Brunsing Associates, Inc.

January 26, 2006

Project No. 646

Mr. Stephan Bargsten
Regional Water Quality Control Board
North Coast Region
5550 Skylane Boulevard, Suite A
Santa Rosa, California 95403

Quarterly Groundwater Monitoring Report
July and October 2005
Former Bill's Texaco
1980 Sebastopol Road
Santa Rosa, California

Dear Mr. Bargsten:

This report presents the results of groundwater monitoring performed at 1980 Sebastopol Road, Santa Rosa, California (Plates 1 and 2) by Brunsing Associates, Inc. (BAI). The current groundwater monitoring program consists of quarterly depth to water measurements and quarterly groundwater sampling.

This report includes the groundwater monitoring results for the July and October 2005 monitoring events. Groundwater elevation data from June 2000 through April 2001 are summarized in Table 1. The monitoring wells were re-surveyed to mean sea level by Adobe Associates, Inc. on September 11, 2001. The new survey data and the groundwater elevations since September 2001 are included in Table 2. Table 3 summarizes the groundwater analytical data for the monitoring wells since 1992 and for the soil vapor extraction wells. Well construction details are summarized in Table 4. The locations of the borings and wells are shown on Plate 2.

PREVIOUS INVESTIGATIONS

The site history discussed below through 1998 is based on the data presented in the document "September 30, 1988 Report", by Delta Environmental Consultants, Inc. (Delta), dated September 30, 1988, and the document "Ground Water Monitoring Report for August 1998", by GeoPlexus, Inc. (GeoPlexus), dated August 31, 1998.

Four soil borings (B-1 through B-4) were drilled under the direction of Earthtec, Inc., (Earthtec) in October 1986. Borings B-1 and B-2 were located adjacent to the underground storage tanks (USTs) and borings B-3 and B-4 were located adjacent to the pump islands. A single soil sample was collected from borings B-1 and B-3 for analysis. The analytical results of the soil sample collected from boring B-1 at 11. 5 feet below ground surface (bgs) reported a concentration of

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total petroleum hydrocarbons (TPH) as gasoline at 880 milligrams per kilogram (mg/kg). The analytical test results of the soil sample collected from boring B-3 at 6.5 bgs reported nondetectable concentrations of TPH as gasoline.

A Sonoma County Health Department Unauthorized Release Report was issued in December 1986 citing discovery of a piping leak.

Based on the piping leak and the analytical test results of the soil sample collected from boring B-1 at 11.5 feet bgs, four groundwater monitoring wells (MW-1 through MW-4) were installed and one soil boring (B-5) was drilled at the site in March 1987 by Earthtec and Delta. The analytical results of the soil sample collected from well boring MW-1 at a depth of 11.5 feet bgs reported a concentration of TPH as gasoline of 360 mg/kg. The soil sample collected from boring B-5 at a depth of 6.5 feet bgs contained 2,700 mg/kg of TPH as gasoline.

Based on the analytical results of soil and groundwater sampling, three additional groundwater monitoring wells were proposed to further characterize the extent of the groundwater contamination. Groundwater monitoring wells MW-5, MW-6, and MW-7 were installed in October 1987. The analytical results of the soil samples collected from MW-5 at 11.5 feet bgs, MW-6 at 11.5 feet bgs, and MW-7 at 10.5 feet bgs reported concentrations of TPH as gasoline at 0.3, 0.8, and 0.1 mg/kg, respectively.

During a groundwater sampling event by Delta on October 14, 1987, more than 2 feet of product was observed in monitoring well MW-2. Free product was not observed in any of the other wells during that sampling round. Water and product were pumped from well MW-2 in November 1987 and disposed of off-site by JP Services, Inc.

A soil vapor survey was conducted by Delta in April 1988. The results of the soil vapor survey indicated the presence of benzene on the south and western portions of the study site. Based on the results of the soil vapor survey, Delta proposed the installation of four additional monitoring wells off-site to the south and west. The analytical results of the soil samples collected reported nondetectable concentrations of all analytes tested.

A groundwater extraction test well (TW-1) was installed by Delta in June 1988. Well TW-1 was screened with 20 feet of slotted casing from 5 feet bgs to 25 feet bgs. A pumping test performed on well TW-1 produced a flow rate of 1.5 gallons per minute (gpm) at a sustained rate. The drawdown was measured by Delta at approximately 10 feet in two hours and depth to water measurements in well MW-5 indicated a water level decrease of six inches.

The USTs and pump islands were removed, and some obviously contaminated soil was excavated and stockpiled onsite in 1989. The excavation extended down to depths ranging from 6 to 9 feet bgs. The excavation was backfilled and the soil stockpile was disposed of.

In March 1992, borings EB-1 through EB-4 were drilled and sampled down to 6 feet bgs under the direction of GeoPlexus to further characterize the extent of soil contamination onsite

Monitoring wells MW-12 through MW-15 were also installed to further characterize the extent of groundwater contamination. The results of the investigation were included in a GeoPlexus report dated April 21, 1992.

In 1999, BAI performed a soil vapor extraction pilot test, which included the installation of soil vapor extraction wells SV-1, SV-2, and SV-3. Based on the pilot test, BAI concluded that soil vapor extraction was a feasible remedial option for the site. The results of the pilot test were presented in BAI's report "Soil Vapor Extraction Pilot Test", dated December 4, 2001.

BAI prepared a feasibility study and corrective action plan (FS/CAP), dated April 14, 2003 to address the known soil and groundwater contamination in the shallow water-bearing zone.

BAI supervised the advancement of four soil borings (B-6 through B-9) during the period of May 19 through May 24, 2004. Soil and grab groundwater samples were collected and analyzed from each boring. Boring B-7 was converted to nested well MW-16, with three discrete well casings and screen intervals. Well MW-16A is the shallowest well and is screened from 9.0 to 13 feet bgs. The second deepest well is designated MW-16B and is screened from 24 to 29 feet bgs. The deepest well is MW-16C and is screened from 35 to 39 feet bgs. The results of the investigation are presented in BAI's document "Further Site Characterization", dated September 10, 2004.

Installation of the remediation system proposed in the CAP was initiated in September 2004, with the installation of soil vapor extraction wells SVE-1 through SVE-13 and groundwater extraction well GWE-1. Further installation of the remediation system was delayed until the City of Santa Rosa issued the required permits. Currently, the remediation wells and piping have been installed. At this time, BAI has scheduled PG&E to install and connect the power supply to the remediation system. A report summarizing the remediation system installation, including installation of the soil vapor extraction wells and well GWE-1 will be prepared after startup of the remediation system.

To date, a total of 15 groundwater monitoring wells, one nested monitoring well, 13 soil vapor extraction wells, and two groundwater extraction well have been installed on-site and off-site to characterize the soil and shallow groundwater contamination. Wells TW-1 and MW-14 have been abandoned. Well MW-8 is located northeast of well MW-3, on the north side of Sebastopol Road. Well MW-8 is no longer available for monitoring purposes because an underground utility was constructed through well MW-8 after the well was completed.

WATER-LEVEL MEASUREMENTS

Groundwater levels were measured in 14 monitoring wells and well chambers, in 10 soil vapor extraction wells, and in 1 groundwater extraction well on July 28, 2005 by BAI personnel. Water levels were also measured in the 14 monitoring wells and well chambers on October 7, 2005. Well MW-15 was not monitored due to the presence of heavy brush and soil that have covered

the area near well MW-15. Well MW-3 was also inaccessible, which is temporarily buried under a soil stockpile. Notes on the July 2005 Well Sampling Field Logs for monitoring wells MW-1 and MW-2 indicate that a sheen was observed on the water during sampling of those wells.

The measured depths to groundwater, calculated groundwater elevations, predominant groundwater flow directions, and approximate flow gradients are included in Table 2. Groundwater contours for July 28 and October 7, 2005 were calculated using data from wells MW-1, MW-2, MW-4, MW-5, MW-6, MW-7, MW-9, MW-10, MW-11, MW-12, and MW-13. The predominant groundwater flow directions for July and October 2005 were generally towards the west and southwest, with a high groundwater elevation at well MW-12 causing flow towards the north. The groundwater gradients ranged from approximately 0.01 to 0.023 foot per foot. The groundwater flow directions for July and October 2005 are shown on Plates 3 and 4, respectively.

GROUNDWATER SAMPLING

Wells MW-1, MW-2, MW-4, MW-5, MW-6, MW-7, MW-9, MW-10, MW-11, MW-12, MW-13, MW-16A, MW-16B, and MW-16C were sampled between July 28 and August 1, 2005, and again on October 7, 2005. The wells were sampled in accordance with the sampling protocol presented in Appendix A. All samples were analyzed for total petroleum hydrocarbons (TPH) as gasoline using EPA Test Method 8260TPH, and for benzene, toluene, ethylbenzene, and xylenes (BTEX), petroleum oxygenates, and lead scavengers using EPA Test Method 8260 by BACE Analytical and Field Services, Inc. (BAFS). The well sampling field logs are presented in Appendix B.

ANALYTICAL RESULTS

TPH as gasoline, BTEX, petroleum oxygenates, and lead scavengers were not reported in the groundwater samples collected from wells MW-7, MW-9, MW-10, MW-11, MW-12, and MW-13, or in the July 2005 samples collected from well MW-5. TPH as gasoline was reported in the MW-1, MW-2, and MW-16A samples at concentrations ranging from 12 to 60 milligrams per liter (mg/l). TPH as gasoline was also reported in the July and October 2005 MW-5 samples, in the August and October 2005 MW-6 samples, and in the July 2005 groundwater sample collected from well chamber MW-16C. BTEX was reported in the MW-1, MW-2, and MW-16A samples at concentrations ranging from 45.7 to 8,320 micrograms per liter (µg/l). Benzene, ethylbenzene, and/or xylenes were also reported in the July 2005 samples collected from wells MW-4, MW-6, and MW-16B samples and in the October 2005 samples collected from wells MW-4, MW-5, and MW-16B.

MTBE was reported in the samples collected from well chamber MW-16C at 1.50 and 1.16 µg/l. The groundwater analytical data are presented in Table 3. The laboratory reports, including quality assurance/quality control data, are presented in Appendix C.

CONCLUSIONS AND RECOMMENDATIONS

The highest petroleum hydrocarbons concentrations were again reported in the groundwater samples colleted from well MW-16A. High petroleum hydrocarbon concentrations were also reported in the groundwater samples collected from wells MW-1 and MW-2, which are also located down-gradient from the former UST excavation. TPH as gasoline concentrations increased in the groundwater samples colleted from wells MW-1 and MW-2, and decreased in the samples from well chamber MW-16A, compared to the April 2005 data. The current benzene concentrations were less than those reported in April 2005 for wells MW-2 and MW-16A, however, benzene concentrations were higher than the April 2005 concentrations for well MW-1.

Of the 8 samples collected from well chamber MW-16C to date, MTBE has been reported in 4 of the samples. The recently reported MTBE concentrations were 1.50 and 1.16 µg/l. Well MW-16C is screened from 35 to 39 feet bgs. Two additional nested wells are scheduled to be installed in February 2006. The data from the nested wells will be used to evaluate the presence of MTBE in the deeper water-bearing zone.

SCHEDULE FOR NEXT MONITORING ACTIVITIES

The next quarterly groundwater monitoring event was performed in December 2005. The results of the December sampling event will be reported when the analytical results have been received and reviewed.

Should you have any questions regarding this report, please contact Diana Dickerson or Bill Coset at (707) 838-3027.

Sincerely,

Diana M. Dickerson, P.G., R.E.A.
Principal Geologist

PROFESSIONAL GEOLOGIST
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cc: Sheri and Don Bertoli
Mr. Patrick Murphy

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Table 1. Groundwater Elevations from June 2000 through April 2001
1980 Sebastopol Road
Santa Rosa, California

Well Number	Date Measured	Top of Casing Elevation (feet)	Depth to water (feet)	Groundwater Elevation (feet)	Groundwater Flow Direction	Groundwater Gradient (foot/foot)
MW-1	6/28/2000	NA	3.57		South-Southwest	0.013
MW-2	6/28/2000	98.54	5.52	93.02		
MW-3	6/28/2000	100.94	4.39	96.55		
MW-4	6/28/2000	101.33	4.12	97.21		
MW-5	6/28/2000	98.89	4.67	94.22		
MW-6	6/28/2000	99.18	4.21	94.97		
MW-7	6/28/2000	99.44	4.70	94.74		
MW-8	6/28/2000	104.01	6.51	97.50		
MW-9	6/28/2000	101.14	5.27	95.87		
MW-10	6/28/2000	101.00	5.00	96.00		
MW-11	6/28/2000	100.03	5.99	94.04		
MW-12	6/28/2000	104.09	4.94	99.15		
MW-13	6/28/2000	98.06	4.48	93.58		
MW-15	6/28/2000	99.32	5.55	93.77		
MW-1	10/31/2000	NA	9.81		East	0.020
MW-2	10/31/2000	98.54	7.34	91.20		
MW-3	10/31/2000	100.94	10.63	90.31		
MW-4	10/31/2000	101.33	11.69	89.64		
MW-5	10/31/2000	98.89	8.33	90.56		
MW-6	10/31/2000	99.18	nm			
MW-7	10/31/2000	99.44	nm			
MW-8	10/31/2000	104.01	nm			
MW-9	10/31/2000	101.14	nm			
MW-10	10/31/2000	101.00	nm			
MW-11	10/31/2000	100.03	12.31	87.72		
MW-12	10/31/2000	104.09	14.55	89.54		
MW-13	10/31/2000	98.06	nm			
MW-15	10/31/2000	99.32	nm			

Table 1. Groundwater Elevations from June 2000 through April 2001
1980 Sebastopol Road
Santa Rosa, California

Well Number	Date Measured	Top of Casing Elevation (feet)	Depth to water (feet)	Groundwater Elevation (feet)	Groundwater Flow Direction	Groundwater Gradient (foot/foot)
MW-1	1/18/2001	NA	8.50			
MW-2	1/18/2001	98.54	7.65	90.89	West-Southwest	0.009
MW-3	1/18/2001	100.94	8.95	91.99		
MW-4	1/18/2001	101.33	10.01	91.32		
MW-5	1/18/2001	98.89	8.16	90.73		
MW-6	1/18/2001	99.18	nm			
MW-7	1/18/2001	99.44	nm			
MW-8	1/18/2001	104.01	nm			
MW-9	1/18/2001	101.14	nm			
MW-10	1/18/2001	101.00	nm			
MW-11	1/18/2001	100.03	10.15	89.88		
MW-12	1/18/2001	104.09	12.90	91.19		
MW-13	1/18/2001	98.06	nm			
MW-15	1/18/2001	99.32	nm			
MW-1	4/27/2001	NA	7.39		Southwest	0.011
MW-2	4/27/2001	98.54	6.05	92.49		
MW-3	4/27/2001	100.94	7.20	93.74		
MW-4	4/27/2001	101.33	8.21	93.12		
MW-5	4/27/2001	98.89	6.21	92.68		
MW-6	4/27/2001	99.18	nm			
MW-7	4/27/2001	99.44	nm			
MW-8	4/27/2001	104.01	nm			
MW-9	4/27/2001	101.14	nm			
MW-10	4/27/2001	101.00	nm			
MW-11	4/27/2001	100.03	8.60	91.43		
MW-12	4/27/2001	104.09	11.00	93.09		
MW-13	4/27/2001	98.06	nm			
MW-15	4/27/2001	99.32	nm			

Casing elevations from Geo Plexus, Inc. Groundwater Monitoring Report dated August 31, 1998.
Elevations surveyed from a temporary benchmark with an assumed elevation of 100.0 feet
Groundwater flow direction and gradient calculated in June 2000 using data from wells
MW-3, MW-7, and MW-12, starting in October 2000 using data from wells MW-2, MW-3, and MW-12.
nm = not measured, well not accessible.
NA = not available.

Table 2. Groundwater Elevations Since September 2001

1980 Sebastopol Road

Santa Rosa, California

Well Number	Date Measured	Top of Casing Elevation (feet, MSL)	Depth to Fluid/Air Interface (feet)	Depth to Product/Water Interface (feet)	Elevation of Groundwater Uncorrected (feet, MSL)	Floating Product Thickness (feet)	Correction for Free Product (Factor of 0.76)[A] (feet)	Hydraulic Potential[B] (feet, MSL)	Predominate Groundwater Flow Direction	Approximate Groundwater Gradient (foot/foot)
MW-1	9/11/2001	123.13	11.17	11.17	111.96	0.00	0.00	111.96	Southwest	0.007
MW-2	9/11/2001	122.18	10.55	10.89	111.63	0.34	0.03	111.66		
MW-3	9/11/2001	124.10	11.59	11.59	112.51	0.00	0.00	112.51		
MW-4	9/11/2001	124.53	13.05	13.05	111.48	0.00	0.00	111.48		
MW-5	9/11/2001	122.48	11.15	11.15	111.33	0.00	0.00	111.33		
MW-6	9/11/2001	122.41	11.93	11.93	110.48	0.00	0.00	110.48		
MW-7	9/11/2001	122.63	11.31	11.31	111.32	0.00	0.00	111.32		
MW-9	9/11/2001	124.34	14.26	14.26	110.08	0.00	0.00	110.08		
MW-10	9/11/2001	124.20	14.14	14.14	110.06	0.00	0.00	110.06		
MW-11	9/11/2001	124.15	13.78	13.78	110.37	0.00	0.00	110.37		
MW-12	9/11/2001	123.07	11.66	11.66	111.41	0.00	0.00	111.41		
MW-13	9/11/2001	121.24	11.36	11.36	109.88	0.00	0.00	109.88		
MW-15	9/11/2001	122.55	12.21	12.21	110.34	0.00	0.00	110.34		
MW-1	10/16/2001	123.13	12.21	12.21	110.92	0.00	0.00	110.92	Southwest	0.007
MW-2[C]	10/16/2001	122.18	12.40	12.40	109.78	0.00	0.00	109.78		
MW-3	10/16/2001	124.10	12.58	12.58	111.52	0.00	0.00	111.52		
MW-4	10/16/2001	124.53	13.92	13.92	110.61	0.00	0.00	110.61		
MW-5	10/16/2001	122.48	11.95	11.95	110.53	0.00	0.00	110.53		
MW-6	10/16/2001	122.41	12.56	12.56	109.85	0.00	0.00	109.85		
MW-7	10/16/2001	122.63	12.23	12.23	110.40	0.00	0.00	110.40		
MW-9	10/16/2001	124.34	14.96	14.96	109.38	0.00	0.00	109.38		
MW-10	10/16/2001	124.20	14.81	14.81	109.39	0.00	0.00	109.39		
MW-11	10/16/2001	124.15	14.49	14.49	109.66	0.00	0.00	109.66		
MW-12	10/16/2001	123.07	12.29	12.29	110.78	0.00	0.00	110.78		
MW-13	10/16/2001	121.24	11.93	11.93	109.31	0.00	0.00	109.31		
MW-15	10/16/2001	122.55	12.86	12.86	109.69	0.00	0.00	109.69		

Table 2. Groundwater Elevation Data Since September 2001

1980 Sebastopol Road
Santa Rosa, California

Well Number	Date Measured	Top of Casing Elevation (feet, MSL)	Depth to Fluid/Air Interface (feet)	Depth to Product/Water Interface (feet)	Elevation of Groundwater Uncorrected (feet, MSL)	Floating Product Thickness (feet)	Correction for Free Product (Factor of 0.76)[A] (feet)	Hydraulic Potential[B] (feet, MSL)	Predominate Groundwater Flow Direction	Approximate Groundwater Gradient (foot/foot)
MW-1[D]	11/13/2001	123.13	9.62	9.62	113.51	0.00	0.00	113.51	South	0.019
MW-2	11/13/2001	122.18	8.27	8.35	113.91	0.08	0.01	113.92		
MW-3	11/13/2001	124.10	10.63	10.63	113.47	0.00	0.00	113.47		
MW-4	11/13/2001	124.53	11.80	11.80	112.73	0.00	0.00	112.73		
MW-5	11/13/2001	122.48	8.87	8.87	113.61	0.00	0.00	113.61		
MW-6[D]	11/13/2001	122.41	10.33	10.33	112.08	0.00	0.00	112.08		
MW-7	11/13/2001	122.63	9.61	9.61	113.02	0.00	0.00	113.02		
MW-9	11/13/2001	124.34	12.83	12.83	111.51	0.00	0.00	111.51		
MW-10	11/13/2001	124.20	11.82	11.82	112.38	0.00	0.00	112.38		
MW-11	11/13/2001	124.15	12.52	12.52	111.63	0.00	0.00	111.63		
MW-12	11/13/2001	123.07	11.86	11.86	111.21	0.00	0.00	111.21		
MW-13	11/13/2001	121.24	10.04	10.04	111.20	0.00	0.00	111.20		
MW-15	11/13/2001	122.55	10.67	10.67	111.88	0.00	0.00	111.88		
MW-1	12/11/2001	123.13	6.28	6.28	116.85	0.00	0.00	116.85	Southwest	0.008
MW-2	12/11/2001	122.18	4.52	4.52	117.66	0.00	0.00	117.66		
MW-3	12/11/2001	124.10	5.74	5.74	118.36	0.00	0.00	118.36		
MW-4	12/11/2001	124.53	6.60	6.60	117.93	0.00	0.00	117.93		
MW-5	12/11/2001	122.48	4.88	4.88	117.60	0.00	0.00	117.60		
MW-6	12/11/2001	122.41	nm	nm						
MW-7	12/11/2001	122.63	nm	nm						
MW-9	12/11/2001	124.34	nm	nm						
MW-10	12/11/2001	124.20	nm	nm						
MW-11	12/11/2001	124.15	6.98	6.98	117.17	0.00	0.00	117.17		
MW-12	12/11/2001	123.07	5.02	5.02	118.05	0.00	0.00	118.05		
MW-13	12/11/2001	121.24	6.34	6.34	114.90	0.00	0.00	114.90		
MW-15	12/11/2001	122.55	nm	nm						

Table 2. Groundwater Elevation Data Since September 2001

1980 Sebastopol Road
Santa Rosa, California

Well Number	Date Measured	Top of Casing Elevation (feet, MSL)	Depth to Fluid/Air Interface (feet)	Depth to Product/Water Interface (feet)	Elevation of Groundwater Uncorrected (feet, MSL)	Floating Product Thickness (feet)	Correction for Free Product (Factor of 0.76)[A] (feet)	Hydraulic Potential[B] (feet, MSL)	Predominate Groundwater Flow Direction	Approximate Groundwater Gradient (foot/foot)
MW-1	1/15/2002	123.13	5.93	5.93	117.20	0.00	0.00	117.20	West to South	0.005 to 0.029
MW-2	1/15/2002	122.18	4.18	4.18	118.00	0.00	0.00	118.00		
MW-3	1/15/2002	124.10	5.44	5.44	118.66	0.00	0.00	118.66		
MW-4	1/15/2002	124.53	6.00	6.00	118.53	0.00	0.00	118.53		
MW-5	1/15/2002	122.48	4.52	4.52	117.96	0.00	0.00	117.96		
MW-6	1/15/2002	122.41	6.69	6.69	115.72	0.00	0.00	115.72		
MW-7	1/15/2002	122.63	6.70	6.70	115.93	0.00	0.00	115.93		
MW-9	1/15/2002	124.34	8.53	8.53	115.81	0.00	0.00	115.81		
MW-10	1/15/2002	124.20	7.98	7.98	116.22	0.00	0.00	116.22		
MW-11	1/15/2002	124.15	6.38	6.38	117.77	0.00	0.00	117.77		
MW-12	1/15/2002	123.07	4.46	4.46	118.61	0.00	0.00	118.61		
MW-13	1/15/2002	121.24	5.65	5.65	115.59	0.00	0.00	115.59		
MW-15	1/15/2002	122.55	6.79	6.79	115.76	0.00	0.00	115.76		
MW-1[D]	2/12/2002	123.13	6.55	6.55	116.58	0.00	0.00	116.58	West to Southwest	0.005 to 0.020
MW-2	2/12/2002	122.18	5.00	5.00	117.18	0.00	0.00	117.18		
MW-3	2/12/2002	124.10	6.12	6.12	117.98	0.00	0.00	117.98		
MW-4	2/12/2002	124.53	7.07	7.07	117.46	0.00	0.00	117.46		
MW-5	2/12/2002	122.48	5.29	5.29	117.19	0.00	0.00	117.19		
MW-6	2/12/2002	122.41	7.65	7.65	114.76	0.00	0.00	114.76		
MW-7	2/12/2002	122.63	7.34	7.34	115.29	0.00	0.00	115.29		
MW-9	2/12/2002	124.34	9.79	9.79	114.55	0.00	0.00	114.55		
MW-10	2/12/2002	124.20	9.31	9.31	114.89	0.00	0.00	114.89		
MW-11	2/12/2002	124.15	7.36	7.36	116.79	0.00	0.00	116.79		
MW-12	2/12/2002	123.07	5.63	5.63	117.44	0.00	0.00	117.44		
MW-13	2/12/2002	121.24	6.44	6.44	114.80	0.00	0.00	114.80		
MW-15	2/12/2002	122.55	7.85	7.85	114.70	0.00	0.00	114.70		

Table 2. Groundwater Elevations Since September 2001

1980 Sebastopol Road

Santa Rosa, California

Well Number	Date Measured	Top of Casing Elevation (feet, MSL)	Depth to Fluid/Air Interface (feet)	Depth to Product/Water Interface (feet)	Elevation of Groundwater Uncorrected (feet, MSL)	Floating Product Thickness (feet)	Correction for Free Product (Factor of 0.76)[A] (feet)	Hydraulic Potential[B] (feet, MSL)	Predominate Groundwater Flow Direction	Approximate Groundwater Gradient (foot/foot)
MW-1	3/12/2002	123.13	5.97	5.97	117.16	0.00	0.00	117.16	Northwest to Southwest	0.016 to 0.050
MW-2	3/12/2002	122.18	4.07	4.07	118.11	0.00	0.00	118.11		
MW-3	3/12/2002	124.10	5.40	5.40	118.70	0.00	0.00	118.70		
MW-4	3/12/2002	124.53	5.98	5.98	118.55	0.00	0.00	118.55		
MW-5	3/12/2002	122.48	4.40	4.40	118.08	0.00	0.00	118.08		
MW-6	3/12/2002	122.41	6.79	6.79	115.62	0.00	0.00	115.62		
MW-7	3/12/2002	122.63	6.76	6.76	115.87	0.00	0.00	115.87		
MW-9	3/12/2002	124.34	8.53	8.53	115.81	0.00	0.00	115.81		
MW-10	3/12/2002	124.20	7.03	7.03	117.17	0.00	0.00	117.17		
MW-11	3/12/2002	124.15	6.23	6.23	117.92	0.00	0.00	117.92		
MW-12	3/12/2002	123.07	4.32	4.32	118.75	0.00	0.00	118.75		
MW-13	3/12/2002	121.24	5.45	5.45	115.79	0.00	0.00	115.79		
MW-15	3/12/2002	122.55	6.89	6.89	115.66	0.00	0.00	115.66		
MW-1	4/16/2002	123.13	7.11	7.11	116.02	0.00	0.00	116.02	Northwest to South	0.005 to 0.030
MW-2[C]	4/16/2002	122.18	5.58	5.58	116.60	0.00	0.00	116.60		
MW-3	4/16/2002	124.10	6.88	6.88	117.22	0.00	0.00	117.22		
MW-4	4/16/2002	124.53	7.94	7.94	116.59	0.00	0.00	116.59		
MW-5	4/16/2002	122.48	5.78	5.78	116.70	0.00	0.00	116.70		
MW-6	4/16/2002	122.41	8.21	8.21	114.20	0.00	0.00	114.20		
MW-7	4/16/2002	122.63	7.82	7.82	114.81	0.00	0.00	114.81		
MW-9	4/16/2002	124.34	10.40	10.40	113.94	0.00	0.00	113.94		
MW-10	4/16/2002	124.20	10.01	10.01	114.19	0.00	0.00	114.19		
MW-11	4/16/2002	124.15	8.02	8.02	116.13	0.00	0.00	116.13		
MW-12	4/16/2002	123.07	6.43	6.43	116.64	0.00	0.00	116.64		
MW-13	4/16/2002	121.24	6.91	6.91	114.33	0.00	0.00	114.33		
MW-15	4/16/2002	122.55	8.43	8.43	114.12	0.00	0.00	114.12		

Table 2. Groundwater Elevations Since September 2001

1980 Sebastopol Road
Santa Rosa, California

Well Number	Date Measured	Top of Casing Elevation (feet, MSL)	Depth to Fluid/Air Interface (feet)	Depth to Product/Water Interface (feet)	Elevation of Groundwater Uncorrected (feet, MSL)	Floating Product Thickness (feet)	Correction for Free Product (Factor of 0.76)[A] (feet)	Hydraulic Potential[B] (feet, MSL)	Predominate Groundwater Flow Direction	Approximate Groundwater Gradient (foot/foot)
MW-1[D]	5/14/2002	123.13	7.66	7.66	115.47	0.00	0.00	115.47	West to South	0.008 to 0.025
MW-2	5/14/2002	122.18	6.62	6.63	115.56	0.01	0.00	115.56		
MW-3	5/14/2002	124.10	7.78	7.78	116.32	0.00	0.00	116.32		
MW-4	5/14/2002	124.53	8.81	8.81	115.72	0.00	0.00	115.72		
MW-5	5/14/2002	122.48	6.62	6.62	115.86	0.00	0.00	115.86		
MW-6	5/14/2002	122.41	8.72	8.72	113.69	0.00	0.00	113.69		
MW-7	5/14/2002	122.63	8.19	8.19	114.44	0.00	0.00	114.44		
MW-9	5/14/2002	124.34	10.96	10.96	113.38	0.00	0.00	113.38		
MW-10	5/14/2002	124.20	10.65	10.65	113.55	0.00	0.00	113.55		
MW-11	5/14/2002	124.15	8.90	8.90	115.25	0.00	0.00	115.25		
MW-12	5/14/2002	123.07	7.40	7.40	115.67	0.00	0.00	115.67		
MW-13	5/14/2002	121.24	7.60	7.60	113.64	0.00	0.00	113.64		
MW-15	5/14/2002	122.55	8.96	8.96	113.59	0.00	0.00	113.59		
MW-1	6/11/2002	123.13	8.08	8.08	115.05	0.00	0.00	115.05	West to Southwest	0.008 to 0.012
MW-2	6/11/2002	122.18	7.23	7.23	114.95	0.00	0.00	114.95		
MW-3	6/11/2002	124.10	8.33	8.33	115.77	0.00	0.00	115.77		
MW-4	6/11/2002	124.53	9.44	9.44	115.09	0.00	0.00	115.09		
MW-5	6/11/2002	122.48	7.64	7.64	114.84	0.00	0.00	114.84		
MW-6	6/11/2002	122.41	9.13	9.13	113.28	0.00	0.00	113.28		
MW-7	6/11/2002	122.63	8.51	8.51	114.12	0.00	0.00	114.12		
MW-9	6/11/2002	124.34	11.35	11.35	112.99	0.00	0.00	112.99		
MW-10	6/11/2002	124.20	11.04	11.04	113.16	0.00	0.00	113.16		
MW-11	6/11/2002	124.15	9.51	9.51	114.64	0.00	0.00	114.64		
MW-12	6/11/2002	123.07	8.09	8.09	114.98	0.00	0.00	114.98		
MW-13	6/11/2002	121.24	8.01	8.01	113.23	0.00	0.00	113.23		
MW-15	6/11/2002	122.55	9.36	9.36	113.19	0.00	0.00	113.19		

Table 2. Groundwater Elevations Since September 2001

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Santa Rosa, California

Well Number	Date Measured	Top of Casing Elevation (feet, MSL)	Depth to Fluid/Air Interface (feet)	Depth to Product/Water Interface (feet)	Elevation of Groundwater Uncorrected (feet, MSL)	Floating Product Thickness (feet)	Correction for Free Product (Factor of 0.76)[A] (feet)	Hydraulic Potential[B] (feet, MSL)	Predominate Groundwater Flow Direction	Approximate Groundwater Gradient (foot/foot)
MW-1	7/16/2002	123.13	9.00	9.00	114.13	0.00	0.00	114.13	South to Northwest	0.007 to 0.015
MW-2	7/16/2002	122.18	8.04	8.04	114.14	0.00	0.00	114.14		
MW-3	7/16/2002	124.10	9.03	9.03	115.07	0.00	0.00	115.07		
MW-4	7/16/2002	124.53	10.06	10.06	114.47	0.00	0.00	114.47		
MW-5	7/16/2002	122.48	8.08	8.08	114.40	0.00	0.00	114.40		
MW-6	7/16/2002	122.41	10.04	10.04	112.37	0.00	0.00	112.37		
MW-7	7/16/2002	122.63	9.03	9.03	113.60	0.00	0.00	113.60		
MW-9	7/16/2002	124.34	12.03	12.03	112.31	0.00	0.00	112.31		
MW-10	7/16/2002	124.20	11.09	11.09	113.11	0.00	0.00	113.11		
MW-11	7/16/2002	124.15	10.06	10.06	114.09	0.00	0.00	114.09		
MW-12	7/16/2002	123.07	9.02	9.02	114.05	0.00	0.00	114.05		
MW-13	7/16/2002	121.24	9.00	9.00	112.24	0.00	0.00	112.24		
MW-15	7/16/2002	122.55	10.03	10.03	112.52	0.00	0.00	112.52		
MW-1	8/13/2002	123.13	9.95	9.95	113.18	0.00	0.00	113.18	South to Southwest	0.006 to 0.014
MW-2	8/13/2002	122.18	9.15	9.18	113.03	0.03	0.00	113.03		
MW-3	8/13/2002	124.10	10.04	10.04	114.06	0.00	0.00	114.06		
MW-4	8/13/2002	124.53	11.60	11.60	112.93	0.00	0.00	112.93		
MW-5	8/13/2002	122.48	9.71	9.71	112.77	0.00	0.00	112.77		
MW-6	8/13/2002	122.41	10.69	10.69	111.72	0.00	0.00	111.72		
MW-7	8/13/2002	122.63	10.11	10.11	112.52	0.00	0.00	112.52		
MW-9	8/13/2002	124.34	12.91	12.91	111.43	0.00	0.00	111.43		
MW-10	8/13/2002	124.20	12.74	12.74	111.46	0.00	0.00	111.46		
MW-11	8/13/2002	124.15	12.19	12.19	111.96	0.00	0.00	111.96		
MW-12	8/13/2002	123.07	10.12	10.12	112.95	0.00	0.00	112.95		
MW-13	8/13/2002	121.24	9.75	9.75	111.49	0.00	0.00	111.49		
MW-15	8/13/2002	122.55	10.94	10.94	111.61	0.00	0.00	111.61		

Table 2. Groundwater Elevations Since September 2001

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Santa Rosa, California

Well Number	Date Measured	Top of Casing Elevation (feet, MSL)	Depth to Fluid/Air Interface (feet)	Depth to Product/Water Interface (feet)	Elevation of Groundwater Uncorrected (feet, MSL)	Floating Product Thickness (feet)	Correction for Free Product (Factor of 0.76)[A] (feet)	Hydraulic Potential[B] (feet, MSL)	Predominate Groundwater Flow Direction	Approximate Groundwater Gradient (foot/foot)
MW-1	11/27/2002	123.13	10.94	10.94	112.19	0.00	0.00	112.19	Southwest	0.006 to 0.012
MW-2	11/27/2002	122.18	9.82	10.11	112.36	0.29	0.02	112.38		
MW-3	11/27/2002	124.10	11.32	11.32	112.78	0.00	0.00	112.78		
MW-4	11/27/2002	124.53	12.41	12.41	112.12	0.00	0.00	112.12		
MW-5	11/27/2002	122.48	10.42	10.42	112.06	0.00	0.00	112.06		
MW-6	11/27/2002	122.41	11.20	11.20	111.21	0.00	0.00	111.21		
MW-7	11/27/2002	122.63	10.92	10.92	111.71	0.00	0.00	111.71		
MW-9	11/27/2002	124.34	13.20	13.20	111.14	0.00	0.00	111.14		
MW-10	11/27/2002	124.20	13.46	13.46	110.74	0.00	0.00	110.74		
MW-11	11/27/2002	124.15	12.94	12.94	111.21	0.00	0.00	111.21		
MW-12	11/27/2002	123.07	10.91	10.91	112.16	0.00	0.00	112.16		
MW-13	11/27/2002	121.24	10.18	10.18	111.06	0.00	0.00	111.06		
MW-15	11/27/2002	122.55	11.49	11.49	111.06	0.00	0.00	111.06		
MW-1	2/19/2003	123.13	4.96	4.96	118.17	0.00	0.00	118.17	West to South	0.008 to 0.022
MW-2	2/19/2003	122.18	3.97	3.97	118.21	0.00	0.00	118.21		
MW-3	2/19/2003	124.10	5.10	5.10	119.00	0.00	0.00	119.00		
MW-4	2/19/2003	124.53	5.65	5.65	118.88	0.00	0.00	118.88		
MW-5	2/19/2003	122.48	4.32	4.32	118.16	0.00	0.00	118.16		
MW-6	2/19/2003	122.41	5.35	5.35	117.06	0.00	0.00	117.06		
MW-7	2/19/2003	122.63	5.44	5.44	117.19	0.00	0.00	117.19		
MW-9	2/19/2003	124.34	7.63	7.63	116.71	0.00	0.00	116.71		
MW-10	2/19/2003	124.20	6.24	6.24	117.96	0.00	0.00	117.96		
MW-11	2/19/2003	124.15	5.74	5.74	118.41	0.00	0.00	118.41		
MW-12	2/19/2003	123.07	3.98	3.98	119.09	0.00	0.00	119.09		
MW-13	2/19/2003	121.24	4.60	4.60	116.64	0.00	0.00	116.64		
MW-15	2/19/2003	122.55	nm	nm						

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Santa Rosa, California

Well Number	Date Measured	Top of Casing Elevation (feet, MSL)	Depth to Fluid/Air Interface (feet)	Depth to Product/Water Interface (feet)	Elevation of Groundwater Uncorrected (feet, MSL)	Floating Product Thickness (feet)	Correction for Free Product (Factor of 0.76)[A] (feet)	Hydraulic Potential[B] (feet, MSL)	Predominate Groundwater Flow Direction	Approximate Groundwater Gradient (foot/foot)
MW-1	5/6/2003	123.13	4.82	4.82	118.31	0.00	0.00	118.31	South to Southwest	0.008 to 0.020
MW-2	5/6/2003	122.18	3.85	3.85	118.33	0.00	0.00	118.33		
MW-3	5/6/2003	124.10	5.01	5.01	119.09	0.00	0.00	119.09		
MW-4	5/6/2003	124.53	5.51	5.51	119.02	0.00	0.00	119.02		
MW-5	5/6/2003	122.48	4.21	4.21	118.27	0.00	0.00	118.27		
MW-6	5/6/2003	122.41	5.07	5.07	117.34	0.00	0.00	117.34		
MW-7	5/6/2003	122.63	5.12	5.12	117.51	0.00	0.00	117.51		
MW-9	5/6/2003	124.34	7.39	7.39	116.95	0.00	0.00	116.95		
MW-10	5/6/2003	124.20	6.39	6.39	117.81	0.00	0.00	117.81		
MW-11	5/6/2003	124.15	5.54	5.54	118.61	0.00	0.00	118.61		
MW-12	5/6/2003	123.07	3.89	3.89	119.18	0.00	0.00	119.18		
MW-13	5/6/2003	121.24	4.41	4.41	116.83	0.00	0.00	116.83		
MW-15	5/6/2003	122.55	nm	nm						
MW-1	8/14/2003	123.13	8.81	8.81	114.32	0.00	0.00	114.32	South to Southwest	0.005 to 0.022
MW-2	8/14/2003	122.18	8.21	8.21	113.97	0.00	0.00	113.97		
MW-3	8/14/2003	124.10	9.12	9.12	114.98	0.00	0.00	114.98		
MW-4	8/14/2003	124.53	10.43	10.43	114.10	0.00	0.00	114.10		
MW-5	8/14/2003	122.48	8.68	8.68	113.80	0.00	0.00	113.80		
MW-6	8/14/2003	122.41	9.90	9.90	112.51	0.00	0.00	112.51		
MW-7	8/14/2003	122.63	9.14	9.14	113.49	0.00	0.00	113.49		
MW-9	8/14/2003	124.34	12.12	12.12	112.22	0.00	0.00	112.22		
MW-10	8/14/2003	124.20	11.90	11.90	112.30	0.00	0.00	112.30		
MW-11	8/14/2003	124.15	10.51	10.51	113.64	0.00	0.00	113.64		
MW-12	8/14/2003	123.07	9.00	9.00	114.07	0.00	0.00	114.07		
MW-13	8/14/2003	121.24	9.08	9.08	112.16	0.00	0.00	112.16		
MW-15	8/14/2003	122.55	nm	nm						

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Well Number	Date Measured	Top of Casing Elevation (feet, MSL)	Depth to Fluid/Air Interface (feet)	Depth to Product/Water Interface (feet)	Elevation of Groundwater Uncorrected (feet, MSL)	Floating Product Thickness (feet)	Correction for Free Product (Factor of 0.76)[A] (feet)	Hydraulic Potential[B] (feet, MSL)	Predominate Groundwater Flow Direction	Approximate Groundwater Gradient (foot/foot)
MW-1	11/6/2003	123.13	11.02	11.02	112.11	0.00	0.00	112.11	Southeast to Southwest	0.005 to 0.018
MW-2	11/6/2003	122.18	10.33	10.33	111.85	0.00	0.00	111.85		
MW-3	11/6/2003	124.10	11.53	11.53	112.57	0.00	0.00	112.57		
MW-4	11/6/2003	124.53	12.90	12.90	111.63	0.00	0.00	111.63		
MW-5	11/6/2003	122.48	10.96	10.96	111.52	0.00	0.00	111.52		
MW-6	11/6/2003	122.41	11.73	11.73	110.68	0.00	0.00	110.68		
MW-7	11/6/2003	122.63	11.19	11.19	111.44	0.00	0.00	111.44		
MW-9	11/6/2003	124.34	13.96	13.96	110.38	0.00	0.00	110.38		
MW-10	11/6/2003	124.20	14.00	14.00	110.20	0.00	0.00	110.20		
MW-11	11/6/2003	124.15	13.66	13.66	110.49	0.00	0.00	110.49		
MW-12	11/6/2003	123.07	11.50	11.50	111.57	0.00	0.00	111.57		
MW-13	11/6/2003	121.24	11.28	11.28	109.96	0.00	0.00	109.96		
MW-15	11/6/2003	122.55	nm	nm						
MW-1	2/19/2004	123.13	3.83	3.83	119.30	0.00	0.00	119.30	Northwest to South	0.013 to 0.025
MW-2	2/19/2004	122.18	3.24	3.24	118.94	0.00	0.00	118.94		
MW-3	2/19/2004	124.10	4.24	4.24	119.86	0.00	0.00	119.86		
MW-4	2/19/2004	124.53	4.43	4.43	120.10	0.00	0.00	120.10		
MW-5	2/19/2004	122.48	3.64	3.64	118.84	0.00	0.00	118.84		
MW-6	2/19/2004	122.41	3.74	3.74	118.67	0.00	0.00	118.67		
MW-7	2/19/2004	122.63	3.84	3.84	118.79	0.00	0.00	118.79		
MW-9	2/19/2004	124.34	5.34	5.34	119.00	0.00	0.00	119.00		
MW-10	2/19/2004	124.20	4.41	4.41	119.79	0.00	0.00	119.79		
MW-11	2/19/2004	124.15	4.61	4.61	119.54	0.00	0.00	119.54		
MW-12	2/19/2004	123.07	2.64	2.64	120.43	0.00	0.00	120.43		
MW-13	2/19/2004	121.24	3.38	3.38	117.86	0.00	0.00	117.86		
MW-15	2/19/2004	122.55	nm	nm						

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Santa Rosa, California

Well Number	Date Measured	Top of Casing Elevation (feet, MSL)	Depth to Fluid/Air Interface (feet)	Depth to Product/Water Interface (feet)	Elevation of Groundwater Uncorrected (feet, MSL)	Floating Product Thickness (feet)	Correction for Free Product (Factor of 0.76)[A] (feet)	Hydraulic Potential[B] (feet, MSL)	Predominate Groundwater Flow Direction	Approximate Groundwater Gradient (foot/foot)
MW-1	5/20/2004	123.13	8.03	8.03	115.10	0.00	0.00	115.10	Northwest to South	0.013 to 0.025
MW-2	5/20/2004	122.18	6.82	6.82	115.36	0.00	0.00	115.36		
MW-3	5/20/2004	124.10	7.91	7.91	116.19	0.00	0.00	116.19		
MW-4	5/20/2004	124.53	8.89	8.89	115.64	0.00	0.00	115.64		
MW-5	5/20/2004	122.48	6.91	6.91	115.57	0.00	0.00	115.57		
MW-6	5/20/2004	122.41	8.56	8.56	113.85	0.00	0.00	113.85		
MW-7	5/20/2004	122.63	8.14	8.14	114.49	0.00	0.00	114.49		
MW-9	5/20/2004	124.34	10.74	10.74	113.60	0.00	0.00	113.60		
MW-10	5/20/2004	124.20	10.37	10.37	113.83	0.00	0.00	113.83		
MW-11	5/20/2004	124.15	8.97	8.97	115.18	0.00	0.00	115.18		
MW-12	5/20/2004	123.07	7.48	7.48	115.59	0.00	0.00	115.59		
MW-13	5/20/2004	121.24	7.54	7.54	113.70	0.00	0.00	113.70		
MW-15	5/20/2004	122.55	nm	nm						
MW-1	8/30/2004	123.13	10.31	10.31	112.82	0.00	0.00	112.82	Southeast	0.012
MW-2	8/30/2004	122.18	9.70	9.70	112.48	0.00	0.00	112.48		
MW-3	8/30/2004	124.10	10.78	10.78	113.32	0.00	0.00	113.32		
MW-4	8/30/2004	124.53	12.18	12.18	112.35	0.00	0.00	112.35		
MW-5	8/30/2004	122.48	10.26	10.26	112.22	0.00	0.00	112.22		
MW-6	8/31/2004	122.41	10.67	10.67	111.74	0.00	0.00	111.74		
MW-7	8/31/2004	122.63	10.22	10.22	112.41	0.00	0.00	112.41		
MW-9	8/31/2004	124.34	12.79	12.79	111.55	0.00	0.00	111.55		
MW-10	8/31/2004	124.20	13.06	13.06	111.14	0.00	0.00	111.14		
MW-11	8/30/2004	124.15	12.82	12.82	111.33	0.00	0.00	111.33		
MW-12	8/30/2004	123.07	10.82	10.82	112.25	0.00	0.00	112.25		
MW-13	8/30/2004	121.24	10.34	10.34	110.90	0.00	0.00	110.90		
MW-15	8/30/2004	122.55	nm	nm						
MW-16A	8/30/2004	ns	9.55	9.55						
MW-16B	8/30/2004	ns	9.90	9.90						
MW-16C	8/30/2004	ns	12.55	12.55						

Table 2. Groundwater Elevations Since September 2001

1980 Sebastopol Road
Santa Rosa, California

Well Number	Date Measured	Top of Casing Elevation (feet, MSL)	Depth to Fluid/Air Interface (feet)	Depth to Product/Water Interface (feet)	Elevation of Groundwater Uncorrected (feet, MSL)	Floating Product Thickness (feet)	Correction for Free Product (Factor of 0.76)[A] (feet)	Hydraulic Potential[B] (feet, MSL)	Predominate Groundwater Flow Direction	Approximate Groundwater Gradient (foot/foot)
MW-1 [D]	11/3/2004	123.13	11.01	11.01	112.12	0.00	0.00	112.12	Southwest to South	0.006 to 0.017
MW-2 [D]	11/3/2004	122.18	10.12	10.12	112.06	0.00	0.00	112.06		
MW-3	11/3/2004	124.10	11.39	11.39	112.71	0.00	0.00	112.71		
MW-4	11/3/2004	124.53	nm	nm						
MW-5	11/3/2004	122.48	10.54	10.54	111.94	0.00	0.00	111.94		
MW-6	11/3/2004	122.41	11.32	11.32	111.09	0.00	0.00	111.09		
MW-7	11/3/2004	122.63	10.95	10.95	111.68	0.00	0.00	111.68		
MW-9	11/3/2004	124.34	13.50	13.50	110.84	0.00	0.00	110.84		
MW-10	11/3/2004	124.20	13.28	13.28	110.92	0.00	0.00	110.92		
MW-11	11/3/2004	124.15	13.03	13.03	111.12	0.00	0.00	111.12		
MW-12	11/3/2004	123.07	10.60	10.60	112.47	0.00	0.00	112.47		
MW-13	11/3/2004	121.24	10.35	10.35	110.89	0.00	0.00	110.89		
MW-15	11/3/2004	122.55	nm	nm						
MW-16A	11/3/2004	ns	10.14	10.14		0.00				
MW-16B	11/3/2004	ns	10.51	10.51		0.00				
MW-16C	11/3/2004	ns	12.38	12.38		0.00				
MW-1 [D]	1/31/2005	123.13	5.59	5.59	117.54	0.00	0.00	117.54	Northwest to Southeast	0.003 to 0.025
MW-2 [D]	1/31/2005	122.18	4.50	4.50	117.68	0.00	0.00	117.68		
MW-3	1/31/2005	124.10	5.53	5.53	118.57	0.00	0.00	118.57		
MW-4	1/31/2005	124.53	6.16	6.16	118.37	0.00	0.00	118.37		
MW-5	1/31/2005	122.48	4.90	4.90	117.58	0.00	0.00	117.58		
MW-6	1/31/2005	122.41	6.00	6.00	116.41	0.00	0.00	116.41		
MW-7	1/31/2005	122.63	6.08	6.08	116.55	0.00	0.00	116.55		
MW-9	1/31/2005	124.34	8.30	8.30	116.04	0.00	0.00	116.04		
MW-10	1/31/2005	124.20	6.86	6.86	117.34	0.00	0.00	117.34		
MW-11	1/31/2005	124.15	6.26	6.26	117.89	0.00	0.00	117.89		
MW-12	1/31/2005	123.07	4.16	4.16	118.91	0.00	0.00	118.91		
MW-13	1/31/2005	121.24	5.05	5.05	116.19	0.00	0.00	116.19		
MW-15	1/31/2005	122.55	nm	nm						
MW-16A	1/31/2005	ns	4.86	4.86		0.00				
MW-16B	1/31/2005	ns	5.00	5.00		0.00				
MW-16C	1/31/2005	ns	6.93	6.93		0.00				

Table 2. Groundwater Elevations Since September 2001

1980 Sebastopol Road
Santa Rosa, California

Well Number	Date Measured	Top of Casing Elevation (feet, MSL)	Depth to Fluid/Air Interface (feet)	Depth to Product/Water Interface (feet)	Elevation of Groundwater Uncorrected (feet, MSL)	Floating Product Thickness (feet)	Correction for Free Product (Factor of 0.76)[A] (feet)	Hydraulic Potential[B] (feet, MSL)	Predominate Groundwater Flow Direction	Approximate Groundwater Gradient (foot/foot)
MW-1 [D]	4/4/2005	123.13	5.12	5.12	118.01	0.00	0.00	118.01	Northwest to South	0.007 to 0.025
MW-2 [D]	4/4/2005	122.18	3.95	3.95	118.23	0.00	0.00	118.23		
MW-3	4/4/2005	124.10	5.13	5.13	118.97	0.00	0.00	118.97		
MW-4	4/4/2005	124.53	5.45	5.45	119.08	0.00	0.00	119.08		
MW-5	4/4/2005	122.48	4.31	4.31	118.17	0.00	0.00	118.17		
MW-6	4/4/2005	122.41	5.10	5.10	117.31	0.00	0.00	117.31		
MW-7	4/4/2005	122.63	5.34	5.34	117.29	0.00	0.00	117.29		
MW-9	4/4/2005	124.34	7.38	7.38	116.96	0.00	0.00	116.96		
MW-10	4/4/2005	124.20	5.68	5.68	118.52	0.00	0.00	118.52		
MW-11	4/4/2005	124.15	5.49	5.49	118.66	0.00	0.00	118.66		
MW-12	4/4/2005	123.07	3.36	3.36	119.71	0.00	0.00	119.71		
MW-13	4/4/2005	121.24	4.41	4.41	116.83	0.00	0.00	116.83		
MW-15	4/4/2005	122.55	nm	nm						
MW-16A	4/4/2005	ns	4.42	4.42		0.00				
MW-16B	4/4/2005	ns	4.41	4.41		0.00				
MW-16C	4/4/2005	ns	6.05	6.05		0.00				

Table 2. Groundwater Elevations Since September 2001

1980 Sebastopol Road

Santa Rosa, California

Well Number	Date Measured	Top of Casing Elevation (feet, MSL)	Depth to Fluid/Air Interface (feet)	Depth to Product/Water Interface (feet)	Elevation of Groundwater Uncorrected (feet, MSL)	Floating Product Thickness (feet)	Correction for Free Product (Factor of 0.76)[A] (feet)	Hydraulic Potential[B] (feet, MSL)	Predominate Groundwater Flow Direction	Approximate Groundwater Gradient (foot/foot)
MW-1	6/7/2005	123.13	6.04	6.04	117.09	0.00	0.00	117.09	Not Calculated	Not Calculated
MW-2	6/7/2005	122.18	nm	nm						
MW-3	6/7/2005	124.10	nm	nm						
MW-4	6/7/2005	124.53	7.03	7.03	117.50	0.00	0.00	117.50		
MW-5	6/7/2005	122.48	5.42	5.42	117.06	0.00	0.00	117.06		
MW-6	6/7/2005	122.41	6.33	6.33	116.08	0.00	0.00	116.08		
MW-7	6/7/2005	122.63	6.40	6.40	116.23	0.00	0.00	116.23		
MW-9	6/7/2005	124.34	8.90	8.90	115.44	0.00	0.00	115.44		
MW-10	6/7/2005	124.20	8.48	8.48	115.72	0.00	0.00	115.72		
MW-11	6/7/2005	124.15	7.05	7.05	117.10	0.00	0.00	117.10		
MW-12	6/7/2005	123.07	5.31	5.31	117.76	0.00	0.00	117.76		
MW-13	6/7/2005	121.24	5.94	5.94	115.30	0.00	0.00	115.30		
MW-15	6/7/2005	122.55	nm	nm						
MW-16A	6/7/2005	ns	5.38	5.38		0.00				
MW-16B	6/7/2005	ns	5.45	5.45		0.00				
MW-16C	6/7/2005	ns	7.92	7.92		0.00				
SVE-4	6/7/2005	ns	6.30	6.30		0.00				
SVE-5	6/7/2005	ns	6.59	6.59		0.00				
SVE-6	6/7/2005	ns	6.48	6.48		0.00				
SVE-7	6/7/2005	ns	5.50	5.50		0.00				
SVE-8	6/7/2005	ns	5.56	5.56		0.00				
SVE-9	6/7/2005	ns	6.58	6.58		0.00				
SVE-10	6/7/2005	ns	5.86	5.86		0.00				
SVE-11	6/7/2005	ns	6.28	6.28		0.00				
SVE-12	6/7/2005	ns	6.06	6.06		0.00				
SVE-13	6/7/2005	ns	5.94	5.94		0.00				
GWE-1	6/7/2005	ns	5.90	5.90		0.00				

Table 2. Groundwater Elevations Since September 2001

1980 Sebastopol Road
Santa Rosa, California

Well Number	Date Measured	Top of Casing Elevation (feet, MSL)	Depth to Fluid/Air Interface (feet)	Depth to Product/Water Interface (feet)	Elevation of Groundwater Uncorrected (feet, MSL)	Floating Product Thickness (feet)	Correction for Free Product (Factor of 0.76)[A] (feet)	Hydraulic Potential[B] (feet, MSL)	Predominate Groundwater Flow Direction	Approximate Groundwater Gradient (foot/foot)
MW-1	7/28/2005	123.13	8.16	8.16	114.97	0.00	0.00	114.97	West to Southwest	0.01 to 0.023
MW-2	7/28/2005	122.18	6.96	6.96	115.22	0.00	0.00	115.22		
MW-3	7/28/2005	124.10	nm	nm						
MW-4	7/28/2005	124.53	9.15	9.15	115.38	0.00	0.00	115.38		
MW-5	7/28/2005	122.48	7.23	7.23	115.25	0.00	0.00	115.25		
MW-6	7/28/2005	122.41	9.01	9.01	113.40	0.00	0.00	113.40		
MW-7	7/28/2005	122.63	8.51	8.51	114.12	0.00	0.00	114.12		
MW-9	7/28/2005	124.34	11.18	11.19	113.16	0.01	0.00	113.16		
MW-10	7/28/2005	124.20	10.76	10.76	113.44	0.00	0.00	113.44		
MW-11	7/28/2005	124.15	9.24	9.24	114.91	0.00	0.00	114.91		
MW-12	7/28/2005	123.07	7.39	7.39	115.68	0.00	0.00	115.68		
MW-13	7/28/2005	121.24	7.91	7.91	113.33	0.00	0.00	113.33		
MW-15	7/28/2005	122.55	nm	nm						
MW-16A	7/28/2005	ns	7.43	7.43		0.00				
MW-16B	7/28/2005	ns	7.62	7.62		0.00				
MW-16C	7/28/2005	ns	10.20	10.20		0.00				
SVE-4	7/28/2005	ns	8.48	8.48		0.00				
SVE-5	7/28/2005	ns	8.77	8.77		0.00				
SVE-6	7/28/2005	ns	8.63	8.63		0.00				
SVE-7	7/28/2005	ns	7.48	7.48		0.00				
SVE-8	7/28/2005	ns	7.66	7.66		0.00				
SVE-9	7/28/2005	ns	8.63	8.63		0.00				
SVE-10	7/28/2005	ns	8.69	8.69		0.00				
SVE-11	7/28/2005	ns	8.31	8.31		0.00				
SVE-12	7/28/2005	ns	8.74	8.74		0.00				
SVE-13	7/28/2005	ns	8.03	8.03		0.00				
GWE-1	7/28/2005	ns	7.93	7.93		0.00				

Table 2. Groundwater Elevations Since September 2001

1980 Sebastopol Road

Santa Rosa, California

Well Number	Date Measured	Top of Casing Elevation (feet, MSL)	Depth to Fluid/Air Interface (feet)	Depth to Product/Water Interface (feet)	Elevation of Groundwater Uncorrected (feet, MSL)	Floating Product Thickness (feet)	Correction for Free Product (Factor of 0.76)[A] (feet)	Hydraulic Potential[B] (feet, MSL)	Predominate Groundwater Flow Direction	Approximate Groundwater Gradient (foot/foot)
MW-1	10/7/2005	123.13	9.90	9.90	113.23	0.00	0.00	113.23	West to Southwest	0.01 to 0.018
MW-2	10/7/2005	122.18	8.97	8.97	113.21	0.00	0.00	113.21		
MW-3	10/7/2005	124.10	nm	nm						
MW-4	10/7/2005	124.53	11.22	11.22	113.31	0.00	0.00	113.31		
MW-5	10/7/2005	122.48	9.37	9.37	113.11	0.00	0.00	113.11		
MW-6	10/7/2005	122.41	10.63	10.63	111.78	0.00	0.00	111.78		
MW-7	10/7/2005	122.63	10.11	10.11	112.52	0.00	0.00	112.52		
MW-9	10/7/2005	124.34	12.79	12.79	111.55	0.00	0.00	111.55		
MW-10	10/7/2005	124.20	12.48	12.48	111.72	0.00	0.00	111.72		
MW-11	10/7/2005	124.15	11.42	11.42	112.73	0.00	0.00	112.73		
MW-12	10/7/2005	123.07	9.39	9.39	113.68	0.00	0.00	113.68		
MW-13	10/7/2005	121.24	9.52	9.52	111.72	0.00	0.00	111.72		
MW-15	10/7/2005	122.55	nm	nm						
MW-16A	10/7/2005	ns	9.08	9.08		0.00				
MW-16B	10/7/2005	ns	9.45	9.45		0.00				
MW-16C	10/7/2005	ns	11.69	11.69		0.00				

Wells were re-surveyed by Adobe Associates, Inc. on September 11, 2001.

Groundwater flow direction and gradient were calculated using data from wells MW-3, MW-7, and MW-12 through November 2001 and data from wells MW-2, MW-3, and MW-12 for December 2001. Remaining calculated using all available data.

MSL = Mean Sea Level.

nm = not measured.

ns=not surveyed.

[A] Factor is equal to the density of gasoline (0.76 grams per cubic centimeter) divided by the density of groundwater (0.998 grams per cubic centimeter), as measured at the site.

[B] Hydraulic potential is equal to the floating product thickness times the correction factor (0.76), plus the elevation of groundwater uncorrected.

[C] Field notes indicate floating product present, however no product thickness was measured.

[D] Field notes indicate sheen present.

Table 3. Petroleum Hydrocarbon Analytical Results of Groundwater Sampling Since 1992

1980 Sebastopol Road

Santa Rosa, California

Well Number	Date Sampled	TPH as gasoline (mg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Xylenes (µg/l)	MTBE[B] (EPA 8260) (µg/l)
MW-1	6/1/1993	62	9,400	3,700	1,700	11,000	NR
MW-1	9/1/1993	3 inches of floating product in well					
MW-1	12/1/1993	2 inches of floating product in well					
MW-1	3/1/1994	72	15,000	4,800	1,600	8,300	NR
MW-1	6/1/1994	1.5 inches of floating product in well					
MW-1	9/1/1994	4 inches of floating product in well					
MW-1	12/1/1994	64	14,000	4,000	1,600	7,400	NR
MW-1	3/1/1995	31	240	490	960	6,300	NR
MW-1	6/1/1995	0.75 inches of floating product in well					
MW-1	9/1/1995	120	6,900	4,500	2,200	10,000	NR
MW-1	4/1/1996	19	2,600	1,300	360	2,200	NR
MW-1	10/1/1997	65	12,000	3,500	2,800	11,000	NR
MW-1[C]	8/1/1998	50	5,700	4,400	1,400	5,100	<300[L]
MW-1	6/29/2000	28	3,400	3,000	1,300	3,900	<50.0
MW-1[F]	10/30/2000	28.2	6,400	1,900	1,700	3,400	<20
MW-1	1/18/2001	11	1,700	270	15	940	<50.0
MW-1	4/27/2001	33	3,400	2,800	1,900	7,000	<500
MW-1	9/11/2001	8.8	1,530	243	339	1,050	<50.0
MW-1	11/13/2001	21	3,640	781	1,140	2,660	<100
MW-1	2/14/2002	14	3,500	910	1,250	3,670	<50.0
MW-1	5/14/2002	28	2,370	1,300	1,280	4,330	<100
MW-1	8/13/2002	13	1,220	317	341	1,140	<40
MW-1	11/27/2002	21	3,733	816	1,000	3,140	<40
MW-1	2/20/2003	2.7	275	31.3	55.0	206	<40
MW-1	5/6/2003	4.4	101	21.2	30.6	163	<20
MW-1	8/15/2003	16	756	378	575	1,840	<20
MW-1	11/6/2003	9.4	730	140	<50	900	<50
MW-1	2/19/2004	4.2	107	31.6	57.7	262	<20
MW-1	5/21/2004	8.5	810	282	539	1,780	<20
MW-1	8/30/2004	15	406	98.6	156	483	<20
MW-1	11/4/2004	15	1,690	401	668	1,540	<20
MW-1	1/31/2005	8.7	254	26.7	110	516	<50
MW-1	4/5/2005	1.9	118	13.4	48.0	145	<20
MW-1	7/29/2005	12	907	351	299	1,060	<20
MW-1	10/7/2005	42	731	439	1,020	3,770	<20

Table 3. Petroleum Hydrocarbon Analytical Results of Groundwater Sampling Since 1992

1980 Sebastopol Road

Santa Rosa, California

Well Number	Date Sampled	TPH as gasoline (mg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Xylenes (µg/l)	MTBE[B] (EPA 8260) (µg/l)
MW-2	3/1/1992	2.2	ND	28	43	310	NR
MW-2	3/1/1993	ND	ND	ND	ND	ND	NR
MW-2	6/1/1993	21	1,000	1,400	920	2,700	NR
MW-2	9/1/1993	49	960	1,900	1,900	8,500	NR
MW-2	12/1/1993	31	770	1,200	1,200	6,800	NR
MW-2	3/1/1994	ND	ND	ND	ND	1.6	NR
MW-2	6/1/1994	24	330	710	1,200	5,300	NR
MW-2	9/1/1994	3.5 inches of floating product in well					
MW-2	12/1/1994	28	550	1,100	1,100	5,100	NR
MW-2	3/1/1995	0.43	ND	ND	ND	5.1	NR
MW-2	6/1/1995	0.16	0.65	0.66	1.5	5.3	NR
MW-2	9/1/1995	25	480	740	910	4,000	NR
MW-2	4/1/1996	0.96	ND	ND	1.5	12	NR
MW-2	10/1/1997	34	540	900	1,500	7,300	NR
MW-2[D]	8/1/1998	15	100	160	600	2,500	<50.0[L]
MW-2	6/29/2000	20	120	130	780	2,400	<50.0
MW-2[G]	10/30/2000	152	280	360	2,500	6,400	<2.0
MW-2	1/18/2001	26	610	370	510	2,900	<25.0
MW-2	4/27/2001	29	280	280	770	2,100	<500
MW-2	9/11/2001	0.34 feet of floating product in well					
MW-2	11/13/2001	0.08 feet of floating product in well					
MW-2	2/14/2002	<0.05	<0.5	<0.5	<0.5	<0.5	<1.0
MW-2	5/14/2002	0.01 feet of floating product in well					
MW-2	8/13/2002	0.03 feet of floating product in well					
MW-2	11/27/2002	0.29 feet of floating product in well					
MW-2	2/20/2003	24	63.1	39.6	539	2,390	<40
MW-2	5/6/2003	14	147	25.1	255	986	<20
MW-2	8/14/2003	27	218	132	1,130	3,190	<20
MW-2	11/6/2003	39	400	180	1,700	3,700	<250
MW-2	2/19/2004	16	96.2	20.7	257	646	<20
MW-2	5/21/2004	11	127	51.4	553	1,160	<20
MW-2	8/31/2004	25	448	153	1,590	2,750	<20
MW-2	11/4/2004	25	174	111	1,410	2,210	<20
MW-2	1/31/2005	17	428	21.4	563	698	<50
MW-2	4/5/2005	16	435	32.5	301	452	<20
MW-2	7/29/2005	29	112	45.7	638	943	<20
MW-2	10/7/2005	31	270	74.2	821	1,250	<20

Table 3. Petroleum Hydrocarbon Analytical Results of Groundwater Sampling Since 1992

1980 Sebastopol Road

Santa Rosa, California

Well Number	Date Sampled	TPH as gasoline (mg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Xylenes (µg/l)	MTBE[B] (EPA 8260) (µg/l)
MW-3	6/1/1993	**0.55**	ND	ND	ND	**1.4**	NR
MW-3	9/1/1993	**3.2**	**61**	**56**	**93**	**290**	NR
MW-3	12/1/1993	**0.12**	ND	ND	**1.2**	**2.7**	NR
MW-3	3/1/1994	**0.55**	ND	ND	ND	**0.5**	NR
MW-3	6/1/1994	**0.64**	ND	ND	ND	ND	NR
MW-3	9/1/1994	**2.9**	**110**	**68**	**120**	**360**	NR
MW-3	12/1/1994	ND	ND	ND	ND	ND	NR
MW-3	3/1/1995	ND	ND	ND	ND	ND	NR
MW-3	6/1/1995	ND	ND	ND	ND	ND	NR
MW-3	9/1/1995	**1.1**	**1.5**	**2.4**	**20**	**25**	NR
MW-3	4/1/1996	ND	ND	ND	ND	ND	NR
MW-3	10/1/1997	**0.26**	**4.3**	**1.3**	**14**	**6.1**	NR
MW-3[C]	8/1/1998	<0.05	<1.0	<1.0	<1.0	<1.0	<1.0[L]
MW-3	6/29/2000	<0.05	<0.5	<0.5	<0.5	<0.5	<0.50
MW-3[H]	10/30/2000	**4.72**	**70**	**69**	**390**	**810**	<2.0
MW-3	1/18/2001	<0.050	<0.5	<0.5	<0.5	<0.5	<1.0
MW-3	4/27/2001	<0.050	<0.5	<0.5	<0.5	<0.5	<5.0
MW-3	9/11/2001	**2.3**	**35.0**	**21.5**	**156**	**350**	<25.0
MW-3	11/13/2001	**26**	**40.0**	**61.0**	**430**	**962**	<5.0
MW-3	2/14/2002	**12**	**89**	**67.5**	**558**	**2,740**	<50
MW-3	5/14/2002	<0.050	<0.50	<0.50	<0.50	**1.23**	<1.0
MW-3	8/13/2002	**0.88**	**1.22**	**3.85**	**26.7**	**55.8**	<1.0
MW-3	11/27/2002	**5.0**	**34.7**	**42.1**	**326**	**746**	<2.0
MW-3	2/20/2003	**0.090**	<0.50	<0.50	**1.14**	**4.40**	<1.0
MW-3	5/6/2003	<0.050	<0.50	<0.50	<0.50	**1.29**	<1.0
MW-3	8/15/2003	<0.050	<0.50	<0.50	<0.50	**1.27**	<1.0
MW-3	11/6/2003	**0.930**	**8.2**	**2.7**	<0.50	**6.7**	<0.50
MW-3	2/19/2004	**0.10**	<0.50	<0.50	**1.26**	**3.86**	<0.50
MW-3	5/21/2004	**0.063**	<0.50	<0.50	**3.61**	**5.90**	<1.0
MW-3	8/31/2004	**0.57**	**8.28**	**4.50**	**19.6**	**41.8**	<1.0
MW-3	11/4/2004	**1.9**	**9.45**	**6.73**	**32.4**	**110**	<1.0
MW-3	2/1/2005	**0.15**	<1.0	<1.0	**5.88**	**8.09**	<2.0
MW-3	4/5/2005	<0.05	<0.50	<0.50	<0.50	<0.50	<1.0
MW-3	7/29/2005	ns	ns	ns	ns	ns	ns
MW-3	10/7/2005	ns	ns	ns	ns	ns	ns

Table 3. Petroleum Hydrocarbon Analytical Results of Groundwater Sampling Since 1992

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Santa Rosa, California

Well Number	Date Sampled	TPH as gasoline (mg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Xylenes (µg/l)	MTBE[B] (EPA 8260) (µg/l)
MW-4	3/1/1992	ND	ND	ND	ND	ND	NR
MW-4	3/1/1993	ND	ND	ND	ND	ND	NR
MW-4	6/1/1993	ND	ND	ND	ND	ND	NR
MW-4	9/1/1993	ND	ND	ND	ND	ND	NR
MW-4	12/1/1993	ND	1	ND	ND	ND	NR
MW-4	3/1/1994	ND	ND	ND	ND	ND	NR
MW-4	6/1/1994	ND	ND	ND	ND	ND	NR
MW-4	9/1/1994	ND	ND	ND	ND	ND	NR
MW-4	12/1/1994	ND	ND	ND	ND	ND	NR
MW-4	3/1/1995	ND	ND	ND	ND	ND	NR
MW-4	6/1/1995	ND	ND	ND	ND	ND	NR
MW-4	9/1/1995	ND	ND	ND	ND	ND	NR
MW-4	4/1/1996	ND	ND	ND	ND	ND	NR
MW-4	10/1/1997	ND	ND	ND	ND	ND	NR
MW-4[C]	8/1/1998	<0.05	<1.0	<1.0	<1.0	<1.0	<1.0[L]
MW-4	6/29/2000	<0.05	<0.5	<0.5	<0.5	<0.5	<0.50
MW-4	10/30/2000	<0.05	<0.5	<0.5	**0.676**	**1.58**	<2.0
MW-4	1/18/2001	<0.050	<0.5	<0.5	<0.5	<0.5	<0.5
MW-4	4/27/2001	<0.050	<0.5	<0.5	<0.5	<0.5	<5.0
MW-4	9/11/2001	<0.050	<0.50	<0.50	<0.50	<0.50	<5.0
MW-4	11/13/2001	<0.050	<0.50	<0.50	<0.50	<0.50	<5.0
MW-4	2/14/2002	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-4	5/14/2002	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-4	8/13/2002	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-4	11/27/2002	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-4	2/20/2003	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-4	5/7/2003	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-4	8/15/2003	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-4	11/6/2003	<0.050	<0.30	<0.30	<0.50	<0.50	<0.50
MW-4	2/19/2004	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-4	5/21/2004	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-4	8/30/2004	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-4	11/4/2004	not sampled due to obstructed well access					
MW-4	2/1/2005	<0.05	<0.50	<0.50	<0.50	<0.50	<1.0
MW-4	4/4/2005	<0.05	<0.50	<0.50	<0.50	<0.50	<1.0
MW-4	7/28/2005	<0.25	<2.5	<2.5	**6.22**	**13.7**	<5.0
MW-4	10/7/2005	<0.05	<0.50	<0.50	<0.50	**0.76**	<1.0

Table 3. Petroleum Hydrocarbon Analytical Results of Groundwater Sampling Since 1992

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Santa Rosa, California

Well Number	Date Sampled	TPH as gasoline (mg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Xylenes (µg/l)	MTBE[B] (EPA 8260) (µg/l)
MW-5	9/1/1993	**8.9**	**370**	**280**	**410**	**710**	NR
MW-5	12/1/1993	**1.4**	**45**	**50**	**18**	**170**	NR
MW-5	3/1/1994	**0.20**	**2.8**	**9.2**	**7.8**	**41**	NR
MW-5	6/1/1994	**5.2**	**170**	**320**	**250**	**960**	NR
MW-5	9/1/1994	**5.4**	**230**	**79**	**140**	**190**	NR
MW-5	12/1/1994	**5.0**	**82**	**280**	**180**	**850**	NR
MW-5	3/1/1995	**1.1**	**32**	**14**	**48**	**64**	NR
MW-5	6/1/1995	**0.75**	**1.9**	**7.0**	**11**	**51**	NR
MW-5	9/1/1995	**5.1**	**170**	**170**	**220**	**760**	NR
MW-5	4/1/1996	**0.06**	ND	ND	ND	**2.2**	NR
MW-5	10/1/1997	**11**	**110**	**330**	**490**	**2,200**	NR
MW-5[E]	8/1/1998	**7.6**	**37**	**52**	**270**	**790**	<15[L]
MW-5	6/29/2000	<0.05	<0.5	<0.5	<0.5	<0.5	<0.50
MW-5[I]	10/30/2000	**1.49**	**42**	**5.7**	**54**	**70**	<2.0
MW-5	1/18/2001	<0.050	<0.5	<0.5	<0.5	<0.5	<1.0
MW-5	4/27/2001	<0.050	<0.5	<0.5	<0.5	<0.5	<5.0
MW-5	9/11/2001	**2.0**	**77**	**24**	**3.5**	**5.2**	<5.0
MW-5	11/13/2001	**1.6**	**4.90**	**1.04**	<1.0	**52.8**	<2.0
MW-5	2/14/2002	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-5	5/14/2002	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-5	8/13/2002	**1.4**	**8.74**	<0.50	**2.42**	**4.25**	<1.0
MW-5	11/27/2002	**1.7**	**29.8**	**3.95**	**30.1**	**40.2**	<5.0
MW-5	2/19/2003	**2.3**	**3.49**	<2.5	**5.73**	**5.18**	<5.0
MW-5	5/6/2003	**1.8**	**2.56**	<0.5	**3.27**	**2.06**	**9.43**
MW-5	8/14/2003	**0.26**	<0.5	**0.520**	**0.540**	**0.670**	<1.0
MW-5	11/6/2003	**0.55**	**13**	**1.4**	**6.2**	**9.7**	<0.50
MW-5	2/19/2004	**2.6**	**2.93**	<0.50	**7.38**	**2.54**	<1.0
MW-5	5/21/2004	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-5	8/30/2004	**1.3**	**16.2**	**0.63**	**1.39**	<0.50	<1.0
MW-5	11/3/2004	**0.98**	**12.0**	**4.04**	**59.5**	**48.9**	<1.0
MW-5	1/31/2005	**4.5**	**3.62**	<0.50	**12.2**	**4.2**	<1.0
MW-5	4/5/2005	**1.7**	**1.29**	<0.50	**3.08**	**2.00**	<1.0
MW-5	7/28/2005	**0.32**	<0.50	<0.50	<0.50	<0.50	<1.0
MW-5	10/7/2005	**2.5**	**1.49**	<0.50	**1.63**	**0.99**	<1.0

Table 3. Petroleum Hydrocarbon Analytical Results of Groundwater Sampling Since 1992

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Santa Rosa, California

Well Number	Date Sampled	TPH as gasoline (mg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Xylenes (µg/l)	MTBE[B] (EPA 8260) (µg/l)
MW-6	3/1/1992	**0.58**	**31**	**1.9**	**8.6**	**31**	NR
MW-6	3/1/1993	**0.17**	**20**	**1.6**	**3.0**	**6.1**	NR
MW-6	6/1/1993	**2.3**	**200**	**22**	**47**	**100**	NR
MW-6	9/1/1993	**1.4**	**36**	**3.9**	**15**	**31**	NR
MW-6	12/1/1993	**0.64**	**4.0**	**0.62**	**0.87**	**1.2**	NR
MW-6	3/1/1994	**1.0**	**70**	**6.1**	**23**	**35**	NR
MW-6	6/1/1994	**2.9**	**140**	**11**	**32**	**86**	NR
MW-6	9/1/1994	**0.95**	**4.2**	**1.7**	**3.7**	**8.3**	NR
MW-6	12/1/1994	**1.8**	**130**	**11**	**20**	**36**	NR
MW-6	3/1/1995	**0.097**	ND	ND	ND	**5.1**	NR
MW-6	6/1/1995	**0.57**	**34**	**2.3**	**1.7**	**4.9**	NR
MW-6	9/1/1995	**1.3**	**17**	**3.5**	**8.2**	**16**	NR
MW-6	4/1/1996	**0.1**	**0.66**	ND	ND	ND	NR
MW-6	10/1/1997	**0.35**	**1.9**	**0.93**	**6.3**	**5.6**	NR
MW-6[C]	8/1/1998	<0.05	<1.0	<1.0	<1.0	<1.0	<1.0[L]
MW-6	6/30/2000	**0.17**	**22**	**5.6**	**0.54**	**2.9**	<2.5
MW-6A[A]	6/30/2000	**0.17**	**14**	**2.2**	<0.5	<0.5	<2.0
MW-6	9/11/2001	**0.45**	**1.40**	<0.50	<0.50	**1.10**	<5.0
MW-6	11/13/2001	**0.37**	<0.50	<0.50	<0.50	<0.50	<1.0
MW-6	2/14/2002	**0.39**	**26.0**	**220**	**1.09**	**8.00**	<1.0
MW-6	5/14/2002	**0.31**	**21.9**	**1.33**	<0.50	**2.83**	<1.0 [J]
MW-6	8/13/2002	**0.10**	<0.50	<0.50	<0.50	<0.50	<1.0
MW-6	11/27/2002	**0.18**	<0.50	<0.50	**2.00**	**1.67**	<1.0
MW-6	2/20/2003	**0.23**	<0.50	<0.50	<0.50	<0.50	<1.0
MW-6	5/7/2003	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-6	8/15/2003	**0.43**	**1.95**	**0.8**	<0.50	**1.16**	**1.18**
MW-6	11/6/2003	**0.095**	<0.30	<0.30	<0.50	<0.50	**0.74**
MW-6	2/20/2004	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-6	5/20/2004	**0.090**	<0.50	<0.50	<0.50	<0.50	<1.0
MW-6	8/31/2004	**0.26**	<0.50	<0.50	<0.50	**0.81**	<1.0
MW-6	11/4/2004	**0.23**	<0.50	**0.52**	**4.34**	**2.58**	<1.0
MW-6	2/1/2005	**0.22**	<0.50	<0.50	<0.50	<0.50	<1.0
MW-6	4/7/2005	<0.05	<0.50	<0.50	<0.50	<0.50	<1.0
MW-6	8/1/2005	**0.24**	<0.50	<0.50	<0.50	**1.11**	<1.0
MW-6	10/7/2005	**0.39**	<0.50	<0.50	<0.50	<0.50	<1.0

Table 3. Petroleum Hydrocarbon Analytical Results of Groundwater Sampling Since 1992

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Well Number	Date Sampled	TPH as gasoline (mg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Xylenes (µg/l)	MTBE[B] (EPA 8260) (µg/l)
MW-7	9/1/1993	ND	ND	ND	ND	ND	NR
MW-7	12/1/1993	ND	ND	ND	ND	ND	NR
MW-7	3/1/1994	ND	ND	ND	ND	ND	NR
MW-7	6/1/1994	ND	ND	ND	ND	ND	NR
MW-7	9/1/1994	ND	ND	ND	ND	ND	NR
MW-7	12/1/1994	ND	ND	ND	ND	ND	NR
MW-7	3/1/1995	ND	ND	ND	ND	ND	NR
MW-7	6/1/1995	ND	ND	ND	ND	ND	NR
MW-7	9/1/1995	ND	ND	ND	ND	ND	NR
MW-7	4/1/1996	ND	**0.78**	ND	ND	ND	NR
MW-7	10/1/1997	ND	ND	ND	ND	ND	NR
MW-7	6/30/2000	<0.050	<0.5	<0.5	<0.5	<0.5	<0.50
MW-7	9/11/2001	<0.050	<0.50	<0.50	<0.50	<0.50	<5.0
MW-7	11/13/2001	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-7	2/15/2002	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-7	5/14/2002	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-7	8/14/2002	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-7	11/27/2002	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-7	2/20/2003	<0.050	**15.2**	<0.50	<0.50	<0.50	<1.0
MW-7	5/7/2003	<0.050	**2.31**	<0.50	<0.50	<0.50	<1.0
MW-7	8/15/2003	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-7	11/6/2003	<0.050	<0.30	<0.30	<0.50	<0.50	<0.50
MW-7	2/20/2004	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-7	5/20/2004	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-7	8/31/2004	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-7	11/5/2004	<0.05	<0.50	<0.50	<0.50	<0.50	<1.0
MW-7	2/1/2005	<0.05	<0.50	<0.50	<0.50	<0.50	<1.0
MW-7	4/7/2005	<0.05	<0.50	<0.50	<0.50	<0.50	<1.0
MW-7	8/1/2005	<0.05	<0.50	<0.50	<0.50	<0.50	<1.0
MW-7	10/7/2005	<0.05	<0.50	<0.50	<0.50	<0.50	<1.0
MW-8	3/1/1992	ND	ND	ND	ND	ND	NR
MW-8	3/1/1993	ND	ND	ND	ND	ND	NR
MW-8	9/1/1993	ND	ND	ND	ND	ND	NR
MW-8	3/1/1994	ND	ND	ND	ND	ND	NR
MW-8	9/1/1994	ND	ND	ND	ND	ND	NR

Table 3. Petroleum Hydrocarbon Analytical Results of Groundwater Sampling Since 1992

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Santa Rosa, California

Well Number	Date Sampled	TPH as gasoline (mg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Xylenes (µg/l)	MTBE[B] (EPA 8260) (µg/l)
MW-9	3/1/1992	ND	ND	ND	ND	ND	NR
MW-9	3/1/1993	ND	ND	ND	ND	ND	NR
MW-9	9/1/1993	ND	ND	ND	ND	ND	NR
MW-9	3/1/1994	ND	ND	ND	ND	ND	NR
MW-9	9/1/1994	ND	ND	ND	ND	ND	NR
MW-9	3/1/1995	ND	ND	ND	ND	ND	NR
MW-9	6/1/1995	ND	ND	ND	ND	ND	NR
MW-9	4/1/1996	ND	ND	ND	ND	ND	NR
MW-9	10/1/1997	ND	ND	ND	ND	ND	NR
MW-9[C]	8/1/1998	<0.05	<1.0	<1.0	<1.0	<1.0	<1.0[L]
MW-9	6/30/2000	<0.05	<0.5	<0.5	<0.5	<0.5	<0.50
MW-9	9/11/2001	<0.050	<0.50	<0.50	<0.50	<0.50	<5.0
MW-9	11/13/2001	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-9 Dup	11/13/2001	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-9	2/15/2002	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-9	5/14/2002	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-9	8/13/2002	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-9	11/27/2002	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-9	2/20/2003	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-9	5/6/2003	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-9	8/15/2003	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-9	11/6/2003	<0.050	<0.30	<0.30	<0.50	<0.50	<0.50
MW-9	2/20/2004	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-9	5/20/2004	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-9	8/31/2004	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-9	11/5/2004	<0.05	<0.50	<0.50	<0.50	<0.50	<1.0
MW-9	2/1/2005	<0.05	<0.50	<0.50	<0.50	<0.50	<1.0
MW-9	4/7/2005	<0.05	<0.50	<0.50	<0.50	<0.50	<1.0
MW-9	8/1/2005	<0.05	<0.50	<0.50	<0.50	<0.50	<1.0
MW-9	10/7/2005	<0.05	<0.50	<0.50	<0.50	<0.50	<1.0

Table 3. Petroleum Hydrocarbon Analytical Results of Groundwater Sampling Since 1992
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Santa Rosa, California

Well Number	Date Sampled	TPH as gasoline (mg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Xylenes (µg/l)	MTBE[B] (EPA 8260) (µg/l)
MW-10	3/1/1992	ND	ND	ND	ND	ND	NR
MW-10	3/1/1993	ND	ND	ND	ND	ND	NR
MW-10	6/1/1993	ND	ND	ND	ND	ND	NR
MW-10	9/1/1993	ND	ND	ND	ND	ND	NR
MW-10	12/1/1993	ND	ND	ND	ND	ND	NR
MW-10	3/1/1994	ND	ND	ND	ND	ND	NR
MW-10	6/1/1994	ND	ND	ND	ND	ND	NR
MW-10	9/1/1994	ND	ND	ND	ND	ND	NR
MW-10	12/1/1994	ND	ND	ND	ND	ND	NR
MW-10	3/1/1995	ND	ND	ND	ND	ND	NR
MW-10	6/1/1995	ND	ND	ND	ND	ND	NR
MW-10	9/1/1995	ND	ND	ND	ND	ND	NR
MW-10	4/1/1996	ND	ND	ND	ND	ND	NR
MW-10	10/1/1997	ND	ND	ND	ND	ND	NR
MW-10[C]	8/1/1998	<0.05	<1.0	<1.0	<1.0	<1.0	<1.0[L]
MW-10	6/30/2000	<0.05	<0.5	<0.5	<0.5	<0.5	<0.50
MW-10	9/11/2001	<0.050	<0.50	<0.50	<0.50	<0.50	<5.0
MW-10	11/13/2001	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-10	2/14/2002	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-10	5/14/2002	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-10	8/13/2002	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-10	11/27/2002	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-10	2/20/2003	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-10	5/7/2003	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-10	8/15/2003	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-10	11/6/2003	<0.050	<0.30	<0.30	<0.50	<0.50	<0.50
MW-10	2/20/2004	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-10	5/20/2004	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-10	8/31/2004	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-10	11/5/2004	<0.05	<0.50	<0.50	<0.50	<0.50	<1.0
MW-10	2/1/2005	<0.05	<0.50	<0.50	<0.50	<0.50	<1.0
MW-10	4/7/2005	<0.05	<0.50	<0.50	<0.50	<0.50	<1.0
MW-10	8/1/2005	<0.05	<0.50	<0.50	<0.50	<0.50	<1.0
MW-10	10/7/2005	<0.05	<0.50	<0.50	<0.50	<0.50	<1.0

Table 3. Petroleum Hydrocarbon Analytical Results of Groundwater Sampling Since 1992
1980 Sebastopol Road
Santa Rosa, California

Well Number	Date Sampled	TPH as gasoline (mg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Xylenes (µg/l)	MTBE[B] (EPA 8260) (µg/l)
MW-11	3/1/1992	**0.18**	**0.8**	**0.6**	**7.6**	**11**	NR
MW-11	3/1/1993	ND	ND	ND	ND	ND	NR
MW-11	6/1/1993	**0.08**	ND	ND	**1.5**	**1.1**	NR
MW-11	9/1/1993	ND	ND	ND	ND	ND	NR
MW-11	12/1/1993	**0.22**	**2.3**	ND	**1.2**	**2.5**	NR
MW-11	3/1/1994	**0.11**	ND	ND	**1.9**	**1.2**	NR
MW-11	6/1/1994	ND	ND	ND	ND	ND	NR
MW-11	9/1/1994	ND	ND	ND	ND	ND	NR
MW-11	12/1/1994	**0.42**	**1.2**	ND	**1.3**	**1.2**	NR
MW-11	3/1/1995	**0.081**	ND	ND	ND	**5.1**	NR
MW-11	6/1/1995	**0.096**	ND	ND	**1.6**	**2.6**	NR
MW-11	9/1/1995	ND	ND	ND	ND	ND	NR
MW-11	4/1/1996	**0.11**	ND	ND	ND	ND	NR
MW-11	10/1/1997	ND	ND	ND	ND	ND	NR
MW-11[C]	8/1/1998	<0.05	<1.0	<1.0	<1.0	<1.0	<1.0[L]
MW-11	6/29/2000	<0.05	<0.5	<0.5	<0.5	<0.5	<0.50
MW-11	10/30/2000	<0.05	<0.5	**1.41**	**0.789**	**3.01**	<0.50
MW-11	1/18/2001	<0.050	<0.5	<0.5	<0.5	<0.5	<0.50
MW-11	4/27/2001	<0.050	<0.5	<0.5	<0.5	<0.5	<5.0
MW-11	9/11/2001	<0.050	<0.50	<0.50	<0.50	<0.50	<5.0
MW-11	11/13/2001	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-11	2/14/2002	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-11	5/14/2002	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-11	8/13/2002	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-11	11/27/2002	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-11	2/19/2003	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-11	5/6/2003	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-11	8/14/2003	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-11	11/6/2003	<0.050	<0.30	<0.30	<0.50	<0.50	**0.78**
MW-11	2/19/2004	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-11	5/21/2004	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-11	8/30/2004	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-11	11/3/2004	<0.05	<0.50	<0.50	<0.50	<0.50	<1.0
MW-11	1/31/2005	<0.05	<0.50	<0.50	<0.50	<0.50	<1.0
MW-11	4/4/2005	<0.05	<0.50	<0.50	<0.50	<0.50	<1.0
MW-11	7/29/2005	<0.05	<0.50	<0.50	<0.50	<0.50	<1.0
MW-11	10/7/2005	<0.05	<0.50	<0.50	<0.50	<0.50	<1.0

Table 3. Petroleum Hydrocarbon Analytical Results of Groundwater Sampling Since 1992

1980 Sebastopol Road

Santa Rosa, California

Well Number	Date Sampled	TPH as gasoline (mg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Xylenes (µg/l)	MTBE[B] (EPA 8260) (µg/l)
MW-12	3/1/1992	ND	ND	ND	ND	ND	NR
MW-12	3/1/1993	ND	ND	ND	ND	ND	NR
MW-12	6/1/1993	ND	ND	ND	ND	ND	NR
MW-12	9/1/1993	ND	ND	ND	ND	ND	NR
MW-12	12/1/1993	ND	ND	ND	ND	ND	NR
MW-12	3/1/1994	ND	ND	ND	ND	ND	NR
MW-12	6/1/1994	ND	ND	ND	ND	ND	NR
MW-12	9/1/1994	ND	ND	ND	ND	ND	NR
MW-12	12/1/1994	ND	ND	ND	ND	ND	NR
MW-12	3/1/1995	ND	ND	ND	ND	ND	NR
MW-12	6/1/1995	ND	ND	ND	ND	ND	NR
MW-12	9/1/1995	ND	ND	ND	ND	ND	NR
MW-12	4/1/1996	ND	ND	ND	ND	ND	NR
MW-12	10/1/1997	ND	ND	ND	ND	ND	NR
MW-12	6/29/2000	<0.05	<0.5	<0.5	<0.5	<0.5	<0.50
MW-12	10/30/2000	<0.05	<0.5	**1.86**	**1.22**	**4.52**	<2.0
MW-12	1/18/2001	<0.050	<0.5	<0.5	<0.5	<0.5	<0.50
MW-12	4/27/2001	<0.050	<0.5	<0.5	<0.5	<0.5	<0.50
MW-12	9/11/2001	<0.050	<0.50	<0.50	<0.50	<0.50	<5.0
MW-12	11/13/2001	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-12	2/14/2002	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-12	5/14/2002	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-12	8/14/2002	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-12	11/27/2002	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-12	2/19/2003	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-12	5/6/2003	<0.050	<0.50	<0.50	<0.50	<0.50	**15.3**
MW-12	8/14/2003	<0.050	<0.50	<0.50	<0.50	<0.50	**17.8** [K]
MW-12	11/6/2003	<0.050	<0.30	<0.30	<0.50	<0.50	**0.53**
MW-12	2/19/2004	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-12	5/21/2004	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-12	8/30/2004	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-12	11/3/2004	<0.05	<0.50	<0.50	<0.50	<0.50	<1.0
MW-12	1/31/2005	<0.05	<0.50	<0.50	<0.50	<0.50	<1.0
MW-12	4/4/2005	<0.05	<0.50	<0.50	<0.50	<0.50	<1.0
MW-12	7/29/2005	<0.05	<0.50	<0.50	<0.50	<0.50	<1.0
MW-12	10/7/2005	<0.05	<0.50	<0.50	<0.50	<0.50	<1.0

Table 3. Petroleum Hydrocarbon Analytical Results of Groundwater Sampling Since 1992

1980 Sebastopol Road

Santa Rosa, California

Well Number	Date Sampled	TPH as gasoline (mg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Xylenes (µg/l)	MTBE[B] (EPA 8260) (µg/l)
MW-13	3/1/1992	ND	ND	ND	ND	ND	NR
MW-13	9/1/1993	ND	ND	ND	ND	ND	NR
MW-13	6/1/1994	ND	ND	ND	ND	ND	NR
MW-13	9/1/1994	ND	ND	ND	ND	ND	NR
MW-13[C]	8/1/1998	<0.05	<1.0	<1.0	<1.0	<1.0	<1.0[L]
MW-13	9/11/2001	<0.050	<0.50	<0.50	<0.50	<0.50	<5.0
MW-13	11/13/2001	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-13	2/14/2002	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-13	5/14/2002	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-13	8/13/2002	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-13	11/27/2002	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-13	2/19/2003	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-13	5/6/2003	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-13	8/14/2003	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-13	11/6/2003	<0.050	<0.30	<0.30	<0.50	<0.50	<0.50
MW-13	2/19/2004	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-13	5/21/2004	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-13	8/30/2004	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-13	11/3/2004	<0.05	<0.50	<0.50	<0.50	<0.50	<1.0
MW-13	1/31/2005	<0.05	<0.50	<0.50	<0.50	<0.50	<1.0
MW-13	4/4/2005	<0.05	<0.50	<0.50	<0.50	<0.50	<1.0
MW-13	7/29/2005	<0.05	<0.50	<0.50	<0.50	<0.50	<1.0
MW-13	10/7/2005	<0.05	<0.50	<0.50	<0.50	<0.50	<1.0
MW-14	3/1/1992	ND	ND	ND	ND	ND	NR
MW-14	3/1/1993	ND	ND	ND	ND	ND	NR
MW-14	9/1/1993	ND	ND	ND	ND	ND	NR
MW-14	3/1/1994	ND	ND	ND	ND	ND	NR
MW-14	9/1/1994	ND	ND	ND	ND	ND	NR
Well MW-14 Reportedly Abandoned by Weeks Drilling							

Table 3. Petroleum Hydrocarbon Analytical Results of Groundwater Sampling Since 1992

1980 Sebastopol Road

Santa Rosa, California

Well Number	Date Sampled	TPH as gasoline (mg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Xylenes (µg/l)	MTBE[B] (EPA 8260) (µg/l)
MW-15	3/1/1992	ND	ND	ND	ND	ND	NR
MW-15	3/1/1993	ND	ND	ND	ND	ND	NR
MW-15	6/1/1993	ND	ND	ND	ND	ND	NR
MW-15	9/1/1993	ND	ND	ND	ND	ND	NR
MW-15	12/1/1993	ND	ND	ND	ND	ND	NR
MW-15	3/1/1994	ND	ND	ND	ND	ND	NR
MW-15	6/1/1994	ND	ND	ND	ND	ND	NR
MW-15	9/1/1994	ND	ND	ND	ND	ND	NR
MW-15	12/1/1994	**0.11**	**24**	**7.2**	**2.8**	**17**	NR
MW-15	3/1/1995	ND	ND	ND	ND	ND	NR
MW-15	6/1/1995	ND	ND	ND	ND	ND	NR
MW-15	9/1/1995	ND	ND	ND	ND	ND	NR
MW-15	4/1/1996	ND	ND	ND	ND	ND	NR
MW-15[C]	8/1/1998	<0.05	<1.0	<1.0	<1.0	<1.0	<1.0[L]
MW-15	9/11/2001	<0.050	<0.50	<0.50	<0.50	<0.50	<5.0
MW-15	11/13/2001	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-15	2/14/2002	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-15	5/14/2002	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-15	8/13/2002	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-15	11/27/2002	<0.050	<0.50	<0.50	<0.50	<0.50	<1.0
MW-15	2/19/2003	ns	ns	ns	ns	ns	ns
MW-15	5/6/2003	ns	ns	ns	ns	ns	ns
MW-15	8/14/2003	ns	ns	ns	ns	ns	ns
MW-15	11/6/2003	ns	ns	ns	ns	ns	ns
MW-15	2/19/2004	ns	ns	ns	ns	ns	ns
MW-15	5/20/2004	ns	ns	ns	ns	ns	ns
MW-15	11/4/2004	ns	ns	ns	ns	ns	ns
MW-15	7/29/2005	ns	ns	ns	ns	ns	ns
MW-15	10/7/2005	ns	ns	ns	ns	ns	ns

Table 3. Petroleum Hydrocarbon Analytical Results of Groundwater Sampling Since 1992

1980 Sebastopol Road

Santa Rosa, California

Well Number	Date Sampled	TPH as gasoline (mg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Xylenes (µg/l)	MTBE[B] (EPA 8260) (µg/l)
MW-16A	5/25/2004	42	5,720	2,640	1,770	9,650	<40
MW-16A	7/13/2004	28	3,840	1,480	1,990	11,100	<50
MW-16A	8/30/2004	23	4,810	<50	2,250	4,660	<100
MW-16A	11/3/2004	19	4,120	535	1,780	2,460	<100
MW-16A	2/1/2005	53	7,340	1,420	2,540	8,510	<250
MW-16A	4/5/2005	72	9,500	2,100	2,700	11,900	<100
MW-16A	7/29/2005	60	8,170	1,280	2,350	8,320	<100
MW-16A	10/7/2005	48	5,441	329	1,820	4,470	<100
MW-16B	5/25/2004	5.2	232	157	190	1,070	<5.0
MW-16B	7/13/2004	4.2	190	5.91	204	342	<10
MW-16B	8/30/2004	3.0	161	2.55	174	100	<1.0
MW-16B	11/3/2004	1.4	71.1	<1.0	75.3	2.26	<2.0
MW-16B	2/1/2005	1.7	12.9	<2.5	4.90	14.7	<5.0
MW-16B	4/5/2005	0.80	8.54	3.11	4.08	33.2	<2.0
MW-16B	7/29/2005	<0.25	3.00	<2.5	<2.5	6.29	<5.0
MW-16B	10/7/2005	<0.25	<2.5	<2.5	<2.5	2.76	<5.0
MW-16C	5/25/2004	3.9	87.2	82.7	126	710	<1.0
MW-16C	7/13/2004	2.0	37.8	<2.5	63.9	25.6	<5.0
MW-16C	8/30/2004	0.84	2.88	<0.50	28.9	1.5	2.07
MW-16C	11/3/2004	0.22	0.89	<0.50	<0.50	<0.50	2.01
MW-16C	2/1/2005	0.20	<0.50	<0.50	<0.50	<0.50	<1.0
MW-16C	4/5/2005	0.10	0.78	<0.50	0.90	4.03	<1.0
MW-16C	7/29/2005	0.060	<0.50	<0.50	<0.50	<0.50	1.50
MW-16C	10/7/2005	<0.05	<0.50	<0.50	<0.50	<0.50	1.16
SVE-3	12/10/2004	ns	ns	ns	ns	ns	ns
SVE-4	12/10/2004	19	<5.0	63.6	609	1,130	<10
SVE-4	6/9/2005	9.4	<2.5	9.48	172	207	<5.0
SVE-5	12/10/2004	8.0	33.5	15.8	214	404	<10
SVE-5	6/9/2005	4.0	23.5	8.47	140	218	<10
SVE-6	12/10/2004	4.5	119	5.33	18.3	14.8	<5.0
SVE-6	6/9/2005	3.2	40.1	<5.0	21.9	22.4	<10
SVE-7	12/10/2004	15	1,930	70.2	468	866	<10
SVE-7	6/8/2005	4.5	336	11.7	126	180	<10
SVE-8	12/10/2004	44	2,990	742	1,750	5,280	<20
SVE-8	6/9/2005	42	1,170	240	1,350	5,340	<20
SVE-9	12/9/2004	6.3	13.7	12.2	199	137	<10
SVE-9	6/8/2005	5.0	13.5	8.42	122	92.0	<10
SVE-10	12/10/2004	5.4	63.9	14.7	93.2	131	<10
SVE-10	6/8/2005	4.6	17.2	1.73	13.8	5.26	<2.0

Table 3. Petroleum Hydrocarbon Analytical Results of Groundwater Sampling Since 1992

1980 Sebastopol Road

Santa Rosa, California

Well Number	Date Sampled	TPH as gasoline (mg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Xylenes (µg/l)	MTBE[B] (EPA 8260) (µg/l)
SVE-11	12/9/2004	**1.2**	**11.2**	**4.10**	**4.68**	**9.22**	<1.0
SVE-11	6/8/2005	<0.05	<0.50	<0.50	<0.50	<0.50	<1.0
SVE-12	12/9/2004	**7.9**	**19.2**	<5.0	**25.6**	**17.7**	<10
SVE-12	6/7/2005	**5.5**	<5.0	<5.0	<5.0	<5.0	<10
SVE-13	12/10/2004	**45**	**568**	**315**	**2,550**	**6,770**	<20
SVE-13	6/9/2005	**1.0**	<10	<10	**32.8**	**57.1**	<20
GWE-1	6/8/2005	<0.05	<0.50	<0.50	<0.50	<0.50	<1.0

Table 3. Petroleum Hydrocarbon Analytical Results of Groundwater Sampling Since 1992

1980 Sebastopol Road
Santa Rosa, California

Footnotes

mg/l = milligrams per liter.
µg/l = micrograms per liter.
< = less than given laboratory reporting limit.
ND = not detected at laboratory reporting limit.
NR = not requested.
ns = not sampled due to well inaccessability.
Data collected prior to June 2000 were collected by previous consultants.
Well MW-16 is a nested well. MW-16A is screened from 9.0 to 14.0 feet bgs, MW-16B is screened from 24.0 to 29.0 feet bgs, and MW-16C is screened from 35.0 to 39.0 feet bgs.

[A] sampled prior to purging, using "no purge" method. Sample MW-6 on 6/30/00 was sampled post purging.

[B] analyzed for petroleum oxygenates and lead scavengers using EPA Test Method 8260B unless otherwise indicated. All other analytes not detected unless noted.

[C] analyzed using EPA Test Method 8260. All other analytes were not detected. Sampled using "no-purge" method.

[D] analyzed using EPA Test Method 8260. Also contained n-propylbenzene at 120 µg/l. All other analytes were not detected. Sampled using "no-purge" method.

[E] analyzed using EPA Test Method 8260. Also contained n-propylbenzene at 64 µg/l and isopropylbenzene at 22 µg/l. All other analytes were not detected. Sampled using "no-purge" method.

[F] analyzed using EPA Test Method 8260. Also contained isopropylbenzene at 93 µg/l, n-propylbenzene at 260 µg/l, n-butylbenzene at 24 µg/l, and napthalene at 390 µg/l.

[G] analyzed using EPA Test Method 8260. Also contained isopropylbenzene at 150 µg/l, n-propylbenzene at 450 µg/l, sec-butylbenzene at 28 µg/l, p-isopropyltoluene at 18 µg/l, n-butylbenzene at 64 µg/l, and napthalene at 950 µg/l.

[H] analyzed using EPA Test Method 8260. Also contained isopropylbenzene at 25 µg/l, n-propylbenzene at 60 µg/l, n-butylbenzene at 2.1 µg/l, and napthalene at 87 µg/l.

[I] analyzed using EPA Test Method 8260. Also contained isopropylbenzene at 11 µg/l, n-propylbenzene at 23 µg/l, sec-butylbenzene at 2.3 µg/l, and napthalene at 21 µg/l.

[J] analyzed using EPA Test Method 8260. Also contained tert-Amyl methyl ether (TAME) at 1.31 µg/l.

[K] analyzed using EPA Test Method 8260. Also contained TAME at 1.27 µg/l.

[L] analyzed using EPA Test Method 8020.

Table 4. Well Construction Details

1980 Sebastopol Road
Santa Rosa, California

Well Number	Date Installed	Boring Diameter (inches)	Boring Depth (feet)	Casing Diameter (inches)	Screened Interval (feet)	Installed By	Abandoned or Existing
Monitoring Wells							
MW-1	3/10/1987	8	35	2	2 to 27	Delta	Existing
MW-2	3/10/1987	8	35	2	3 to 35	Delta	Existing
MW-3	3/10/1987	8	35	2	3 to 35	Delta	Existing
MW-4	3/10/1987	8	35	2	4.5 to 34.5	Delta	Existing
MW-5	10/7/1987	8	21.5	2	8 to 18.5	Delta	Existing
MW-6	10/6/1987	8	21	2	8 to 18	Delta	Existing
MW-7	10/6/1987	8	26	2	7 to 17	Delta	Existing
MW-8	6/3/1988	8	22	2	7 to 22	Delta	Existing
MW-9	6/2/1988	8	23	2	7 to 22	Delta	Existing
MW-10	6/2/1988	8	24	2	7 to 22	Delta	Existing
MW-11	6/2/1988	8	23	2	7 to 22	Delta	Existing
MW-12	3/9/1992	8	18	4	8 to 18	GeoPlexus	Existing
MW-13	3/10/1992	8	18	4	8 to 18	GeoPlexus	Existing
MW-14	3/9/1992	8	15	4	5 to 15	GeoPlexus	Abandoned
MW-15	3/9/1992	8	15	4	5 to 15	GeoPlexus	Existing
MW-16A	5/20/2004	10	51	1	9 to 14	BAI	Existing
MW-16B	5/20/2004	10	51	1	24 to 29	BAI	Existing
MW-16C	5/20/2004	10	51	1	35 to 39	BAI	Existing
Groundwater Extraction Wells							
TW-1	6/2/1988	12	25.5	6	5 to 25	Delta	Abandoned
GWE-1	9/30/2004	10	15	4	5 to 15	BAI	Existing

Table 4. Well Construction Details

1980 Sebastopol Road
Santa Rosa, California

Well Number	Date Installed	Boring Diameter (inches)	Boring Depth (feet)	Casing Diameter (inches)	Screened Interval (feet)	Installed By	Abandoned or Existing
Soil Vapor Extraction Wells							
SV-1	7/5/2000	10	16	4	5 to 15	BAI	Existing
SV-2	7/5/2000	10	16	4	5 to 15	BAI	Existing
SV-3	7/5/2000	10	16	4	5 to 15	BAI	Existing
SVE-4	9/28/2004	10	20	4	7 to 20	BAI	Existing
SVE-5	9/28/2004	10	20	4	7 to 20	BAI	Existing
SVE-6	9/28/2004	10	20	4	7 to 20	BAI	Existing
SVE-7	9/29/2004	10	20	4	7 to 20	BAI	Existing
SVE-8	9/29/2004	10	20	4	7 to 20	BAI	Existing
SVE-9	9/29/2004	10	20	4	7 to 20	BAI	Existing
SVE-10	9/30/2004	10	20	4	7 to 20	BAI	Existing
SVE-11	9/30/2004	10	20	4	7 to 20	BAI	Existing
SVE-12	10/1/2005	10	20	4	7 to 20	BAI	Existing
SVE-13	10/1/2005	10	20	4	7 to 20	BAI	Existing

Delta = Delta Environmental Consultants, Inc.
GeoPlexus = GeoPlexus, Inc.
BAI = Brunsing Associates, Inc.
Well MW-16 is a nested well

PLATES

Mag 15.00
Mon Jun 09 10:23 2003

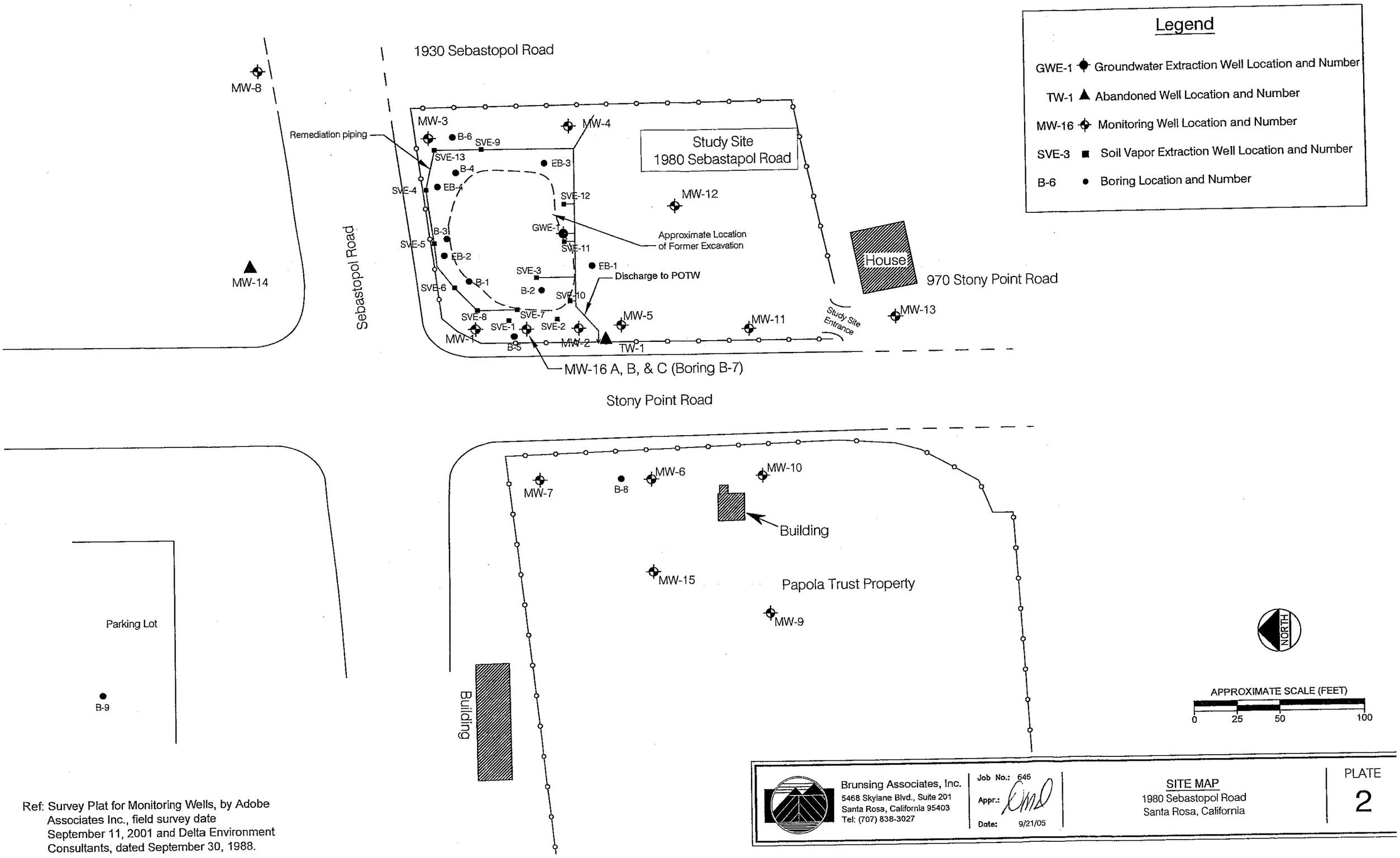
Scale 1:15,625 (at center)
1000 Feet

APPROXIMATE SCALE
(feet)
0 1000 2000

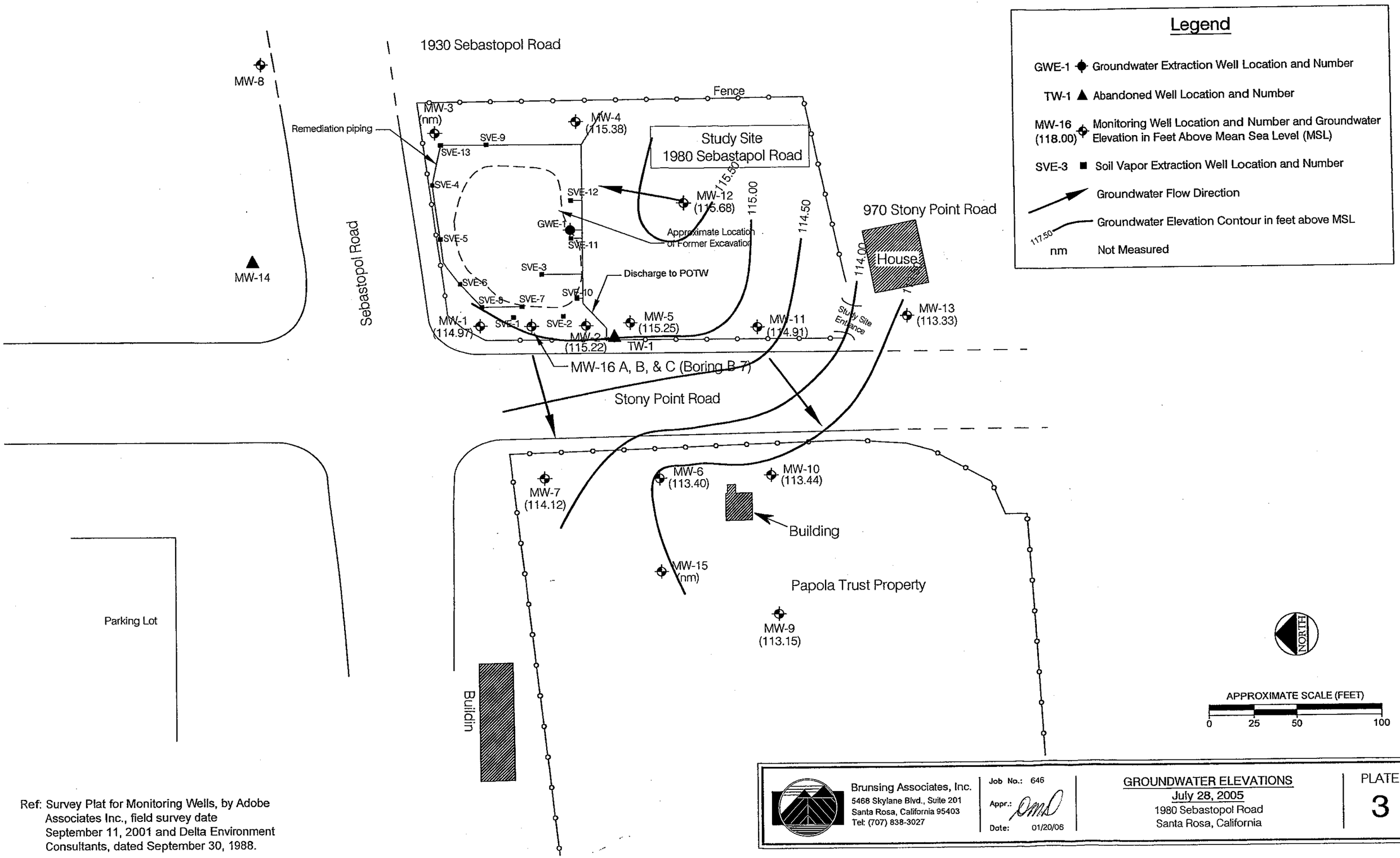
PROJECT NO.:	646	
DRAWN BY:	DEC	6/9/03
CHECKED BY:		
APPROVED BY:		4/14/05
REVISED BY:		

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

PLATE 1
VICINITY MAP
1980 Sebastopol Road
Santa Rosa, California



Ref: Survey Plat for Monitoring Wells, by Adobe Associates Inc., field survey date September 11, 2001 and Delta Environment Consultants, dated September 30, 1988.



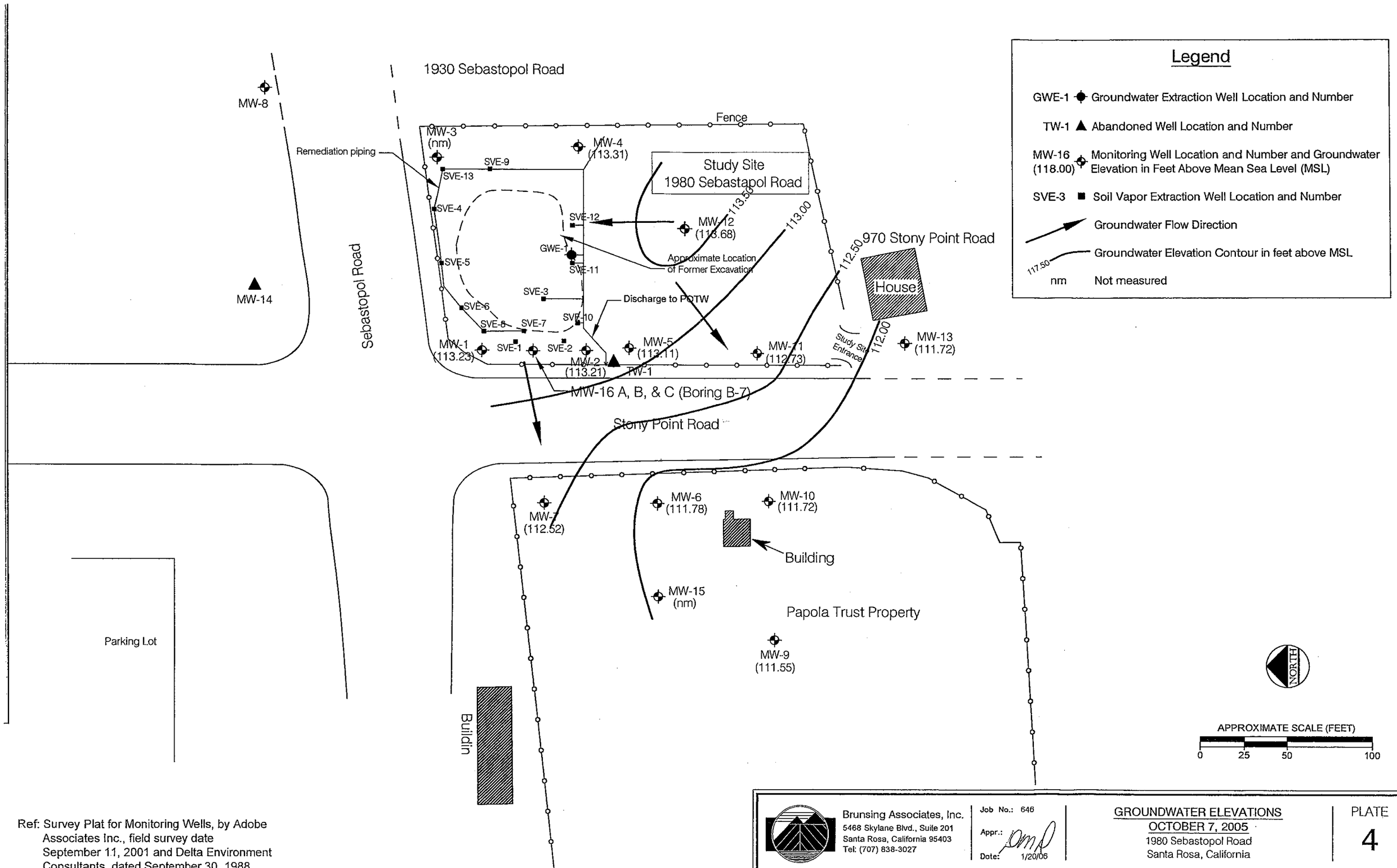
Ref: Survey Plat for Monitoring Wells, by Adobe Associates Inc., field survey date September 11, 2001 and Delta Environment Consultants, dated September 30, 1988.

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

Job No.: 646
Appr.:
Date: 01/20/06

GROUNDWATER ELEVATIONS
July 28, 2005
1980 Sebastopol Road
Santa Rosa, California

PLATE
3



Ref: Survey Plat for Monitoring Wells, by Adobe Associates Inc., field survey date September 11, 2001 and Delta Environment Consultants, dated September 30, 1988.

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

Job No.: 646
Appr.:
Date: 1/20/06

GROUNDWATER ELEVATIONS
OCTOBER 7, 2005
1980 Sebastopol Road
Santa Rosa, California

PLATE
4

APPENDIX A

Monitoring Well Sampling Protocol

Monitoring Well 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:

- Scrub with a potable water and detergent solution or other solutions deemed appropriate using a hard bristle brush
- 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 B

Well Sampling Field Logs

Brunsing Associates, Inc

FILE COPY

UST Fund Site: X Yes ___ No

FIELD REPORT

PAGE 1 OF 5

JOB NO: 646
INITIAL: CDS
DATE: 7-28-05

PROJECT: Bertoli - 1980 Sebastopol Rd, Santa Rosa, CA
SUBJECT: GROUNDWATER SAMPLING
PROJECT PHASE NUMBER: 04
VEHICLE USED: FORD F-150

Total Time: 8.00
End. Mileage: 389
Beg. Mileage: 173369
TOTAL MILEAGE: 20

TIME	DESCRIPTION OF WORK AND CONVERSATION RECORD
0744	LOAD EQUIPMENT AND SUPPLIES.
0819	TO SITE
0845	ARRIVE AT SITE, SET-UP FOR GROUNDWATER SAMPLING.
	MEASURED TWO ROUND OF DISTANCE TO WATER AT WELLS
	MW-1, MW-2, MW-4, MW-5, MW-6, MW-7, MW-9,
	MW-10, MW-11, MW-12, MW-13, MW-16A, MW-16B, MW-16C,
	SVE-4, SVE-5, SVE-6, SVE-7, SVE-8, SVE-9, SVE-10,
	SVE-11, SVE-12, SVE-13 AND GWE-1.
	WELL MW-3 IS BURIED UNDER TRENCH SPOILS AND MW-15 COULD
	NOT BE LOCATED.
	PERFORMED SAMPLING AT WELLS MW-4 AND MW-5.
	STORED PURGEWATER IN DRUM LOCATED AT THE NORTHEAST
	LIMITS OF THE PROPERTY.
	CLOSED WELLS AND MONUMENTS.
	DECON SAMPLING EQUIPMENT.
	LOAD EQUIPMENT AND SUPPLIES.
	COMPLETED FIELD NOTES AND LOGGED SAMPLES ON CHAIN OF CUSTODY.
1519	LEAVE SITE.
1546	ARRIVE AT OFFICE
	UNLOAD EQUIPMENT AND SUPPLIES.
1616	FINISHED WITH WORK.

DRUM COUNT:
Water = 2.5 Devlpmt Water =
Soil = Decon Water =

Brunsing Associates, Inc.

WATER LEVELS

SHEET 2 OF 5

PROJECT: Bertoli - 1980 Sebastopol Rd, Santa Rosa, CA PROJECT NUMBER: 646

INSTRUMENT TYPE: ET (WLP) INITIALS: CDS DATE: 7-28-05

WELL NUMBER	DEPTH TO PRODUCT	DISTANCE TO WATER	TIME (24 HOUR)	EQUILIBRATED (CHECK FOR YES)	NOTES
MW-1	Ø	8.17	1058		
MW-2	Ø	6.96	1108		
MW-3	—	—	—	—	UNDER SOIL STOCKPILE
MW-4	Ø	9.16	1047		
MW-5	Ø	7.22	1111		
MW-6	Ø	9.00	1149		
MW-7	Ø	8.52	1147		
MW-9	Ø	11.18	1145		
MW-10	Ø	10.77	1143		
MW-11	Ø	9.24	1138		
MW-12	Ø	7.39	1119		
MW-13	Ø	7.71	1140		
MW-15	—	—	—	—	COULD NOT LOCATE
MW-16A	Ø	7.44	1101		
MW-16B	Ø	7.63	1102		
MW-16C	Ø	10.21	1103		
SVE-4	Ø	8.49	1052		
SVE-5	Ø	8.78	1053		
SVE-6	Ø	8.64	1055		
SVE-7	Ø	7.48	1106		
SVE-8	Ø	7.67	1057		
SVE-9	Ø	8.64	1048		
SVE-10	Ø	7.69	1110		
SVE-11	Ø	8.31	1115		
SVE-12	Ø	8.13	1117		
SVE-13	Ø	8.04	1050		
GWE-1	Ø	7.92	1113		

WATER LEVELS

PROJECT: Bertoli - 1980 Sebastopol Rd, Santa Rosa, CA PROJECT NUMBER: 646

INSTRUMENT TYPE: ET (WLP) INITIALS: CDS DATE: 7-28-05

WELL NUMBER	DEPTH TO PRODUCT	DISTANCE TO WATER	TIME (24 HOUR)	EQUILIBRATED (CHECK FOR YES)	NOTES
MW-1	Ø	8.16	1259		
MW-2	Ø	6.96	1255	✓	
MW-3	—	—	—	—	
MW-4	Ø	9.15	1310	✓	
MW-5	Ø	7.23	1246	✓	
MW-6	Ø	9.01	1157	✓	
MW-7	Ø	8.51	1155	✓	
MW-9	Ø	11.18	1153	✓	
MW-10	Ø	10.76	1150	✓	
MW-11	Ø	9.24	1204	✓	
MW-12	Ø	7.39	1206	✓	
MW-13	Ø	7.91	1201	✓	
MW-15	—	—	—	—	
MW-16A	Ø	7.43	1256	✓	
MW-16B	Ø	7.62	1252	✓	
MW-16C	Ø	10.20	1253	✓	
SVE-4	Ø	8.48	1304	✓	
SVE-5	Ø	8.77	1303	✓	
SVE-6	Ø	8.63	1301	✓	
SVE-7	Ø	7.48	1249	✓	
SVE-8	Ø	7.66	1257	✓	
SVE-9	Ø	8.63	1308	✓	
SVE-10	Ø	7.69	1248	✓	
SVE-11	Ø	8.31	1245	✓	
SVE-12	Ø	8.74	1241	✓	
SVE-13	Ø	8.03	1306	✓	
GWE-1	Ø	7.73	1243	✓	

BRUNSING ASSOCIATES, INC.
ENVIRONMENTAL DIVISION

WELL SAMPLING

SHEET 4 OF 5

PROJECT: Bertoli

PROJECT NUMBER: 646.008

WELL# MW-4 PRECIP. IN LAST 5 DAYS: — WIND ✓

DATE: 7-28-05

STARTING TIME: 1311 FINISHING TIME: 1447

INITIALS: GDS

CALCULATION OF PURGE VOLUME

2" WELL DEPTH: 35.00 - D.T.W. 9.15 = H20 COLUMN: 25.85 CONV.= 12.93

4" WELL DEPTH: _____ - D.T.W. _____ = H20 COLUMN: _____ CONV.= _____

THEREFORE TOTAL PURGE GALLONS EQUALS 2" WELL 13 4" WELL _____

GALLONS

FIELD MEASUREMENTS

TIME	GALLONS REMOVED	pH	CONDUCTIVITY	TEMP.	OBSERVATIONS
1339	1	6.51	469	22.4	CLOUDY BROWN, NO ODOR, SANDY
1351	7	7.23	449	22.3	CLOUDY BROWN, NO ODOR, SANDY
1428	13	7.28	444	21.5	CLOUDY BROWN, NO ODOR, SANDY.

SAMPLING: SAMPLE ANALYSIS: TPH-G ✓ EPA-8260

SAMPLE TIME: 1431 DID WELL GO DRY? No

WATER LEVELS:	
TIME	D.T.W.
1436	1226

NOTES:

BRUNSING ASSOCIATES, INC.
ENVIRONMENTAL DIVISION

WELL SAMPLING

PROJECT: Bertoli

PROJECT NUMBER: 646.008

WELL# MW-5 PRECIP. IN LAST 5 DAYS: — WIND ✓ DATE: 7-28-05

STARTING TIME: 1448 FINISHING TIME: 1519 INITIALS: CDS

CALCULATION OF PURGE VOLUME

2" WELL DEPTH: 19.00 - D.T.W. 7.23 = H20 COLUMN: 11.77 CONV.= 5.89

4" WELL DEPTH: _____ - D.T.W. _____ = H20 COLUMN: _____ CONV.= _____

THEREFORE TOTAL PURGE GALLONS EQUALS 2" WELL 6 4" WELL _____ GALLONS

FIELD MEASUREMENTS

TIME	GALLONS REMOVED	pH	CONDUCTIVITY	TEMP.	OBSERVATIONS
1451	1	7.24	326	22.2	CLEAR, NO ODOR
1457	3	7.00	379	22.3	CLEAR NO ODOR
1501	6	6.79	388	24.0	CLOUDY BROWN, NO ODOR, SANDY

SAMPLING: SAMPLE ANALYSIS: TPH-G | | EPA-8260 | | | |

SAMPLE TIME: 1511 DID WELL GO DRY? NO

WATER LEVELS:	
TIME	D.T.W.
1515	13.73

NOTES:

Brunsing Associates, Inc

FILE COPY

UST Fund Site: X Yes ___ No

FIELD REPORT

JOB NO: 646
INITIAL: CDS
DATE: 7-29-05

PROJECT: Bertoli - 1980 Sebastopol Rd, Santa Rosa, CA
SUBJECT: GROUNDWATER SAMPLING
PROJECT PHASE NUMBER: 04
VEHICLE USED: FORD F-150

Total Time: 9.00
End. Mileage: 410
Beg. Mileage: 175389
TOTAL MILEAGE: 21

TIME	DESCRIPTION OF WORK AND CONVERSATION RECORD
0613	LOAD EQUIPMENT AND SUPPLIES.
0647	TO SITE.
0709	ARRIVE AT SITE, SET-UP FOR GROUNDWATER SAMPLING.
	PERFORMED SAMPLING AT WELLS MW-1, MW-11, MW-12, MW-13,
	MW-16A, MW-16B AND MW-16C)
	STORED PURGEWATER IN DRUMS LOCATED AT THE NORTHEAST
	LIMITS OF THE PROPERTY.
	CLOSED WELLS AND MONUMENTS.
	DECON SAMPLING EQUIPMENT.
	LOAD EQUIPMENT AND SUPPLIES
	COMPLETED FIELD NOTES AND LOGGED SAMPLES ON CHAIN OF CUSTODY.
1424	LEAVE SITE.
1446	ARRIVE AT OFFICE AND STORED SAMPLES.
	UNLOAD EQUIPMENT AND SUPPLIES.
1527	FINISHED WITH WORK.

DRUM COUNT:
Water = 25
Soil =
Devlpmt Water =
Decon Water =

Brunsing Associates, Inc.

BRUNSING ASSOCIATES, INC.
ENVIRONMENTAL DIVISION

WELL SAMPLING

SHEET 2 OF 8

PROJECT: Bertoli

PROJECT NUMBER: 646.008

WELL# MW-1 PRECIP. IN LAST 5 DAYS: — WIND ✓ DATE: 7-29-05

STARTING TIME: 0955 FINISHING TIME: 1116 INITIALS: GDS

CALCULATION OF PURGE VOLUME

2" WELL DEPTH: 27.00 - D.T.W. 8.16 = H20 COLUMN: 18.84 CONV.= 9.42

4" WELL DEPTH: _____ - D.T.W. _____ = H20 COLUMN: _____ CONV.= _____

THEREFORE TOTAL PURGE GALLONS EQUALS 2" WELL 9 4" WELL _____

GALLONS

FIELD MEASUREMENTS

TIME	GALLONS REMOVED	pH	CONDUCTIVITY	TEMP.	OBSERVATIONS
1026	1	7.26	624	18.8	CLEAR, PHC ODOR, SHEEN
1034	5	7.39	557	18.8	TURBID GREY-BLACK, PHC ODOR, SHEEN,
					SEDIMENT
1044	9	7.06	580	18.8	TURBID GREY-BLACK, PHC ODOR, SHEEN,
					SEDIMENT.

SAMPLING: SAMPLE ANALYSIS: TPH-G | | EPA-8260 | | | |

SAMPLE TIME: 1057 DID WELL GO DRY? NO

WATER LEVELS:	
TIME	D.T.W.
1104	8.53

NOTES:

BRUNSING ASSOCIATES, INC.
ENVIRONMENTAL DIVISION

WELL SAMPLING

PROJECT: Bertoli

PROJECT NUMBER: 646.008

WELL# MW-11 PRECIP. IN LAST 5 DAYS: — WIND ✓ DATE: 7-29-08

STARTING TIME: 0805 FINISHING TIME: 0850 INITIALS: CDS

CALCULATION OF PURGE VOLUME

2" WELL DEPTH: 25.00 - D.T.W. 9.24 = H20 COLUMN: 15.76 CONV.= 7.88

4" WELL DEPTH: ____ - D.T.W. ____ = H20 COLUMN: ____ CONV.= ____

THEREFORE TOTAL PURGE GALLONS EQUALS 2" WELL 8 4" WELL ____ GALLONS

FIELD MEASUREMENTS

TIME	GALLONS REMOVED	pH	CONDUCTIVITY	TEMP.	OBSERVATIONS
0816	1	7.11	417	16.9	CLOUDY BROWN, NO ODOR, SANDY
0822	4	7.31	413	17.4	CLOUDY BROWN, NO ODOR, SANDY
0829	8	7.28	410	17.5	CLOUDY BROWN, NO ODOR, SANDY

SAMPLING: SAMPLE ANALYSIS: TPH-G | | EPA-8260 | | | |

SAMPLE TIME: 0839 DID WELL GO DRY? No

WATER LEVELS:	
TIME	D.T.W.
0841	9.91

NOTES:

BRUNSING ASSOCIATES, INC.
ENVIRONMENTAL DIVISION

WELL SAMPLING

SHEET 4 OF 8

PROJECT: Bertoli

PROJECT NUMBER: 646.008

WELL# MW-12 PRECIP. IN LAST 5 DAYS: — WIND ✓

DATE: 7-29-05

STARTING TIME: 0710 FINISHING TIME: 0904

INITIALS: CPS

CALCULATION OF PURGE VOLUME

2" WELL DEPTH: [ ] - D.T.W. [ ] = H20 COLUMN: [ ] CONV.= [ ]

4" WELL DEPTH: [15.00] - D.T.W. [7.39] = H20 COLUMN: [7.61] CONV.= [15.22]

THEREFORE TOTAL PURGE GALLONS EQUALS 2" WELL [ ] 4" WELL [15]

GALLONS

FIELD MEASUREMENTS

TIME	GALLONS REMOVED	p H	CONDUCTIVITY	TEMP.	OBSERVATIONS
0728	1	6.70	408	17.6	CLEAR, NO ODOR
0731	4	6.48	391	18.0	CLEAR, NO ODOR
0735	8	6.58	365	18.0	CLOUDY BROWN, NO ODOR, SANDY
	12				
0739	15	6.68	346	17.8	CLOUDY BROWN, NO ODOR, SANDY

SAMPLING: SAMPLE ANALYSIS: TPH-G | EPA-8260 | | |

SAMPLE TIME: 0748 DID WELL GO DRY? NO

WATER LEVELS:	
TIME	D.T.W.
0952	9.83

NOTES:

BRUNSING ASSOCIATES, INC.
ENVIRONMENTAL DIVISION

WELL SAMPLING

SHEET 5 OF 8

PROJECT: Bertoli

PROJECT NUMBER: 646.008

WELL# MW-13 PRECIP. IN LAST 5 DAYS: — WIND ✓ DATE: 7-29-05

STARTING TIME: 0851 FINISHING TIME: 0954 INITIALS: CDS

CALCULATION OF PURGE VOLUME

2" WELL DEPTH: [ ] - D.T.W. [ ] = H20 COLUMN: [ ] CONV.= [ ]

4" WELL DEPTH: [17.00] - D.T.W. [7.91] = H20 COLUMN: [9.09] CONV.= [18.18]

THEREFORE TOTAL PURGE GALLONS EQUALS 2" WELL [ ] 4" WELL [18] GALLONS

FIELD MEASUREMENTS

TIME	GALLONS REMOVED	pH	CONDUCTIVITY	TEMP.	OBSERVATIONS
0914	1	7.24	536	16.3	CLEAR, NO ODOR
0923	9	7.13	519	16.2	TURBID BROWN, NO ODOR, SANDY
0928	18	7.06	509	16.3	TURBID BROWN, NO ODOR, SANDY

SAMPLING: SAMPLE ANALYSIS: TPH-G | | EPA-8260 | | | |

SAMPLE TIME: 0936 DID WELL GO DRY? NO

WATER LEVELS:	
TIME	D.T.W.
0940	14.60

NOTES:

WELL SAMPLING

PROJECT: Bertoli - 1980 Sebastopol Rd, Santa Rosa, CA PROJECT NUMBER: 646

WELL # MW-16A PRECIP. IN LAST 5 DAYS: — WIND ✓ DATE: 7-29-05

STARTING TIME: 1111 FINISHING TIME: 1154 INITIALS: CDS

CALCULATION OF PURGE VOLUME

1" 2" WELL DEPTH: 14.00 - D.T.W. 7.43 = H20 COLUMN: 6.57 X 0.~~5~~ .12 = 0.79

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

THEREFORE TOTAL PURGE GALLONS EQUALS 1 GALLONS

FIELD MEASUREMENTS

TIME	GALLONS REMOVED	p H	CONDUCTIVITY	TEMP.	OBSERVATIONS
1128	0.25	7.19	863	21.0	TURBID GREEN-BROWN, NO ODOR, SANDY
1131	0.50	6.86	833	20.4	TURBID GREEN-BROWN, NO ODOR, SANDY
1136	1	6.49	810	20.0	TURBID GREEN-BROWN, NO ODOR, SANDY

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

SAMPLE TIME: 1146 DID WELL GO DRY? NO

WATER LEVELS:	
TIME	D.T.W.
1150	10.68

NOTES:

WELL SAMPLING

PROJECT: Bertoli - 1980 Sebastopol Rd, Santa Rosa, CA

PROJECT NUMBER: 646

WELL # MW-16B PRECIP. IN LAST 5 DAYS: — WIND ✓

DATE: 7-29-05

STARTING TIME: 1155 FINISHING TIME: 1252

INITIALS: CDS

CALCULATION OF PURGE VOLUME

1" 2" WELL DEPTH: 29.00 - D.T.W. 7.62 = H20 COLUMN: 21.38 X 0.~~8~~ .12 = 2.57 GALLONS

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

THEREFORE TOTAL PURGE GALLONS EQUALS 3

FIELD MEASUREMENTS

TIME	GALLONS REMOVED	pH	CONDUCTIVITY	TEMP.	OBSERVATIONS
1209	1	6.44	753	21.2	CLEAR, NO ODOR
1215	2	7.40	628	20.6	CLOUDY BROWN, NO ODOR, SANDY
1231	3	7.69	600	20.3	CLOUDY BROWN, NO ODOR, SANDY

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

SAMPLE TIME: 1240 DID WELL GO DRY? No

WATER LEVELS:	
TIME	D.T.W.
1244	8.43

NOTES:

WELL SAMPLING

SHEET 8 OF 8

PROJECT: Bertoli - 1980 Sebastopol Rd, Santa Rosa, CA

PROJECT NUMBER: 646

WELL # MW-16C PRECIP. IN LAST 5 DAYS: — WIND ✓

DATE: 7-29-05

STARTING TIME: 1253 FINISHING TIME: 1403

INITIALS: CDS

CALCULATION OF PURGE VOLUME

1" 2" WELL	DEPTH: 39.00	- D.T.W.	10.20	= H20 COLUMN:	28.80	X 0.~~5~~ .12 =	3.46	GALLONS
4" WELL	DEPTH:	- D.T.W.		= H20 COLUMN:		X 2.0 =		

THEREFORE TOTAL PURGE GALLONS EQUALS 3

FIELD MEASUREMENTS

TIME	GALLONS REMOVED	p H	CONDUCTIVITY	TEMP.	OBSERVATIONS
1320	1	7.77	670	22.0	CLEAR, NO ODOR
1331	2	7.46	668	21.5	CLEAR, NO ODOR
1345	3	7.44	640	20.6	CLEAR, NO ODOR

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

SAMPLE TIME: 1356 DID WELL GO DRY? No

WATER LEVELS:	
TIME	D.T.W.
1400	24.78

NOTES:

Brunsing Associates, Inc

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UST Fund Site: X Yes ____ No

FIELD REPORT

PAGE 1 OF 6

JOB NO: 646
INITIAL: CDS
DATE: 8-1-05

PROJECT: Bertoli - 1980 Sebastopol Rd, Santa Rosa, CA
SUBJECT: GROUNDWATER SAMPLING
PROJECT PHASE NUMBER: 04
VEHICLE USED: FORD F-150

Total Time: ____
End. Mileage: 472
Beg. Mileage: 173452
TOTAL MILEAGE: 20

TIME	DESCRIPTION OF WORK AND CONVERSATION RECORD
0817	LOAD EQUIPMENT AND SUPPLIES.
0856	TO SITE
0916	ARRIVE AT SITE, SET-UP FOR GROUNDWATER SAMPLING
	MEASURED DISTANCE TO WATER AT WELLS MW-2, MW-6,
	MW-7, MW-9 AND MW-10.
	PERFORMED SAMPLING AT WELLS MW-2, MW-6, MW-7,
	MW-9 AND MW-10.
	STORED PURGEWATER IN DRUM SOUTHWEST OF THE UTILITY
	BUILDING ON THE PAPOLA PROPERTY.
	CLOSED WELLS AND MONUMENTS.
	DECON SAMPLING EQUIPMENT.
	LOAD EQUIPMENT AND SUPPLIES.
	COMPLETED FIELD NOTES AND LOGGED SAMPLES ON CHAIN OF CUSTODY
1422	LEAVE SITE.
1449	ARRIVE AT OFFICE. SUBMITTED SAMPLES FOR ANALYSIS.
	UNLOAD EQUIPMENT AND SUPPLIES.
1529	FINISHED WITH WORK

DRUM COUNT:

Water = 2 6
Soil =
Devlpmt Water =
Decon Water =

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ENVIRONMENTAL DIVISION

WELL SAMPLING

SHEET 2 OF 6

PROJECT: Bertoli

PROJECT NUMBER: 646.008

WELL# MW-2 PRECIP. IN LAST 5 DAYS: — WIND ✓ DATE: 8-1-05

STARTING TIME: 0917 FINISHING TIME: 1043 INITIALS: CDS

CALCULATION OF PURGE VOLUME

2" WELL DEPTH: 35.00 - D.T.W. 6.97 = H20 COLUMN: 28.03 CONV.= 14.02

4" WELL DEPTH: - D.T.W. = H20 COLUMN: CONV.=

THEREFORE TOTAL PURGE GALLONS EQUALS 2" WELL 14 4" WELL

GALLONS

FIELD MEASUREMENTS

TIME	GALLONS REMOVED	p H	CONDUCTIVITY	TEMP.	OBSERVATIONS
0940	1	6.87	485	19.6	CLOUDY BROWN, PHC ODOR, SHEEN, SEDIMENT,
0949	7	7.25	420	19.6	CLOUDY BROWN, PHC ODOR, SHEEN, SANDY
0959	14	6.96	409	20.1	CLOUDY BROWN, PHC ODOR, SHEEN, SANDY

SAMPLING: SAMPLE ANALYSIS: TPH-G | | EPA-8260 | | | |

SAMPLE TIME: 1014 DID WELL GO DRY? No

WATER LEVELS:	
TIME	D.T.W.
0922	6.96
0927	6.97
1020	8.32

NOTES:

BRUNSING ASSOCIATES, INC.
ENVIRONMENTAL DIVISION

WELL SAMPLING

PROJECT: Bertoli

PROJECT NUMBER: 646.008

WELL# MW-6 PRECIP. IN LAST 5 DAYS: —— WIND ✓

DATE: 8-1-05

STARTING TIME: 1146 FINISHING TIME: 1217

INITIALS: CDS

CALCULATION OF PURGE VOLUME

2" WELL DEPTH: 18.00 - D.T.W. 9.02 = H20 COLUMN: 8.98 CONV.= 4.49

4" WELL DEPTH: ____ - D.T.W. ____ = H20 COLUMN: ____ CONV.= ____

THEREFORE TOTAL PURGE GALLONS EQUALS 2" WELL 5 4" WELL ____

GALLONS

FIELD MEASUREMENTS

TIME	GALLONS REMOVED	pH	CONDUCTIVITY	TEMP.	OBSERVATIONS
1152	1	7.48	472	21.0	CLOUDY BROWN, PHC ODOR, SANDY
1156	3	7.20	450	21.4	CLOUDY BROWN, PHC ODOR, SANDY
1159	5	6.86	451	21.4	TURBID BROWN, PHC ODOR, SANDY

SAMPLING: SAMPLE ANALYSIS: TPH-G | EPA-8260 | | |

SAMPLE TIME: 1213 DID WELL GO DRY? NO

WATER LEVELS:	
TIME	D.T.W.
1136	9.01
1142	9.02
1217	9.30

NOTES:

BRUNSING ASSOCIATES, INC.
ENVIRONMENTAL DIVISION

WELL SAMPLING

PROJECT: Bertoli

PROJECT NUMBER: 646.008

WELL# MW-7 PRECIP. IN LAST 5 DAYS: — WIND — DATE: 8-1-05

STARTING TIME: 1044 FINISHING TIME: 1145 INITIALS: CDS

CALCULATION OF PURGE VOLUME

2" WELL DEPTH: ~~17.00~~ 14.00 (13.84) - D.T.W. 8.51 = H20 COLUMN: 5.49 CONV.= 2.75

4" WELL DEPTH: - D.T.W. = H20 COLUMN: CONV.=

THEREFORE TOTAL PURGE GALLONS EQUALS 2" WELL 3 4" WELL

GALLONS

FIELD MEASUREMENTS

TIME	GALLONS REMOVED	p H	CONDUCTIVITY	TEMP.	OBSERVATIONS
1123	1	7.59	512	22.1	TURBID LIGHT BROWN, NO ODOR, SANDY
1125	2	7.33	480	21.5	TURBID BROWN, NO ODOR, SANDY
1128	3	7.16	456	21.0	TURBID BROWN, NO ODOR, SANDY

SAMPLING: SAMPLE ANALYSIS: TPH-G | EPA-8260

SAMPLE TIME: 1136 DID WELL GO DRY? No

WATER LEVELS:	
TIME	D.T.W.
1112	8.51
1118	8.51
1140	12.63

NOTES:

SLOW RECOVERY

BRUNSING ASSOCIATES, INC.
ENVIRONMENTAL DIVISION

WELL SAMPLING

SHEET 5 OF 6

PROJECT: Bertoli

PROJECT NUMBER: 646.008

WELL# MW-9 PRECIP. IN LAST 5 DAYS: — WIND ✓

DATE: 8-1-05

STARTING TIME: 1313 FINISHING TIME: 1401

INITIALS: CDS

CALCULATION OF PURGE VOLUME

2" WELL DEPTH: 22.00 - D.T.W. 11.17 = H20 COLUMN: 10.83 CONV.= 5.42

4" WELL DEPTH: _____ - D.T.W. _____ = H20 COLUMN: _____ CONV.= _____

THEREFORE TOTAL PURGE GALLONS EQUALS 2" WELL 5 4" WELL _____

GALLONS

FIELD MEASUREMENTS

TIME	GALLONS REMOVED	pH	CONDUCTIVITY	TEMP.	OBSERVATIONS
1324	1	7.45	400	20.1	CLEAR, NO ODOR
1327	3	6.94	347	22.2	CLEAR, NO ODOR
1332	5	6.85	365	18.5	CLEAR, NO ODOR

SAMPLING: SAMPLE ANALYSIS: TPH-G | | EPA-8260 | | |

SAMPLE TIME: 1351 DID WELL GO DRY? NO

WATER LEVELS:	
TIME	D.T.W.
1314	11.18
1320	11.17
1355	13.22

NOTES:

BRUNSING ASSOCIATES, INC.
ENVIRONMENTAL DIVISION

WELL SAMPLING

SHEET 6 OF 6

PROJECT: Bertoli

PROJECT NUMBER: 646.008

WELL# MW-10 PRECIP. IN LAST 5 DAYS: — WIND ✓

DATE: 8-1-05

STARTING TIME: 1220 FINISHING TIME: 1312

INITIALS: CDS

CALCULATION OF PURGE VOLUME

2" WELL DEPTH: 24.00 - D.T.W. 10.77 = H20 COLUMN: 13.23 CONV.= 6.62

4" WELL DEPTH: - D.T.W. = H20 COLUMN: CONV.=

THEREFORE TOTAL PURGE GALLONS EQUALS 2" WELL 7 4" WELL

GALLONS

FIELD MEASUREMENTS

TIME	GALLONS REMOVED	pH	CONDUCTIVITY	TEMP.	OBSERVATIONS
1240	1	7.18	483	22.0	CLEAR, NO ODOR
1246	4	6.80	520	19.1	CLOUDY BROWN, NO ODOR, SANDY
1251	7	6.83	493	18.7	CLOUDY BROWN, NO ODOR, SANDY

SAMPLING: SAMPLE ANALYSIS: TPH-G | | EPA-8260 | | | |

SAMPLE TIME: 1302 DID WELL GO DRY? NO

WATER LEVELS:	
TIME	D.T.W.
1220	10.76
1227	10.77
1306	22.97

NOTES:

SLOW RECOVERY

Brunsing Associates, Inc

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UST Fund Site: X Yes ___ No

FIELD REPORT

JOB NO: 646
INITIAL: CDS
DATE: 10-7-05

PROJECT: Bertoli - 1980 Sebastopol Rd, Santa Rosa, CA
SUBJECT: GROUNDWATER SAMPLING
PROJECT PHASE NUMBER: 04
VEHICLE USED: FORD F-150

Total Time: 10.25
End. Mileage: 75
Beg. Mileage: 175054
TOTAL MILEAGE: 21

TIME	DESCRIPTION OF WORK AND CONVERSATION RECORD:
0617	LOAD EQUIPMENT AND SUPPLIES.
0657	TO SITE.
0714	ARRIVE AT SITE. SET-UP FOR GROUNDWATER SAMPLING.
	MEASURED TWO ROUNDS OF DISTANCE TO WATER AT WELLS
	MW-1, MW-2, MW-4, MW-5, MW-6, MW-7, MW-9, MW-10,
	MW-11, MW-12, MW-13, MW-16A, MW-16B AND MW-16C.
	WELL MW-3 IS BURIED UNDER TRENCH SPOILS AND MW-15
	COULD NOT BE LOCATED.
	WITH GENE (BAI) SAMPLED ALL WELLS LISTED ABOVE WITH
	THE EXCEPTION OF MW-3 AND MW-15.
	STORED PURGEWATER IN DRUM LOCATED SOUTH AND ADJACENT
	TO GWE-1.
	CLOSED WELLS AND MONUMENTS
	DECON SAMPLING EQUIPMENT.
	LOAD EQUIPMENT AND SUPPLIES.
	COMPLETED FIELD NOTES AND LOGGED SAMPLES ON CHAIN OF CUSTODY.
1546	LEAVE SITE.
1611	ARRIVE AT OFFICE SUBMITTED SAMPLES FOR ANALYSIS.
	UNLOAD EQUIPMENT AND SUPPLIES
1651	FINISHED WITH WORK

DRUM COUNT:
Water = 26
Soil =
Devlpmt Water =
Decon Water =

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UST Fund Site: _____Yes _____No

FIELD REPORT

PAGE _____ OF _____

JOB NO: 646

INITIAL: EJ

DATE: 10/7/05

PROJECT: Bertoli - 1980 Sebastopol Rd, Santa Rosa, CA

SUBJECT: GW Sample

PROJECT PHASE NUMBER:

VEHICLE USED: 2003 Chevy

Total Time: _____

End. Mileage: _____

Beg. Mileage: _____

TOTAL MILEAGE:

TIME	DESCRIPTION OF WORK AND CONVERSATION RECORD:
925	Arrived on site
	Started GW sampling on wells # MW-1, 2, 16A, 16B
	and 16C + MW-10
	Closed all wells
	Deconed Equipment
	Secured Drums
1540	Departed site

DRUM COUNT:

Water = Devlpmt Water =

Soil = Decon Water =

Brunsing Associates, Inc.

WATER LEVELS

PROJECT: Bertoli - 1980 Sebastopol Rd, Santa Rosa, CA PROJECT NUMBER: 646

INSTRUMENT TYPE: HERON INTERFACE INITIALS: CDS DATE: 10-7-05

WELL NUMBER	DEPTH TO PRODUCT	DISTANCE TO WATER	TIME (24 HOUR)	EQUILIBRATED (CHECK FOR YES)	NOTES
MW-1	Ø	9.90	0815		
MW-2	Ø	8.97	0821		
MW-3	—	—	—	—	BURIED UNDER SOIL STOCKPILE
MW-4	Ø	11.22	0813		
MW-5	Ø	9.37	0823		
MW-6	Ø	10.63	0845		
MW-7	Ø	10.11	0844		
MW-9	Ø	12.78	0842		
MW-10	Ø	12.48	0840		
MW-11	Ø	11.41	0809		
MW-12	Ø	9.40	0811		
MW-13	Ø	9.53	0807		
MW-15	—	—	—	—	COULD NOT LOCATE
MW-16A	Ø	9.07	0817		
MW-16B	Ø	9.44	0818		
MW-16C	Ø	11.68	0819		

WATER LEVELS

PROJECT: Bertoli - 1980 Sebastopol Rd, Santa Rosa, CA PROJECT NUMBER: 646

INSTRUMENT TYPE: HERON INTERFACE INITIALS: CDS DATE: 10-7-05

WELL NUMBER	DEPTH TO PRODUCT	DISTANCE TO WATER	TIME (24 HOUR)	EQUILIBRATED (CHECK FOR YES)	NOTES
MW-1	Ø	9.90	0902	✓	
MW-2	Ø	8.97	0907	✓	
MW-3	—	—	—	—	
MW-4	Ø	11.22	0900	✓	
MW-5	Ø	9.37	0908	✓	
MW-6	Ø	10.63	0852	✓	
MW-7	Ø	10.11	0850	✓	
MW-9	Ø	12.79	0849	✓	
MW-10	Ø	12.48	0847	✓	
MW-11	Ø	11.42	0856	✓	
MW-12	Ø	9.39	0858	✓	
MW-13	Ø	9.52	0854	✓	
MW-15	—	—	—	—	
MW-16A	Ø	9.08	0903	✓	
MW-16B	Ø	9.45	0904	✓	
MW-16C	Ø	11.69	0905	✓	

BRUNSING ASSOCIATES, INC.
ENVIRONMENTAL DIVISION

WELL SAMPLING

PROJECT: Bertoli

PROJECT NUMBER: 646.008

WELL# MW-1 PRECIP. IN LAST 5 DAYS: No WIND Yes DATE: 10/7/05

STARTING TIME: 1014 FINISHING TIME: 1052 INITIALS: EJ

CALCULATION OF PURGE VOLUME

2" WELL DEPTH: 27.00 - D.T.W. 9.90 = H20 COLUMN: 17.10 CONV.= 8.55

4" WELL DEPTH: - D.T.W. = H20 COLUMN: CONV.=

THEREFORE TOTAL PURGE GALLONS EQUALS 2" WELL 9 4" WELL

GALLONS

FIELD MEASUREMENTS

TIME	GALLONS REMOVED	pH	CONDUCTIVITY	TEMP.	OBSERVATIONS
			~~482~~	~~20.4~~	
1017	1	7.13	482	20.4	organic odor, sandy, light gray
1025	5	7.12	458	20.4	organic odor, sandy, light gray
1033	9	7.18	461	20.3	organic odor, sandy, Dark gray

SAMPLING: SAMPLE ANALYSIS: TPH-G | EPA-8260

SAMPLE TIME: 1040 DID WELL GO DRY? NO

WATER LEVELS:	
TIME	D.T.W.
1052	9.98

NOTES:

BRUNSING ASSOCIATES, INC.
ENVIRONMENTAL DIVISION

WELL SAMPLING

PROJECT: Bertoli

PROJECT NUMBER: 646.008

WELL# MW-2 PRECIP. IN LAST 5 DAYS: No WIND No

DATE: 10/7/05

STARTING TIME: 1105 FINISHING TIME: 1150

INITIALS: EJ

CALCULATION OF PURGE VOLUME

2" WELL DEPTH: 35.00 - D.T.W. 8.97 = H20 COLUMN: 26.03 CONV.= 13.02

4" WELL DEPTH: - D.T.W. = H20 COLUMN: CONV.=

THEREFORE TOTAL PURGE GALLONS EQUALS 2" WELL 13 4" WELL

GALLONS

FIELD MEASUREMENTS

TIME	GALLONS REMOVED	pH	CONDUCTIVITY	TEMP.	OBSERVATIONS
11:11	1	7.31	457	22.5	Fuel odor, light gray, sandy
1122	7	7.35	451	21.7	Fuel odor, light gray, sandy
1133	13	7.56	438	20.3	Fuel odor, light gray, sandy

SAMPLING: SAMPLE ANALYSIS: TPH-G EPA-8260

SAMPLE TIME: 1138 DID WELL GO DRY? NO

WATER LEVELS:	
TIME	D.T.W.
1150	9.43

NOTES:

BRUNSING ASSOCIATES, INC.
ENVIRONMENTAL DIVISION

WELL SAMPLING

SHEET 6 OF 17

PROJECT: Bertoli

PROJECT NUMBER: 646.008

WELL# MW-4 PRECIP. IN LAST 5 DAYS: — WIND ✓

DATE: 10-7-05

STARTING TIME: 1132 FINISHING TIME: 1236

INITIALS: CDS

CALCULATION OF PURGE VOLUME

2" WELL DEPTH: 35.00 - D.T.W. 11.22 = H20 COLUMN: 23.78 CONV.= 11.89

4" WELL DEPTH: _____ - D.T.W. _____ = H20 COLUMN: _____ CONV.= _____

THEREFORE TOTAL PURGE GALLONS EQUALS 2" WELL 12 4" WELL _____

GALLONS

FIELD MEASUREMENTS

TIME	GALLONS REMOVED	pH	CONDUCTIVITY	TEMP.	OBSERVATIONS
1142	1	7.28	354	21.2	CLOUDY BROWN, NO ODOR, SILTY / SANDY
1159	6	7.03	355	20.0	CLOUDY BROWN, NO ODOR, SILTY / SANDY
1211	12	7.21	357	19.7	CLOUDY BROWN, NO ODOR, SILTY / SANDY

SAMPLING: SAMPLE ANALYSIS: TPH-G | EPA-8260 | | |

SAMPLE TIME: 1221 DID WELL GO DRY? NO

WATER LEVELS:	
TIME	D.T.W.
1225	15.49

NOTES:

BRUNSING ASSOCIATES, INC.
ENVIRONMENTAL DIVISION

WELL SAMPLING

SHEET 7 OF 17

PROJECT: Bertoli

PROJECT NUMBER: 646.008

WELL# MW-5 PRECIP. IN LAST 5 DAYS: — WIND ✓

DATE: 10-7-05

STARTING TIME: 1055 FINISHING TIME: 1131

INITIALS: CPS

CALCULATION OF PURGE VOLUME

2" WELL DEPTH: 19.00 - D.T.W. 9.37 = H20 COLUMN: 9.63 CONV.= 4.82

4" WELL DEPTH: - D.T.W. = H20 COLUMN: CONV.=

THEREFORE TOTAL PURGE GALLONS EQUALS 2" WELL 5 4" WELL

GALLONS

FIELD MEASUREMENTS

TIME	GALLONS REMOVED	pH	CONDUCTIVITY	TEMP.	OBSERVATIONS
1109	1	6.91	309	20.6	CLEAR, NO ODOR
1114	3	6.91	335	20.7	CLOUDY BROWN, NO ODOR, SANDY
1117	5	6.93	339	20.1	CLOUDY BROWN, NO ODOR, SANDY

SAMPLING: SAMPLE ANALYSIS: TPH-G | | EPA-8260 | | | |

SAMPLE TIME: 1126 DID WELL GO DRY? No

WATER LEVELS:	
TIME	D.T.W.
1129	18.90

NOTES:

BRUNSING ASSOCIATES, INC.
ENVIRONMENTAL DIVISION

WELL SAMPLING

PROJECT: Bertoli

PROJECT NUMBER: 646.008

WELL# MW-6 PRECIP. IN LAST 5 DAYS: — WIND ✓ DATE: 10-7-05

STARTING TIME: 1414 FINISHING TIME: 1453 INITIALS: CDS

CALCULATION OF PURGE VOLUME

2" WELL DEPTH: 18.00 - D.T.W. 10.63 = H20 COLUMN: 7.37 CONV.= 3.69

4" WELL DEPTH: _____ - D.T.W. _____ = H20 COLUMN: _____ CONV.= _____

THEREFORE TOTAL PURGE GALLONS EQUALS 2" WELL 4 4" WELL _____

GALLONS

FIELD MEASUREMENTS

TIME	GALLONS REMOVED	pH	CONDUCTIVITY	TEMP.	OBSERVATIONS
1425	1	7.28	580	21.6	CLEAR ORANGE-BROWN, NO ODOR, SEDIMENT
1429	2.5	7.10	377	22.0	CLEAR, PHC ODOR
1438	4	7.06	373	21.0	CLEAR, NO ODOR

SAMPLING: SAMPLE ANALYSIS: TPH-G | EPA-8260 | | |

SAMPLE TIME: 1446 DID WELL GO DRY? No

WATER LEVELS:	
TIME	D.T.W.
1449	10.82

NOTES:

222-0380

BRUNSING ASSOCIATES, INC.
ENVIRONMENTAL DIVISION

WELL SAMPLING

PROJECT: Bertoli

PROJECT NUMBER: 646.008

WELL# MW-7 PRECIP. IN LAST 5 DAYS: — WIND ✓ DATE: 10-7-05

STARTING TIME: 1347 FINISHING TIME: 1520 INITIALS: CDS

CALCULATION OF PURGE VOLUME

2" WELL DEPTH: ~~17.00~~ 14.00 - D.T.W. 10.11 = H20 COLUMN: 3.89 CONV.= 1.95

4" WELL DEPTH: - D.T.W. = H20 COLUMN: CONV.=

THEREFORE TOTAL PURGE GALLONS EQUALS 2" WELL 7 4" WELL

GALLONS

FIELD MEASUREMENTS

TIME	GALLONS REMOVED	pH	CONDUCTIVITY	TEMP.	OBSERVATIONS
1408	0.50	7.59	372	23.4	CLOUDY BROWN, NO ODOR, SILTY/SANDY
1410	1	7.46	364	23.0	CLOUDY BROWN, NO ODOR, SILTY/SANDY
1413	1.25	7.41	358	22.2	CLOUDY BROWN, NO ODOR, SILTY/SANDY

SAMPLING: SAMPLE ANALYSIS: TPH-G EPA-8260

SAMPLE TIME: 1518 DID WELL GO DRY? YES

WATER LEVELS:

TIME	D.T.W.
1414	13.21
1513	10.11
1520	10.65

NOTES:

BRUNSING ASSOCIATES, INC.
ENVIRONMENTAL DIVISION

WELL SAMPLING

SHEET 10 OF 17

PROJECT: Bertoli

PROJECT NUMBER: 646.008

WELL# MW-9 PRECIP. IN LAST 5 DAYS: — WIND ✓ DATE: 10-7-05

STARTING TIME: 1454 FINISHING TIME: INITIALS: CDS

CALCULATION OF PURGE VOLUME

2" WELL DEPTH: 22.00 - D.T.W. 12.79 = H20 COLUMN: 9.21 CONV.= 4.61

4" WELL DEPTH: - D.T.W. = H20 COLUMN: CONV.=

THEREFORE TOTAL PURGE GALLONS EQUALS 2" WELL 5 4" WELL

GALLONS

FIELD MEASUREMENTS

TIME	GALLONS REMOVED	p H	CONDUCTIVITY	TEMP.	OBSERVATIONS
1505	1	7.32	300	20.8	CLEAR, NO ODOR
1510	3	7.04	302	19.4	CLEAR, NO ODOR
1516	5	7.03	301	18.5	CLEAR, NO ODOR

SAMPLING: SAMPLE ANALYSIS: TPH-G | EPA-8260

SAMPLE TIME: 1526 DID WELL GO DRY? NO

WATER LEVELS:	
TIME	D.T.W.
1530	15.15

NOTES:

BRUNSING ASSOCIATES, INC.
ENVIRONMENTAL DIVISION

WELL SAMPLING

PROJECT: Bertoli

PROJECT NUMBER: 646.008

WELL# MW-10 PRECIP. IN LAST 5 DAYS: NO WIND yes DATE: 10/7/05

STARTING TIME: 1502 FINISHING TIME: 1525 INITIALS: EJ

CALCULATION OF PURGE VOLUME

2" WELL DEPTH: 24.00 - D.T.W. 12.48 = H20 COLUMN: 11.52 CONV.= 5.76

4" WELL DEPTH: - D.T.W. = H20 COLUMN: CONV.=

THEREFORE TOTAL PURGE GALLONS EQUALS 2" WELL 6 4" WELL

GALLONS

FIELD MEASUREMENTS

TIME	GALLONS REMOVED	pH	CONDUCTIVITY	TEMP.	OBSERVATIONS
1506	1	7.69	477	21.5	No odor, clear
1514	3	7.29	495	18.4	No odor, cloudy
1518	6	7.25	461	17.7	No odor, light gray

SAMPLING: SAMPLE ANALYSIS: TPH-G EPA-8260

SAMPLE TIME: 1521 DID WELL GO DRY? NO

WATER LEVELS:	
TIME	D.T.W.
1529	22.75

NOTES:

BRUNSING ASSOCIATES, INC.
ENVIRONMENTAL DIVISION

WELL SAMPLING

PROJECT: Bertoli

PROJECT NUMBER: 646.008

WELL# MW-11 PRECIP. IN LAST 5 DAYS: — WIND ✓

DATE: 10-7-05

STARTING TIME: 1039 FINISHING TIME: 1346

INITIALS: CDS

CALCULATION OF PURGE VOLUME

2" WELL DEPTH: 25.00 - D.T.W. 11.42 = H20 COLUMN: 13.58 CONV.= 6.79

4" WELL DEPTH: - D.T.W. = H20 COLUMN: CONV.=

THEREFORE TOTAL PURGE GALLONS EQUALS 2" WELL 7 4" WELL

GALLONS

FIELD MEASUREMENTS

TIME	GALLONS REMOVED	pH	CONDUCTIVITY	TEMP.	OBSERVATIONS
1042	1	7.48	356	20.7	CLOUDY BROWN, NO ODOR, SILTY/SANDY
1050	2.5	7.15	349	19.7	CLOUDY BROWN, NO ODOR, SANDY
1053	4	7.03	338	19.1	CLOUDY BROWN, NO ODOR, SANDY
	7				

SAMPLING: SAMPLE ANALYSIS: TPH-G | | EPA-8260 | | | |

SAMPLE TIME: 1337 DID WELL GO DRY? YES

WATER LEVELS:	
TIME	D.T.W.
1054	23.33
1154	11.58
1254	11.49
1340	12.76

NOTES:

BRUNSING ASSOCIATES, INC.
ENVIRONMENTAL DIVISION

WELL SAMPLING

PROJECT: Bertoli

PROJECT NUMBER: 646.008

WELL# MW-12 PRECIP. IN LAST 5 DAYS: — WIND —

DATE: 10-7-05

STARTING TIME: 1255 FINISHING TIME: 1329

INITIALS: CDS

CALCULATION OF PURGE VOLUME

2" WELL DEPTH: [ ] - D.T.W. [ ] = H20 COLUMN: [ ] CONV.= [ ]

4" WELL DEPTH: 15.00 - D.T.W. 9.39 = H20 COLUMN: 5.61 CONV.= 11.22

THEREFORE TOTAL PURGE GALLONS EQUALS 2" WELL [ ] 4" WELL 11

GALLONS

FIELD MEASUREMENTS

TIME	GALLONS REMOVED	p H	CONDUCTIVITY	TEMP.	OBSERVATIONS
1305	1	7.24	298	25.1	CLEAR, NO ODOR
1308	5	7.20	295	22.3	TURBID LIGHT BROWN, NO ODOR, SILTY/SANDY
1313	11	7.04	292	20.4	TURBID LIGHT BROWN, NO ODOR, SILTY/SANDY

SAMPLING: SAMPLE ANALYSIS: TPH-G | | EPA-8260 | | | |

SAMPLE TIME: 1317 DID WELL GO DRY? NO

WATER LEVELS:	
TIME	D.T.W.
1320	11.58

NOTES:

BRUNSING ASSOCIATES, INC.
ENVIRONMENTAL DIVISION

WELL SAMPLING

PROJECT: Bertoli

PROJECT NUMBER: 646.008

WELL# MW-13 PRECIP. IN LAST 5 DAYS: — WIND ✓

DATE: 10-7-05

STARTING TIME: 0909 FINISHING TIME: 1038

INITIALS: ADS

CALCULATION OF PURGE VOLUME

2" WELL DEPTH: [ ] - D.T.W. [ ] = H20 COLUMN: [ ] CONV.= [ ]

4" WELL DEPTH: 17.00 - D.T.W. 9.52 = H20 COLUMN: 7.48 CONV.= 14.96

THEREFORE TOTAL PURGE GALLONS EQUALS 2" WELL [ ] 4" WELL 15

GALLONS

FIELD MEASUREMENTS

TIME	GALLONS REMOVED	pH	CONDUCTIVITY	TEMP.	OBSERVATIONS
1006	1	7.38	426	19.7	CLEAR, NO ODOR
1008	4	7.22	421	18.2	CLOUDY BROWN, NO ODOR, SILTY/SANDY
1010	7	7.09	416	17.3	TURBID LIGHT BROWN, NO ODOR, SILTY/SANDY
1013	12	7.14	411	16.8	TURBID LIGHT BROWN, NO ODOR, SILTY/SANDY
1016	15	7.15	404	16.7	TURBID LIGHT BROWN, NO ODOR, SILTY/SANDY

SAMPLING: SAMPLE ANALYSIS: TPH-G [ ] EPA-8260 [ ] [ ] [ ]

SAMPLE TIME: 1025 DID WELL GO DRY? NO

WATER LEVELS:

TIME	D.T.W.
1028	11.93

NOTES:

WELL SAMPLING

PROJECT: Bertoli - 1980 Sebastopol Rd, Santa Rosa, CA PROJECT NUMBER: 646

WELL # MW-16A PRECIP. IN LAST 5 DAYS: NO WIND NO DATE: 10/7/05

STARTING TIME: 1151 FINISHING TIME: 1222 INITIALS: EJ

CALCULATION OF PURGE VOLUME

2" WELL DEPTH: 14.00 - D.T.W. 9.08 = H20 COLUMN: 4.92 X 0.~~5~~ .12 = 0.59 GALLONS

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

THEREFORE TOTAL PURGE GALLONS EQUALS 1

FIELD MEASUREMENTS

TIME	GALLONS REMOVED	pH	CONDUCTIVITY	TEMP.	OBSERVATIONS
1159	0.25	7.23	645	21.8	organic odor, Heavy silt, Dark Brown
1204	0.50	7.17	655	20.8	organic odor, Heavy silt, Dark Brown
1208	1	7.14	653	20.6	organic odor, Heavy silt, Dark Brown

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

SAMPLE TIME: 1214 DID WELL GO DRY? NO

WATER LEVELS:	
TIME	D.T.W.
1222	10.83

NOTES:

WELL SAMPLING

PROJECT: Bertoli - 1980 Sebastopol Rd, Santa Rosa, CA

PROJECT NUMBER: 646

WELL # MW-16B PRECIP. IN LAST 5 DAYS: NO WIND NO

DATE: 10/7/05

STARTING TIME: 1224 FINISHING TIME: 1328

INITIALS: SC

CALCULATION OF PURGE VOLUME

2" WELL DEPTH: 29.00 - D.T.W. 9.45 = H20 COLUMN: 19.55 X 0.~~5~~ .12 = 2.35 GALLONS

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

THEREFORE TOTAL PURGE GALLONS EQUALS 2

FIELD MEASUREMENTS

TIME	GALLONS REMOVED	p H	CONDUCTIVITY	TEMP.	OBSERVATIONS
1306	0.25	7.71	502	22.1	Clear, No odor
1313	1	7.42	570	20.1	Clear, No odor
1317	2	7.45	573	20.1	clear, No odor

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

SAMPLE TIME: 1320 DID WELL GO DRY? NO

WATER LEVELS:	
TIME	D.T.W.
1325	9.45

NOTES:

WELL SAMPLING

PROJECT: Bertoli - 1980 Sebastopol Rd, Santa Rosa, CA PROJECT NUMBER: 646

WELL # MW-16C PRECIP. IN LAST 5 DAYS: NO WIND Yes DATE: 10/7/05

STARTING TIME: 1330 FINISHING TIME: 1421 INITIALS: EJL

CALCULATION OF PURGE VOLUME

2" WELL DEPTH: 39.00 - D.T.W. 11.69 = H20 COLUMN: 27.31 X 0.~~8~~ .12 = 3.27

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

THEREFORE TOTAL PURGE GALLONS EQUALS 3 GALLONS

FIELD MEASUREMENTS

TIME	GALLONS REMOVED	p H	CONDUCTIVITY	TEMP.	OBSERVATIONS
1345	1	7.97	587	20.8	Clear, No odor
1400	2	7.89	575	19.9	gray, No odor
1410	3	7.68	565	19.7	gray, No odor

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

SAMPLE TIME: 1415 DID WELL GO DRY? No

WATER LEVELS:	
TIME	D.T.W.
1421	15.32

NOTES:

APPENDIX C

Analytical Laboratory Reports

Laboratory Report Project Overview

EDF 1.2a

Laboratory:	Bace Analytical, Windsor, CA
Lab Report Number:	4613
Project Name:	1980 SEBASTOPOL ROAD
Work Order Number:	646
Control Sheet Number:	NA

FILE COPY

Report Summary

Labreport	Sampid	Labsampid	Mtrx	QC	Anmcode	Exmcode	Logdate	Extdate	Anadate	Labiotctl	Run Sub
4613	MW-1	4613-1	W	CS	8260FAB	SW5030B	07/29/2005	08/07/2005	08/07/2005	20050807B	10
4613	MW-1	4613-1	W	CS	8260TPH	SW5030B	07/29/2005	08/07/2005	08/07/2005	20050807B	10
4613	MW-10	4613-8	W	CS	8260FAB	SW5030B	08/01/2005	08/07/2005	08/07/2005	20050807B	21
4613	MW-10	4613-8	W	CS	8260TPH	SW5030B	08/01/2005	08/07/2005	08/07/2005	20050807B	21
4613	MW-11	4613-9	W	CS	8260FAB	SW5030B	07/29/2005	08/07/2005	08/07/2005	20050807B	22
4613	MW-11	4613-9	W	CS	8260TPH	SW5030B	07/29/2005	08/07/2005	08/07/2005	20050807B	22
4613	MW-12	4613-10	W	CS	8260FAB	SW5030B	07/29/2005	08/07/2005	08/07/2005	20050807B	23
4613	MW-12	4613-10	W	CS	8260TPH	SW5030B	07/29/2005	08/07/2005	08/07/2005	20050807B	23
4613	MW-13	4613-11	W	CS	8260FAB	SW5030B	07/29/2005	08/07/2005	08/07/2005	20050807B	24
4613	MW-13	4613-11	W	CS	8260TPH	SW5030B	07/29/2005	08/07/2005	08/07/2005	20050807B	24
4613	MW-16A	4613-12	W	CS	8260FAB	SW5030B	07/29/2005	08/07/2005	08/07/2005	20050807B	25
4613	MW-16A	4613-12	W	CS	8260TPH	SW5030B	07/29/2005	08/07/2005	08/07/2005	20050807B	25
4613	MW-16B	4613-13	W	CS	8260FAB	SW5030B	07/29/2005	08/07/2005	08/07/2005	20050807B	26
4613	MW-16B	4613-13	W	CS	8260TPH	SW5030B	07/29/2005	08/07/2005	08/07/2005	20050807B	26
4613	MW-16C	4613-14	W	CS	8260FAB	SW5030B	07/29/2005	08/07/2005	08/07/2005	20050807B	27
4613	MW-16C	4613-14	W	CS	8260TPH	SW5030B	07/29/2005	08/07/2005	08/07/2005	20050807B	27
4613	MW-2	4613-2	W	CS	8260FAB	SW5030B	08/01/2005	08/07/2005	08/07/2005	20050807B	11
4613	MW-2	4613-2	W	CS	8260TPH	SW5030B	08/01/2005	08/07/2005	08/07/2005	20050807B	11
4613	MW-4	4613-3	W	CS	8260FAB	SW5030B	07/28/2005	08/07/2005	08/07/2005	20050807B	12
4613	MW-4	4613-3	W	CS	8260TPH	SW5030B	07/28/200	08/07/200	08/07/200	20050807B	12

Report Summary

Labreport	Sampid	Labsampid	Mtrx	QC	Anmcode	Exmcode	Logdate	Extdate	Anadate	Lablotctl	Run Sub
4613	MW-5	4613-4	W	CS	8260FAB	SW5030B	07/28/2005	08/07/2005	08/07/2005	20050807B	13
4613	MW-5	4613-4	W	CS	8260TPH	SW5030B	07/28/2005	08/07/2005	08/07/2005	20050807B	13
4613	MW-6	4613-5	W	CS	8260FAB	SW5030B	08/01/2005	08/07/2005	08/07/2005	20050807B	16
4613	MW-6	4613-5	W	CS	8260TPH	SW5030B	08/01/2005	08/07/2005	08/07/2005	20050807B	16
4613	MW-7	4613-6	W	CS	8260FAB	SW5030B	08/01/2005	08/07/2005	08/07/2005	20050807B	19
4613	MW-7	4613-6	W	CS	8260TPH	SW5030B	08/01/2005	08/07/2005	08/07/2005	20050807B	19
4613	MW-9	4613-7	W	CS	8260FAB	SW5030B	08/01/2005	08/07/2005	08/07/2005	20050807B	20
4613	MW-9	4613-7	W	CS	8260TPH	SW5030B	08/01/2005	08/07/2005	08/07/2005	20050807B	20
		4613MB	W	LB1	8260FAB	SW5030B	/ /	08/07/2005	08/07/2005	20050807B	3
		4613MB	W	LB1	8260TPH	SW5030B	/ /	08/07/2005	08/07/2005	20050807B	3
		4613MS	W	MS1	8260FAB	SW5030B	/ /	08/07/2005	08/07/2005	20050807B	14
		4613MS	W	MS1	8260TPH	SW5030B	/ /	08/07/2005	08/07/2005	20050807B	17
		4613SD	W	SD1	8260FAB	SW5030B	/ /	08/07/2005	08/07/2005	20050807B	15
		4613SD	W	SD1	8260TPH	SW5030B	/ /	08/07/2005	08/07/2005	20050807B	18

Bace Analytical, Windsor, CA

Lab Report No.: 4613 Date: 09/11/2005

Project Name:	1980 SEBASTOPOL	Analysis:	VOCs by GC/MS Fuel Additives Plus BTEX
Project No:	646	Method:	8260FAB
		Prep Meth:	SW5030B

Field ID:	MW-1	Lab Samp ID:	4613-1
Descr/Location:	MW-1	Rec'd Date:	08/01/2005
Sample Date:	07/29/2005	Prep Date:	08/07/2005
Sample Time:	1057	Analysis Date:	08/07/2005
Matrix:	Water	QC Batch:	20050807B
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Methyl-tert-butyl ether (MTBE)	7.6	20.	PQL		ND	UG/L	20
Ethyl tert-butyl ether (ETBE)	6.0	20.	PQL		ND	UG/L	20
tert-Amyl methyl ether (TAME)	5.2	20.	PQL		ND	UG/L	20
Di-isopropyl ether (DIPE)	7.4	20.	PQL		ND	UG/L	20
tert-Butyl alcohol (TBA)	48.	200.	PQL		ND	UG/L	20
1,2-Dichloroethane	6.0	10.	PQL		ND	UG/L	20
1,2-Dibromoethane	6.0	10.	PQL		ND	UG/L	20
Benzene	5.4	10.	PQL		907.	UG/L	20
Toluene	5.0	10.	PQL		351.	UG/L	20
Ethylbenzene	5.0	10.	PQL		299.	UG/L	20
Xylenes	5.0	10.	PQL		1060.	UG/L	20

SURROGATE AND INTERNAL STANDARD RECOVERIES:				
4-Bromofluorobenzene	86-118	SLSA	97%	1
Toluene-d8	88-110	SLSA	100%	1
Dibromofluoromethane	86-115	SLSA	102%	1

Approved by: William H Potts Date: 9/11/05

Bace Analytical, Windsor, CA

Lab Report No.: 4613 Date: 09/11/2005

Project Name: 1980 SEBASTOPOL
Project No: 646

Analysis: VOCs by GC/MS Fuel Additives Plus BTEX
Method: 8260FAB
Prep Meth: SW5030B

Field ID: MW-10
Descr/Location: MW-10
Sample Date: 08/01/2005
Sample Time: 1302
Matrix: Water
Basis: Not Filtered

Lab Samp ID: 4613-8
Rec'd Date: 08/01/2005
Prep Date: 08/07/2005
Analysis Date: 08/07/2005
QC Batch: 20050807B
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	95%	1
Toluene-d8	88-110	SLSA	100%	1
Dibromofluoromethane	86-115	SLSA	101%	1

Approved by: William H Patty Date: 9/11/05

Bace Analytical, Windsor, CA

Lab Report No.: 4613 Date: 09/11/2005

Project Name: 1980 SEBASTOPOL
Project No: 646

Analysis: VOCs by GC/MS Fuel Additives Plus BTEX
Method: 8260FAB
Prep Meth: SW5030B

Field ID: MW-11
Descr/Location: MW-11
Sample Date: 07/29/2005
Sample Time: 0839
Matrix: Water
Basis: Not Filtered

Lab Samp ID: 4613-9
Rec'd Date: 08/01/2005
Prep Date: 08/07/2005
Analysis Date: 08/07/2005
QC Batch: 20050807B
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	95%	1
Toluene-d8	88-110	SLSA	100%	1
Dibromofluoromethane	86-115	SLSA	102%	1

Approved by: William H. Potts Date: 9/11/05

Bace Analytical, Windsor, CA

Lab Report No.: 4613 Date: 09/11/2005

Project Name: 1980 SEBASTOPOL
Project No: 646

Analysis: VOCs by GC/MS Fuel Additives Plus BTEX
Method: 8260FAB
Prep Meth: SW5030B

Field ID: MW-12
Descr/Location: MW-12
Sample Date: 07/29/2005
Sample Time: 0748
Matrix: Water
Basis: Not Filtered

Lab Samp ID: 4613-10
Rec'd Date: 08/01/2005
Prep Date: 08/07/2005
Analysis Date: 08/07/2005
QC Batch: 20050807B
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	95%	1
Toluene-d8	88-110	SLSA	100%	1
Dibromofluoromethane	86-115	SLSA	103%	1

Approved by: William H Potts Date: 9/11/05

Bace Analytical, Windsor, CA

Lab Report No.: 4613 Date: 09/11/2005

Project Name: 1980 SEBASTOPOL
Project No: 646

Analysis: VOCs by GC/MS Fuel Additives Plus BTEX
Method: 8260FAB
Prep Meth: SW5030B

Field ID: MW-13
Descr/Location: MW-13
Sample Date: 07/29/2005
Sample Time: 0936
Matrix: Water
Basis: Not Filtered

Lab Samp ID: 4613-11
Rec'd Date: 08/01/2005
Prep Date: 08/07/2005
Analysis Date: 08/07/2005
QC Batch: 20050807B
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	95%	1
Toluene-d8	88-110	SLSA	100%	1
Dibromofluoromethane	86-115	SLSA	101%	1

Approved by: William H Patty Date: 9/11/05

Bace Analytical, Windsor, CA

Lab Report No.: 4613 Date: 09/11/2005

Project Name: 1980 SEBASTOPOL
Project No: 646

Analysis: VOCs by GC/MS Fuel Additives Plus BTEX
Method: 8260FAB
Prep Meth: SW5030B

Field ID: MW-16A
Descr/Location: MW-16A
Sample Date: 07/29/2005
Sample Time: 1146
Matrix: Water
Basis: Not Filtered

Lab Samp ID: 4613-12
Rec'd Date: 08/01/2005
Prep Date: 08/07/2005
Analysis Date: 08/07/2005
QC Batch: 20050807B
Notes:

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Methyl-tert-butyl ether (MTBE)	38.	100.	PQL		ND	UG/L	100
Ethyl tert-butyl ether (ETBE)	30.	100.	PQL		ND	UG/L	100
tert-Amyl methyl ether (TAME)	26.	100.	PQL		ND	UG/L	100
Di-isopropyl ether (DIPE)	37.	100.	PQL		ND	UG/L	100
tert-Butyl alcohol (TBA)	240.	1000.	PQL		ND	UG/L	100
1,2-Dichloroethane	30.	50.	PQL		ND	UG/L	100
1,2-Dibromoethane	30.	50.	PQL		ND	UG/L	100
Benzene	27.	50.	PQL		8170.	UG/L	100
Toluene	25.	50.	PQL		1280.	UG/L	100
Ethylbenzene	25.	50.	PQL		2350.	UG/L	100
Xylenes	25.	50.	PQL		8320.	UG/L	100

SURROGATE AND INTERNAL STANDARD RECOVERIES:

4-Bromofluorobenzene	86-118	SLSA	96%	1
Toluene-d8	88-110	SLSA	100%	1
Dibromofluoromethane	86-115	SLSA	102%	1

Approved by: William H Potts Date: 9/11/05

Bace Analytical, Windsor, CA

Lab Report No.: 4613 Date: 09/11/2005

Project Name: 1980 SEBASTOPOL
Project No: 646

Analysis: VOCs by GC/MS Fuel Additives Plus BTEX
Method: 8260FAB
Prep Meth: SW5030B

Field ID: MW-16B
Descr/Location: MW-16B
Sample Date: 07/29/2005
Sample Time: 1240
Matrix: Water
Basis: Not Filtered

Lab Samp ID: 4613-13
Rec'd Date: 08/01/2005
Prep Date: 08/07/2005
Analysis Date: 08/07/2005
QC Batch: 20050807B
Notes:

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Methyl-tert-butyl ether (MTBE)	1.9	5.0	PQL		ND	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		ND	UG/L	5
1,2-Dibromoethane	1.5	2.5	PQL		ND	UG/L	5
Benzene	1.4	2.5	PQL		3.00	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		6.29	UG/L	5

SURROGATE AND INTERNAL STANDARD RECOVERIES:

4-Bromofluorobenzene	86-118	SLSA	95%	1
Toluene-d8	88-110	SLSA	100%	1
Dibromofluoromethane	86-115	SLSA	102%	1

Approved by: William H Potts Date: 9/11/05

Project Name: 1980 SEBASTOPOL
Project No: 646

Analysis: VOCs by GC/MS Fuel Additives Plus BTEX
Method: 8260FAB
Prep Meth: SW5030B

Field ID: MW-16C
Descr/Location: MW-16C
Sample Date: 07/29/2005
Sample Time: 1356
Matrix: Water
Basis: Not Filtered

Lab Samp ID: 4613-14
Rec'd Date: 08/01/2005
Prep Date: 08/07/2005
Analysis Date: 08/07/2005
QC Batch: 20050807B
Notes:

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Methyl-tert-butyl ether (MTBE)	0.38	1.0	PQL		1.50	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	95%	1
Toluene-d8	88-110	SLSA	101%	1
Dibromofluoromethane	86-115	SLSA	102%	1

Approved by: William H Patz Date: 9/11/05

Project Name: 1980 SEBASTOPOL
Project No: 646

Analysis: VOCs by GC/MS Fuel Additives Plus BTEX
Method: 8260FAB
Prep Meth: SW5030B

Field ID: MW-2
Descr/Location: MW-2
Sample Date: 08/01/2005
Sample Time: 1014
Matrix: Water
Basis: Not Filtered

Lab Samp ID: 4613-2
Rec'd Date: 08/01/2005
Prep Date: 08/07/2005
Analysis Date: 08/07/2005
QC Batch: 20050807B
Notes:

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Methyl-tert-butyl ether (MTBE)	7.6	20.	PQL		ND	UG/L	20
Ethyl tert-butyl ether (ETBE)	6.0	20.	PQL		ND	UG/L	20
tert-Amyl methyl ether (TAME)	5.2	20.	PQL		ND	UG/L	20
Di-isopropyl ether (DIPE)	7.4	20.	PQL		ND	UG/L	20
tert-Butyl alcohol (TBA)	48.	200.	PQL		ND	UG/L	20
1,2-Dichloroethane	6.0	10.	PQL		ND	UG/L	20
1,2-Dibromoethane	6.0	10.	PQL		ND	UG/L	20
Benzene	5.4	10.	PQL		112.	UG/L	20
Toluene	5.0	10.	PQL		45.7	UG/L	20
Ethylbenzene	5.0	10.	PQL		638.	UG/L	20
Xylenes	5.0	10.	PQL		943.	UG/L	20

SURROGATE AND INTERNAL STANDARD RECOVERIES:

4-Bromofluorobenzene	86-118	SLSA	92%	1
Toluene-d8	88-110	SLSA	100%	1
Dibromofluoromethane	86-115	SLSA	102%	1

Approved by: Wallace R Potts Date: 9/11/05

Lab Report No.: 4613 Date: 09/11/2005

Project Name:	1980 SEBASTOPOL	Analysis:	VOCs by GC/MS Fuel Additives Plus BTEX
Project No:	646	Method:	8260FAB
		Prep Meth:	SW5030B

Field ID:	MW-4	Lab Samp ID:	4613-3
Descr/Location:	MW-4	Rec'd Date:	08/01/2005
Sample Date:	07/28/2005	Prep Date:	08/07/2005
Sample Time:	1431	Analysis Date:	08/07/2005
Matrix:	Water	QC Batch:	20050807B
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Methyl-tert-butyl ether (MTBE)	1.9	5.0	PQL		ND	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		ND	UG/L	5
1,2-Dibromoethane	1.5	2.5	PQL		ND	UG/L	5
Benzene	1.4	2.5	PQL		ND	UG/L	5
Toluene	1.3	2.5	PQL		ND	UG/L	5
Ethylbenzene	1.3	2.5	PQL		6.22	UG/L	5
Xylenes	1.3	2.5	PQL		13.7	UG/L	5

SURROGATE AND INTERNAL STANDARD RECOVERIES:

4-Bromofluorobenzene	86-118	SLSA	96%	1
Toluene-d8	88-110	SLSA	103%	1
Dibromofluoromethane	86-115	SLSA	102%	1

Approved by: William H Patty Date: 9/11/05

Project Name: 1980 SEBASTOPOL
Project No: 646

Analysis: VOCs by GC/MS Fuel Additives Plus BTEX
Method: 8260FAB
Prep Meth: SW5030B

Field ID: MW-5
Descr/Location: MW-5
Sample Date: 07/28/2005
Sample Time: 1511
Matrix: Water
Basis: Not Filtered

Lab Samp ID: 4613-4
Rec'd Date: 08/01/2005
Prep Date: 08/07/2005
Analysis Date: 08/07/2005
QC Batch: 20050807B
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	94%	1
Toluene-d8	88-110	SLSA	100%	1
Dibromofluoromethane	86-115	SLSA	103%	1

Approved by: William H Patty Date: 9/11/05

Project Name: 1980 SEBASTOPOL
Project No: 646

Analysis: VOCs by GC/MS Fuel Additives Plus BTEX
Method: 8260FAB
Prep Meth: SW5030B

Field ID: MW-6
Descr/Location: MW-6
Sample Date: 08/01/2005
Sample Time: 1213
Matrix: Water
Basis: Not Filtered

Lab Samp ID: 4613-5
Rec'd Date: 08/01/2005
Prep Date: 08/07/2005
Analysis Date: 08/07/2005
QC Batch: 20050807B
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		1.11	UG/L	1

SURROGATE AND INTERNAL STANDARD RECOVERIES:

4-Bromofluorobenzene	86-118	SLSA	94%	1
Toluene-d8	88-110	SLSA	100%	1
Dibromofluoromethane	86-115	SLSA	100%	1

Approved by: William R Roth Date: 9/11/05

Project Name: 1980 SEBASTOPOL
Project No: 646

Analysis: VOCs by GC/MS Fuel Additives Plus BTEX
Method: 8260FAB
Prep Meth: SW5030B

Field ID: MW-7
Descr/Location: MW-7
Sample Date: 08/01/2005
Sample Time: 1136
Matrix: Water
Basis: Not Filtered

Lab Samp ID: 4613-6
Rec'd Date: 08/01/2005
Prep Date: 08/07/2005
Analysis Date: 08/07/2005
QC Batch: 20050807B
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	94%	1
Toluene-d8	88-110	SLSA	100%	1
Dibromofluoromethane	86-115	SLSA	101%	1

Approved by: William H Patty Date: 9/11/05

Project Name:	1980 SEBASTOPOL	Analysis:	VOCs by GC/MS Fuel Additives Plus BTEX
Project No:	646	Method:	8260FAB
		Prep Meth:	SW5030B

Field ID:	MW-9	Lab Samp ID:	4613-7
Descr/Location:	MW-9	Rec'd Date:	08/01/2005
Sample Date:	08/01/2005	Prep Date:	08/07/2005
Sample Time:	1351	Analysis Date:	08/07/2005
Matrix:	Water	QC Batch:	20050807B
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	95%	1
Toluene-d8	88-110	SLSA	101%	1
Dibromofluoromethane	86-115	SLSA	101%	1

Approved by: William H Potts Date: 9/11/05

Project Name:	1980 SEBASTOPOL	Analysis:	Total Petroleum Hydrocarbons (TPH) by GC/MS
Project No:	646	Method:	8260TPH
		Prep Meth:	SW5030B

Field ID:	MW-1	Lab Samp ID:	4613-1
Descr/Location:	MW-1	Rec'd Date:	08/01/2005
Sample Date:	07/29/2005	Prep Date:	08/07/2005
Sample Time:	1057	Analysis Date:	08/07/2005
Matrix:	Water	QC Batch:	20050807B
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	0.80	1.0	PQL		12	MG/L	20
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		86-115	SLSA		97%		1

Approved by: William H Poty Date: 9/11/05

Project Name:	1980 SEBASTOPOL	Analysis:	Total Petroleum Hydrocarbons (TPH) by GC/MS
Project No:	646	Method:	8260TPH
		Prep Meth:	SW5030B

Field ID:	MW-10	Lab Samp ID:	4613-8
Descr/Location:	MW-10	Rec'd Date:	08/01/2005
Sample Date:	08/01/2005	Prep Date:	08/07/2005
Sample Time:	1302	Analysis Date:	08/07/2005
Matrix:	Water	QC Batch:	20050807B
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		86-115	SLSA		94%		1

Approved by: William H Potts Date: 9/11/05

Project Name:	1980 SEBASTOPOL	Analysis:	Total Petroleum Hydrocarbons (TPH) by GC/MS
Project No:	646	Method:	8260TPH
		Prep Meth:	SW5030B

Field ID:	MW-11	Lab Samp ID:	4613-9
Descr/Location:	MW-11	Rec'd Date:	08/01/2005
Sample Date:	07/29/2005	Prep Date:	08/07/2005
Sample Time:	0839	Analysis Date:	08/07/2005
Matrix:	Water	QC Batch:	20050807B
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		86-115	SLSA		95%		1

Approved by: William R Roth Date: 9/11/05

Project Name:	1980 SEBASTOPOL	Analysis:	Total Petroleum Hydrocarbons (TPH) by GC/MS
Project No:	646	Method:	8260TPH
		Prep Meth:	SW5030B

Field ID:	MW-12	Lab Samp ID:	4613-10
Descr/Location:	MW-12	Rec'd Date:	08/01/2005
Sample Date:	07/29/2005	Prep Date:	08/07/2005
Sample Time:	0748	Analysis Date:	08/07/2005
Matrix:	Water	QC Batch:	20050807B
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		86-115	SLSA		95%		1

Approved by: William H Patty Date: 9/11/05

Project Name:	1980 SEBASTOPOL	Analysis:	Total Petroleum Hydrocarbons (TPH) by GC/MS
Project No:	646	Method:	8260TPH
		Prep Meth:	SW5030B

Field ID:	MW-13	Lab Samp ID:	4613-11
Descr/Location:	MW-13	Rec'd Date:	08/01/2005
Sample Date:	07/29/2005	Prep Date:	08/07/2005
Sample Time:	0936	Analysis Date:	08/07/2005
Matrix:	Water	QC Batch:	20050807B
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		86-115	SLSA		95%		1

Approved by: William H Potts Date: 9/11/05

Project Name:	1980 SEBASTOPOL	Analysis:	Total Petroleum Hydrocarbons (TPH) by GC/MS
Project No:	646	Method:	8260TPH
		Prep Meth:	SW5030B

Field ID:	MW-16A	Lab Samp ID:	4613-12
Descr/Location:	MW-16A	Rec'd Date:	08/01/2005
Sample Date:	07/29/2005	Prep Date:	08/07/2005
Sample Time:	1146	Analysis Date:	08/07/2005
Matrix:	Water	QC Batch:	20050807B
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	4.0	5.0	PQL		60.	MG/L	100
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		86-115	SLSA		96%		1

Approved by: William H Potts Date: 9/11/05

Bace Analytical, Windsor, CA

Lab Report No.: 4613 Date: 09/11/2005

Project Name:	1980 SEBASTOPOL	Analysis:	Total Petroleum Hydrocarbons (TPH) by GC/MS
Project No:	646	Method:	8260TPH
		Prep Meth:	SW5030B

Field ID:	MW-16B	Lab Samp ID:	4613-13
Descr/Location:	MW-16B	Rec'd Date:	08/01/2005
Sample Date:	07/29/2005	Prep Date:	08/07/2005
Sample Time:	1240	Analysis Date:	08/07/2005
Matrix:	Water	QC Batch:	20050807B
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	0.20	0.25	PQL	DX	ND	MG/L	5
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		86-115	SLSA		96%		1

DX: Value < lowest standard (MQL), but > than MDL

Approved by: William H Potts Date: 9/11/05

Project Name:	1980 SEBASTOPOL	Analysis:	Total Petroleum Hydrocarbons (TPH) by GC/MS
Project No:	646	Method:	8260TPH
		Prep Meth:	SW5030B

Field ID:	MW-16C	Lab Samp ID:	4613-14
Descr/Location:	MW-16C	Rec'd Date:	08/01/2005
Sample Date:	07/29/2005	Prep Date:	08/07/2005
Sample Time:	1356	Analysis Date:	08/07/2005
Matrix:	Water	QC Batch:	20050807B
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	0.04	0.05	PQL		0.060	MG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		86-115	SLSA		95%		1

Approved by: William H Patty Date: 9/11/05

Project Name:	1980 SEBASTOPOL	Analysis:	Total Petroleum Hydrocarbons (TPH) by GC/MS
Project No:	646	Method:	8260TPH
		Prep Meth:	SW5030B

Field ID:	MW-2	Lab Samp ID:	4613-2
Descr/Location:	MW-2	Rec'd Date:	08/01/2005
Sample Date:	08/01/2005	Prep Date:	08/07/2005
Sample Time:	1014	Analysis Date:	08/07/2005
Matrix:	Water	QC Batch:	20050807B
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	0.80	1.0	PQL		29.	MG/L	20
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		86-115	SLSA		92%		1

Approved by: William H Poty Date: 9/11/05

Project Name:	1980 SEBASTOPOL	Analysis:	Total Petroleum Hydrocarbons (TPH) by GC/MS
Project No:	646	Method:	8260TPH
		Prep Meth:	SW5030B

Field ID:	MW-4	Lab Samp ID:	4613-3
Descr/Location:	MW-4	Rec'd Date:	08/01/2005
Sample Date:	07/28/2005	Prep Date:	08/07/2005
Sample Time:	1431	Analysis Date:	08/07/2005
Matrix:	Water	QC Batch:	20050807B
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	0.20	0.25	PQL		ND	MG/L	5
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		86-115	SLSA		96%		1

Approved by: William H Patty Date: 9/11/05

Project Name:	1980 SEBASTOPOL	Analysis:	Total Petroleum Hydrocarbons (TPH) by GC/MS
Project No:	646	Method:	8260TPH
		Prep Meth:	SW5030B

Field ID:	MW-5	Lab Samp ID:	4613-4
Descr/Location:	MW-5	Rec'd Date:	08/01/2005
Sample Date:	07/28/2005	Prep Date:	08/07/2005
Sample Time:	1511	Analysis Date:	08/07/2005
Matrix:	Water	QC Batch:	20050807B
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	0.04	0.05	PQL		0.32	MG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		86-115	SLSA		94%		1

Approved by: William H Potts Date: 9/11/05

Project Name:	1980 SEBASTOPOL	Analysis:	Total Petroleum Hydrocarbons (TPH) by GC/MS
Project No:	646	Method:	8260TPH
		Prep Meth:	SW5030B

Field ID:	MW-6	Lab Samp ID:	4613-5
Descr/Location:	MW-6	Rec'd Date:	08/01/2005
Sample Date:	08/01/2005	Prep Date:	08/07/2005
Sample Time:	1213	Analysis Date:	08/07/2005
Matrix:	Water	QC Batch:	20050807B
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	0.04	0.05	PQL		0.24	MG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		86-115	SLSA		93%		1

Approved by: Wallace R Patty Date: 9/11/05

Project Name:	1980 SEBASTOPOL	Analysis:	Total Petroleum Hydrocarbons (TPH) by GC/MS
Project No:	646	Method:	8260TPH
		Prep Meth:	SW5030B

Field ID:	MW-7	Lab Samp ID:	4613-6
Descr/Location:	MW-7	Rec'd Date:	08/01/2005
Sample Date:	08/01/2005	Prep Date:	08/07/2005
Sample Time:	1136	Analysis Date:	08/07/2005
Matrix:	Water	QC Batch:	20050807B
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		86-115	SLSA		94%		1

Approved by: William H Patz Date: 9/11/05

Project Name:	1980 SEBASTOPOL	Analysis:	Total Petroleum Hydrocarbons (TPH) by GC/MS
Project No:	646	Method:	8260TPH
		Prep Meth:	SW5030B

Field ID:	MW-9	Lab Samp ID:	4613-7
Descr/Location:	MW-9	Rec'd Date:	08/01/2005
Sample Date:	08/01/2005	Prep Date:	08/07/2005
Sample Time:	1351	Analysis Date:	08/07/2005
Matrix:	Water	QC Batch:	20050807B
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		86-115	SLSA		95%		1

Approved by: William H Petty Date: 9/11/05

QA/QC Report
Method Blank Summary

Bace Analytical, Windsor, CA

Lab Report No.: 4613 Date: 09/11/2005

QC Batch:	20050807B	Analysis:	VOCs by GC/MS Fuel Additives Plus BTEX
Matrix:	Water	Method:	8260FAB
Lab Samp ID:	4613MB	Prep Meth:	SW5030B
Analysis Date:	08/07/2005	Prep Date:	08/07/2005
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		95%		1
Toluene-d8		88-110	SLSA		101%		1
Dibromofluoromethane		86-115	SLSA		101%		1

QA/QC Report
Method Blank Summary

Bace Analytical, Windsor, CA

Lab Report No.: 4613 Date: 09/11/2005

QC Batch:	20050807B	Analysis:	Total Petroleum Hydrocarbons (TPH) by
Matrix:	Water	Method:	8260TPH
Lab Samp ID:	4613MB	Prep Meth:	SW5030B
Analysis Date:	08/07/2005	Prep Date:	08/07/2005
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		86-115	SLSA		95%		1

QA/QC Report
Matrix Spike/Duplicate Matrix Spike Summary

Bace Analytical, Windsor, CA

Lab Report No.: 4613 Date: 09/11/2005

QC Batch: 20050807B
Matrix: Water
Lab Samp ID: 4613MS
Basis: Not Filtered

Project Name: 1980 SEBASTOPOL ROAD
Project No.: 646
Field ID: MW-5
Lab Ref ID: 4613-4

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	10.7	10.3	UG/L	107	103	3.8	130-70	MSA	20MSP
1,2-Dichloroethane	8260FAB	10.0	10.0	ND	10.8	10.3	UG/L	108	103	4.7	130-70	MSA	20MSP
Benzene	8260FAB	10.0	10.0	ND	11.5	11.2	UG/L	115	112	2.6	127-76	MSA	20MSP
Di-isopropyl ether (DIPE)	8260FAB	10.0	10.0	ND	9.28	9.55	UG/L	92.8	95.5	2.9	130-70	MSA	20MSP
Ethyl tert-butyl ether (ETBE)	8260FAB	10.0	10.0	ND	8.68	9.11	UG/L	86.8	91.1	4.8	130-70	MSA	20MSP
Ethylbenzene	8260FAB	10.0	10.0	ND	11.0	11.7	UG/L	110	117	6.2	130-70	MSA	20MSP
Methyl-tert-butyl ether (MTBE)	8260FAB	10.0	10.0	ND	9.50	9.79	UG/L	95.0	97.9	3.0	130-70	MSA	20MSP
Toluene	8260FAB	10.0	10.0	ND	11.4	11.5	UG/L	114	115	0.87	125-76	MSA	20MSP
Xylenes	8260FAB	30.0	30.0	ND	33.0	33.8	UG/L	110	113	2.7	130-70	MSA	20MSP
tert-Amyl methyl ether (TAME)	8260FAB	10.0	10.0	ND	10.7	11.4	UG/L	107	114	6.3	130-70	MSA	20MSP
tert-Butyl alcohol (TBA)	8260FAB	50.0	50.0	ND	32.8	32.0	UG/L	65.6	64.0	2.5	140-60	MSA	25MSP
4-Bromofluorobenzene	8260FAB	100.	100.	94.	98.	94.	PERCENT	98.0	94.0	4.2	118-86	SLSA	20SLSP
Dibromofluoromethane	8260FAB	100.	100.	103.	101.	102.	PERCENT	101	102	0.99	115-86	SLSA	20SLSP
Toluene-d8	8260FAB	100.	100.	100.	99.	100.	PERCENT	99.0	100	1.0	110-88	SLSA	20SLSP

QA/QC Report
Matrix Spike/Duplicate Matrix Spike Summary

Bace Analytical, Windsor, CA

Lab Report No.: 4613 Date: 09/11/2005

QC Batch: 20050807B
Matrix: Water
Lab Samp ID: 4613MS
Basis: Not Filtered

Project Name: 1980 SEBASTOPOL ROAD
Project No.: 646
Field ID: MW-6
Lab Ref ID: 4613-5

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 % Rec	Acceptance Criteria RPD
Gasoline Range Organics (C5-C12)	8260TPH	0.50	0.50	0.24	0.72	0.80	MG/L	96.0	112	15	130-70	MSA	20MSP
4-Bromofluorobenzene	8260TPH	100.	100.	93.	94.	93.	PERCENT	94.0	93.0	1.1	115-86	SLSA	20SLSP

Chain-of Custody Form

Project # 646.070

Project Name BERTOLI 1980 SEBASTOPOL ROAD SANTA ROSA, CA.

L.P. No.

Sampler's Signature: Chris Scott

C.O.C. No. 11779

Remarks: STANDARD TAT

Date Sampled	Sample I.D.	Time (24 Hour)	Sample Type	No. of Containers	TPH-GAS	EPA 8260B - OXYGENATES, LEAD SCAVENGERS & BTEX	Remarks
7.29.05	MW-1	1057	WATER	4	X	X	4613-1
8.1.05	MW-2	1014			X	X	-2
7.28.05	MW-4	1431			X	X	-3
7.28.05	MW-5	1511			X	X	-4
8.1.05	MW-6	1213			X	X	-5
8.1.05	MW-7	1136			X	X	-6
8.1.05	MW-9	1351			X	X	-7
8.1.05	MW-10	1302			X	X	-8
7.29.05	MW-11	0839			X	X	-9
7.29.05	MW-12	0748			X	X	-10
7.29.05	MW-13	0936			X	X	-11
7.29.05	MW-16A	1146			X	X	-12
7.29.05	MW-16B	1240			X	X	-13
7.29.05	MW-16C	1356			X	X	-14

Analysis

Laboratory: BAES

Preservation: A - HCL; B - H2SO4; C - NaOH; D - HNO3; E - Ice; F - (specify)

Relinquished by: (signed)	Date/Time	Received by: (signed)	Remarks:
Chris Scott	8/1/05 1522	8/1/05 1535	STANDARD TAT
Relinquished by: (signed)	Date/Time	Received by: (signed)	ATTN: BILL COSET
Relinquished by: (signed)	Date/Time	Received for Laboratory by: (signed)	

Brunsing Associates, Inc.
P.O. Box 588
5803 Skylane Blvd., Suite A
Windsor, CA 95492
(707) 838-3027
(707) 838-4420 fax

Laboratory Report Project Overview

EDF 1.2a

Laboratory:	Bace Analytical, Windsor, CA
Lab Report Number:	4666
Project Name:	1980 SEBASTOPOL ROAD
Work Order Number:	646.070
Control Sheet Number:	NA

Report Summary

Labreport	Sampid	Labsampid	Mtrx	QC	Anmcode	Exmcode	Logdate	Extdate	Anadate	Lablotctl	Run Sub
4666	MW-1	4566-1	W	CS	8260FAB	SW5030B	10/07/2005	10/14/2005	10/14/2005	20051013	38
4666	MW-1	4566-1	W	CS	8260TPH	SW5030B	10/07/2005	10/14/2005	10/14/2005	20051013	38
4666	MW-10	4666-8	W	CS	8260FAB	SW5030B	10/07/2005	10/14/2005	10/14/2005	20051013	49
4666	MW-10	4666-8	W	CS	8260TPH	SW5030B	10/07/2005	10/14/2005	10/14/2005	20051013	49
4666	MW-11	4666-9	W	CS	8260FAB	SW5030B	10/07/2005	10/14/2005	10/14/2005	20051013	50
4666	MW-11	4666-9	W	CS	8260TPH	SW5030B	10/07/2005	10/14/2005	10/14/2005	20051013	50
4666	MW-12	4666-10	W	CS	8260FAB	SW5030B	10/07/2005	10/14/2005	10/14/2005	20051013	51
4666	MW-12	4666-10	W	CS	8260TPH	SW5030B	10/07/2005	10/14/2005	10/14/2005	20051013	51
4666	MW-13	4666-11	W	CS	8260FAB	SW5030B	10/07/2005	10/14/2005	10/14/2005	20051013	52
4666	MW-13	4666-11	W	CS	8260TPH	SW5030B	10/07/2005	10/14/2005	10/14/2005	20051013	52
4666	MW-16A	4666-12	W	CS	8260FAB	SW5030B	10/07/2005	10/14/2005	10/14/2005	20051013	53
4666	MW-16A	4666-12	W	CS	8260TPH	SW5030B	10/07/2005	10/14/2005	10/14/2005	20051013	53
4666	MW-16B	4666-13	W	CS	8260FAB	SW5030B	10/07/2005	10/14/2005	10/14/2005	20051013	54
4666	MW-16B	4666-13	W	CS	8260TPH	SW5030B	10/07/2005	10/14/2005	10/14/2005	20051013	54
4666	MW-16C	4666-14	W	CS	8260FAB	SW5030B	10/07/2005	10/14/2005	10/14/2005	20051013	55
4666	MW-16C	4666-14	W	CS	8260TPH	SW5030B	10/07/2005	10/14/2005	10/14/2005	20051013	55
4666	MW-2	4666-2	W	CS	8260FAB	SW5030B	10/07/2005	10/14/2005	10/14/2005	20051013	39
4666	MW-2	4666-2	W	CS	8260TPH	SW5030B	10/07/2005	10/14/2005	10/14/2005	20051013	39
4666	MW-4	4666-3	W	CS	8260FAB	SW5030B	10/07/2005	10/14/2005	10/14/2005	20051013	40
4666	MW-4	4666-3	W	CS	8260TPH	SW5030B	10/07/200	10/14/200	10/14/200	20051013	40

Report Summary

Labreport	Sampid	Labsampid	Mtrx	QC	Anmcode	Exmcode	Logdate	Extdate	Anadate	Lablotctl	Run Sub
							5	5	5		
4666	MW-5	4666-4	W	CS	8260FAB	SW5030B	10/07/2005	10/14/2005	10/14/2005	20051013	43
4666	MW-5	4666-4	W	CS	8260TPH	SW5030B	10/07/2005	10/14/2005	10/14/2005	20051013	43
4666	MW-6	4666-5	W	CS	8260FAB	SW5030B	10/07/2005	10/14/2005	10/14/2005	20051013	46
4666	MW-6	4666-5	W	CS	8260TPH	SW5030B	10/07/2005	10/14/2005	10/14/2005	20051013	46
4666	MW-7	4666-6	W	CS	8260FAB	SW5030B	10/07/2005	10/14/2005	10/14/2005	20051013	47
4666	MW-7	4666-6	W	CS	8260TPH	SW5030B	10/07/2005	10/14/2005	10/14/2005	20051013	47
4666	MW-9	4666-7	W	CS	8260FAB	SW5030B	10/07/2005	10/14/2005	10/14/2005	20051013	48
4666	MW-9	4666-7	W	CS	8260TPH	SW5030B	10/07/2005	10/14/2005	10/14/2005	20051013	48
		4666MB	W	LB1	8260FAB	SW5030B	/ /	10/14/2005	10/14/2005	20051013	33
		4666MB	W	LB1	8260TPH	SW5030B	/ /	10/14/2005	10/14/2005	20051013	33
		4666MS	W	MS1	8260FAB	SW5030B	/ /	10/14/2005	10/14/2005	20051013	41
		4666MS	W	MS1	8260TPH	SW5030B	/ /	10/14/2005	10/14/2005	20051013	44
		4666SD	W	SD1	8260FAB	SW5030B	/ /	10/14/2005	10/14/2005	20051013	42
		4666SD	W	SD1	8260TPH	SW5030B	/ /	10/14/2005	10/14/2005	20051013	45

Bace Analytical, Windsor, CA

Lab Report No.: 4666 Date: 10/26/2005

Project Name:	1980 SEBASTOPOL	Analysis:	VOCs by GC/MS Fuel Additives Plus BTEX
Project No:	646.070	Method:	8260FAB
		Prep Meth:	SW5030B

Field ID:	MW-1	Lab Samp ID:	4566-1
Descr/Location:	MW-1	Rec'd Date:	10/10/2005
Sample Date:	10/07/2005	Prep Date:	10/14/2005
Sample Time:	1040	Analysis Date:	10/14/2005
Matrix:	Water	QC Batch:	20051013
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Methyl-tert-butyl ether (MTBE)	7.6	20.	PQL		ND	UG/L	20
Ethyl tert-butyl ether (ETBE)	6.0	20.	PQL		ND	UG/L	20
tert-Amyl methyl ether (TAME)	5.2	20.	PQL		ND	UG/L	20
Di-isopropyl ether (DIPE)	7.4	20.	PQL		ND	UG/L	20
tert-Butyl alcohol (TBA)	48.	200.	PQL		ND	UG/L	20
1,2-Dichloroethane	6.0	10.	PQL		ND	UG/L	20
1,2-Dibromoethane	6.0	10.	PQL		ND	UG/L	20
Benzene	5.4	10.	PQL		731.	UG/L	20
Toluene	5.0	10.	PQL		439.	UG/L	20
Ethylbenzene	5.0	10.	PQL		1020.	UG/L	20
Xylenes	5.0	10.	PQL		3770.	UG/L	20

SURROGATE AND INTERNAL STANDARD RECOVERIES:

4-Bromofluorobenzene	86-118	SLSA	98%	1
Toluene-d8	88-110	SLSA	106%	1
Dibromofluoromethane	86-115	SLSA	100%	1

Approved by: William H Poth Date: 10/27/05

Bace Analytical, Windsor, CA

Lab Report No.: 4666 Date: 10/26/2005

Project Name:	1980 SEBASTOPOL	Analysis:	VOCs by GC/MS Fuel Additives Plus BTEX
Project No:	646.070	Method:	8260FAB
		Prep Meth:	SW5030B

Field ID:	MW-10	Lab Samp ID:	4666-8
Descr/Location:	MW-10	Rec'd Date:	10/10/2005
Sample Date:	10/07/2005	Prep Date:	10/14/2005
Sample Time:	1521	Analysis Date:	10/14/2005
Matrix:	Water	QC Batch:	20051013
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	97%	1
Toluene-d8	88-110	SLSA	102%	1
Dibromofluoromethane	86-115	SLSA	96%	1

Approved by: William H Roth Date: 10/27/05

Lab Report No.: 4666 Date: 10/26/2005

Project Name:	1980 SEBASTOPOL	Analysis:	VOCs by GC/MS Fuel Additives Plus BTEX
Project No:	646.070	Method:	8260FAB
		Prep Meth:	SW5030B

Field ID:	MW-11	Lab Samp ID:	4666-9
Descr/Location:	MW-11	Rec'd Date:	10/10/2005
Sample Date:	10/07/2005	Prep Date:	10/14/2005
Sample Time:	1337	Analysis Date:	10/14/2005
Matrix:	Water	QC Batch:	20051013
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		97%		1
Toluene-d8		88-110	SLSA		101%		1
Dibromofluoromethane		86-115	SLSA		97%		1

Approved by: William H Patty Date: 10/27/05

Lab Report No.: 4666 Date: 10/26/2005

Project Name:	1980 SEBASTOPOL	Analysis:	VOCs by GC/MS Fuel Additives Plus BTEX
Project No:	646.070	Method:	8260FAB
		Prep Meth:	SW5030B

Field ID:	MW-12	Lab Samp ID:	4666-10
Descr/Location:	MW-12	Rec'd Date:	10/10/2005
Sample Date:	10/07/2005	Prep Date:	10/14/2005
Sample Time:	1317	Analysis Date:	10/14/2005
Matrix:	Water	QC Batch:	20051013
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	98%	1
Toluene-d8	88-110	SLSA	102%	1
Dibromofluoromethane	86-115	SLSA	96%	1

Approved by: William H Potts Date: 10/27/05

Project Name:	1980 SEBASTOPOL	Analysis:	VOCs by GC/MS Fuel Additives Plus BTEX
Project No:	646.070	Method:	8260FAB
		Prep Meth:	SW5030B

Field ID:	MW-13	Lab Samp ID:	4666-11
Descr/Location:	MW-13	Rec'd Date:	10/10/2005
Sample Date:	10/07/2005	Prep Date:	10/14/2005
Sample Time:	1025	Analysis Date:	10/14/2005
Matrix:	Water	QC Batch:	20051013
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	97%	1
Toluene-d8	88-110	SLSA	100%	1
Dibromofluoromethane	86-115	SLSA	96%	1

Approved by: William H Potts Date: 10/27/05

Lab Report No.: 4666 Date: 10/26/2005

Project Name:	1980 SEBASTOPOL	Analysis:	VOCs by GC/MS Fuel Additives Plus BTEX
Project No:	646	Method:	8260FAB
		Prep Meth:	SW5030B

Field ID:	MW-16A	Lab Samp ID:	4666-12
Descr/Location:	MW-16A	Rec'd Date:	10/10/2005
Sample Date:	10/07/2005	Prep Date:	10/14/2005
Sample Time:	1214	Analysis Date:	10/14/2005
Matrix:	Water	QC Batch:	20051013
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Methyl-tert-butyl ether (MTBE)	38.	100.	PQL		ND	UG/L	100
Ethyl tert-butyl ether (ETBE)	30.	100.	PQL		ND	UG/L	100
tert-Amyl methyl ether (TAME)	26.	100.	PQL		ND	UG/L	100
Di-isopropyl ether (DIPE)	37.	100.	PQL		ND	UG/L	100
tert-Butyl alcohol (TBA)	240.	1000.	PQL		ND	UG/L	100
1,2-Dichloroethane	30.	50.	PQL		ND	UG/L	100
1,2-Dibromoethane	30.	50.	PQL		ND	UG/L	100
Benzene	27.	50.	PQL		5441.	UG/L	100
Toluene	25.	50.	PQL		329.	UG/L	100
Ethylbenzene	25.	50.	PQL		1820.	UG/L	100
Xylenes	25.	50.	PQL		4470.	UG/L	100

SURROGATE AND INTERNAL STANDARD RECOVERIES:

4-Bromofluorobenzene	86-118	SLSA	95%	1
Toluene-d8	88-110	SLSA	101%	1
Dibromofluoromethane	86-115	SLSA	97%	1

Approved by: Wallace H Patty Date: 10/27/05

Project Name:	1980 SEBASTOPOL	Analysis:	VOCs by GC/MS Fuel Additives Plus BTEX
Project No:	646.070	Method:	8260FAB
		Prep Meth:	SW5030B

Field ID:	MW-16B	Lab Samp ID:	4666-13
Descr/Location:	MW-16B	Rec'd Date:	10/10/2005
Sample Date:	10/07/2005	Prep Date:	10/14/2005
Sample Time:	1320	Analysis Date:	10/14/2005
Matrix:	Water	QC Batch:	20051013
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Methyl-tert-butyl ether (MTBE)	1.9	5.0	PQL		ND	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		ND	UG/L	5
1,2-Dibromoethane	1.5	2.5	PQL		ND	UG/L	5
Benzene	1.4	2.5	PQL	DX	ND	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		2.76	UG/L	5
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		86-118	SLSA		98%		1
Toluene-d8		88-110	SLSA		101%		1
Dibromofluoromethane		86-115	SLSA		97%		1

DX: Value < lowest standard (MQL), but > than MDL

Approved by: William H Patty Date: 10/27/05

Project Name:	1980 SEBASTOPOL	Analysis:	VOCs by GC/MS Fuel Additives Plus BTEX
Project No:	646.070	Method:	8260FAB
		Prep Meth:	SW5030B

Field ID:	MW-16C	Lab Samp ID:	4666-14
Descr/Location:	MW-16C	Rec'd Date:	10/10/2005
Sample Date:	10/07/2005	Prep Date:	10/14/2005
Sample Time:	1415	Analysis Date:	10/14/2005
Matrix:	Water	QC Batch:	20051013
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Methyl-tert-butyl ether (MTBE)	0.38	1.0	PQL		1.16	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	98%	1
Toluene-d8	88-110	SLSA	101%	1
Dibromofluoromethane	86-115	SLSA	97%	1

Approved by: William H Patty Date: 10/27/05

Project Name:	1980 SEBASTOPOL	Analysis:	VOCs by GC/MS Fuel Additives Plus BTEX
Project No:	646.070	Method:	8260FAB
		Prep Meth:	SW5030B

Field ID:	MW-2	Lab Samp ID:	4666-2
Descr/Location:	MW-2	Rec'd Date:	10/10/2005
Sample Date:	10/07/2005	Prep Date:	10/14/2005
Sample Time:	1138	Analysis Date:	10/14/2005
Matrix:	Water	QC Batch:	20051013
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Methyl-tert-butyl ether (MTBE)	7.6	20.	PQL		ND	UG/L	20
Ethyl tert-butyl ether (ETBE)	6.0	20.	PQL		ND	UG/L	20
tert-Amyl methyl ether (TAME)	5.2	20.	PQL		ND	UG/L	20
Di-isopropyl ether (DIPE)	7.4	20.	PQL		ND	UG/L	20
tert-Butyl alcohol (TBA)	48.	200.	PQL		ND	UG/L	20
1,2-Dichloroethane	6.0	10.	PQL		ND	UG/L	20
1,2-Dibromoethane	6.0	10.	PQL		ND	UG/L	20
Benzene	5.4	10.	PQL		270.	UG/L	20
Toluene	5.0	10.	PQL		74.2	UG/L	20
Ethylbenzene	5.0	10.	PQL		821.	UG/L	20
Xylenes	5.0	10.	PQL		1250.	UG/L	20

SURROGATE AND INTERNAL STANDARD RECOVERIES:				
4-Bromofluorobenzene	86-118	SLSA	94%	1
Toluene-d8	88-110	SLSA	103%	1
Dibromofluoromethane	86-115	SLSA	100%	1

Approved by: William H Potts Date: 10/27/05

Project Name:	1980 SEBASTOPOL	Analysis:	VOCs by GC/MS Fuel Additives Plus BTEX
Project No:	646.070	Method:	8260FAB
		Prep Meth:	SW5030B

Field ID:	MW-4	Lab Samp ID:	4666-3
Descr/Location:	MW-4	Rec'd Date:	10/10/2005
Sample Date:	10/07/2005	Prep Date:	10/14/2005
Sample Time:	1221	Analysis Date:	10/14/2005
Matrix:	Water	QC Batch:	20051013
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		0.76	UG/L	1

SURROGATE AND INTERNAL STANDARD RECOVERIES:

4-Bromofluorobenzene	86-118	SLSA	96%	1
Toluene-d8	88-110	SLSA	100%	1
Dibromofluoromethane	86-115	SLSA	95%	1

Approved by: William H Patty Date: 10/27/05

Project Name:	1980 SEBASTOPOL	Analysis:	VOCs by GC/MS Fuel Additives Plus BTEX
Project No:	646.070	Method:	8260FAB
		Prep Meth:	SW5030B

Field ID:	MW-5	Lab Samp ID:	4666-4
Descr/Location:	MW-5	Rec'd Date:	10/10/2005
Sample Date:	10/07/2005	Prep Date:	10/14/2005
Sample Time:	1126	Analysis Date:	10/14/2005
Matrix:	Water	QC Batch:	20051013
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		1.49	UG/L	1
Toluene	0.25	0.50	PQL		ND	UG/L	1
Ethylbenzene	0.25	0.50	PQL		1.63	UG/L	1
Xylenes	0.25	0.50	PQL		0.99	UG/L	1

SURROGATE AND INTERNAL STANDARD RECOVERIES:

4-Bromofluorobenzene	86-118	SLSA	98%	1
Toluene-d8	88-110	SLSA	100%	1
Dibromofluoromethane	86-115	SLSA	97%	1

Approved by: William H Poty Date: 10/27/05

Lab Report No.: 4666 Date: 10/26/2005

Project Name:	1980 SEBASTOPOL	Analysis:	VOCs by GC/MS Fuel Additives Plus BTEX
Project No:	646.070	Method:	8260FAB
		Prep Meth:	SW5030B

Field ID:	MW-6	Lab Samp ID:	4666-5
Descr/Location:	MW-6	Rec'd Date:	10/10/2005
Sample Date:	10/07/2005	Prep Date:	10/14/2005
Sample Time:	1446	Analysis Date:	10/14/2005
Matrix:	Water	QC Batch:	20051013
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		96%		1
Toluene-d8		88-110	SLSA		100%		1
Dibromofluoromethane		86-115	SLSA		93%		1

Approved by: Wallace H Patz Date: 10/27/05

Project Name:	1980 SEBASTOPOL	Analysis:	VOCs by GC/MS Fuel Additives Plus BTEX
Project No:	646.070	Method:	8260FAB
		Prep Meth:	SW5030B

Field ID:	MW-7	Lab Samp ID:	4666-6
Descr/Location:	MW-7	Rec'd Date:	10/10/2005
Sample Date:	10/07/2005	Prep Date:	10/14/2005
Sample Time:	1518	Analysis Date:	10/14/2005
Matrix:	Water	QC Batch:	20051013
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	96%	1
Toluene-d8	88-110	SLSA	101%	1
Dibromofluoromethane	86-115	SLSA	94%	1

Approved by: William H Potts Date: 10/27/05

Project Name:	1980 SEBASTOPOL	Analysis:	VOCs by GC/MS Fuel Additives Plus BTEX
Project No:	646.070	Method:	8260FAB
		Prep Meth:	SW5030B

Field ID:	MW-9	Lab Samp ID:	4666-7
Descr/Location:	MW-9	Rec'd Date:	10/10/2005
Sample Date:	10/07/2005	Prep Date:	10/14/2005
Sample Time:	1526	Analysis Date:	10/14/2005
Matrix:	Water	QC Batch:	20051013
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	96%	1
Toluene-d8	88-110	SLSA	102%	1
Dibromofluoromethane	86-115	SLSA	93%	1

Approved by: William H Poty Date: 10/27/05

Project Name:	1980 SEBASTOPOL	Analysis:	Total Petroleum Hydrocarbons (TPH) by GC/MS
Project No:	646.070	Method:	8260TPH
		Prep Meth:	SW5030B

Field ID:	MW-1	Lab Samp ID:	4566-1
Descr/Location:	MW-1	Rec'd Date:	10/10/2005
Sample Date:	10/07/2005	Prep Date:	10/14/2005
Sample Time:	1040	Analysis Date:	10/14/2005
Matrix:	Water	QC Batch:	20051013
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	0.80	1.0	PQL		42	MG/L	20
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		86-115	SLSA		98%		1

Approved by: William M Roth Date: 10/27/05

Project Name:	1980 SEBASTOPOL	Analysis:	Total Petroleum Hydrocarbons (TPH) by GC/MS
Project No:	646.070	Method:	8260TPH
		Prep Meth:	SW5030B

Field ID:	MW-10	Lab Samp ID:	4666-8
Descr/Location:	MW-10	Rec'd Date:	10/10/2005
Sample Date:	10/07/2005	Prep Date:	10/14/2005
Sample Time:	1521	Analysis Date:	10/14/2005
Matrix:	Water	QC Batch:	20051013
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		86-115	SLSA		97%		1

Approved by: William H Potts Date: 10/27/05

Project Name:	1980 SEBASTOPOL	Analysis:	Total Petroleum Hydrocarbons (TPH) by GC/MS
Project No:	646.070	Method:	8260TPH
		Prep Meth:	SW5030B

Field ID:	MW-11	Lab Samp ID:	4666-9
Descr/Location:	MW-11	Rec'd Date:	10/10/2005
Sample Date:	10/07/2005	Prep Date:	10/14/2005
Sample Time:	1337	Analysis Date:	10/14/2005
Matrix:	Water	QC Batch:	20051013
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		86-115	SLSA		97%		1

Approved by: William H Potts Date: 10/27/05

Project Name:	1980 SEBASTOPOL	Analysis:	Total Petroleum Hydrocarbons (TPH) by GC/MS
Project No:	646.070	Method:	8260TPH
		Prep Meth:	SW5030B

Field ID:	MW-12	Lab Samp ID:	4666-10
Descr/Location:	MW-12	Rec'd Date:	10/10/2005
Sample Date:	10/07/2005	Prep Date:	10/14/2005
Sample Time:	1317	Analysis Date:	10/14/2005
Matrix:	Water	QC Batch:	20051013
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		86-115	SLSA		98%		1

Approved by: William H Patty Date: 10/27/05

Project Name:	1980 SEBASTOPOL	Analysis:	Total Petroleum Hydrocarbons (TPH) by GC/MS
Project No:	646.070	Method:	8260TPH
		Prep Meth:	SW5030B

Field ID:	MW-13	Lab Samp ID:	4666-11
Descr/Location:	MW-13	Rec'd Date:	10/10/2005
Sample Date:	10/07/2005	Prep Date:	10/14/2005
Sample Time:	1025	Analysis Date:	10/14/2005
Matrix:	Water	QC Batch:	20051013
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		86-115	SLSA		97%		1

Approved by: William H Potts Date: 10/27/05

Project Name:	1980 SEBASTOPOL	Analysis:	Total Petroleum Hydrocarbons (TPH) by GC/MS
Project No:	646	Method:	8260TPH
		Prep Meth:	SW5030B

Field ID:	MW-16A	Lab Samp ID:	4666-12
Descr/Location:	MW-16A	Rec'd Date:	10/10/2005
Sample Date:	10/07/2005	Prep Date:	10/14/2005
Sample Time:	1214	Analysis Date:	10/14/2005
Matrix:	Water	QC Batch:	20051013
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	4.0	5.0	PQL		48	MG/L	100
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		86-115	SLSA		95%		1

Approved by: William H Poty Date: 10/27/05

Project Name:	1980 SEBASTOPOL	Analysis:	Total Petroleum Hydrocarbons (TPH) by GC/MS
Project No:	646.070	Method:	8260TPH
		Prep Meth:	SW5030B

Field ID:	MW-16B	Lab Samp ID:	4666-13
Descr/Location:	MW-16B	Rec'd Date:	10/10/2005
Sample Date:	10/07/2005	Prep Date:	10/14/2005
Sample Time:	1320	Analysis Date:	10/14/2005
Matrix:	Water	QC Batch:	20051013
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	0.20	0.25	PQL		ND	MG/L	5
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		86-115	SLSA		98%		1

Approved by: William H Patty Date: 10/27/05

Project Name:	1980 SEBASTOPOL	Analysis:	Total Petroleum Hydrocarbons (TPH) by GC/MS
Project No:	646.070	Method:	8260TPH
		Prep Meth:	SW5030B

Field ID:	MW-16C	Lab Samp ID:	4666-14
Descr/Location:	MW-16C	Rec'd Date:	10/10/2005
Sample Date:	10/07/2005	Prep Date:	10/14/2005
Sample Time:	1415	Analysis Date:	10/14/2005
Matrix:	Water	QC Batch:	20051013
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		86-115	SLSA		98%		1

Approved by: William H Patty Date: 10/27/05

Project Name:	1980 SEBASTOPOL	Analysis:	Total Petroleum Hydrocarbons (TPH) by GC/MS
Project No:	646.070	Method:	8260TPH
		Prep Meth:	SW5030B

Field ID:	MW-2	Lab Samp ID:	4666-2
Descr/Location:	MW-2	Rec'd Date:	10/10/2005
Sample Date:	10/07/2005	Prep Date:	10/14/2005
Sample Time:	1138	Analysis Date:	10/14/2005
Matrix:	Water	QC Batch:	20051013
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	0.80	1.0	PQL		31.	MG/L	20
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		86-115	SLSA		98%		1

Approved by: Wallace H Porter Date: 10/27/05

Project Name:	1980 SEBASTOPOL	Analysis:	Total Petroleum Hydrocarbons (TPH) by GC/MS
Project No:	646.070	Method:	8260TPH
		Prep Meth:	SW5030B

Field ID:	MW-4	Lab Samp ID:	4666-3
Descr/Location:	MW-4	Rec'd Date:	10/10/2005
Sample Date:	10/07/2005	Prep Date:	10/14/2005
Sample Time:	1221	Analysis Date:	10/14/2005
Matrix:	Water	QC Batch:	20051013
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		86-115	SLSA		96%		1

Approved by: William H Potts Date: 10/27/05

Project Name:	1980 SEBASTOPOL	Analysis:	Total Petroleum Hydrocarbons (TPH) by GC/MS
Project No:	646.070	Method:	8260TPH
		Prep Meth:	SW5030B

Field ID:	MW-5	Lab Samp ID:	4666-4
Descr/Location:	MW-5	Rec'd Date:	10/10/2005
Sample Date:	10/07/2005	Prep Date:	10/14/2005
Sample Time:	1126	Analysis Date:	10/14/2005
Matrix:	Water	QC Batch:	20051013
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	0.04	0.05	PQL		2.5	MG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		86-115	SLSA		98%		1

Approved by: Wallace H Porter Date: 10/27/05

Project Name:	1980 SEBASTOPOL	Analysis:	Total Petroleum Hydrocarbons (TPH) by GC/MS
Project No:	646.070	Method:	8260TPH
		Prep Meth:	SW5030B

Field ID:	MW-6	Lab Samp ID:	4666-5
Descr/Location:	MW-6	Rec'd Date:	10/10/2005
Sample Date:	10/07/2005	Prep Date:	10/14/2005
Sample Time:	1446	Analysis Date:	10/14/2005
Matrix:	Water	QC Batch:	20051013
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	0.04	0.05	PQL		0.39	MG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		86-115	SLSA		96%		1

Approved by: William A Poth Date: 10/27/05

Project Name:	1980 SEBASTOPOL	Analysis:	Total Petroleum Hydrocarbons (TPH) by GC/MS
Project No:	646.070	Method:	8260TPH
		Prep Meth:	SW5030B

Field ID:	MW-7	Lab Samp ID:	4666-6
Descr/Location:	MW-7	Rec'd Date:	10/10/2005
Sample Date:	10/07/2005	Prep Date:	10/14/2005
Sample Time:	1518	Analysis Date:	10/14/2005
Matrix:	Water	QC Batch:	20051013
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		86-115	SLSA		96%		1

Approved by: William H Roth Date: 10/27/05

Project Name:	1980 SEBASTOPOL	Analysis:	Total Petroleum Hydrocarbons (TPH) by GC/MS
Project No:	646.070	Method:	8260TPH
		Prep Meth:	SW5030B

Field ID:	MW-9	Lab Samp ID:	4666-7
Descr/Location:	MW-9	Rec'd Date:	10/10/2005
Sample Date:	10/07/2005	Prep Date:	10/14/2005
Sample Time:	1526	Analysis Date:	10/14/2005
Matrix:	Water	QC Batch:	20051013
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		86-115	SLSA		96%		1

Approved by: William M Potts Date: 10/27/05

QA/QC Report
Method Blank Summary

Bace Analytical, Windsor, CA

Lab Report No.: 4666 Date: 10/26/2005

QC Batch:	20051013	Analysis:	VOCs by GC/MS Fuel Additives Plus BTEX
Matrix:	Water	Method:	8260FAB
Lab Samp ID:	4666MB	Prep Meth:	SW5030B
Analysis Date:	10/14/2005	Prep Date:	10/14/2005
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		101%		1
Toluene-d8		88-110	SLSA		103%		1
Dibromofluoromethane		86-115	SLSA		100%		1

QA/QC Report
Method Blank Summary

Bace Analytical, Windsor, CA

Lab Report No.: 4666 Date: 10/26/2005

QC Batch:	20051013	Analysis:	Total Petroleum Hydrocarbons (TPH) by
Matrix:	Water	Method:	8260TPH
Lab Samp ID:	4666MB	Prep Meth:	SW5030B
Analysis Date:	10/14/2005	Prep Date:	10/14/2005
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		86-115	SLSA		100%		1

QA/QC Report
Matrix Spike/Duplicate Matrix Spike Summary

Bace Analytical, Windsor, CA

Lab Report No.: 4666 Date: 10/26/2005

QC Batch: 20051013
Matrix: Water
Lab Samp ID: 4666MS
Basis: Not Filtered

Project Name: 1980 SEBASTOPOL ROAD
Project No.: 646.070
Field ID: MW-4
Lab Ref ID: 4666-3

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	9.72	9.95	UG/L	97.2	99.5	2.3	130-70	MSA	20MSP
1,2-Dichloroethane	8260FAB	10.0	10.0	ND	9.16	9.31	UG/L	91.6	93.1	1.6	130-70	MSA	20MSP
Benzene	8260FAB	10.0	10.0	ND	10.0	10.0	UG/L	100	100	0.00	127-76	MSA	20MSP
Di-isopropyl ether (DIPE)	8260FAB	10.0	10.0	ND	8.84	8.83	UG/L	88.4	88.3	0.11	130-70	MSA	20MSP
Ethyl tert-butyl ether (ETBE)	8260FAB	10.0	10.0	ND	8.44	8.47	UG/L	84.4	84.7	0.35	130-70	MSA	20MSP
Ethylbenzene	8260FAB	10.0	10.0	ND	8.10	8.62	UG/L	81.0	86.2	6.2	130-70	MSA	20MSP
Methyl-tert-butyl ether (MTBE)	8260FAB	10.0	10.0	ND	7.93	8.10	UG/L	79.3	81.0	2.1	130-70	MSA	20MSP
Toluene	8260FAB	10.0	10.0	ND	9.04	9.26	UG/L	90.4	92.6	2.4	125-76	MSA	20MSP
Xylenes	8260FAB	30.	30.	0.76	24.0	25.7	UG/L	77.5	83.1	7.0	130-70	MSA	20MSP
tert-Amyl methyl ether (TAME)	8260FAB	10.0	10.0	ND	8.10	8.31	UG/L	81.0	83.1	2.6	130-70	MSA	20MSP
tert-Butyl alcohol (TBA)	8260FAB	50.0	50.0	ND	40.2	43.9	UG/L	80.4	87.8	8.8	140-60	MSA	25MSP
4-Bromofluorobenzene	8260FAB	100.	100.	96.	98.	96.	PERCENT	98.0	96.0	2.1	118-86	SLSA	20SLSP
Dibromofluoromethane	8260FAB	100.	100.	95.	98.	99.	PERCENT	98.0	99.0	1.0	115-86	SLSA	20SLSP
Toluene-d8	8260FAB	100.	100.	100.	101.	102.	PERCENT	101	102	0.99	110-88	SLSA	20SLSP

QA/QC Report
Matrix Spike/Duplicate Matrix Spike Summary

Bace Analytical, Windsor, CA

Lab Report No.: 4666 Date: 10/26/2005

QC Batch: 20051013
Matrix: Water
Lab Samp ID: 4666MS
Basis: Not Filtered

Project Name: 1980 SEBASTOPOL ROAD
Project No.: 646.070
Field ID: MW-5
Lab Ref ID: 4666-4

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	Acceptance Criteria RPD
Gasoline Range Organics (C5-C12)	8260TPH	0.50	0.50	2.5	3.0	3.3	MG/L	100	160!	46!	130-70	MSA	20MSP
4-Bromofluorobenzene	8260TPH	100.	100.	98.	95.	95.	PERCENT	95.0	95.0	0.00	115-86	SLSA	20SLSP

Chain-of Custody Form

Project # 646.070

Project Name: BERTOLI 1980 SEBASTOPOL RD, SANTA ROSA, CA.

L.P. No.

Sampler's Signature: Chris Scott / [illegible]

C.O.C. No. 11138

Remarks: STANDARD TAT

Date Sampled	Sample I.D.	Time (24 Hour)	Sample Type	No. of Containers	TPH-GAS	EPA 8260B - OXYGENATES, LEAD SCAVENGERS & BTEX										Remarks
10-7-05	MW-1	1040	WATER	4	X	X										46660-1
	MW-2	1138			X	X										-2
	MW-4	1221			X	X										-3
	MW-5	1126			X	X										-4
	MW-6	1446			X	X										-5
	MW-7	1518			X	X										-6
	MW-9	1526			X	X										-7
	MW-10	1521			X	X										-8
	MW-11	1337			X	X										-9
	MW-12	1317			X	X										-10
	MW-13	1025			X	X										-11
	MW-16A	1214			X	X										-12
	MW-16B	1320			X	X										-13
	MW-16C	1415			X	X										-14

Laboratory: LENNEX

Preservation: A - HCL: B - H2SO4: C - NaOH: D - HNO3: E - Ice: F - (specify)

Relinquished by: (signed) Chris Scott	Date/Time 10/7/05 1657	Received by: (signed) [illegible] 10/10/05 845	Remarks: STANDARD TAT
Relinquished by: (signed)	Date/Time	Received by: (signed) [illegible]	ATTN: BILL COSET
Relinquished by: (signed)	Date/Time	Received for Laboratory by: (signed)	

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