Spike Summary

Bace Analytical, Windsor, CA

Lab Report No.: 5140 Date: 05/12/2008

QC Batch: 20080430A
Matrix: Water
Lab Samp ID: 5140MS
Basis: Not Filtered

Project Name: Lab Generated or Non COE Sample
Project No.: Lab Generated or Non COE Sample
Field ID: Lab Generated or Non COE Sample
Lab Ref ID: 5139-1

Analyte	Analysis Method	Spike Level MS	Spike Level DMS	Sample Result	Spike Result MS	Spike Result DMS	Units	% Recoveries MS	% Recoveries DMS	% Recoveries RPD	Acceptance Criteria % Rec		Acceptance Criteria RPD
1,2-Dibromoethane	8260FAB	10.0	10.0	ND	9.51	8.79	UG/L	95.1	87.9	7.9	130-70	MSA	20MSP
1,2-Dichloroethane	8260FAB	10.0	10.0	ND	7.19	7.06	UG/L	71.9	70.6	1.8	130-70	MSA	20MSP
Benzene	8260FAB	10.0	10.0	ND	7.80	7.74	UG/L	78.0	77.4	0.77	127-76	MSA	20MSP
Di-isopropyl ether (DIPE)	8260FAB	10.0	10.0	ND	7.47	7.28	UG/L	74.7	72.8	2.6	140-60	MSA	20MSP
Ethyl tert-butyl ether (ETBE)	8260FAB	10.0	10.0	ND	7.47	7.12	UG/L	74.7	71.2	4.8	140-60	MSA	20MSP
Ethylbenzene	8260FAB	10.0	10.0	ND	7.10	7.44	UG/L	71.0	74.4	4.7	130-70	MSA	20MSP
Methyl-tert-butyl ether (MTBE)	8260FAB	10.0	10.0	ND	9.95	9.25	UG/L	99.5	92.5	7.3	140-60	MSA	20MSP
Toluene	8260FAB	10.0	10.0	ND	7.69	7.72	UG/L	76.9	77.2	0.39	125-76	MSA	20MSP
Xylenes	8260FAB	30.0	30.0	ND	21.3	22.1	UG/L	71.0	73.7	3.7	130-70	MSA	25MSP
tert-Amyl methyl ether (TAME)	8260FAB	10.0	10.0	ND	8.75	8.96	UG/L	87.5	89.6	2.4	140-60	MSA	20MSP
tert-Butyl alcohol (TBA)	8260FAB	50.0	50.0	ND	54.7	46.3	UG/L	109	92.6	16	140-60	MSA	25MSP
4-Bromofluorobenzene	8260FAB	100.	100.	90.	89.	89.	PERCENT	89.0	89.0	0.00	118-86	SLSA	20SLSP
Dibromofluoromethane	8260FAB	100.	100.	104.	103.	101.	PERCENT	103	101	2.0	115-86	SLSA	20SLSP
Toluene-d8	8260FAB	100.	100.	99.	99.	100.	PERCENT	99.0	100	1.0	110-88	SLSA	20SLSP

Chain of Custody

Project #	Project Address																			C.O.C. No. 12351
236	1620 S. Delaware St., San Mateo, CA																			
BG No.	Sampler's Signature: DeSchamps																			Remarks:
Date Sampled	Sample I.D.	Time (24 Hour)	Sample Type	Number of Containers	Analysis: TPH-GMS	8260B (BTEX, PetFo OXY, Pb SCAV)	Ethanol													
4-21-08	MW-2	1241	H_2O	4	X	X	X													5140-1
4-21-08	B-3	1445	↓	↓	X	X	X													-2
4-21-08	B-4	1325			X	X	X													-3
4-21-08	B-5	1302			X	X	X													-4
4-21-08	B-6	1400			X	X	X													-5
4-21-08	SPC	1205			X	X	X													-6

Laboratory: BAFS

Preservation: A - HCL; B - HNO3; C - Ice (Specify) TAT: R; 2-WK; Urgent; Immediate (Specify)

Relinquished by: (signed)	Date/Time	Received by: (signed)	Results To: (Office Use Only)
DeSchamps	4-21-08 1000	4/22/08 1015	Dave C. EDF
Relinquished by: (signed)	Date/Time	Received by: (signed)	Global ID: (Office Use Only)
Relinquished by: (signed)	Date/Time	Received for Laboratory by: (signed)	

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