SOIL AND GROUNDWATER INVESTIGATION AND GROUNDWATER MONITORING REPORT

200 Morris Street
Sebastopol, California

October 31, 2005

Project No. 780

SOIL AND GROUNDWATER INVESTIGATION AND GROUNDWATER MONITORING REPORT

200 Morris Street
Sebastopol, California

Prepared for:

Mr. Ken Martin, Sr.
P. O. Box 11218
Santa Rosa, California 95406

Prepared by:

Brunsing Associates, Inc.
P. O. Box 588
Windsor, California 95492
(707) 838-3027

Project No. 780

Author:

David E. Conley, P.G.
Senior Geologist

Reviewer:

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

LIST OF TABLES, PLATES AND APPENDICES

TABLES

Table 1. Well Construction Details
Table 2. Analytical Results For Soil Samples Collected From Borings Since 1995
Table 3. Groundwater Analytical Results Since 1991
Table 4. Analytical Results for Groundwater Samples Collected from Borings
Table 5. Groundwater Elevation Data Since 1997

PLATES

Plate 1. Site Vicinity Map
Plate 2. Site Map
Plate 3. Groundwater Elevations, Deep Wells, August 18, 2005

APPENDICES

Appendix A. Boring Logs and Monitoring Well Completion Details
Appendix B. Ray Carlson & Associates, Inc. Survey Data
Appendix C. Monitoring Well Development and Groundwater Sampling Field Forms and Logs
Appendix D. Groundwater Sampling Protocol
Appendix E. Analytical Laboratory Reports for Soil Samples
Appendix F. Analytical Laboratory Report for Groundwater Samples

TABLE OF CONTENTS

		PAGE
Table of Contents		i
List of Tables, Plates and Appendices		ii
1.0	INTRODUCTION	1
2.0	SITE HISTORY	1
3.0	FIELD INVESTIGATION	3
3.1	Well and Boring Locations	3
3.2	Drilling and Soil Sampling	3
3.3	Grab-Groundwater Sample Collection	4
3.4	Monitoring Well Construction	4
3.5	Monitoring Well Development	5
3.6	Monitoring Well Sampling	5
3.7	Chemical Analyses	6
4.0	SOIL AND GROUNDWATER INVESTIGATION RESULTS	6
4.1	Soil Analytical Results	6
4.2	Groundwater Analytical Results	7
4.3	Groundwater Flow Direction and Gradient	7
5.0	MONITORING WELL MW-2 ABANDONMENT	8
6.0	CONCLUSIONS AND RECOMMENDATIONS	9
7.0	DISTRIBUTION	11
TABLES		
PLATES		
APPENDICES		

1.0 INTRODUCTION

This report presents the results of the installation of three groundwater monitoring wells, drilling of two soil borings, abandonment of well MW-2, and quarterly groundwater monitoring performed at 200 Morris Street, Sebastopol, California (Plate 1). Groundwater monitoring wells MW-21, MW-22, and MW-23 (Plate 2) were drilled and installed between July 12, 2005 and August 10, 2005, and soil borings H-19 and H-20 were drilled on August 8 and 9, 2005 respectively. The newly installed monitoring wells (MW-21, MW-22, and MW-23) and wells MW-8, MW-9, MW-10, MW-16, MW-17, MW-18, MW-19, and MW-20, were sampled on August 18 and 19, 2005. Depths to water were measured on August 18, 2005.

2.0 SITE HISTORY

The site was developed in 1940 and was occupied by The Barlow Company (Barlow) from 1973 to 2004. Two areas, designated as Tank Area No. 1 and Tank Area No. 2 (Plate 2), have been the primary focus of investigations at the site. Groundwater monitoring has been ongoing and is associated primarily with Tank Area No. 2.

Improvements to the storm sewer system (storm drain) were carried out during 1992 by tunneling beneath the main building. At that time, a gasoline odor was detected. A 550-gallon gasoline underground storage tank located beneath the building at Tank Area No. 2 was removed on March 20, 1992 (Plate 2). From 1991 through 1993, 11 monitoring wells and one piezometer were installed and soil probes SP-1 through SP-12, borings B-1 through B-13, and borings K-1 through K-6 were drilled and sampled under the direction of Kleinfelder, Inc. A summary of the investigations performed by Kleinfelder, Inc. is included in Kleinfelder's "Addendum Workplan for Soil and Ground Water Assessment, Barlow Company, 200 Morris Street, Sebastopol, California", dated April 27, 1994.

An additional investigation was performed by Brunsing Associates, Inc. (BAI) in November and December 1995 and January 1996. The results are presented in BAI's report dated February 22, 1996. BAI's investigation included the installation of two monitoring wells (MW-12 and MW-13), three piezometers (P-2, P-3, and P-4), one groundwater extraction well (EX-1), one vapor extraction well (VEW-1), and three soil vapor pressure probes (PP-1, PP-2, and PP-3; Plate 2). An aquifer test and a soil vapor extraction pilot study were also performed to provide data for evaluation of remedial options.

In April 1997, a sensitive receptor survey was performed by BAI. The sensitive receptor survey identified the onsite production well as the only well within a 500-foot radius of Tank Area 2. The production well was used to provide coolant water for the Barlow apple processing plant. In November 1997, a groundwater sample was collected from the production well and analyzed for total petroleum hydrocarbons (TPH) as gasoline,

benzene, toluene, ethylbenzene, and xylenes (BTEX), and volatile organic compounds (VOCs) using EPA Test Method 8010. The groundwater sample collected from the production well reportedly contained 0.9 micrograms per liter (μg/l) of 1,2-dichloroethane (1,2-DCA), but no other compounds.

Historically, floating product was measured in the casing of well MW-1 at thicknesses ranging from 0.20 to 4.03 feet. Because the screen interval for well MW-1 is from 13 to 25 feet below ground surface (bgs) and the depth to the fluid/air interface historically ranged from 9.83 to 16.90 feet below the top of casing at well MW-1, well MW-14 was installed in December 1998 approximately 3 feet away from well MW-1 with a screen interval of 5 to 25 feet bgs, using resin coated sand (AC PAK 12/20) for the filter pack material.

BAI prepared an Interim Remediation Workplan dated October 28, 1999 that proposed extracting soil vapors from well MW-14. A soil vapor extraction system with above ground piping to well MW-14 was installed. From September 2000 until December 2001, the soil vapor extraction system operated intermittently. The results of the soil vapor extraction were presented in BAI's letter dated June 6, 2002.

In 2001 and 2002, BAI performed a two-phase investigation, which included the drilling and sampling of 18 soil borings. The purpose of the investigation was to evaluate the vertical and lateral extent of groundwater contamination and to investigate potential sources of groundwater contamination on the Barlow property. This data was presented in BAI's "Soil and Groundwater Investigation Report", dated January 17, 2003. In that report, BAI recommended that an additional investigation be performed and that quarterly groundwater monitoring be continued.

BAI also prepared an Interim Remediation Workplan, dated February 27, 2003 to address the floating product. In accordance with discussions with the Sonoma County Department of Health Services - Environmental Health Division (SCDHS-EHD) and the California Underground Storage Tank Cleanup Fund (Fund), the interim remediation was on hold until a deeper well was installed inside the building to monitor floating product. Monitoring well MW-15 was installed in February 2004 to monitor floating product. A remediation system was subsequently installed and connected to well MW-15. The system started operating in June 2005.

The borings for wells MW-16, MW-17, MW-18, MW-19, and MW-20 were drilled, and the wells installed between September 1, 2004 and October 4, 2004. The additional monitoring wells were installed to monitor the floating product and dissolved hydrocarbons plume beneath the building. The results of this investigation are included in BAI's "Soil and Groundwater Investigation and Groundwater Monitoring Report", dated February 9, 2005.

3.0 FIELD INVESTIGATION

3.1 Well and Boring Locations

The soil and groundwater investigation performed by BAI included collecting soil samples for laboratory analysis from two soil borings which were converted to monitoring wells MW-21 and MW-22, and grab-groundwater samples from soil borings H-19 and H-20. No soil samples from borings H-19, H-20, and MW-23 were analyzed because of the large distance the borings were drilled from the contamination source area.

Groundwater monitoring well MW-21 was installed on July 12, 2005, in the onsite building, approximately 150 feet north-northeast of monitoring well MW-15 (Plate 2). Because high concentrations of petroleum hydrocarbons were reported in soil samples collected from well boring MW-15, from 5 to 20 feet bgs, and well MW-15 is screened from 25 to 45 feet bgs, a shallow vapor extraction well (MW-22) was installed approximately 5 feet west of well MW-15 for vapor remediation.

Well MW-23 was installed to monitor groundwater in the area of the contaminant plume down-gradient of the former UST location in the vicinity of deep well MW-10 and shallow well MW-12, which is presently dry. The monitoring well details, including lithologic descriptions, are presented in Appendix A.

Boring H-19 was drilled south of boring H-10 and boring H-20 will be drilled northwest of boring H-7 to evaluate the vertical and lateral extent of groundwater contamination in these areas.

Monitoring well MW-2, which for several years has contained chlorinated water, presumably from a pipe leak in the vicinity of the onsite building, was abandoned on July 13, 2005. The source of the chlorinated water has not been identified. Well MW-2 was abandoned in an attempt to prevent chlorinated water from migrating downward into the water bearing zone(s).

3.2 Drilling and Soil Sampling

Prior to drilling, a drilling permit was obtained from the SCDHS-EHD, and Underground Service Alert was contacted to locate underground utilities in the area. All soil borings and monitoring well borings were drilled by a C-57 licensed well driller, using a truck-mounted drill rig and 8-inch diameter hollow-stem augers. The soil borings were grouted to the ground surface following collection of groundwater samples.

The borings were logged by a BAI geologist using the Unified Soil Classification System (USCS). The boring logs are presented in Appendix A. Soil samples were collected and logged generally at minimum 5-foot intervals using a split-spoon sampler lined with brass

tubes. Selected soil samples from the borings were screened in the field for volatile organic compounds using a photoionization detector (PID). Soil samples from well boring MW-22 were not screened in the field because the PID malfunctioned. For soil samples that field screening indicated low or non-detectable levels of contamination, soil samples for analysis were collected in EnCore type sampling containers and submitted for laboratory analysis by EPA Test Method 5035, as required by the North Coast Regional Water Quality Control Board (RWQCB).

Seven soil samples were selected for laboratory analysis. The soil sample tubes and EnCore type containers were sealed with plastic caps, labeled, and stored in a cooled ice chest until delivery to BACE Analytical & Field Services (BAFS), a California-certified laboratory. A chain-of-custody form was completed and submitted to the analytical laboratory with the samples.

3.3 Grab-Groundwater Sample Collection

Grab-groundwater samples were collected from soil boring H-19 at 35 and 55 feet bgs, and from soil boring H-20 at 35 and 55 feet bgs. The first (upper) sample from each boring was collected by lowering a clean, factory sealed, polyethylene bailer directly into the augers. The second (deeper) grab-groundwater sample from each boring was collected by driving a Hydropunch sampling device into native soil below the bottom of the boring. The Hydropunch screen was exposed to allow depth discrete water to enter the sampler. A bailer was then lowered into the sampler and a sample was retrieved. All of the samples were decanted into laboratory-supplied containers, appropriate for the analysis specified. The containers were sealed, labeled, and stored in a cooled ice chest. The samples were delivered to BAFS under chain-of-custody protocol.

All drilling and sampling equipment was cleaned prior to drilling, and prior to each subsequent use, by steam cleaning or washing with a laboratory detergent. Soil cuttings and steam cleaning water were placed in 55-gallon DOT approved drums and stored onsite prior to disposal.

3.4 Monitoring Well Construction

Monitoring wells MW-21, MW-22, and MW-23 were constructed with 2-inch diameter, Schedule 40, flush joint, threaded PVC pipe, inside eight-inch diameter boreholes. The screened portions of the wells were constructed with 0.010-inch factory-slotted screen. A threaded bottom cap was placed on the end of each well screen to prevent sediment from entering the well.

Monitoring wells MW-21 and MW-23 were constructed to total depths of approximately 45 feet bgs, with 15 feet of well screen. Well MW-22 was constructed to a total depth of approximately 25 feet bgs, with 20 feet of well screen. After setting the well casings in the

borings, a filter pack of Lonestar #2/12 sand was poured into the annular space between the well casing and the monitoring well borehole up to a level two feet above the top of the well screen in wells MW-21 and MW-23, and one foot in well MW-22. A one to two-foot thick bentonite seal was placed in the annular space above the sand pack after the drill augers were removed. A cement/bentonite grout was placed above the bentonite seal to near ground surface. Completion of each well consisted of a utility box set at grade in a concrete footing, and a locking, watertight cap on the PVC casing. After well installation, well MW-22 was connected to the interim remediation system. Well construction details are summarized in Table 1. Monitoring well construction details are presented in Appendix A.

Ray Carlson & Associates, Inc. surveyed the top of well casing elevations, relative to mean sea level, and the well locations on August 19, 2005. The survey data is included in Appendix B.

3.5 Monitoring Well Development

BAI personnel developed monitoring well MW-21 on July 18, 2005 and well MW-23 on August 17, 2005. Well MW-22 was not developed because it did not penetrate a water bearing zone. Well development was accomplished through alternate surging of the well casing with a surge block and evacuation of water from the casing with a hand-held bailer. A minimum of five well volumes of water was removed from each well. Periodic measurements of pH, temperature, and specific conductivity were collected during development. Purge water from the development process was stored on site in DOT-approved 55-gallon drums. Copies of the well development field notes are included in Appendix C.

3.6 Monitoring Well Sampling

BAI personnel measured groundwater levels in monitoring wells MW-8 through MW-11, and MW-15 through MW-21, and MW-23 on August 18, 2005. Floating product was measured in well MW-15 at a thickness of 3.37 feet. On August 18, 2005, City of Sebastopol personnel measured the chlorine content in the water in all wells except well MW-15. The chlorine measurements are included on the field report in Appendix C.

Monitoring wells MW-17, MW-18, MW-20, and MW-21 were sampled on August 18, 2005, and wells MW-8 through MW-11, MW-16, MW-19, and MW-23 were sampled on August 19, 2005 as part of the quarterly groundwater monitoring program established for the site. Prior to collecting a groundwater sample from each monitoring well, a minimum of three casing volumes of water was purged from each well. Temperature, conductivity, and pH were also periodically checked for stabilization prior to sampling. Groundwater samples were placed in labeled, laboratory-provided containers and were immediately placed in a cooled ice chest pending delivery to the analytical laboratory. A chain-of-custody form

was completed and submitted to the laboratory with the samples. Groundwater sampling field forms and logs are provided in Appendix C, and the groundwater sampling protocol is presented in Appendix D.

3.7 Chemical Analyses

All soil and groundwater samples to be analyzed were submitted to BAFS, a state-certified analytical laboratory. The soil samples collected from the borings for wells MW-21 and MW-22 and the grab-groundwater samples were analyzed for TPH as gasoline by EPA Test Method 8260TPH, and for BTEX, volatile organic compounds by EPA Test Method SW8260B. The groundwater samples collected from the monitoring wells were analyzed for TPH as gasoline by EPA Test Method 8260TPH and for BTEX, petroleum oxygenates and lead scavengers by Method 8260FAB. A composite soil sample (SSP 1-4 comp) was also analyzed for total lead by Alpha Analytical for soil disposal purposes.

4.0 SOIL AND GROUNDWATER INVESTIGATION RESULTS

4.1 Soil Analytical Results

Two soil samples collected from well boring MW-21, at 25 and 30 feet bgs, were retained for laboratory analysis. Neither sample contained any of the analytes above their respective reporting limits.

In the sample collected from the MW-22 boring at 5 feet bgs, TPH as gasoline was reported at a concentration of 7,400 milligrams per kilogram (mg/kg), benzene was reported at a concentration of 7,620 micrograms per kilogram (μg/kg), toluene at 215,000 μg/kg, ethylbenzene at 136,000 μg/kg, and xylenes at 620,000 μg/kg. In the sample collected from well boring MW-22 at 10 feet bgs, TPH as gasoline was reported at 200 mg/kg, toluene was reported at 32,000 μg/kg, ethylbenzene at 1,650 μg/kg, and xylenes were reported at 7,900 μg/kg. TPH as gasoline, toluene, ethylbenzene, and xylenes were reported in the sample collected at 15 feet bgs at concentrations of 380 mg/kg, 11,800 μg/kg, 4,870 μg/kg, and 23,500 μg/kg, respectively. Toluene was reported at 6.96 μg/kg, and xylenes at 20.6 μg/kg, in the sample collected at 20 feet. In the sample collected from 25 feet bgs, TPH as gasoline was reported at 40 mg/kg, toluene at 141 μg/kg, ethylbenzene at 502 μg/kg, and xylenes at 2,410 μg/kg. Other constituents detected in these samples are listed in the footnotes on Table 2. Soil sample analytical data are summarized in Table 2. The soil analytical laboratory reports are provided in Appendix E.

4.2 Groundwater Analytical Results

After monitoring wells MW-21 and MW-23 were installed and developed, groundwater samples were collected from wells MW-8 through MW-11, and MW-16 through MW-21, and MW-23 on August 18 and 19, 2005. No sample was collected from well MW-15 due to the presence of floating product.

For the August 2005 sampling event, TPH as gasoline was detected in the samples collected from monitoring wells MW-8, MW-9, MW-10, MW-18 MW-19 and MW-20 at reported concentrations of 0.16, 0.38, 1.8, 16, 1.3, and 29 milligrams per liter (mg/l), respectively. The groundwater samples collected from wells MW-18 and MW-20 reportedly contained BTEX concentrations ranging from 531 to 3,860 μg/l. Benzene was reported in the MW-9, MW-10, MW-17, MW-19, and MW-21 samples at 18.1, 9.08, 21.8, 82.1, and 9.20 μg/l, respectively. Toluene was reported in wells MW-8 and MW-21 at concentrations of 1.43 μg/l and 3.48 μg/l, respectively. Ethylbenzene was reported in the sample collected from well MW-8 at 0.82 μg/l. Xylenes were also reported in well MW-8, MW-9, MW-10, and MW-21 at 4.98 μg/l, 2.15 μg/l, 0.77 μg/l, and 2.36 μg/l, respectively.

The compound 1,2-DCA was reported in the samples collected from well MW- 10, MW-16, MW-18, MW-19, and MW-21 at concentrations ranging from 3.09 μg/l to 153 μg/l. None of the analytes tested were detected at the laboratory reporting limits for the MW-23 groundwater sample. A summary of the groundwater analytical results is provided in Table 3. The groundwater analytical laboratory report is provided in Appendix F.

TPH as gasoline and BTEX were not reported in the grab groundwater samples collected from soil borings H-19 and H-20, except for 1.58 μg/l of benzene in the sample collected from approximately 40 feet bgs in boring H-19. MTBE was reported in the sample collected from 55-58 feet bgs in boring H-20 and 1,2-DCA was reported in the samples collected from approximately 40 feet bgs and 55-57 feet bgs in boring H-19, and in the sample collected at 55-58 feet bgs in boring H-20, at concentrations of 4.20 μg/l, 17.40 μg/l, and 0.78 μg/l, respectively. A summary of the grab groundwater analytical results is provided in Table 4. The groundwater analytical laboratory report is provided in Appendix F.

4.3 Groundwater Flow Direction and Gradient

The groundwater flow direction for the shallow water-bearing zone wells could not be calculated because of insufficient water-level data. Historically, shallow zone flow directions have been generally towards the east.

The groundwater elevations for the deep water-bearing zone wells are presented on Plate 3. As shown on Plate 3, lower groundwater elevations generally existed in the wells

installed inside the building. The lowest groundwater elevation was observed at well MW-19.

Attempts to contour the previous deep zone groundwater elevations resulted in an apparent unrealistic ridge or saddle between the wells. This appeared to be due to mounding of water in the vicinity of well MW-2, from infiltration of chlorinated water. Well MW-11 is near well MW-2 and historically may have experienced some mounding of groundwater. The groundwater flow direction for the deep wells historically ranged from east to northeast. Well MW-2 was abandoned on July 13, 2005, as described below. Water levels were measured in the wells approximately one month after well MW-2 was abandoned. Insufficient data exists to evaluate whether the flow direction was impacted by abandoning well MW-2. Groundwater elevations for the deep wells are shown on Plate 3. Groundwater elevation data are summarized in Table 5.

5.0 MONITORING WELL MW-2 ABANDONMENT

Because of a decrease in the water table, all shallow zone wells, except for well MW-2, were recently dry. Groundwater in well MW-2 was 10 to 15 feet higher than groundwater in the surrounding deep zone wells. There appeared to be a mounding of groundwater in the vicinity of well MW-2 that may have extended as far as well MW-11 and possibly to well MW-20. BAI's staff measured the chlorine concentrations in water in the wells with the City of Sebastopol staff. The reported concentrations of chlorine in wells MW-2 and MW-11 corresponded to the typical concentrations found in City water, according to City personnel.

One possible explanation for the mounding of chlorinated water is that a water supply leak entered the storm drain backfill and was flowing into well MW-2 from the intersection of the storm drain invert and the upper screened interval of well MW-2. On October 26, 2004, BAI excavated two test pits in the storm drain trench, one east of the onsite building, and another pit closer to Morris Street. Both test pits were excavated to below the invert of the storm drain pipe. No water was observed in either excavation. A third test pit (Test Pit 3) was excavated in the storm drain backfill, adjacent to the building, between the storm drain and well MW-2. The area excavated appeared to be part of a previous excavation that had been backfilled with drain rock. Water was encountered in the excavation between 10 and 11 feet bgs, which was approximately the same depth to water in well MW-2.

Although the ultimate source of the chlorinated water has not been identified, the connection between the water source and the subsurface was believed to be the storm drain excavation, which supplied water to the water-bearing zones through well MW-2. Therefore, well MW-2 was abandoned on July 13, 2005.

A permit for abandonment of the well was obtained from the SCDHS-EHD before initiating drilling activities. The wells were abandoned by Clear Heart Drilling, of Santa Rosa, California, a licensed C-57 drilling contractor. The wells were abandoned by over-drilling the well casing with hollow-stem augers to remove as much of the well casing materials as possible. After the well materials had been drilled out, the boreholes were sealed with a cement grout/bentonite slurry mixture to seal off the groundwater from the surface and eliminate any potential contaminant pathways to groundwater. The soil and water generated during abandonment of the wells are stored onsite in 55-gallon drums for later disposal.

6.0 CONCLUSIONS AND RECOMMENDATIONS

BAI has installed an interim remediation system to remediate the floating product beneath the building. Currently, wells MW-14, MW-15, and MW-22 are connected to the system, however, recently vapors have been extracted only from wells MW-15 and MW-22. The system is currently shut down for repairs.

The groundwater flow direction for the deep wells historically ranged from east to northeast. However, recent data indicates that the lowest groundwater elevations are present in the wells located inside the building. Well MW-2 was abandoned on July 13, 2005 and water levels were measured in the wells approximately one month after abandonment of well MW-2. Insufficient data exists to evaluate whether the groundwater flow direction has been impacted by abandonment of well MW-2.

High concentrations of TPH as gasoline and BTEX were reported in the soil samples collected from well boring MW-22. Reported concentrations of TPH as gasoline and BTEX are highest in the 5-foot bgs sample and generally decrease with depth. This trend was also observed in the soil samples collected from well MW-15. Comparison of the soil analytical data for borings MW-15 and MW-22 indicates that the petroleum hydrocarbon concentrations reported in the soil samples collected greater than 5 feet bgs in boring MW-22 are less than those reported in boring MW-15. This could be a result of vapors being extracted from well MW-15. Well MW-22 is located adjacent to well MW-15.

For the August 2005 groundwater sampling event, TPH as gasoline and/or BTEX were reported in all wells sampled except for wells MW-11 and MW-23. The highest concentrations were reported in wells MW-18 and MW-20. Well MW-15 contained 3.37 feet of floating product.

Groundwater samples collected from upgradient wells MW-8 and MW-9 also contained petroleum hydrocarbons. Since September 2003, petroleum hydrocarbons have been reported in the groundwater samples collected from well MW-9. TPH as gasoline up to

1.1 mg/l and benzene up to 48.7 μg/l have been reported in the MW-9 samples (Table 3). The August 2005 groundwater sample collected from well MW-8 is the first time that petroleum hydrocarbons have been reported in groundwater samples collected from that well since September 2000. Consistent detection of petroleum hydrocarbons in the recent groundwater samples collected from well MW-9 indicates an upgradient source.

The compound 1,2-DCA was reported in the MW-18 and MW-19 samples at 99.1 and 153 μg/l, respectively. These concentrations increased significantly compared to the previous data for the wells (Table 3). The compound 1,2-DCA was also reported in the MW-10, MW-16 and MW-21 samples, and in both groundwater samples collected from boring H-19 and in the shallow groundwater sample collected from boring H-20. The groundwater sample collected from boring H-19 at 55 to 57 feet bgs contained 17.4 μg/l of 1,2-DCA. The vertical extent of 1,2-DCA at that location has not been defined. Boring H-19 was drilled approximately 400 feet southeast of former Tank No. 2.

BAI recommends that quarterly groundwater monitoring be continued to evaluate the effectiveness of the remediation system, and to evaluate whether abandonment of well MW-2 has had an impact on the groundwater flow direction and groundwater concentrations. After sufficient data are collected, BAI recommends that a site conceptual model be prepared.

7.0 DISTRIBUTION

This document is being distributed to the parties listed below.

Mr. Dale Radford Sonoma County Environmental Health Division 475 Aviation Boulevard Santa Rosa, California 95403	Original
Mr. Ken Martin, Sr. P.O. Box 11218 Santa Rosa, California 95406	1 Copy

TABLES

Table 1. Well Construction Details

200 Morris Street

Sebastopol, California

Well Number	Date Installed	Constructed by	Depth of Boring	Casing Diameter	Well Depth	Screen Interval	Casing Elevation	Sand Depth	Seal Depth	Grout Depth
MW-1	4/19/91	KI	27	2	25	13-25	68.57	12-25	10-12	0-10
MW-2	4/18/91	KI	26.5	2	25.5	10.0-25.5	68.23	9.5-25.5	7.5-9.5	0-7.5
MW-3	4/16/91	KI	26.5	2	26.5	14.5-26.5	68.45	10.5-26.5	8.5-10.5	0-8.5
MW-4	7/19/91	KI	28.0	2	28	13.0-28	71.77	10-28	8-10	0-8
MW-5	7/21/91	KI	26.5	2	25	10.0-25	68.70	7-25	5-7	0-5
MW-6	7/25/91	KI	26	2	26.5	11-26	68.75	8-26	6-8	0-6
MW-7	7/19/91	KI	26.5	2	26.5	10-25	68.22	7-26.5	5-7	0-5
MW-8	9/27/93	KI	40	2	40	30-40	68.75	28-40	25-28	0-25
MW-9	9/28/93	KI	40	2	40	30-40	70.08	28-40	25-28	0-25
MW-10	9/28/93	KI	40	2	40	30-40	68.37	28-40	25-28	0-25
MW-11	9/28/93	KI	40	2	40	30-40	67.83	28-40	25-28	0-25
MW-12	11/14/95	BAI	25	4	25	10-25	67.48	8.5-25	6.5-8.5	0-6.5
MW-13	11/14/95	BAI	25	4	25	10-25	67.66	8.5-25	6.5-8.5	0-6.5
MW-14	12/21/98	BAI	25	4	20	5-19.5	68.77	3.5-20**	2.0-3.5	0-2.0
MW-15	2/23/04	BAI	45	2	45	25-45	68.19	23-45	21-23	0-21
MW-16	8/23/04	BAI	45	2	45	25-45	68.33	23-45	21-23	0-21
MW-17	9/22/04	BAI	45	2	45	30-45	68.69	28-45	26-28	0-26
MW-18	9/22/04	BAI	45	2	45	25-45	68.18	23-45	21-23	0-21
MW-19	10/01/04	BAI	45	2	45	25-45	67.65	23-45	21-23	0-21
MW-20	10/04/04	BAI	45	2	45	25-45	68.34	23-45	21-23	0-21
MW-21	7/12/05	BAI	45	2	45	30-45	68.62	28-45	26-28	0-26
MW-22	7/13/05	BAI	25	2	25	5-25	68.41	4-25	3-4	0-3
MW-23	8/10/05	BAI	45	2	45	30-45	67.62	28-45	26-28	0-26
P-1	7/16/91	KI	20	0.75	16.5	16.5*	ns	none	none	0-10
P-2	11/14/95	BAI	25	2	25	10-25	69.31	8.5-25	6.5-8.5	0-6.5
P-3	11/14/95	BAI	25	2	25	10-25	68.06	8.5-25	6.5-8.5	0-6.5
P-4	11/14/95	BAI	25	2	25	10-25	69.30	8.5-25	6.5-8.5	0-6.5
EX-1	11/15/95	BAI	30	4	30	10-30	69.37	8.5-30	6.5-8.5	0-6.5
VEW-1	11/15/95	BAI	15	4	15	5-15	68.37	4-15	3-4	0-3
PP-1	11/15/95	BAI	15	2	15	5-15	68.66	4-15	3-4	0-3
PP-2	11/15/95	BAI	15	2	15	5-15	68.62	4-15	3-4	0-3
PP-3	11/15/95	BAI	15	2	15	5-15	68.71	4-15	3-4	0-3

Depths are in feet below original surface grade; casing diameter is in inches. Elevations are in feet above mean sea level (MSL).

KI = Kleinfelder, Inc.

BAI = Brunsing Associates, Inc.

MSL = Mean Sea Level.

ns = Not surveyed

* Well is open at the bottom.

** Resin coated sand (AC PAK 12/20) from 7 to 17.5 feet.

Well MW-2 was abandoned on July 13, 2005.

TABLE 2. ANALYTICAL RESULTS FOR SOIL SAMPLES COLLECTED FROM BORINGS SINCE 1995

200 Morris Street

Sebastopol, California

Sample Number with Depth Collected (feet bgs)	Date Sampled	TPH as gasoline (mg/kg)	Benzene (µg/kg)	Toluene (µg/kg)	Ethyl-benzene (µg/kg)	Xylenes (µg/kg)	MTBE (EPA Test Method 8260) (µg/kg)	1,2-Dichloro ethane (µg/kg)	Other Petroleum Oxygenates and Lead Scavengers (µg/kg)
Well Borings									
MW-12-13.5	11/14/1995	< 1.0	<5.0	<5.0	<5.0	<5.0	- -	<5.0	- -
MW-13-14.5	11/14/1995	< 1.0	<5.0	<5.0	<5.0	<5.0	- -	<5.0	- -
MW-15-5	2/23/2004	**6,800**	<12,500	**125,000**	**88,200**	**420,000**	<12,500	<12,500	ND
MW-15-15	2/23/2004	**2,100**	<10,000	**21,700**	**16,300**	**82,000**	<10,000	<10,000	ND
MW-15-20	2/23/2004	**2,400**	<5,000	**43,200**	**26,200**	**132,000**	<5,000	<5,000	ND
MW-15-25	2/23/2004	**400**	<500	**1,000**	**702**	**3,700**	<500	<500	ND
MW-15-30	2/23/2004	**1.1**	**54.9**	**108**	**26.6**	**105**	<25	<25	ND
MW-16-10	8/23/2004	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA
MW-16-15	8/23/2004	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA
MW-16-25	8/23/2004	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA
MW-17-20	9/21/2004	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA
MW-17-25	9/21/2004	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA
MW-17-30	9/21/2004	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA
MW-17-35	9/21/2004	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA
MW-18-20	9/22/2004	<1.0	<5.0	<5.0	<5.0	**8.93**	<5.0	NA	NA
MW-18-25	9/22/2004	**3.6**	<25	<25	**35.2**	**230**	<25	NA	NA
MW-18-30	9/22/2004	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA
MW-18-35	9/22/2004	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA
MW-19-20	10/1/2004	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA
MW-19-25	10/1/2004	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA
MW-19-30	10/1/2004	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	ND
MW-19-35	10/1/2004	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	ND
MW-20-20	10/4/2004	<1.0	<5.0	**7.14**	**7.93**	**42.1**	<5.0	NA	NA
MW-20-25	10/4/2004	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA
MW-20-30	10/4/2004	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA
MW-20-35	10/4/2004	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA

TABLE 2. ANALYTICAL RESULTS FOR SOIL SAMPLES COLLECTED FROM BORINGS SINCE 1995

200 Morris Street

Sebastopol, California

Sample Number with Depth Collected (feet bgs)	Date Sampled	TPH as gasoline (mg/kg)	Benzene (µg/kg)	Toluene (µg/kg)	Ethyl-benzene (µg/kg)	Xylenes (µg/kg)	MTBE (EPA Test Method 8260) (µg/kg)	1,2-Dichloro ethane (µg/kg)	Other Petroleum Oxygenates and Lead Scavengers (µg/kg)
MW-21-25	7/12/2005	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	~~NA~~ ND
MW-21-30	7/12/2005	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	~~NA~~ ND
MW-22-5	7/13/2005	**7,400**	**7,620**	**215,000**	**136,000**	**620,000**	<5,000	<5,000	**(A)**
MW-22-10	7/13/2005	**200**	<1,000	**3,200**	**1,650**	**7,900**	<1,000	<1,000	**(B)**
MW-22-15	7/13/2005	**380**	<1,000	**11,800**	**4,870**	**23,500**	<1,000	<1,000	**(C)**
MW-22-20	7/13/2005	<1.0	<5.0	**6.96**	<5.0	**20.6**	<5.0	<5.0	**(D)**
MW-22-25	7/13/2005	**40**	<25	**141**	**502**	**2,410**	<25	<25	**(E)**
Borings									
H1-11	1/18/2001	< 1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND
H1-16	1/18/2001	< 1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND
H2-11	1/18/2001	< 1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND
H2-16	1/18/2001	< 1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND
H3-11	1/22/2001	< 1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND
H3-15.5	1/22/2001	< 1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND
H4-2.5	1/19/2001	< 1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND
H4-6.5	1/19/2001	< 1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND
H4-10.5	1/19/2001	< 1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND
H5-11	1/31/2001	< 1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND
H5-15.5	1/31/2001	< 1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND
H6-10.5	1/17/2001	< 1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND
H6-15.5	1/17/2001	< 1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND
H7-11	2/1/2001	< 1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND
H7-16	2/1/2001	< 1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND
H8-11	2/2/2001	< 1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND
H8-16	2/2/2001	< 1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND
H9-11	2/2/2001	< 1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND
H9-16	2/2/2001	< 1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND

TABLE 2. ANALYTICAL RESULTS FOR SOIL SAMPLES COLLECTED FROM BORINGS SINCE 1995

200 Morris Street
Sebastopol, California

Sample Number with Depth Collected (feet bgs)	Date Sampled	TPH as gasoline (mg/kg)	Benzene (µg/kg)	Toluene (µg/kg)	Ethyl-benzene (µg/kg)	Xylenes (µg/kg)	MTBE (EPA Test Method 8260) (µg/kg)	1,2-Dichloro ethane (µg/kg)	Other Petroleum Oxygenates and Lead Scavengers (µg/kg)
H10-11	1/22/2001	< 1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND
H10-16	1/22/2001	< 1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND
H11-10	3/25/2002	< 1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND
H12-15	3/28/2002	< 1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND
H13-15	3/27/2002	< 1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND
H15-15	3/27/2002	< 1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND
H17-15	3/25/2002	< 1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND
H18-10	3/26/2002	< 1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND
HA1-12.5	1/19/2001	< 1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	(F)
HA2-10.5	1/19/2001	< 1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND

ND = Not detected at laboratory reporting limit
bgs = Below ground surface
mg/kg = milligrams per kilogram
µg/kg = micrograms per kilogram
< = not reported above stated reporting limit
TPH = total petroleum hydrocarbons
NA = not analyzed

[A] = isopropylbenzene at 18,500 µg/kg, naphthalene at 57,000 µg/kg, n-butylbenzene at 46,300 µg/kg, sec-butylbenzene at 8,370 µg/kg, n-propylbenzene at 73,400 µg/kg, 1,2,4-trimethylbenzene at 458,000 µg/kg, and 1,3,5-trimethylbenzene at 135,000 µg/kg.

[B] = naphthalene at 2,160 µg/kg, 1,2,4-trimethylbenzene at 5,620 µg/kg, 1,3,5-trimethylbenzene at 1,630 µg/kg.

[C] = naphthalene at 2,900 µg/kg, n-propylbenzene at 2,570 µg/kg, 1,2,4-trimethylbenzene at 16,700 µg/kg, 1,3,5-trimethylbenzene at 4,910 µg/kg

[D] = naphthalene at 27.2 µg/kg, 1,2,4-trimethylbenzene at 33.8 µg/kg, 1,3,5-trimethylbenzene at 8.11 µg/kg.

[E] = isopropylbenzene at 121 µg/kg, naphthalene at 453 µg/kg, n-butylbenzene at 353 µg/kg, sec-butylbenzene at 75.4 µg/kg, n-propylbenzene at 470 µg/kg, 1,2,4-trimethylbenzene at 2,940 µg/kg, and 1,3,5-trimethylbenzene at 903 µg/kg.

[F] = naphthalene at 7.30 µg/kg, 1,2,3-trichlorobenzene at 6.01 µg/kg.

Table 3. Groundwater Analytical Results Since 1991
200 Morris Street
Sebastopol, California

Well Number	Date Sampled	TPH as gasoline (mg/l)	TPH as diesel (mg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Xylenes (µg/l)	MTBE (EPA Test Method 8260) (µg/l)	1,2-Dichloroethane (µg/l)	Other EPA Test Method 8260 Compounds (µg/l)
MW-1	24-Apr-91	**110**	- -	**28,000**	**44,000**	**7,900**	**1,300**	- -	- -	- -
MW-1	3-Feb-92	**190**	- -	**8,900**	<0.5	**2,400**	<0.5	- -	**72**	- -
MW-1	29-Dec-95	**110**	**50 *****	**4,800**	**12,000**	**1,500**	**6,200**	- -	- -	- -
MW-2	24-Apr-91	<50	- -	<0.5	<0.5	<0.5	<0.5	- -	- -	- -
MW-2	3-Feb-92	<0.05	- -	<0.5	<0.5	<0.5	<0.5	- -	<0.4	- -
MW-2	13-Aug-92	**0.50**	- -	**25**	**23**	**28**	**31**	- -	- -	- -
MW-2	3-Nov-92	**1.2**	- -	**40**	**40**	**46**	**45**	- -	- -	- -
MW-2	3-Dec-92	**0.17**	- -	**9.9**	**12**	**13**	**12**	- -	- -	- -
MW-2	5-Oct-93	**0.17**	- -	**1.7**	**1.7**	**2.7**	**1.5**	- -	<0.4	- -
MW-2	28-Dec-95	ND	ND	ND	ND	ND	ND	- -	- -	- -
MW-2	15-Apr-97	ND	- -	ND	ND	ND	ND	- -	ND **	- -
MW-2	28-Jul-97	ND	- -	ND	ND	ND	ND	- -	ND **	- -
MW-2	18-Nov-97	ND	- -	ND	ND	ND	ND	- -	ND **	- -
MW-2	18-Feb-98	ND	- -	ND	ND	ND	ND	ND (EPA 8020/5)	ND **	- -
MW-2	21-Aug-98	ND	- -	ND	ND	ND	ND	ND	- -	ND
MW-2	24-Nov-98	ND	- -	ND	ND	ND	ND	ND	ND **	ND
MW-2	25-Feb-99	ND	- -	ND	ND	ND	ND	ND	ND	ND
MW-2	27-May-99	**0.56**	- -	**9.13**	ND	ND	ND	ND	ND	**15.7 napthalene**
MW-2	27-Jan-00	ND	- -	ND	ND	ND	ND	ND	ND	ND
MW-2	15-Jun-00	**0.054**	- -	**16**	**2.9**	**1.1**	**2.5**	ND	ND	**13.9 B,3.0 T,1.56 X**
MW-2	29-Sep-00	**110**	- -	**1,800**	**8,000**	**2,100**	**11,000**	ND	ND	ND
MW-2	1-Feb-01	< 0.05	- -	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0	< 5.0	ND
MW-2	17-Dec-01	< 0.05	- -	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	****
MW-2	26-Mar-02	< 0.05	- -	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	****
MW-2	2-Jul-02	< 0.05	- -	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	****
MW-2	20-Sep-02	< 0.05	- -	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	****
MW-2	16-Dec-02	< 0.05	- -	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	****
MW-2	20-Mar-03	< 0.05	- -	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	****
MW-2	24-Jun-03	< 0.05	- -	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	****
MW-2	9-Nov-03	< 0.05	- -	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	****
MW-2	11-Mar-04	< 0.05	- -	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	****

Well MW-2 was abondoned on July 13, 2005.

Table 3. Groundwater Analytical Results Since 1991
200 Morris Street
Sebastopol, California

Well Number	Date Sampled	TPH as gasoline (mg/l)	TPH as diesel (mg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Xylenes (µg/l)	MTBE (EPA Test Method 8260) (µg/l)	1,2-Dichloroethane (µg/l)	Other EPA Test Method 8260 Compounds (µg/l)
MW-3	24-Apr-91	**0.066**	- -	**35**	**0.6**	**3.7**	**1.5**	- -	- -	- -
MW-3	3-Feb-92	<0.05	- -	< 0.5	< 0.5	< 0.5	< 0.5	- -	<0.4	- -
MW-3	12-May-92	<0.05	- -	**4.5**	< 0.5	< 0.5	< 0.5	- -	- -	- -
MW-3	13-Aug-92	**0.06**	- -	**0.9**	< 0.5	**1.5**	< 0.5	- -	- -	- -
MW-3	3-Nov-92	**1.2**	- -	**30**	< 0.5	**3.1**	**0.8**	- -	- -	- -
MW-3	14-Apr-97	ND	- -	**3.8**	ND	ND	ND	- -	- -	- -
MW-4	5-Aug-91	**8.1**	- -	**5,600**	**56**	**88**	**290**	- -	**170**	- -
MW-4	3-Feb-92	**3.9**	- -	**990**	< 0.5	**65**	**49**	- -	**180**	- -
MW-4	12-May-02	**11**	- -	**5,200**	< 0.5	**170**	< 0.5	- -	- -	- -
MW-4	13-Aug-92	**0.71**	- -	**81**	**0.9**	**1.8**	**0.9**	- -	**42**	- -
MW-4	3-Nov-92	**0.70**	- -	**140**	< 0.5	**12**	< 0.5	- -	**20**	- -
MW-4	5-Oct-93	**0.17**	- -	**30**	< 0.5	< 0.5	< 0.5	- -	**7.5**	- -
MW-4	29-Dec-95	**3.2**	**0.46 *****	**2,100**	**52**	**46**	**15**	- -	- -	- -
MW-4	15-Apr-97	ND	- -	**7.9**	ND	**0.8**	ND	- -	ND **	- -
MW-4	28-Jul-97	**0.18**	- -	**50**	ND	**0.7**	ND	- -	**0.6 ****	- -
MW-4	19-Nov-97	**0.06**	- -	ND	ND	ND	ND	- -	ND **	- -
MW-4	18-Feb-98	**13**	- -	**3,000**	**310**	**4.2**	**180**	ND (EPA 8020/950)	**25 ****	- -
MW-4	21-Aug-98	**0.11**	- -	**18.9**	ND	ND	ND	ND	**5.25**	**1.97 B/1.6 C**
MW-4	25-Nov-98	**2.0**	- -	**82**	**1.9**	**1.5**	**0.75**	ND	**16 ****	**1.44 C**
MW-4	25-Feb-99	**1.4**	- -	**37**	**1.0**	**1.0**	ND	ND	**11.6**	ND
MW-4	28-May-99	ND	- -	ND	ND	ND	ND	ND	ND	ND
MW-4	28-Jan-00	ND	- -	ND	ND	ND	ND	ND	ND	ND
MW-4	16-Jun-00	ND	- -	ND	ND	ND	ND	ND	ND	ND
MW-4	29-Sep-00	**0.32**	- -	**3.5**	**32**	**10**	**51**	ND	ND	ND
MW-4	2-Feb-01	< 0.05	- -	< 0.5	< 0.5	< 0.5	< 0.5	< 2.0	< 2.0	ND
MW-5	24-Apr-91	<50	- -	< 0.5	< 0.5	< 0.5	< 0.5	- -	- -	- -
MW-5	5-Aug-91	**74**	- -	**7,800**	**19,000**	**8,500**	**1,800**	- -	- -	- -
MW-5	29-Dec-95	**100**	**60 *****	**6,800**	**13,000**	**1,700**	**10,000**	- -	- -	- -
MW-5	18-Feb-98	**42**	- -	**2,900**	**6,600**	**580**	**4,800**	ND (EPA 8020/5)	**120 (TCE=4.7) ****	- -

Table 3. Groundwater Analytical Results Since 1991
200 Morris Street
Sebastopol, California

Well Number	Date Sampled	TPH as gasoline (mg/l)	TPH as diesel (mg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Xylenes (µg/l)	MTBE (EPA Test Method 8260) (µg/l)	1,2-Dichloroethane (µg/l)	Other EPA Test Method 8260 Compounds (µg/l)
MW-6	5-Aug-91	<0.05	- -	< 0.5	< 0.5	< 0.5	< 0.5	- -	- -	- -
MW-6	3-Feb-92	<50	- -	< 0.5	< 0.5	< 0.5	< 0.5	- -	<0.4	- -
MW-7	5-Aug-91	<0.05	- -	**5.0**	< 0.5	< 0.5	**0.8**	- -	- -	- -
MW-7	3-Feb-92	<50	- -	< 0.5	< 0.5	< 0.5	< 0.5	- -	<0.4	- -
MW-7	13-Aug-02	<0.05	- -	< 0.5	< 0.5	< 0.5	< 0.5	- -	- -	- -
MW-7	14-Apr-97	ND	- -	ND	ND	ND	ND	- -	- -	- -
MW-8	5-Oct-93	- -	- -	< 0.5	< 0.5	< 0.6	< 0.6	- -	<0.4	- -
MW-8	29-Dec-95	ND	ND	ND	ND	ND	ND	- -	- -	- -
MW-8	21-Aug-98	ND	- -	ND	ND	ND	ND	ND	**1.01**	ND
MW-8	24-Nov-98	ND	- -	ND	ND	ND	ND	ND	ND **	ND
MW-8	26-Feb-99	ND	- -	ND	ND	ND	ND	ND	**0.842**	ND
MW-8	28-May-99	ND	- -	ND	ND	ND	ND	ND	ND	ND
MW-8	27-Jan-00	ND	- -	ND	ND	ND	ND	ND	ND	ND
MW-8	16-Jun-00	ND	- -	ND	ND	ND	ND	ND	ND	ND
MW-8	29-Sep-00	**0.31**	- -	**4.2**	**3.7**	**13**	**56**	ND	ND	ND
MW-8	2-Feb-01	< 0.05	- -	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	ND
MW-8	17-Dec-01	< 0.05	- -	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	****
MW-8	26-Mar-02	< 0.05	- -	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	****
MW-8	2-Jul-02	< 0.05	- -	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	****
MW-8	20-Sep-02	< 0.05	- -	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	****
MW-8	16-Dec-02	< 0.05	- -	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	****
MW-8	21-Mar-03	< 0.05	- -	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	****
MW-8	24-Jun-03	< 0.05	- -	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	****
MW-8	11-Sep-03	< 0.05	- -	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	****
MW-8	11-Mar-04	< 0.05	- -	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	****
MW-8	7-Jun-04	< 0.05	- -	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	ND
MW-8	22-Oct-04	< 0.05	- -	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	ND
MW-8	24-Jan-05	< 0.05	- -	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	****
MW-8	29-Apr-05	<0.050	- -	< 0.50	< 0.50	< 0.50	< 0.50	< 1.00	< 0.50	****
MW-8	19-Aug-05	**0.16**	- -	< 0.50	**1.43**	**0.82**	**4.98**	<1.0	< 0.50	****

Table 3. Groundwater Analytical Results Since 1991
200 Morris Street
Sebastopol, California

Well Number	Date Sampled	TPH as gasoline (mg/l)	TPH as diesel (mg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Xylenes (µg/l)	MTBE (EPA Test Method 8260) (µg/l)	1,2-Dichloroethane (µg/l)	Other EPA Test Method 8260 Compounds (µg/l)
MW-9	5-Oct-93	- -	- -	< 0.5	< 0.5	< 0.6	< 0.6	- -	<0.4	- -
MW-9	29-Dec-95	ND	ND	ND	ND	ND	ND	- -	- -	- -
MW-9	21-Aug-98	**0.12**	- -	ND	ND	ND	ND	ND	ND	ND
MW-9	24-Nov-98	ND	- -	ND	ND	ND	ND	ND	ND **	ND
MW-9	26-Feb-99	ND	- -	ND	ND	ND	ND	ND	ND	ND
MW-9	28-May-99	ND	- -	ND	ND	ND	ND	ND	ND	ND
MW-9	28-Jan-00	ND	- -	ND	ND	ND	ND	**0.513**	ND	ND
MW-9	16-Jun-00	ND	- -	ND	ND	ND	ND	ND	ND	ND
MW-9	29-Sep-00	**0.15**	- -	**1.1**	**12**	**4.5**	**23**	ND	ND	ND
MW-9	2-Feb-01	< 0.05	- -	< 0.5	< 0.5	< 0.5	< 0.5	< 0.50	< 0.5	ND
MW-9	17-Dec-01	< 0.05	- -	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	****
MW-9	26-Mar-02	< 0.05	- -	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	****
MW-9	2-Jul-02	< 0.05	- -	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	****
MW-9	20-Sep-02	< 0.05	- -	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	****
MW-9	16-Dec-02	< 0.05	- -	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	****
MW-9	21-Mar-03	< 0.05	- -	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	****
MW-9	24-Jun-03	< 0.05	- -	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	****
MW-9	11-Sep-03	**1.1**	- -	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	**1.16 PCE**
MW-9	11-Mar-04	**0.47**	- -	**1.51**	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	****
MW-9	7-Jun-04	**0.35**	- -	**8.51**	**4.06**	< 2.5	**3.07**	< 5.0	< 2.5	ND
MW-9	22-Oct-04	**0.80**	- -	**47.5**	**9.55**	< 2.5	**6.23**	< 5.0	< 2.5	ND
MW-9	24-Jan-05	**0.78**	- -	**48.7**	**10.4**	**1.24**	**6.97**	<1.0	<0.5	****
MW-9	29-Apr-05	**0.12**	- -	**27.8**	**3.13**	<0.50	**3.13**	<1.00	<0.50	****
MW-9	19-Aug-05	**0.38**	- -	**18.1**	<0.50	<0.50	**2.15**	<1.0	<0.50	****
MW-10	5-Oct-93	- -	- -	**70**	**1.3**	< 0.6	< 0.6	- -	**150**	- -
MW-10	28-Dec-95	ND	ND	ND	ND	ND	ND	- -	- -	- -
MW-10	14-Apr-97	ND	- -	ND	ND	ND	ND	- -	ND **	- -
MW-10	28-Jul-97	ND	- -	ND	ND	ND	ND	- -	**2.2 ** **	- -
MW-10	19-Nov-97	ND	- -	ND	ND	ND	ND	- -	**1.1 ** **	- -
MW-10	18-Feb-98	ND	- -	ND	ND	ND	ND	ND (EPA 8020/5)	**1.0 ** **	- -
MW-10	20-Aug-98	ND	- -	ND	ND	ND	ND	**4.68**	**16.1**	ND
MW-10	24-Nov-98	ND	- -		ND	ND	ND	**4.36**	**10 ** **	ND
MW-10	25-Feb-99	ND	- -	ND	ND	ND	ND	**2.93**	**12.4**	ND
MW-10	27-May-00	ND	- -	ND	ND	ND	ND	**1.73**	**8.58**	ND
MW-10	27-Jan-00	ND	- -	ND	ND	ND	ND	**0.755**	**5.98**	ND
MW-10	15-Jun-00	ND	- -	ND	ND	ND	ND	ND	**4.44**	ND
MW-10	29-Sep-00	**0.14**	- -	**2.5**	**30**	**5.2**	**20**	**3.80**	**1.37**	ND

Table 3. Groundwater Analytical Results Since 1991
200 Morris Street
Sebastopol, California

Well Number	Date Sampled	TPH as gasoline (mg/l)	TPH as diesel (mg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Xylenes (µg/l)	MTBE (EPA Test Method 8260) (µg/l)	1,2-Dichloroethane (µg/l)	Other EPA Test Method 8260 Compounds (µg/l)
MW-10	1-Feb-01	< 0.05	- -	< 0.5	< 0.5	< 0.5	< 0.5	**4.33**	**0.941**	-
MW-10	26-Mar-02	**7.1**	- -	**1,800**	**50.5**	**37.8**	**210**	<10	**82.4**	****
MW-10	2-Jul-02	**18**	- -	**959**	**924**	<100	**999**	<200	<100	****
MW-10	20-Sep-02	**9.0**	- -	**115**	**36.9**	**19.1**	**351**	<20	<10	****
MW-10	16-Dec-02	<2.5	- -	<2.5	<2.5	<2.5	**7.48**	<5.0	<10	****
MW-10	20-Mar-03	**11**	- -	**122**	<5.0	**8.79**	**14.8**	<10	<5.0	****
MW-10	7-Jun-04	**1.4**	- -	**424**	**8.25**	<5.0	**13.0**	<10	<5.0	**10.2 I**
MW-10	22-Oct-04	**2.9**	- -	**150**	<5.0	<5.0	<5.0	<10	<5.0	**17.7 I**
MW-10	24-Jan-05	**3.9**	- -	**20.0**	**1.52**	<1.0	**3.75**	<2.0	**1.97**	****
MW-10	28-Apr-05	**0.13**	- -	**19.6**	<1.0	<1.0	**3.82**	<2.00	<1.0	**other (8)**
MW-10	19-Aug-05	**1.8**	- -	**9.08**	<0.50	<0.50	**0.77**	<1.0	**3.09**	****
MW-11	5-Oct-93	- -	- -	< 0.5	< 0.5	< 0.6	< 0.6	- -	**36**	- -
MW-11	28-Dec-95	ND	ND	ND	ND	ND	ND	- -	- -	- -
MW-11	14-Apr-97	ND	- -	ND	ND	ND	ND	- -	**8.5 ****	- -
MW-11	20-Aug-98	**0.66**	- -	**48.6**	ND	**14.8**	ND	**6.5**	**39.5**	**25.4 B**
MW-11	24-Nov-98	**0.64**	- -	**38**	ND	**4.2**	ND	ND	**12 ****	ND
MW-11	25-Feb-99	**1.4**	- -	**38**	**1.0**	**3.8**	**0.91**	**2.02**	**19.3**	ND
MW-11	28-May-99	ND	- -	ND	ND	ND	ND	**1.60**	**8.66**	ND
MW-11	27-Jan-00	**14**	- -	**1,080**	**442**	**513**	**541 mp**	ND	ND	**other (1)**
MW-11	15-Jun-00	**15**	- -	**1,400**	**140**	**590**	**960**	ND	ND	**other (2)**
MW-11	29-Sep-00	**18**	- -	**1,500**	**220**	**640**	**530**	ND	ND	ND
MW-11	1-Feb-01	**8.7**	- -	**280**	**260**	**110**	**250**	< 20.0	< 20.0	ND
MW-11	17-Dec-01	**1.0**	- -	**24.6**	**0.61**	**4.34**	**1.58**	< 1.0	**1.76**	****
MW-11	26-Mar-02	**2.4**	- -	**7.40**	<2.5	<2.5	**14.1**	< 5.0	<2.5	****
MW-11	2-Jul-02	**2.8**	- -	<2.5	**19.1**	**3.60**	**14.8**	< 5.0	<2.5	****
MW-11	20-Sep-02	**0.36**	- -	<0.50	<0.50	<0.50	<0.50	< 1.0	<0.5	****
MW-11	16-Dec-02	**0.16**	- -	<0.50	<0.50	<0.50	<0.50	< 1.0	<0.5	****
MW-11	20-Mar-03	<0.05	- -	<0.50	<0.50	<0.50	<0.50	< 1.0	<0.5	****
MW-11	24-Jun-03	<0.05	- -	<0.50	<0.50	<0.50	<0.50	< 1.0	<0.5	****
MW-11	11-Sep-03	<0.05	- -	<0.50	<0.50	<0.50	<0.50	< 1.0	<0.5	**1.55 PCE**
MW-11	11-Mar-04	<0.05	- -	<0.50	<0.50	<0.50	<0.50	< 1.0	<0.5	****
MW-11	7-Jun-04	<0.05	- -	<0.50	<0.50	<0.50	<0.50	< 1.0	<0.5	ND
MW-11	22-Oct-04	<0.05	- -	<0.50	<0.50	<0.50	<0.50	< 1.0	<0.5	ND
MW-11	24-Jan-05	<0.05	- -	<0.50	<0.50	<0.50	<0.50	< 1.0	<0.5	****
MW-11	28-Apr-05	<0.050	- -	<0.50	<0.50	<0.50	<0.50	< 1.00	<0.50	****
MW-11	19-Aug-05	<0.05	- -	<0.50	<0.50	<0.50	<0.50	< 1.00	<0.50	****

Table 3. Groundwater Analytical Results Since 1991
200 Morris Street
Sebastopol, California

Well Number	Date Sampled	TPH as gasoline (mg/l)	TPH as diesel (mg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Xylenes (µg/l)	MTBE (EPA Test Method 8260) (µg/l)	1,2-Dichloroethane (µg/l)	Other EPA Test Method 8260 Compounds (µg/l)
MW-12	15-Apr-97	ND	- -	ND	ND	ND	ND	- -	ND **	- -
MW-12	25-Nov-98	ND	- -	ND	ND	ND	ND	- -	**0.8 ****	ND
MW-12	27-May-99	ND	- -	ND	ND	ND	ND	ND	ND	ND
MW-12	27-Jan-00	**1.2**	- -	**119**	ND	ND	ND	ND	ND	ND
MW-12	15-Jun-00	ND	- -	**6.9**	ND	ND	ND	ND	ND	**9.64 Be**
MW-12	29-Sep-00	**0.15**	- -	**36**	ND	ND	ND	ND	ND	ND
MW-12	1-Feb-01	< 0.05	- -	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND
MW-13	28-Dec-95	ND	ND	ND	ND	ND	ND	- -	ND **	- -
MW-13	15-Apr-97	ND	- -	ND	ND	ND	ND	- -	ND **	- -
MW-13	25-Nov-98	ND	- -	ND	ND	ND	ND	ND	ND **	ND
MW-13	27-May-99	ND	- -	ND	ND	ND	ND	ND	ND	ND
MW-13	27-Jan-00	ND	- -	ND	ND	ND	ND	ND	ND	ND
MW-13	15-Jun-00	ND	- -	ND	ND	ND	ND	ND	ND	ND
MW-13	29-Sep-00	**0.13**	- -	**1.9**	**8.4**	**2.4**	**9.3**	ND	ND	ND
MW-13	1-Feb-01	< 0.05	- -	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND
MW-16	22-Oct-04	**5.3**	- -	**25.8**	<2.5	**40.7**	**143**	<5.0	- -	**other (3)**
MW-16	24-Jan-05	**2.1**	- -	**15.1**	**2.86**	**11.5**	**35.8**	<5.0	**15.5**	********
MW-16	28-Apr-05	<0.250	- -	**12.0**	<2.5	<2.5	**8.00**	<5.00	**14.4**	**other (9)**
MW-16	19-Aug-05	<0.05	- -	<0.50	<0.50	<0.50	<0.50	<1.0	**13.6**	********
MW-17	22-Oct-04	**1.4**	- -	**509**	**99.5**	**7.97**	**123**	<5.0	<2.5	**other (4)**
MW-17	24-Jan-05	**1.8**	- -	**305**	**50.3**	**28.9**	**59.0**	<10	<5.0	********
MW-17	29-Apr-05	**1.9**	- -	**548**	**40.3**	**24.6**	**43.4**	<10.0	<5.0	**other (10)**
MW-17	18-Aug-05	<0.25	- -	**21.8**	<2.5	<2.5	<2.5	<5.0	<2.5	********
MW-18	22-Oct-04	**16**	- -	**2,830**	**1,840**	**2,050**	**2,720**	<100	<50	**other (5)**
MW-18	24-Jan-05	**25**	- -	**2,590**	**1,230**	**1,800**	**1,970**	<100	**57.4**	********
MW-18	18-Aug-05	**16**	- -	**3,860**	**531**	**1,470**	**1,140**	<100	**99.1**	********
MW-19	22-Oct-04	**10**	- -	**974**	**168**	**30.2**	**826**	<10.0	**80.0**	**other (6)**
MW-19	24-Jan-05	**16**	- -	**2,410**	**1,030**	**228**	**1,090**	<20	**46.3**	********
MW-19	29-Apr-05	**12**	- -	**2,610**	**84.3**	**226**	**610**	<20.0	**64.0**	**other (11)**
MW-19	19-Aug-05	**1.3**	- -	**82.1**	<10	<10	<10	<20	**153**	********
MW-20	22-Oct-04	**11**	- -	**1,350**	**1,700**	**1,250**	**4,460**	<10.0	<5.0	**other (7)**
MW-20	24-Jan-05	**29**	- -	**1,840**	**1,970**	**1,450**	**4,560**	<50	<25	********
MW-20	29-Apr-05	**38**	- -	**1,120**	**970**	**873**	**2,710**	<10	<5.0	**other (12)**
MW-20	18-Aug-05	**29**	- -	**553**	**850**	**533**	**3,120**	<10	<5.0	********

Table 3. Groundwater Analytical Results Since 1991
200 Morris Street
Sebastopol, California

Well Number	Date Sampled	TPH as gasoline (mg/l)	TPH as diesel (mg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Xylenes (µg/l)	MTBE (EPA Test Method 8260) (µg/l)	1,2-Dichloroethane (µg/l)	Other EPA Test Method 8260 Compounds (µg/l)
MW-21	18-Aug-05	<0.05	- -	**9.20**	**3.48**	<0.50	**2.36**	<1.0	**11.6**	****
MW-23	19-Aug-05	<0.05	- -	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	****
P-4	29-Dec-95	ND	ND	ND	ND	ND	ND	- -	- -	- -
P-4	21-Aug-98	**0.09**	- -	ND	ND	ND	ND	ND	ND	**1.09 C**
P-4	25-Nov-98	ND	- -	ND	ND	ND	ND	ND	ND (2.8 PCE/1.4 TCE) **	ND
P-4	26-Feb-99	ND	- -	ND	ND	ND	ND	ND	ND (1.4 PCE/0.67TCE) **	ND
P-4	28-May-99	ND	- -	ND	ND	ND	ND	ND	ND	**2.23 PCE/1.09 TCE**
P-4	27-Jan-00	ND	- -	ND	ND	ND	ND	ND	ND	**3.35 PCE/1.61 TCE**
P-4	16-Jun-00	ND	- -	ND	ND	ND	ND	ND	ND	**2.85 PCE/1.41 TCE**
P-4	29-Sep-00	**0.16**	- -	ND	**9.2**	**3.5**	**18**	ND	ND	- -
P-4	2-Feb-01	< 0.05	- -	< 0.5	< 0.5	< 0.5	< 0.5	< 0.50	< 0.5	- -
P-4	17-Dec-01	< 0.05	- -	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	****
P-4	26-Mar-02	**0.41**	- -	< 0.5	**1.54**	< 0.5	**1.33**	< 1.0	< 0.5	****
EX-1	9-Jan-96	**3.1**	ND	**53**	**2.3**	**0.6**	**2.2**	- -	**4.0 ****	- -
EX-1	12-Jan-96	**3.2**	ND	**100**	**2.7**	**1.7**	**1.5**	- -	**12 ****	- -
EX-1	15-Apr-97	**1.0**	- -	**3.3**	**0.8**	ND	ND	- -	**2.9 ****	- -
EX-1	28-Jul-97	**1.0**	- -	**180**	**1.3**	**1.5**	**0.9**	- -	**0.5 ****	- -
EX-1	18-Nov-97	ND	- -	ND	ND	ND	ND	- -	ND **	- -
EX-1	18-Feb-98	**0.32**	- -	**0.6**	ND	ND	ND	ND (EPA 8020/5)	**1.0 ****	- -
EX-1	20-Aug-98	**5.0**	- -	**1,390**	ND	ND	ND	ND	ND	ND
EX-1	25-Nov-98	**3.6**	- -	**470**	ND	ND	ND	ND	**11**	**5.89 C**
EX-1	25-Feb-99	**0.78**	- -	**400**	**0.86**	**0.60**	ND	ND	**5.72**	ND
EX-1	27-May-99	**0.17**	- -	**3.78**	ND	ND	ND	ND	**1.56**	ND
EX-1	27-Jan-00	ND	- -	ND	ND	ND	ND	ND	ND	ND
EX-1	15-Jun-00	ND	- -	ND	ND	ND	ND	ND	ND	ND
EX-1	29-Sep-00	**0.12**	- -	**2.6**	**17**	**4.4**	**22**	ND	ND	ND
EX-1	1-Feb-01	**2.6**	- -	**110**	**1.8**	< 0.5	< 0.5	< 20.0	< 20	ND
EX-1	17-Dec-01	**30**	- -	**8,570**	**2,370**	**835**	**2,050**	**106**	**251**	****
EX-1	26-Mar-02	**49**	- -	**5,190**	**12,900**	**920**	**7,140**	<100	<50	****
EX-1	2-Jul-02	**31**	- -	**297**	**245**	**719**	**1,400**	<200	<100	****
EX-1	20-Sep-02	**9.8**	- -	<10.0	**11.3**	**90.2**	**137**	<20	<10	****
EX-1	16-Dec-02	**6.3**	- -	**38**	**65**	**24.8**	**56**	<10	<10	****
EX-1	20-Mar-03	**12**	- -	**448**	**226**	**102**	**127**	<10	<5.0	****

Footnotes:

Note: Samples collected prior to 1995 were collected by Kleinfelder

mg/l	=	Milligrams per liter which is equivalent to parts per million (ppm).
µg/l	=	Micrograms per liter which is equivalent to parts per billion (ppb).
ND	=	Not detected at laboratory reporting limit.
--	=	Not analyzed.
other (1)	=	Napthalene = 84.2 µg/l; n-propylbenzene = 65.0 µg/l; 1,3,5-trimethylbenzene = 103 µg/l; 1,2,4-trimethylbenzene = 340 µg/l; and o-xylene = 174 µg/l.
other (2)	=	Benzene = 1940 µg/l; Ethylbenzene = 875 µg/l; Napthalene = 234 µg/l; 1,2,4-trimethylbenzene = 463 µg/l; and m,p-xylene = 562 µg/l.
other (3)	=	N-propylbenzene = 6.19 µg/l; isopropylbenzene = 9.68 µg/l; 1,2,3-trimethylbenzene = 46.8 µg/l; 1,3,5-trimethylbenzene = 12.8 µg/l; and sec-butylbenzene = 4.61 µg/l.
other (4)	=	N-propylbenzene = 3.13 µg/l; 1,2,3-trimethylbenzene = 23.0 µg/l; and 1,3,5-trimethylbenzene = 21.5 µg/l.
other (5)	=	N-propylbenzene = 213 µg/l; isopropylbenzene = 70.3 µg/l; 1,3,5-tirmethylbenzene = 360 µg/l; naphthalene = 341 µg/l; and 1,2,3-trichlorobenzene = 557 µg/l.
other (6)	=	Naphthalene = 12.3 µg/l; n-propylbenzene = 8.01 µg/l; 1,2,3-trimethylbenzene = 92.1 µg/l; 1,3,5-trimethylbenzene = 69.0 µg/l.
other (7)	=	Napthalene = 216 µg/l; n-propylbenzene = 248 µg/l; 1,3,5-trimethylbenzene = 448 µg/l; 1,2,3-trimethylbenzene = 1,350 µg/l; n-butylbenzene = 60.5 µg/l; isopropylbenzene = 73.5 µg/l; and sec-butylbenzene = 13.1 µg/l.
other (8)	=	Isopropylbenzene = 21.7 µg/l; sec-butylbenzene = 4.97 µg/l; n-butylbenzene = 6.04 µg/l.
other (9)	=	1,2,3-trimethylbenzene = 6.63 µg/l.
other (10)	=	Naphthalene = 21.5 µg/l; n-propylbenzene = 9.52 µg/l; 1,2,3-trimethylbenzene = 12.1 µg/l; 1,3,5-trimethylbenzene = 7.15 µg/l; isopropylbenzene = 6.14 µg/l.
other (11)	=	N-propylbenzene = 33.2 µg/l; 1,2,3-trimethylbenzene = 164 µg/l; 1,3,5-trimethylbenzene = 63.0 µg/l; isopropylbenzene = 26.2 µg/l.
other (12)	=	Napthalene = 168 µg/l; n-propylbenzene = 140 µg/l; 1,3,5-trimethylbenzene = 331 µg/l; 1,2,3-trimethylbenzene = 922 µg/l; n-butylbenzene = 46.8 µg/l; isopropylbenzene = 54.5 µg/l.
mp	=	m,p-xylene.
B	=	Bromodichloromethane.
Be	=	Benzene by EPA Test Method 8260B.
C	=	Di-isopropyl ether.
I	=	Isopropylbenzene.
T	=	Toluene by EPA Test Method 8260B.
X	=	m,p-Xylene by EPA Test Method 8260B.
TCE	=	Trichloroethene.
PCE	=	Tetrachloroethene.
EPA 8020/5	=	Analyses performed by EPA Test Method 8020/(reporting limit for MTBE in µg/l).
*	=	Methyl tertiary butyl ether.
**	=	Analyzed using EPA Test Method 8010, all other analytes were not detected.
***	=	Chromatographic peak array does not match commercial diesel standard, probable source is gasoline.
****	=	Analyzed for other petroleum oxygenates and lead scavengers not detected at laboratory reporting limits.

TABLE 4. ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES COLLECTED FROM BORINGS

The Barlow Company
200 Morris Street
Sebastopol, California

Sample Number	Date Sampled	Sample Depth (feet bgs)	TPH as gasoline (mg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Xylenes (µg/l)	MTBE (EPA Test Method 8260B) (µg/l)	1,2-Dichloro-ethane (µg/l)	Other Petroleum Oxygenates and Lead Scavengers (µg/l)
SP-2	7/16/1991	16.5-19	**190**	**2,200**	**2,400**	**2,200**	**3,900**	-	-	-
SP-7	7/17/1991	16-21	**1.5**	**25**	**84**	**22**	**110**	-	-	-
SP-9	7/18/1991	16-17.5	**29**	**3,700**	**2,700**	**490**	**1,500**	-	-	-
SP-11	7/18/1991	14-18.5	**17**	**3,800**	**160**	**520**	**460**	-	-	-
SP-12	7/18/1991	15-18	**23**	**3,200**	**560**	**1,000**	**1,100**	-	-	-
B-9	7/18/1991	16-21	**5.7**	**250**	**64**	**58**	**34**	-	-	-
B-10	7/18/1991	17-19	**1.0**	**21**	**3.1**	**22**	**2.4**	-	-	-
B-11	7/18/1991	16.5-18.5	**550**	**5,800**	**5,200**	**760**	**3,800**	-	-	-
B-12	7/19/1991	16-20	ND	ND	ND	ND	ND	-	-	-
K-1	Sep-93	15-20	-	**4.3**	**0.8**	<0.6	<0.6	-	<0.4	-
K-1	Sep-93	31-34	-	<0.5	<0.5	<0.6	<0.6	-	**4.9**	-
K-2	Sep-93	20-23	-	<0.5	<0.5	<0.6	<0.6	-	<0.04	-
K-3	Sep-93	17.5-22	-	<0.5	<0.5	<0.6	<0.6	-	<0.4	-
K-3	Sep-93	30-33.5	-	<0.5	<0.5	<0.6	<0.6	-	**5.5**	-
K-4	Sep-93	20-24	-	<0.5	<0.5	<0.6	<0.6	-	<0.4	-
K-4	Sep-93	34-39	-	<0.5	<0.5	<0.6	<0.6	-	**57**	-
K-5	Sep-93	16-20	-	<0.5	<0.5	<0.6	<0.6	-	<0.4	-
K-5	Sep-93	31.5-34.5	-	<0.5	<0.5	<0.6	<0.6	-	<0.4	-
K-6	Sep-93	16.5-19	-	<0.5	<0.5	<0.6	<0.6	-	<0.4	-
H1W-25	1/18/2001	25	< 0.05	<0.5	<0.5	<0.5	<0.5	<0.5	<0.50	ND
H1W-36	1/18/2001	36-38.5	< 0.05	<0.5	<0.5	<0.5	<0.5	<0.5	<0.50	ND
H2W-25	1/18/2001	25	< 0.05	<0.5	<0.5	<0.5	<0.5	<1.0	<1.0	**1.02[1], 3.33[2],1.65[3,5]**
H2W-35.5	1/18/2001	35.5-36	< 0.05	<0.5	<0.5	<0.5	<0.5	**1.01**	<1.0	**1.75[2,5]**
H3W-25	1/22/2001	25	< 0.05	<0.5	<0.5	<0.5	<0.5	<1.0	<1.0	**2.81[4,5]**
H3W-36	1/22/2001	36-37	< 0.05	<0.5	<0.5	<0.5	<0.5	<1.0	<1.0	**1.35[4,5]**
H4W-25	1/19/2001	25	**0.35**	<0.5	**1.0**	<0.5	<0.5	<0.5	**17.0**	**1.15[1]**
H4W-36	1/19/2001	36-37	**0.19**	<0.5	<0.5	<0.5	<0.5	<0.5	**14.5**	ND
H5W-25	1/31/2001	25	**0.10**	**4.6**	<0.5	<0.5	<0.5	<1.0	**2.59**	ND
H5W-36	1/31/2001	33-34.5	**0.10**	**3.9**	<0.5	<0.5	**0.79**	<0.5	**4.36**	ND
H6W-25	1/17/2001	25	< 0.05	<0.5	<0.5	<0.5	<0.5	<0.5	**0.963**	ND
H6W-35	1/17/2001	35-37	< 0.05	<0.5	<0.5	<0.5	<0.5	**0.642**	**16.0**	ND
H7W-25	2/1/2001	25	< 0.05	<0.5	<0.5	<0.5	<0.5	<0.5	**0.621**	ND
H7W-36	2/1/2001	36-39.5	< 0.05	<0.5	<0.5	<0.5	<0.5	<0.5	**19.1**	ND
H8W-25	2/2/2001	25	< 0.05	<0.5	<0.5	<0.5	<0.5	<0.5	<0.50	ND
H8W-36	2/2/2001	36-37	< 0.05	<0.5	<0.5	<0.5	<0.5	<1.0	**56.1**	ND
H9W-25	2/2/2001	25	**4.1**	**170**	**1.1**	<0.5	**2.1**	<50.0	<50.0	ND
H9W-36	2/2/2001	36.5-39	< 0.05	<0.5	<0.5	<0.5	<0.5	**5.08**	<0.50	ND

TABLE 4. ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES COLLECTED FROM BORINGS

The Barlow Company
200 Morris Street
Sebastopol, California

Sample Number	Date Sampled	Sample Depth (feet bgs)	TPH as gasoline (mg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Xylenes (µg/l)	MTBE (EPA Test Method 8260B) (µg/l)	1,2-Dichloro-ethane (µg/l)	Other Petroleum Oxygenates and Lead Scavengers (µg/l)
H10W-25	1/22/2001	25	< 0.05	<0.5	<0.5	<0.5	<0.5	<0.5	<0.50	ND
H10W-37	1/22/2001	37-39	**2.2**	**110**	**2.0**	<0.50	**1.1**	<10.0	**52.1**	ND
H11W1	3/25/2002	27-32	< 0.05	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	ND[5]
H11W2	3/25/2002	35-37	< 0.05	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	ND[5]
H11W3	3/25/2002	50-52	< 0.05	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	ND[5]
H12W1	3/28/2002	29-34	< 0.05	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	ND[5]
H12W2	3/28/2002	35-37	< 0.05	<0.50	<0.50	<0.50	<0.50	**1.35**	<0.50	ND[5]
H12W3	3/28/2002	50-52	< 0.05	<0.50	<0.50	<0.50	<0.50	< 1.0	<0.50	ND[5]
H13W1	3/27/2002	25-30	< 0.05	<0.50	<0.50	<0.50	<0.50	< 1.0	<0.50	ND[5]
H13W2	3/27/2002	35-37	< 0.05	<0.50	<0.50	<0.50	<0.50	< 1.0	**9.87**	ND[5]
H13W3	3/27/2002	50-52	< 0.05	<0.50	<0.50	<0.50	<0.50	< 1.0	**6.84**	ND[5]
H15W1	3/27/2002	30-35	< 0.05	<0.50	<0.50	<0.50	<0.50	< 1.0	**1.58**	ND[5]
H15W2	3/27/2002	35-37	< 0.05	<0.50	<0.50	<0.50	<0.50	< 1.0	**2.03**	ND[5]
H15W3	3/27/2002	50-52	< 0.05	<0.50	<0.50	<0.50	<0.50	< 1.0	**2.06**	ND[5]
H17W1	3/25/2002	5 -10	< 0.05	<0.50	**0.870**	<0.50	<0.50	< 1.0	<0.50	ND[5]
H17W2	3/25/2002	35-37	< 0.05	<0.50	<0.50	<0.50	<0.50	**1.52**	**1.39**	ND[5]
H18W1	3/26/2002	25-30	< 0.05	<0.50	<0.50	<0.50	<0.50	< 1.0	**2.58**	ND[5]
H18W2	3/26/2002	35-37	< 0.05	<0.50	<0.50	<0.50	<0.50	< 1.0	**6.32**	ND[5]
H19W40	8/8/2005	40-41	< 0.05	**1.58**	<0.50	<0.50	<0.50	< 1.0	**4.20**	**1.00[1]**
H19W56	8/8/2005	55-57	< 0.05	<0.50	<0.50	<0.50	<0.50	< 1.0	**17.4**	ND[5]
H20W40	8/9/2005	40-42	< 0.05	<0.50	<0.50	<0.50	<0.50	< 1.0	**0.78**	ND[5]
H20W57	8/9/2005	55-58	< 0.05	<0.50	<0.50	<0.50	<0.50	**1.31**	<0.50	ND[5]

Note: Samples collected prior to 2001 were collected by Kleinfelder
mg/l = Milligrams per lier which is equivalent to parts per million (ppm)
µg/l = Micrograms per lier which is equivalent to parts per billion (ppb)
ND = Not detected at laboratory reporting limit
bgs = Below ground surface
- = Not analyzed
< = Not reported at given laboratory reporting limit
[1] = Di-isopropyl Ether
[2] = Tetrachloroethene
[3] = Trichloroethene
[4] = Napthalene
[5] = Also analyzed for full list of EPA Test Method 8260 compunds, only those detected are listed

TABLE 5. GROUNDWATER ELEVATION DATA SINCE 1997
200 Morris Street
Sebastopol, California

Well Number	Date Measured	Top of PVC 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)* (feet)	Hydraulic Potential ** (feet, MSL)
MW-1	14-Apr-97	68.63	11.06	14.35	54.28	3.29	2.50	56.78
MW-2	14-Apr-97	68.23	10.41	10.41	57.82	0.00	0.00	57.82
MW-3	14-Apr-97	68.45	11.50	11.50	56.95	0.00	0.00	56.95
MW-4	14-Apr-97	71.77	14.96	14.96	56.81	0.00	0.00	56.81
MW-5	14-Apr-97	68.47	11.68	12.13	56.34	0.45	0.34	56.68
MW-6	14-Apr-97	68.75	inaccessible	- -	- -	- -	- -	- -
MW-7	14-Apr-97	68.22	11.41	11.41	56.81	0.00	0.00	56.81
MW-10	14-Apr-97	68.37	12.56	12.56	55.81	0.00	0.00	55.81
MW-11	14-Apr-97	67.83	11.28	11.28	56.55	0.00	0.00	56.55
MW-12	14-Apr-97	67.48	10.80	10.80	56.68	0.00	0.00	56.68
MW-13	14-Apr-97	67.66	11.05	11.05	56.61	0.00	0.00	56.61
EX-1	14-Apr-97	not surveyed	12.60	12.60	- -	0.00	- -	- -
MW-1	28-Jul-97	68.63	16.20	16.43	52.20	0.23	0.17	52.37
MW-2	28-Jul-97	68.23	16.09	16.09	52.14	0.00	0.00	52.14
MW-4	28-Jul-97	71.77	19.47	19.47	52.30	0.00	0.00	52.30
MW-5	28-Jul-97	68.47	16.10	16.91	51.56	0.81	0.62	52.18
MW-10	28-Jul-97	68.37	16.61	16.61	51.76	0.00	0.00	51.76
EX-1	28-Jul-97	not surveyed	17.23	17.23	- -	0.00	- -	- -
MW-1	18-Nov-97	68.63	16.90	17.10	51.53	0.20	0.15	51.68
MW-2	18-Nov-97	68.23	16.67	16.67	51.56	0.00	0.00	51.56
MW-4	18-Nov-97	71.77	20.89	20.89	50.88	0.00	0.00	50.88
MW-5	18-Nov-97	68.47	17.23	18.52	49.95	1.29	0.98	50.93
MW-10	18-Nov-97	68.37	18.02	18.02	50.35	0.00	0.00	50.35
EX-1	18-Nov-97	not surveyed	17.65	17.65	- -	0.00	- -	- -

TABLE 5. GROUNDWATER ELEVATION DATA SINCE 1997
200 Morris Street
Sebastopol, California

Well Number	Date Measured	Top of PVC 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)* (feet)	Hydraulic Potential ** (feet, MSL)
MW-1	17-Feb-98	68.63	11.98	13.16	55.47	1.18	0.90	56.37
MW-2	17-Feb-98	68.23	12.84	12.84	55.39	0.00	0.00	55.39
MW-4	17-Feb-98	71.77	15.45	15.45	56.32	0.00	0.00	56.32
MW-5	17-Feb-98	68.47	12.17	12.17	56.30	0.00	0.00	56.30
MW-10	17-Feb-98	68.37	12.06	12.06	56.31	0.00	0.00	56.31
MW-11	17-Feb-98	67.83	13.92	13.92	53.91	0.00	0.00	53.91
MW-12	17-Feb-98	67.48	12.33	12.33	55.15	0.00	0.00	55.15
MW-13	17-Feb-98	67.66	12.17	12.17	55.49	0.00	0.00	55.49
EX-1	17-Feb-98	not surveyed	13.00	13.00	- -	0.00	- -	- -
MW-1	20-Aug-98	68.63	12.92	14.14	54.49	1.22	0.93	55.42
MW-2	20-Aug-98	68.23	10.24	10.24	57.99	0.00	0.00	57.99
MW-4	20-Aug-98	71.77	16.35	16.35	55.42	0.00	0.00	55.42
P-4	20-Aug-98	69.30	13.16	13.16	56.14	0.00	0.00	56.14
MW-5	20-Aug-98	68.47	13.05	13.85	54.62	0.80	0.61	55.23
MW-8	20-Aug-98	68.22	13.48	13.48	54.74	0.00	0.00	54.74
MW-9	20-Aug-98	70.08	14.11	14.11	55.97	0.00	0.00	55.97
MW-10	20-Aug-98	68.37	13.40	13.40	54.97	0.00	0.00	54.97
MW-11	20-Aug-98	67.83	13.01	13.01	54.82	0.00	0.00	54.82
MW-12	20-Aug-98	67.48	12.56	12.56	54.92	0.00	0.00	54.92
MW-13	20-Aug-98	67.66	12.91	12.91	54.75	0.00	0.00	54.75
EX-1	20-Aug-98	69.37	14.13	14.13	55.24	0.00	0.00	55.24

TABLE 5. GROUNDWATER ELEVATION DATA SINCE 1997
200 Morris Street
Sebastopol, California

Well Number	Date Measured	Top of PVC 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)* (feet)	Hydraulic Potential ** (feet, MSL)
MW-1 (1)	24-Nov-98	68.57	12.80	14.30	54.27	1.50	1.14	55.41
MW-2 (1)	24-Nov-98	68.20	11.05	11.05	57.15	0.00	0.00	57.15
MW-4	24-Nov-98	71.77	16.36	16.36	55.41	0.00	0.00	55.41
P-4 (1)	24-Nov-98	69.30	13.42	13.42	55.88	0.00	0.00	55.88
MW-5 (1)	24-Nov-98	68.70	13.00	13.69	55.01	0.69	0.52	55.53
MW-8 (1)	24-Nov-98	68.75	13.36	13.36	55.39	0.00	0.00	55.39
MW-9 (1)	24-Nov-98	70.08	14.35	14.35	55.73	0.00	0.00	55.73
MW-10 (1)	24-Nov-98	68.37	13.42	13.42	54.95	0.00	0.00	54.95
MW-11 (1)	24-Nov-98	67.83	12.90	12.90	54.93	0.00	0.00	54.93
MW-12	24-Nov-98	67.48	12.55	12.55	54.93	0.00	0.00	54.93
MW-13	24-Nov-98	67.66	12.86	12.86	54.80	0.00	0.00	54.80
EX-1	24-Nov-98	69.37	14.22	14.22	55.15	0.00	0.00	55.15
MW-1 (1)	25-Feb-99	68.57	9.83	13.86	54.71	4.03	3.06	57.77
MW-2 (1)	25-Feb-99	68.20	7.82	7.82	60.38	0.00	0.00	60.38
MW-4	25-Feb-99	71.77	12.50	12.50	59.27	0.00	0.00	59.27
P-4 (1)	25-Feb-99	69.30	9.59	9.59	59.71	0.00	0.00	59.71
MW-5 (1)	25-Feb-99	68.70	9.27	9.54	59.16	0.27	0.21	59.37
MW-8 (1)	25-Feb-99	68.75	9.36	9.36	59.39	0.00	0.00	59.39
MW-9 (1)	25-Feb-99	70.08	10.47	10.47	59.61	0.00	0.00	59.61
MW-10 (1)	25-Feb-99	68.37	9.29	9.29	59.08	0.00	0.00	59.08
MW-11 (1)	25-Feb-99	67.83	8.80	8.80	59.03	0.00	0.00	59.03
MW-12	25-Feb-99	67.48	8.41	8.41	59.07	0.00	0.00	59.07
MW-13	25-Feb-99	67.66	8.65	8.65	59.01	0.00	0.00	59.01
MW-14 (1)	25-Feb-99	68.77	8.65	10.54	58.23	1.89	1.44	59.67
EX-1	25-Feb-99	69.37	10.15	10.15	59.22	0.00	0.00	59.22

TABLE 5. GROUNDWATER ELEVATION DATA SINCE 1997
200 Morris Street
Sebastopol, California

Well Number	Date Measured	Top of PVC 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)* (feet)	Hydraulic Potential ** (feet, MSL)
MW-1 (1)	28-May-99	68.57	11.50	14.36	54.21	2.86	2.17	56.38
MW-2 (1)	27-May-99	68.20	11.14	11.14	57.06	0.00	0.00	57.06
MW-4	28-May-99	71.77	15.41	15.41	56.36	0.00	0.00	56.36
P-4 (1)	27-May-99	69.30	11.95	11.95	57.35	0.00	0.00	57.35
MW-5 (1)	28-May-99	68.70	12.23	12.69	56.01	0.46	0.35	56.36
MW-8 (1)	27-May-99	68.75	12.96	12.96	55.79	0.00	0.00	55.79
MW-9 (1)	27-May-99	70.08	13.02	13.02	57.06	0.00	0.00	57.06
MW-10 (1)	27-May-99	68.37	12.58	12.58	55.79	0.00	0.00	55.79
MW-11 (1)	27-May-99	67.83	12.35	12.35	55.48	0.00	0.00	55.48
MW-12	27-May-99	67.48	11.74	11.74	55.74	0.00	0.00	55.74
MW-13	27-May-99	67.66	12.12	12.12	55.54	0.00	0.00	55.54
MW-14 (1)	28-May-99	68.77	11.34	14.04	54.73	2.70	2.05	56.78
EX-1	27-May-99	69.37	13.21	13.21	56.16	0.00	0.00	56.16
MW-1 (1)	28-Jan-00	68.57	15.87	15.87	52.70	0.00	0.00	52.70
MW-2 (1)	27-Jan-00	68.20	14.33	14.33	53.87	0.00	0.00	53.87
MW-4	27-Jan-00	71.77	19.19	19.19	52.58	0.00	0.00	52.58
P-4 (1)	27-Jan-00	69.30	15.50	15.50	53.80	0.00	0.00	53.80
MW-5 (1)	28-Jan-00	68.70	15.98	15.98	52.72	0.00	0.00	52.72
MW-8 (1)	27-Jan-00	68.75	15.91	15.91	52.84	0.00	0.00	52.84
MW-9 (1)	27-Jan-00	70.08	16.45	16.45	53.63	0.00	0.00	53.63
MW-10 (1)	27-Jan-00	68.37	16.32	16.32	52.05	0.00	0.00	52.05
MW-11 (1)	27-Jan-00	67.83	15.82	15.82	52.01	0.00	0.00	52.01
MW-12	27-Jan-00	67.48	15.55	15.55	51.93	0.00	0.00	51.93
MW-13	27-Jan-00	67.66	15.88	15.88	51.78	0.00	0.00	51.78
MW-14 (1)	28-Jan-00	68.77	15.50	16.35	52.42	0.85	0.65	53.07
EX-1	27-Jan-00	69.37	16.99	16.99	52.38	0.00	0.00	52.38

TABLE 5. GROUNDWATER ELEVATION DATA SINCE 1997
200 Morris Street
Sebastopol, California

Well Number	Date Measured	Top of PVC 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)* (feet)	Hydraulic Potential ** (feet, MSL)
MW-1 (1)	15-Jun-00	68.57	14.82	14.90	53.67	0.08	0.06	53.73
MW-2 (1)	15-Jun-00	68.20	14.64	14.64	53.56	0.00	0.00	53.56
MW-4	15-Jun-00	71.77	18.04	18.04	53.73	0.00	0.00	53.73
P-4 (1)	15-Jun-00	69.30	14.50	14.50	54.80	0.00	0.00	54.80
MW-5 (1)	15-Jun-00	68.70	14.95	15.00	53.70	0.05	0.04	53.74
MW-8 (1)	15-Jun-00	68.75	15.15	15.15	53.60	0.00	0.00	53.60
MW-9 (1)	15-Jun-00	70.08	15.56	15.56	54.52	0.00	0.00	54.52
MW-10 (1)	15-Jun-00	68.37	15.28	15.28	53.09	0.00	0.00	53.09
MW-11 (1)	15-Jun-00	67.83	14.90	14.90	52.93	0.00	0.00	52.93
MW-12	15-Jun-00	67.48	14.45	14.45	53.03	0.00	0.00	53.03
MW-13	15-Jun-00	67.66	14.81	14.81	52.85	0.00	0.00	52.85
MW-14 (1)	15-Jun-00	68.77	14.49	15.15	53.62	0.66	0.50	54.12
EX-1	15-Jun-00	69.37	15.87	15.87	53.50	0.00	0.00	53.50
MW-1 (1)	29-Sep-00	68.57	16.43	17.64	50.93	1.21	0.92	51.85
MW-2 (1)	29-Sep-00	68.20	18.34	18.34	49.86	0.00	0.00	49.86
MW-4	29-Sep-00	71.77	21.74	21.74	50.03	0.00	0.00	50.03
P-4 (1)	29-Sep-00	69.30	18.14	18.14	51.16	0.00	0.00	51.16
MW-5 (1)	29-Sep-00	68.70	18.36	18.93	49.77	0.57	0.43	50.20
MW-8 (1)	29-Sep-00	68.75	18.37	18.37	50.38	0.00	0.00	50.38
MW-9 (1)	29-Sep-00	70.08	18.80	18.80	51.28	0.00	0.00	51.28
MW-10 (1)	29-Sep-00	68.37	19.01	19.01	49.36	0.00	0.00	49.36
MW-11 (1)	29-Sep-00	67.83	18.49	18.49	49.34	0.00	0.00	49.34
MW-12	29-Sep-00	67.48	18.19	18.19	49.29	0.00	0.00	49.29
MW-13	29-Sep-00	67.66	18.53	18.53	49.13	0.00	0.00	49.13
MW-14 (1)	29-Sep-00	68.77	18.11	19.05	49.72	0.94	0.71	50.43
EX-1	29-Sep-00	69.37	19.65	19.65	49.72	0.00	0.00	49.72

TABLE 5. GROUNDWATER ELEVATION DATA SINCE 1997
200 Morris Street
Sebastopol, California

Well Number	Date Measured	Top of PVC 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)* (feet)	Hydraulic Potential ** (feet, MSL)
MW-1 (1)	1-Feb-01	68.57	17.51	18.16	50.41	0.65	0.49	50.90
MW-2 (1)	1-Feb-01	68.20	12.16	12.16	56.04	0.00	0.00	56.04
MW-4	1-Feb-01	71.77	20.96	20.96	50.81	0.00	0.00	50.81
P-4 (1)	1-Feb-01	69.30	18.60	18.60	50.70	0.00	0.00	50.70
MW-5 (1)	1-Feb-01	68.70	17.69	17.79	50.91	0.10	0.08	50.99
MW-8 (1)	1-Feb-01	68.75	17.47	17.47	51.28	0.00	0.00	51.28
MW-9 (1)	1-Feb-01	70.08	18.19	18.19	51.89	0.00	0.00	51.89
MW-10 (1)	1-Feb-01	68.37	18.02	18.02	50.35	0.00	0.00	50.35
MW-11 (1)	1-Feb-01	67.83	17.41	17.41	50.42	0.00	0.00	50.42
MW-12	1-Feb-01	67.48	17.15	17.15	50.33	0.00	0.00	50.33
MW-13	1-Feb-01	67.66	17.43	17.43	50.23	0.00	0.00	50.23
MW-14 (1)	2-Feb-01	68.77	15.83	16.63	52.14	0.80	0.61	52.75
EX-1	1-Feb-01	69.37	18.76	18.76	50.61	0.00	0.00	50.61
MW-1 (1)	17-Dec-01	68.57	22.63	23.75	44.82	1.12	0.85	45.67
MW-2 (1)	17-Dec-01	68.20	23.75	23.75	44.45	0.00	0.00	44.45
MW-4	17-Dec-01	71.77	Dry	Dry				
P-4 (1)	17-Dec-01	69.30	23.48	23.48	45.82	0.00	0.00	45.82
MW-5 (1)	17-Dec-01	68.70	23.00	24.38	44.32	1.38	1.05	45.37
MW-8 (1)	17-Dec-01	68.75	23.67	23.67	45.08	0.00	0.00	45.08
MW-9 (1)	17-Dec-01	70.08	24.15	24.15	45.93	0.00	0.00	45.93
MW-10 (1)	17-Dec-01	68.37	24.62	24.62	43.75	0.00	0.00	43.75
MW-11 (1)	17-Dec-01	67.83	23.89	23.89	43.94	0.00	0.00	43.94
MW-12	17-Dec-01	67.48	Dry	Dry				
MW-13	17-Dec-01	67.66	24.05	24.05	43.61	0.00	0.00	43.61
MW-14 (1)	17-Dec-01	68.77	NA	NA				
EX-1	17-Dec-01	69.37	25.17	25.17	44.20	0.00	0.00	44.20

TABLE 5. GROUNDWATER ELEVATION DATA SINCE 1997
200 Morris Street
Sebastopol, California

Well Number	Date Measured	Top of PVC 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)* (feet)	Hydraulic Potential ** (feet, MSL)
MW-1 (1)	26-Mar-02	68.57	22.71	23.81	44.76	1.10	0.84	45.60
MW-2 (1)	26-Mar-02	68.20	10.28	10.28	57.92	0.00	0.00	57.92
MW-4	26-Mar-02	71.77	Dry	Dry				
P-4 (1)	26-Mar-02	69.30	23.10	23.10	46.20	0.00	0.00	46.20
MW-5 (1)	26-Mar-02	68.70	23.28	24.07	44.63	0.79	0.60	45.23
MW-8 (1)	26-Mar-02	68.75	23.45	23.45	45.30	0.00	0.00	45.30
MW-9 (1)	26-Mar-02	70.08	23.73	23.73	46.35	0.00	0.00	46.35
MW-10 (1)	26-Mar-02	68.37	24.64	24.64	43.73	0.00	0.00	43.73
MW-11 (1)	26-Mar-02	67.83	23.80	23.80	44.03	0.00	0.00	44.03
MW-12	26-Mar-02	67.48	Dry	Dry				
MW-13	26-Mar-02	67.66	Dry	Dry				
MW-14 (1)	26-Mar-02	68.77	Dry	Dry				
EX-1	26-Mar-02	69.37	25.03	25.03	44.34	0.00	0.00	44.34
MW-1 (1)	2-Jul-02	68.57	23.65	24.04	44.53	0.39	0.30	44.83
MW-2 (1)	2-Jul-02	68.20	10.25	10.25	57.95	0.00	0.00	57.95
MW-4	2-Jul-02	71.77	Dry	Dry				
P-4 (1)	2-Jul-02	69.30	Dry	Dry				
MW-5 (1)	2-Jul-02	68.70	23.90	24.62	44.08	0.72	0.55	44.63
MW-8 (1)	2-Jul-02	68.75	25.70	25.70	43.05	0.00	0.00	43.05
MW-9 (1)	2-Jul-02	70.08	25.95	25.95	44.13	0.00	0.00	44.13
MW-10 (1)	2-Jul-02	68.37	25.80	25.80	42.57	0.00	0.00	42.57
MW-11 (1)	2-Jul-02	67.83	24.62	24.62	43.21	0.00	0.00	43.21
MW-12	2-Jul-02	67.48	Dry	Dry				
MW-13	2-Jul-02	67.66	Dry	Dry				
MW-14 (1)	2-Jul-02	68.77	Dry	Dry				
EX-1	2-Jul-02	69.37	25.55	25.58	43.79	0.03	0.02	43.81

TABLE 5. GROUNDWATER ELEVATION DATA SINCE 1997
200 Morris Street
Sebastopol, California

Well Number	Date Measured	Top of PVC 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)* (feet)	Hydraulic Potential ** (feet, MSL)
MW-1 (1)	20-Sep-02	68.57	Dry	Dry				
MW-2 (1)	20-Sep-02	68.20	10.31	10.31	57.89	0.00	0.00	57.89
MW-4	20-Sep-02	71.77	Dry	Dry				
P-4 (1)	20-Sep-02	69.30	Dry	Dry				
MW-5 (1)	20-Sep-02	68.70	24.45	24.49	44.21	0.04	0.03	44.24
MW-8 (1)	20-Sep-02	68.75	27.12	27.12	41.63	0.00	0.00	41.63
MW-9 (1)	20-Sep-02	70.08	27.64	27.64	42.44	0.00	0.00	42.44
MW-10 (1)	20-Sep-02	68.37	27.00	27.00	41.37	0.00	0.00	41.37
MW-11 (1)	20-Sep-02	67.83	25.71	25.71	42.12	0.00	0.00	42.12
MW-12	20-Sep-02	67.48	Dry	Dry				
MW-13	20-Sep-02	67.66	Dry	Dry				
MW-14 (1)	20-Sep-02	68.77	Dry	Dry				
EX-1	20-Sep-02	69.37	26.68	26.68	42.69	0.00	0.00	42.69
MW-1 (1)	16-Dec-02	68.57	Dry	Dry				
MW-2 (1)	16-Dec-02	68.20	7.25	7.25	60.95	0.00	0.00	60.95
MW-4	16-Dec-02	71.77	Dry	Dry				
P-4 (1)	16-Dec-02	69.30	Dry	Dry				
MW-5 (1)	16-Dec-02	68.70	Dry	Dry				
MW-8 (1)	16-Dec-02	68.75	28.01	28.01	40.74	0.00	0.00	40.74
MW-9 (1)	16-Dec-02	70.08	28.95	28.95	41.13	0.00	0.00	41.13
MW-10 (1)	16-Dec-02	68.37	28.09	28.09	40.28	0.00	0.00	40.28
MW-11 (1)	16-Dec-02	67.83	26.77	26.77	41.06	0.00	0.00	41.06
MW-12	16-Dec-02	67.48	Dry	Dry				
MW-13	16-Dec-02	67.66	Dry	Dry				
MW-14 (1)	16-Dec-02	68.77	Dry	Dry				
EX-1	16-Dec-02	69.37	27.62	27.62	41.75	0.00	0.00	41.75

TABLE 5. GROUNDWATER ELEVATION DATA SINCE 1997
200 Morris Street
Sebastopol, California

Well Number	Date Measured	Top of PVC 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)* (feet)	Hydraulic Potential ** (feet, MSL)
MW-1 (1)	20-Mar-03	68.57	Dry	Dry				
MW-2 (1)	20-Mar-03	68.20	10.26	10.26	57.94	0.00	0.00	57.94
MW-4	20-Mar-03	71.77	Dry	Dry				
P-4 (1)	20-Mar-03	69.30	Dry	Dry				
MW-5 (1)	20-Mar-03	68.70	Dry	Dry				
MW-8 (1)	20-Mar-03	68.75	27.02	27.02	41.73	0.00	0.00	41.73
MW-9 (1)	20-Mar-03	70.08	27.44	27.44	42.64	0.00	0.00	42.64
MW-10 (1)	20-Mar-03	68.37	27.53	27.53	40.84	0.00	0.00	40.84
MW-11 (1)	20-Mar-03	67.83	26.47	26.47	41.36	0.00	0.00	41.36
MW-12	20-Mar-03	67.48	Dry	Dry				
MW-13	20-Mar-03	67.66	Dry	Dry				
MW-14 (1)	20-Mar-03	68.77	Dry	Dry				
EX-1	20-Mar-03	69.37	27.35	27.35	42.02	0.00	0.00	42.02
MW-1 (1)	24-Jun-03	68.57	Dry	Dry				
MW-2 (1)	24-Jun-03	68.20	10.42	10.42	57.78	0.00	0.00	57.78
MW-4	24-Jun-03	71.77	Dry	Dry				
P-4 (1)	24-Jun-03	69.30	Dry	Dry				
MW-5 (1)	24-Jun-03	68.70	Dry	Dry				
MW-8 (1)	24-Jun-03	68.75	28.06	28.06	40.69	0.00	0.00	40.69
MW-9 (1)	24-Jun-03	70.08	28.50	28.50	41.58	0.00	0.00	41.58
MW-10 (1)	24-Jun-03	68.37	NM	NM			0.00	0.00
MW-11 (1)	24-Jun-03	67.83	26.74	26.74	41.09	0.00	0.00	41.09
MW-12	24-Jun-03	67.48	Dry	Dry				
MW-13	24-Jun-03	67.66	Dry	Dry				
MW-14 (1)	24-Jun-03	68.77	Dry	Dry				
EX-1	24-Jun-03	69.37	Dry	Dry				

TABLE 5. GROUNDWATER ELEVATION DATA SINCE 1997
200 Morris Street
Sebastopol, California

Well Number	Date Measured	Top of PVC 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)* (feet)	Hydraulic Potential ** (feet, MSL)
MW-1 (1)	11-Sep-03	68.57	Dry	Dry				
MW-2 (1)	11-Sep-03	68.20	13.08	13.08	55.12	0.00	0.00	55.12
MW-4	11-Sep-03	71.77	Dry	Dry				
P-4 (1)	11-Sep-03	69.30	Dry	Dry				
MW-5 (1)	11-Sep-03	68.70	Dry	Dry				
MW-8 (1)	11-Sep-03	68.75	30.30	30.30	38.45	0.00	0.00	38.45
MW-9 (1)	11-Sep-03	70.08	30.72	30.72	39.36	0.00	0.00	39.36
MW-10 (1)	11-Sep-03	68.37	NM	NM				
MW-11 (1)	11-Sep-03	67.83	27.90	27.90	39.93	0.00	0.00	39.93
MW-12	11-Sep-03	67.48	Dry	Dry				
MW-13	11-Sep-03	67.66	Dry	Dry				
MW-14 (1)	11-Sep-03	68.77	Dry	Dry				
EX-1	11-Sep-03	69.37	Dry	Dry				
MW-1 (1)	11-Mar-04	68.57	NM	NM				
MW-2 (1)	11-Mar-04	68.20	10.55	10.55	57.65	0.00	0.00	57.65
MW-4	11-Mar-04	71.77	NM	NM				
P-4 (1)	11-Mar-04	69.30	NM	NM				
MW-5 (1)	11-Mar-04	68.70	NM	NM				
MW-8 (1)	11-Mar-04	68.75	31.64	31.64	37.11	0.00	0.00	37.11
MW-9 (1)	11-Mar-04	70.08	32.15	32.15	37.93	0.00	0.00	37.93
MW-10 (1)	11-Mar-04	68.37	NM	NM				
MW-11 (1)	11-Mar-04	67.83	30.22	30.22	37.61	0.00	0.00	37.61
MW-12	11-Mar-04	67.48	NM	NM				
MW-13	11-Mar-04	67.66	NM	NM				
MW-14 (1)	11-Mar-04	68.77	NM	NM				
MW-15	11-Mar-04	68.19	31.12	31.12	37.07	0.00	0.00	37.07
EX-1	11-Mar-04	69.37	NM	NM				

TABLE 5. GROUNDWATER ELEVATION DATA SINCE 1997
200 Morris Street
Sebastopol, California

Well Number	Date Measured	Top of PVC 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)* (feet)	Hydraulic Potential ** (feet, MSL)
MW-1 (1)	7-Jun-04	68.57	NM	NM				
MW-2 (1)	7-Jun-04	68.20	10.60	10.60	57.60	0.00	0.00	57.60
MW-4	7-Jun-04	71.77	NM	NM				
P-4 (1)	7-Jun-04	69.30	NM	NM				
MW-5 (1)	7-Jun-04	68.70	NM	NM				
MW-8 (1)	7-Jun-04	68.75	32.83	32.83	35.92	0.00	0.00	35.92
MW-9 (1)	7-Jun-04	70.08	33.40	33.40	36.68	0.00	0.00	36.68
MW-10 (1)	7-Jun-04	68.37	31.46	31.46	36.91	0.00	0.00	36.91
MW-11 (1)	7-Jun-04	67.83	31.17	31.17	36.66	0.00	0.00	36.66
MW-12	7-Jun-04	67.48	NM	NM				
MW-13	7-Jun-04	67.66	NM	NM				
MW-14 (1)	7-Jun-04	68.77	NM	NM				
MW-15	8-Jun-04	68.19	31.35	39.80	28.39	8.45	6.42	34.81
EX-1	7-Jun-04	69.37	NM	NM				
MW-1 (1)	22-Oct-04	68.57	NM	NM				
MW-2 (1)	22-Oct-04	68.20	10.82	10.82	57.38	0.00	0.00	57.38
MW-4	22-Oct-04	71.77	NM	NM				
P-4 (1)	22-Oct-04	69.30	NM	NM				
MW-5 (1)	22-Oct-04	68.70	NM	NM				
MW-8 (1)	22-Oct-04	68.75	36.04	36.04	32.71	0.00	0.00	32.71
MW-9 (1)	22-Oct-04	70.08	36.70	36.70	33.38	0.00	0.00	33.38
MW-10 (1)	22-Oct-04	68.37	32.23	32.23	36.14	0.00	0.00	36.14
MW-11 (1)	22-Oct-04	67.83	32.17	32.17	35.66	0.00	0.00	35.66
MW-12	22-Oct-04	67.48	NM	NM				
MW-13	22-Oct-04	67.66	NM	NM				
MW-14 (1)	22-Oct-04	68.77	NM	NM				
MW-15	22-Oct-04	68.19	36.03	38.68	29.51	2.65	2.01	31.52
MW-16	22-Oct-04	68.33	36.23	36.23	32.10	0.00	0.00	32.10
MW-17	22-Oct-04	68.69	37.60	37.60	31.09	0.00	0.00	31.09
MW-18	22-Oct-04	68.18	37.00	37.00	31.18	0.00	0.00	31.18
MW-19	22-Oct-04	67.65	37.25	37.25	30.40	0.00	0.00	30.40
MW-20	22-Oct-04	68.34	34.21	34.21	34.13	0.00	0.00	34.13
EX-1	22-Oct-04	69.37	NM	NM				

TABLE 5. GROUNDWATER ELEVATION DATA SINCE 1997
200 Morris Street
Sebastopol, California

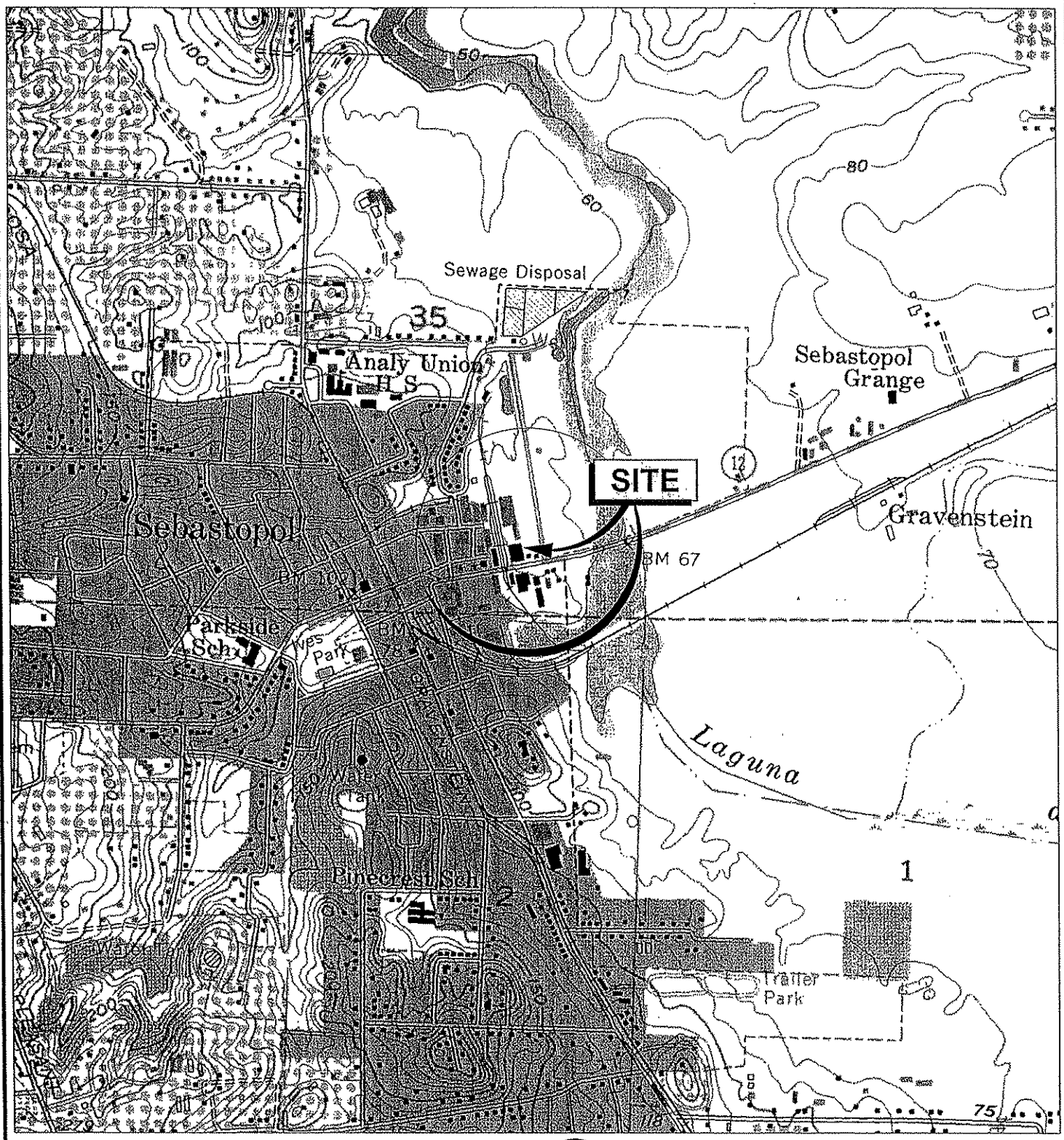
Well Number	Date Measured	Top of PVC Elevation (Feet, MSL)	Depth to Fluid/Air Interface (feet)	Depth to Product/Water Interface (feet)	Elevation of Groundwater Uncorrected (feet, MSL)	Floating Product Thickness (feet)	Correction for Free Product (Factor of 0.76)* (feet)	Hydraulic Potential ** (feet, MSL)
MW-1 (1)	24-Jan-05	68.57	NM	NM				
MW-2 (1)	24-Jan-05	68.20	15.43	15.43	52.77	0.00	0.00	52.77
MW-4	24-Jan-05	71.77	NM	NM				
P-4 (1)	24-Jan-05	69.30	NM	NM				
MW-5 (1)	24-Jan-05	68.70	NM	NM				
MW-8 (1)	24-Jan-05	68.75	36.26	36.26	32.49	0.00	0.00	32.49
MW-9 (1)	24-Jan-05	70.08	36.85	36.85	33.23	0.00	0.00	33.23
MW-10 (1)	24-Jan-05	68.37	32.94	32.94	35.43	0.00	0.00	35.43
MW-11 (1)	24-Jan-05	67.83	33.16	33.16	34.67	0.00	0.00	34.67
MW-12	24-Jan-05	67.48	NM	NM				
MW-13	24-Jan-05	67.66	NM	NM				
MW-14 (1)	24-Jan-05	68.77	NM	NM				
MW-15	24-Jan-05	68.19	36.38	38.42	29.77	2.04	1.55	31.32
MW-16	24-Jan-05	68.33	37.25	37.25	31.08	0.00	0.00	31.08
MW-17	24-Jan-05	68.69	37.52	37.52	31.17	0.00	0.00	31.17
MW-18	24-Jan-05	68.18	36.93	36.93	31.25	0.00	0.00	31.25
MW-19	24-Jan-05	67.65	37.05	37.05	30.60	0.00	0.00	30.60
MW-20	24-Jan-05	68.34	36.56	36.56	31.78	0.00	0.00	31.78
EX-1	24-Jan-05	69.37	NM	NM				
MW-1 (1)	28-Apr-05	68.57	NM	NM				
MW-2 (1)	28-Apr-05	68.20	14.87	14.87	53.33	0.00	0.00	53.33
MW-4	28-Apr-05	71.77	NM	NM				
P-4 (1)	28-Apr-05	69.30	NM	NM				
MW-5 (1)	28-Apr-05	68.70	NM	NM				
MW-8 (1)	28-Apr-05	68.75	35.22	35.22	33.53	0.00	0.00	33.53
MW-9 (1)	28-Apr-05	70.08	35.80	35.80	34.28	0.00	0.00	34.28
MW-10 (1)	28-Apr-05	68.37	32.96	32.96	35.41	0.00	0.00	35.41
MW-11 (1)	28-Apr-05	67.83	33.58	33.58	34.25	0.00	0.00	34.25
MW-12	28-Apr-05	67.48	NM	NM				
MW-13	28-Apr-05	67.66	NM	NM				
MW-14 (1)	28-Apr-05	68.77	NM	NM				
MW-15	28-Apr-05	68.19						
MW-16	28-Apr-05	68.33	36.26	36.26	32.07	0.00	0.00	32.07
MW-17	28-Apr-05	68.69	36.55	36.55	32.14	0.00	0.00	32.14

TABLE 5. GROUNDWATER ELEVATION DATA SINCE 1997
200 Morris Street
Sebastopol, California

Well Number	Date Measured	Top of PVC 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)* (feet)	Hydraulic Potential ** (feet, MSL)
MW-18	28-Apr-05	68.18						
MW-19	28-Apr-05	67.65	36.09	36.09	31.56	0.00	0.00	31.56
MW-20	28-Apr-05	68.34	35.71	35.71	32.63	0.00	0.00	32.63
EX-1	28-Apr-05	69.37	NM	NM				
MW-1 (1)	18-Aug-05	68.57	NM	NM				
MW-4	18-Aug-05	71.77	NM	NM				
P-4 (1)	18-Aug-05	69.30	NM	NM				
MW-5 (1)	18-Aug-05	68.70	NM	NM				
MW-8 (1)	18-Aug-05	68.75	36.87	36.87	31.88	0.00	0.00	31.88
MW-9 (1)	18-Aug-05	70.08	37.38	37.38	32.70	0.00	0.00	32.70
MW-10 (1)	18-Aug-05	68.37	32.90	32.90	35.47	0.00	0.00	35.47
MW-11 (1)	18-Aug-05	67.83	34.95	34.95	32.88	0.00	0.00	32.88
MW-12	18-Aug-05	67.48	NM	NM				
MW-13	18-Aug-05	67.66	NM	NM				
MW-14 (1)	18-Aug-05	68.77	NM	NM				
MW-15	18-Aug-05	68.19	36.11	39.48	28.71	3.37	2.56	31.27
MW-16	18-Aug-05	68.33	38.17	38.17	30.16	0.00	0.00	30.16
MW-17	18-Aug-05	68.69	38.34	38.34	30.35	0.00	0.00	30.35
MW-18	18-Aug-05	68.18	37.67	37.67	30.51	0.00	0.00	30.51
MW-19	18-Aug-05	67.65	37.96	37.96	29.69	0.00	0.00	29.69
MW-20	18-Aug-05	68.34	37.32	37.32	31.02	0.00	0.00	31.02
MW-21	18-Aug-05	68.62	37.77	37.77	30.85	0.00	0.00	30.85
MW-22	18-Aug-05	68.41	Dry					
MW-23	18-Aug-05	67.62	34.78	34.78	32.84	0.00	0.00	32.84
EX-1	18-Aug-05	69.37	NM	NM				

MSL = Mean sea level.
-1 = Top of well casings resurveyed by Carlenzoli and Associates on January 25, 1999. Wells showing changes in elevations are MW-1, MW-2, MW-5, and MW-8.
-2 = Only product present in well casing. Product thickness is likely greater than measured.
* = Factor is equal to the density of gasoline (assumed to be 0.76 grams per cubic centimeter) divided by the density of groundwater (0.998 grams per cubic centimeter).
** = Hydraulic potential is equal to the floating product thickness time the correction factor (0.76), plus the elevation of groundwater uncorrected.

PLATES



REFERENCE:
Sebastopol, 1993,
7.5 Minute Quadrangle Topographic Map, USGS.

NORTH

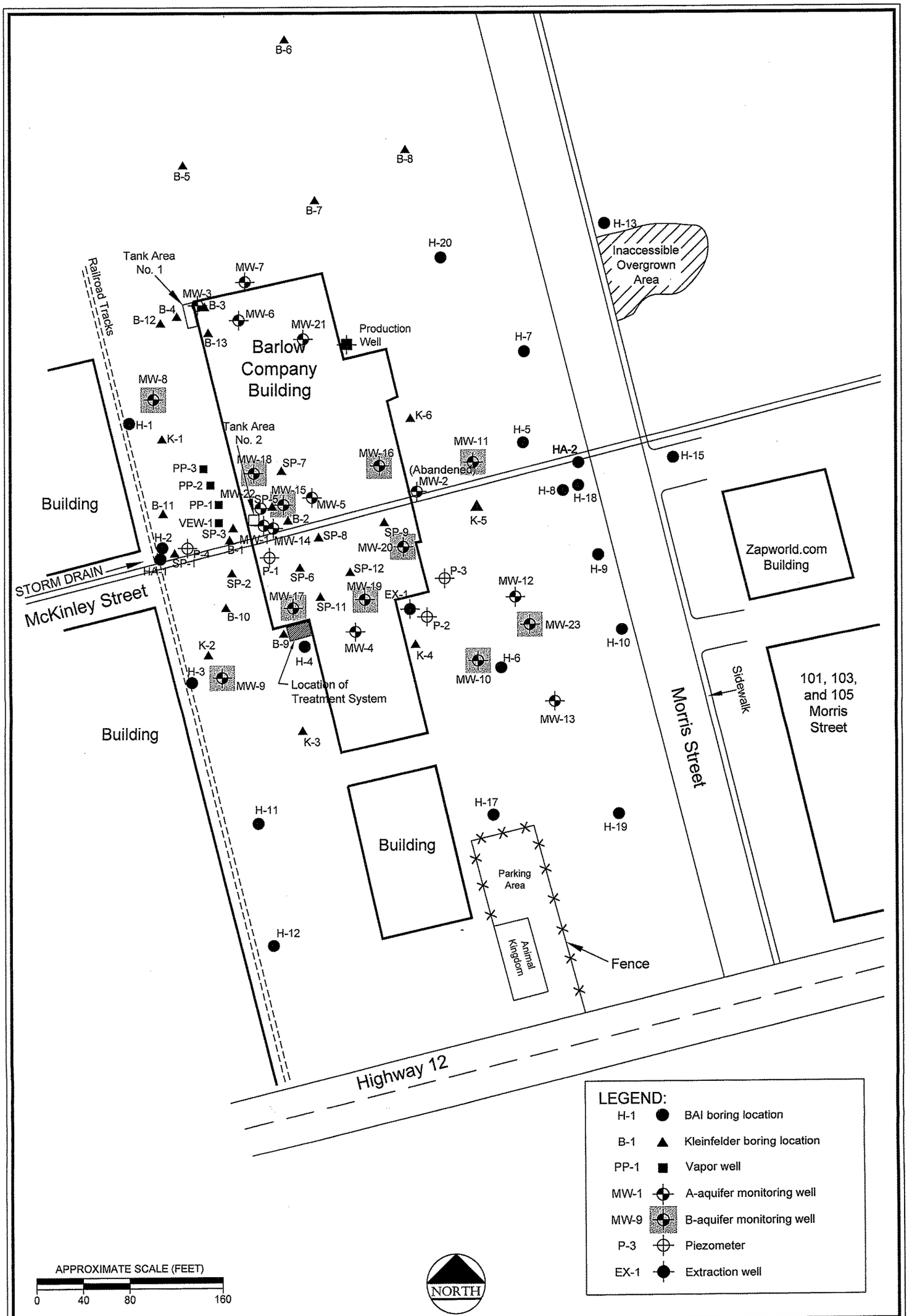
APPROXIMATE SCALE (FEET)
0 500 1,000 2,000

Brunsing Associates, Inc.
5803 Skylane Boulevard
Suite A
Windsor, California
(707) 838-3027

Job No.: 466
Appr.: DMP
Date: 03/04/03

SITE VICINITY MAP
200 Morris Street
Sebastopol, California

PLATE
1

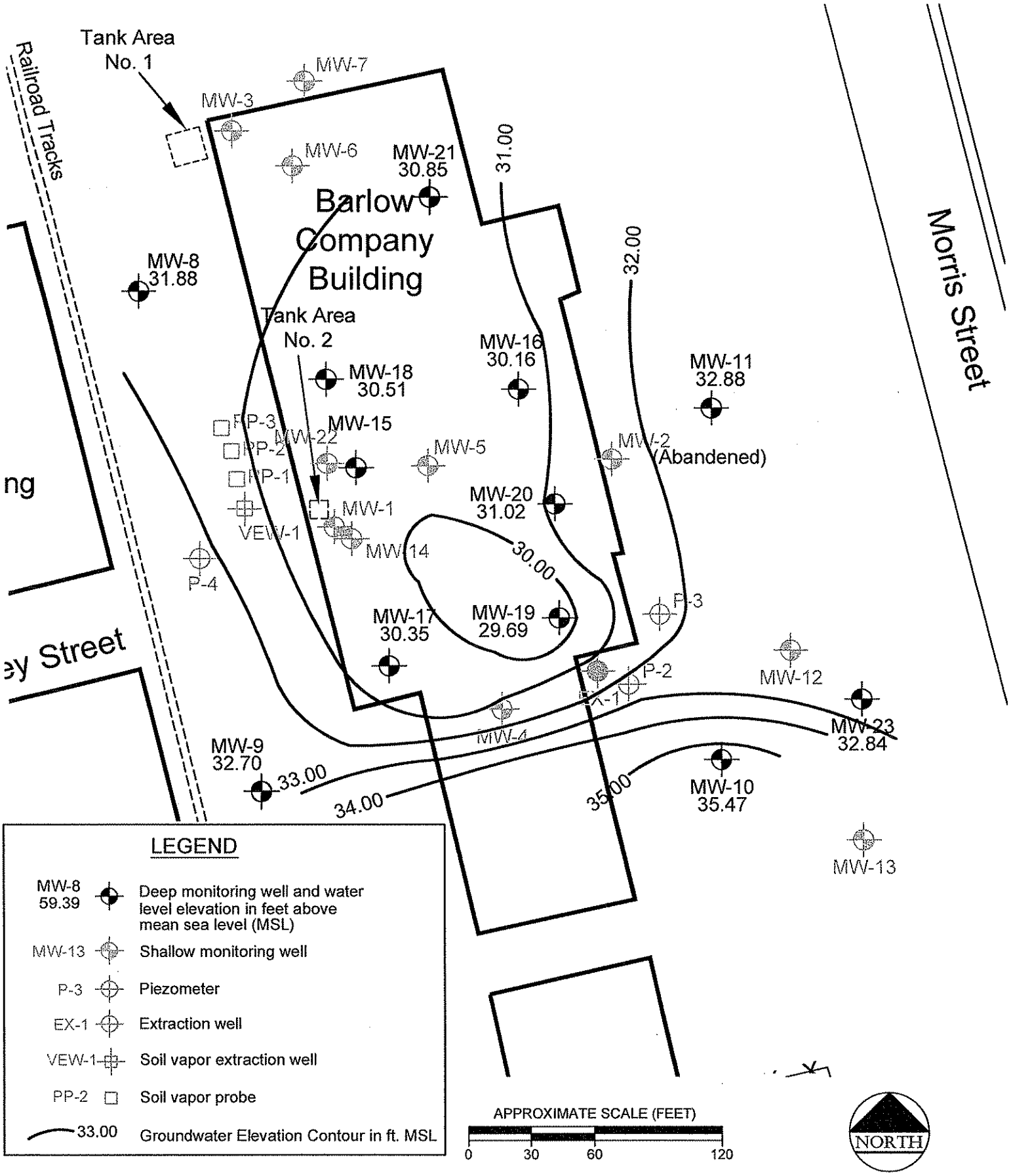


Brunsing Associates, Inc.
5468 Skylane Blvd., Suite 201
Santa Rosa, California 95403
Tel: (707) 838-3027

Job No.: 780
Appr.:
Date: 6/30/04

SITE MAP
200 Morris Street
Sebastopol, California

PLATE
2



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

Job No.: 780
Appr.:
Date: 9/13/05

GROUNDWATER ELEVATIONS
DEEP WELLS AUGUST 18, 2005
200 Morris Street
Sebastopol, California

PLATE
3

APPENDIX A

Boring Logs and Monitoring Well Completion Details

BRUNSING ASSOCIATES, INC.
P.O. BOX 588
Windsor, CA. 95492
Telephone: (707) 838-3027
Fax: (707) 838-4420

COORDINATES:
SURFACE ELEVATION: DATUM:

BORING NO.: **H-19** SHEET 1 OF 2
PROJECT: **BARLOW**
LOCATION: **Sebastopol, California**
PROJECT NO.: **780.012**
LOGGED BY: **DEC**

SAMPLE INFORMATION						DESCRIPTION	STRATA	WELL CONSTRUCTION DETAIL
DEPTH FEET	LAB SAMPLE	SAMPLE TYPE	BLOW COUNTS	Recovery (%)	PID (ppm)			
						BROWN SANDY SILT (SM) very loose, damp, fine-grained sand		
5			4 11 15		0.0	BROWN SILTY CLAY (CL) very stiff, damp, some sand		5
10			7 8 16		0.0	BROWN SILTY SAND (SM) moist, some clay, medium to fine-grained sand		10
15			8 12 23		0.0	ORANGE BROWN SILTY SAND (SM) medium dense, damp, coarse to medium-grained sand, some gravel		15
20			12 23 33		0.0	RUST BROWN SILTY SAND (SM) loose, damp, medium to fine-grained sand		20
25			29 37 41		0.0	RUST BROWN SAND (SP) medium dense, damp, some silt, medium-grained sand		25
30			12 17 19		0.0			30
35			16 23 40		0.0	GRAY BROWN SILTY SAND (SM) medium dense, moist, medium to		35

DRILLING CONTRACTOR: Clear Heart
DRILLING METHOD: 6-inch Hollow Stem Auger
DRILLING EQUIPMENT: CME
DRILLING STARTED: 8/8/05 ENDED: 8/8/05

REMARKS

See key sheet for symbols and abbreviations used above.

BRUNSING ASSOCIATES, INC.

Job No.: 780.012
Appr.:
Date: 10/24/05

LOG OF BORING H-19
BARLOW
200 Morris Street
Sebastopol, California

PLATE
A-1

ENVIRONMENTAL BORING LOG AND WELL COMPLETION 20050822_BARLOW.GPJ BACE.GDT 10/24/05

BRUNSING ASSOCIATES, INC.
P.O. BOX 588
Windsor, CA. 95492
Telephone: (707) 838-3027
Fax: (707) 838-4420

COORDINATES:
SURFACE ELEVATION: DATUM:

BORING NO.: **H-19** SHEET 2 OF 2
PROJECT: **BARLOW**
LOCATION: **Sebastopol, California**
PROJECT NO.: **780.012**
LOGGED BY: **DEC**

SAMPLE INFORMATION						DESCRIPTION	STRATA	WELL CONSTRUCTION DETAIL
DEPTH FEET	LAB SAMPLE	SAMPLE TYPE	BLOW COUNTS	Recovery (%)	PID (ppm)			
						fine-grained sand		
						GRAY BROWN SILTY SAND (SM) medium dense, moist, medium to fine-grained sand		
40			7 15 26		0.0	DARK BROWN SANDY SILT (SM) dense, moist		40
						GREEN GRAY SILTY SAND (SM) dense, saturated, medium to fine-grained sand		
45			17 32 36		0.0	BROWN SILTY SAND (SM) medium dense, saturated, medium to fine-grained sand		45
50			33 50/6"		0.0			50
55			50/6"		0.0	BROWN SAND (SP) loose, saturated, coarse to medium-grained sand, some gravel		55
60			37 50		0.0	BROWN SILTY SAND (SM) medium dense, saturated, fine-grained sand		60

BRUNSING ASSOCIATES, INC.

Job No.: 780.012
Appr.:
Date: 10/24/05

LOG OF BORING H-19
BARLOW
200 Morris Street
Sebastopol, California

PLATE
A-1

ENVIRONMENTAL BORING LOG AND WELL COMPLETION 20050922_BARLOW.GPJ BACE.GDT 10/24/05

BRUNSING ASSOCIATES, INC.
P.O. BOX 588
Windsor, CA. 95492
Telephone: (707) 838-3027
Fax: (707) 838-4420

COORDINATES:
SURFACE ELEVATION: DATUM:

BORING NO.: **H-20** SHEET 1 OF 2
PROJECT: **BARLOW**
LOCATION: **Sebastopol, California**
PROJECT NO.: **780.012**
LOGGED BY: **DEC**

SAMPLE INFORMATION						DESCRIPTION	STRATA	WELL CONSTRUCTION DETAIL
DEPTH FEET	LAB SAMPLE	SAMPLE TYPE	BLOW COUNTS	Recovery (%)	PID (ppm)			
						Asphalt 3"		
						BROWN SILTY SAND (SM) loose, damp		
						BLACK CLAYEY SILTY SAND (SM) dense, damp, some roots		
5			5 7 9		0.0			5
10			7 10 15		0.0	GREENISH GRAY CLAYEY SAND (SM) dense, damp, medium to fine-grained sand		10
15			9 16 18		0.0	REDDISH BROWN SILTY SAND (SM) loose, damp, very coarse to coarse-grained sand, some gravel		15
20			18 27 33		0.0	LIGHT BROWN SILTY SANDY GRAVEL (GW) loose, damp, coarse to medium-grained sand, gravel to 1cm		20
25			13 16 27		0.0	LIGHT BROWN SILTY SAND (SM) dense, damp, medium to fine-grained sand		25
30			14 44 50		0.0	LIGHT BROWN SAND (SM) dense, damp, medium to fine-grained sand		30
35			15 32 45		0.0	BROWN SILTY SAND (SM) dense, saturated, medium to fine-grained		35

DRILLING CONTRACTOR: Clear Heart
DRILLING METHOD: 6-inch Hollow Stem Auger
DRILLING EQUIPMENT: CME
DRILLING STARTED: 8/9/05 ENDED: 8/9/05

REMARKS

See key sheet for symbols and abbreviations used above.

BRUNSING ASSOCIATES, INC.

Job No.: 780.012
Appr.:
Date: 10/24/05

LOG OF BORING H-20
BARLOW
200 Morris Street
Sebastopol, California

PLATE
A-2

ENVIRONMENTAL BORING LOG AND WELL COMPLETION 20050822_BARLOW.GPJ BACE.GDT 10/24/05

BRUNSING ASSOCIATES, INC.
P.O. BOX 588
Windsor, CA. 95492
Telephone: (707) 838-3027
Fax: (707) 838-4420

COORDINATES:
SURFACE ELEVATION: DATUM:

BORING NO.: **H-20** SHEET 2 OF 2
PROJECT: **BARLOW**
LOCATION: **Sebastopol, California**
PROJECT NO.: **780.012**
LOGGED BY: **DEC**

SAMPLE INFORMATION						DESCRIPTION	STRATA	WELL CONSTRUCTION DETAIL
DEPTH FEET	LAB SAMPLE	SAMPLE TYPE	BLOW COUNTS	Recovery (%)	PID (ppm)			
						sand BROWN SILTY SAND (SM) dense, saturated, medium to fine-grained sand		
40			15 28 37		0.0			40
45			27 35 50/5"		0.0			45
50			30 50		0.0	BROWN SILTY SAND (SM) loose, saturated, very coarse to medium-grained sand, some gravel		50
55			27 50		0.0	DARK GRAYISH BROWN SILTY SAND (SM) medium dense, saturated, medium to fine-grained sand		55
60			23 48 50/5"		0.0			60

BRUNSING ASSOCIATES, INC.

Job No.: 780.012
Appr.:
Date: 10/24/05

LOG OF BORING H-20
BARLOW
200 Morris Street
Sebastopol, California

PLATE
A-2

ENVIRONMENTAL BORING LOG AND WELL COMPLETION 20050822_BARLOW.GPJ BACE.GDT 10/24/05

BRUNSING ASSOCIATES, INC.
P.O. BOX 588
Windsor, CA. 95492
Telephone: (707) 838-3027
Fax: (707) 838-4420

COORDINATES:

CASING ELEVATION: 68.62 DATUM: ft. MSL

BORING NO.: **MW-21** SHEET 1 OF 2

PROJECT: **BARLOW**

LOCATION: **Sebastopol, California**

PROJECT NO.: **780.012**

LOGGED BY: **DEC**

SAMPLE INFORMATION						DESCRIPTION	STRATA	WELL CONSTRUCTION DETAIL
DEPTH FEET	LAB SAMPLE	SAMPLE TYPE	BLOW COUNTS	Recovery (%)	PID (ppm)			
						Concrete 4"		Traffic box with locking cap
						BROWN SILTY SAND (SM) loose, damp, coarse to medium-grained sand		
5			4 6 7		92	GRAY BROWN SILTY SAND (SM) loose, moist, medium-grained sand		5
10			10 10 15		121	LIGHT BROWN SILTY SAND (SM) medium dense, moist, medium to fine-grained sand		10
								Cement/Benonite Grout
15			18 23 22			BROWN GRAVELLY SAND (SW) very loose, moist, very coarse to coarse-grained sand, some silt, gravel up to 1cm		2-inch blank PVC casing 15
20			28 32 33		79	YELLOW BROWN SANDY GRAVEL (SW) very loose, moist, very coarse-grained sand, gravel up to 2cm		20
25			24 50		174	YELLOW BROWN SILTY SAND (SM) dense, damp, medium to fine-grained sand		25
								Bentonite seal

DRILLING CONTRACTOR: Clear Heart

DRILLING METHOD: 8-inch Hollow Stem Auger

DRILLING EQUIPMENT: Deeprock Dr10K

DRILLING STARTED: 7/12/05 ENDED: 7/12/05

REMARKS PID may have malfunctioned, sampler lost in boring. No soil samples below 30 feet

See key sheet for symbols and abbreviations used above.

BRUNSING ASSOCIATES, INC.

Job No.: 780.012
Appr.:
Date: 10/24/05

LOG OF BORING MW-21
BARLOW
200 Morris Street
Sebastopol, California

PLATE A-3

ENVIRONMENTAL BORING LOG AND WELL COMPLETION 20050822_BARLOW.GPJ BACE.GDT 10/24/05

BRUNSING ASSOCIATES, INC.
P.O. BOX 588
Windsor, CA. 95492
Telephone: (707) 838-3027
Fax: (707) 838-4420

COORDINATES:

CASING ELEVATION:68.62 DATUM: ft. MSL

BORING NO.: **MW-21** SHEET 2 OF 2

PROJECT: **BARLOW**

LOCATION: **Sebastopol, California**

PROJECT NO.: **780.012**

LOGGED BY: **DEC**

SAMPLE INFORMATION						DESCRIPTION	STRATA	WELL CONSTRUCTION DETAIL
DEPTH FEET	LAB SAMPLE	SAMPLE TYPE	BLOW COUNTS	Recovery (%)	PID (ppm)			
30			15 31 50		163	YELLOW BROWN SILTY SAND (SM) dense, damp, medium to fine-grained sand		30
35			16 30 36					35 #2/12 Lonestar sand
40								2-inch 0.010" slotted PVC casing 40
45								End cap 45

BRUNSING ASSOCIATES, INC.

Job No.: 780.012
Appr.:
Date: 10/24/05

LOG OF BORING MW-21
BARLOW
200 Morris Street
Sebastopol, California

PLATE
A-3

ENVIRONMENTAL BORING LOG AND WELL COMPLETION 20050822_BARLOW.GPJ BACE.GDT 10/24/05

BRUNSING ASSOCIATES, INC.
P.O. BOX 588
Windsor, CA. 95492
Telephone: (707) 838-3027
Fax: (707) 838-4420

COORDINATES:
SURFACE ELEVATION: DATUM:

BORING NO.: **MW-22** SHEET 1 OF 1
PROJECT: **BARLOW**
LOCATION: **Sebastopol, California**
PROJECT NO.: **780.012**
LOGGED BY: **DEC**

SAMPLE INFORMATION						DESCRIPTION	STRATA	WELL CONSTRUCTION DETAIL
DEPTH FEET	LAB SAMPLE	SAMPLE TYPE	BLOW COUNTS	Recovery (%)	PID (ppm)			
						Concrete 4"		Traffic box with locking cap
						GRAY SILTY SAND (SM) loose, damp, medium to fine-grained sand, strong petroleum odor		Grout; 2-inch blank PVC casing; Bentonite seal
5			4 4 4					5
						BLUE GREEN CLAYEY SILTY SAND (SM) medium dense, damp, medium-grained sand, petroleum odor		
10			5 6 8					10; #2/12 Lonestar sand
15			18 26 28			LIGHT BROWN SILTY SAND (SM) medium dense, damp, coarse to medium-grained sand, petroleum odor		2-inch 0.010" slotted PVC casing; 15
						BROWN SAND (SP) loose, damp, very coarse to coarse-grained sand, some gravel, petroleum odor		
						BROWN AND GRAY GRAVELLY SAND (SW) loose, damp, coarse to medium-grained sand, gravel up to 2cm, petroleum odor		
20			16 40 30					20
						LIGHT BROWN SILTY SAND (SM) dense, damp, medium to fine-grained sand, petroleum odor		
25			17 30 50					End cap; 25

DRILLING CONTRACTOR: Clear Heart
DRILLING METHOD: 8-inch Hollow Stem Auger
DRILLING EQUIPMENT: Deeprock Dr10K
DRILLING STARTED: 7/13/05 ENDED: 7/13/05

REMARKS

See key sheet for symbols and abbreviations used above.

BRUNSING ASSOCIATES, INC.

Job No.: 780.012
Appr.:
Date: 10/27/05

LOG OF BORING MW-22
BARLOW
200 Morris Street
Sebastopol, California

PLATE A-4

ENVIRONMENTAL BORING LOG AND WELL COMPLETION 20050822_BARLOW.GPJ BACE.GDT 10/27/05

BRUNSING ASSOCIATES, INC.
P.O. BOX 588
Windsor, CA. 95492
Telephone: (707) 838-3027
Fax: (707) 838-4420

COORDINATES:

CASING ELEVATION: 67.62 DATUM: ft. MSL

BORING NO.: **MW-23** SHEET 1 OF 2

PROJECT: **BARLOW**

LOCATION: **Sebastopol, California**

PROJECT NO.: **780.012**

LOGGED BY: **DEC**

SAMPLE INFORMATION						DESCRIPTION	STRATA	WELL CONSTRUCTION DETAIL
DEPTH FEET	LAB SAMPLE	SAMPLE TYPE	BLOW COUNTS	Recovery (%)	PID (ppm)			
						Gravel BROWN SILTY CLAY (CL) soft, damp		Traffic box with locking cap
5			3 6 7		0.0	BROWN CLAYEY SILTY SAND (SM) loose, damp, fine-grained sand		5
10			7 10 10		0.0	LIGHT GRENISH GRAY SILTY SAND (SM) loose, wet, medium to fine-grained sand		Grout 10
15			5 10 18		0.0	BROWN SILTY SAND (SM) medium dense, damp, medium to fine-grained sand		2-inch blank PVC casing 15
20			10 12 18		0.0	RUST BROWN SILTY SAND (SM) medium dense, damp, coarse to fine-grained sand		20
25			17 27 25		0.0			25 Bentonite seal

DRILLING CONTRACTOR: Clear Heart

DRILLING METHOD: 8-inch Hollow Stem Auger

DRILLING EQUIPMENT: CME

DRILLING STARTED: 8/10/05 ENDED: 8/10/05

REMARKS

See key sheet for symbols and abbreviations used above.

BRUNSING ASSOCIATES, INC.

Job No.: 780.012

Appr.:

Date: 10/24/05

LOG OF BORING MW-23
BARLOW
200 Morris Street
Sebastopol, California

PLATE A-5

ENVIRONMENTAL BORING LOG AND WELL COMPLETION 20050822_BARLOW.GPJ BACE.GDT 10/24/05

BRUNSING ASSOCIATES, INC.
P.O. BOX 588
Windsor, CA. 95492
Telephone: (707) 838-3027
Fax: (707) 838-4420

COORDINATES:

CASING ELEVATION: 67.62 DATUM: ft. MSL

BORING NO.: **MW-23** SHEET 2 OF 2

PROJECT: **BARLOW**

LOCATION: **Sebastopol, California**

PROJECT NO.: **780.012**

LOGGED BY: **DEC**

SAMPLE INFORMATION						DESCRIPTION	STRATA	WELL CONSTRUCTION DETAIL
DEPTH FEET	LAB SAMPLE	SAMPLE TYPE	BLOW COUNTS	Recovery (%)	PID (ppm)			
30			11 17 25		0.0	BROWN SILTY SAND (SM) dense, damp, medium to fine-grained sand		30
35			19 27 32		0.0	GRAY SILTY SAND (SM) dense, wet, coarse to medium-grained sand		35 #2/12 Lonestar sand
40			10 20 25		0.0	BROWN SILTY SAND (SM) medium dense, saturated, medium to fine-grained sand		40 2-inch 0.010" slotted PVC casing
45			10 15 50/5"		0.0			End cap 45

BRUNSING ASSOCIATES, INC.

Job No.: 780.012
Appr.:
Date: 10/24/05

LOG OF BORING MW-23
BARLOW
200 Morris Street
Sebastopol, California

PLATE
A-5

ENVIRONMENTAL BORING LOG AND WELL COMPLETION 20050822_BARLOW.GPJ BAGE.GDT 10/24/05

UNIFIED SOIL CLASSIFICATION SYSTEM

MAJOR DIVISIONS			SYMBOLS GRAPH	SYMBOLS LETTER	TYPICAL DESCRIPTIONS
COARSE GRAINED SOILS MORE THAN 50% OF MATERIAL IS LARGER THAN NO. 200 SIEVE SIZE	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	CLEAN GRAVELS		GW	WELL-GRADED GRAVELS, GRAVEL - SAND MIXTURES, LITTLE OR NO FINES
		(LITTLE OR NO FINES)		GP	POORLY-GRADED GRAVELS, GRAVEL - SAND MIXTURES, LITTLE OR NO FINES
		GRAVELS WITH FINES		GM	SILTY GRAVELS, GRAVEL - SAND - SILT MIXTURES
		(APPRECIABLE AMOUNT OF FINES)		GC	CLAYEY GRAVELS, GRAVEL - SAND - CLAY MIXTURES
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	CLEAN SANDS		SW	WELL-GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES
		(LITTLE OR NO FINES)		SP	POORLY-GRADED SANDS, GRAVELLY SAND, LITTLE OR NO FINES
		SANDS WITH FINES		SM	SILTY SANDS, SAND - SILT MIXTURES
		(APPRECIABLE AMOUNT OF FINES)		SC	CLAYEY SANDS, SAND - CLAY MIXTURES
FINE GRAINED SOILS MORE THAN 50% OF MATERIAL IS SMALLER THAN NO. 200 SIEVE SIZE	SILTS AND CLAYS	LIQUID LIMIT LESS THAN 50		ML	INORGANIC SILTS AND VERY FINE SANDS, ROCK FLOUR, SILTY OR CLAYEY FINE SANDS OR CLAYEY SILTS WITH SLIGHT PLASTICITY
				CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS
				OL	ORGANIC SILTS AND ORGANIC SILTY CLAYS OF LOW PLASTICITY
	SILTS AND CLAYS	LIQUID LIMIT GREATER THAN 50		MH	INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS FINE SAND OR SILTY SOILS
				CH	INORGANIC CLAYS OF HIGH PLASTICITY
				OH	ORGANIC CLAYS OF MEDIUM TO HIGH PLASTICITY, ORGANIC SILTS
HIGHLY ORGANIC SOILS				PT	PEAT, HUMUS, SWAMP SOILS WITH HIGH ORGANIC CONTENTS

NOTE: DUAL SYMBOLS ARE USED TO INDICATE BORDERLINE SOIL CLASSIFICATIONS

RELATIVE CONSISTENCY CLASSIFICATION

GRANULAR	COHESIVE
Silts, Sands, and Gravels	Clays and Clayey Silts
VERY LOOSE	SOFT
LOOSE	MEDIUM STIFF
MEDIUM DENSE	STIFF
DENSE	VERY STIFF
VERY DENSE	HARD

Relative Moisture Contents
DRY
DAMP
MOIST
WET
SATURATED

■ - Undisturbed sample retained ▨ - Recovered, not retained ☒ - Bulk Sample ▽ - Depth to water

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

Job No.: 712.012
Appr.:
Date: 2/12/04

UNIFIED SOIL CLASSIFICATION CHART
BARLOW
200 Morris Street
Sebastopol, California

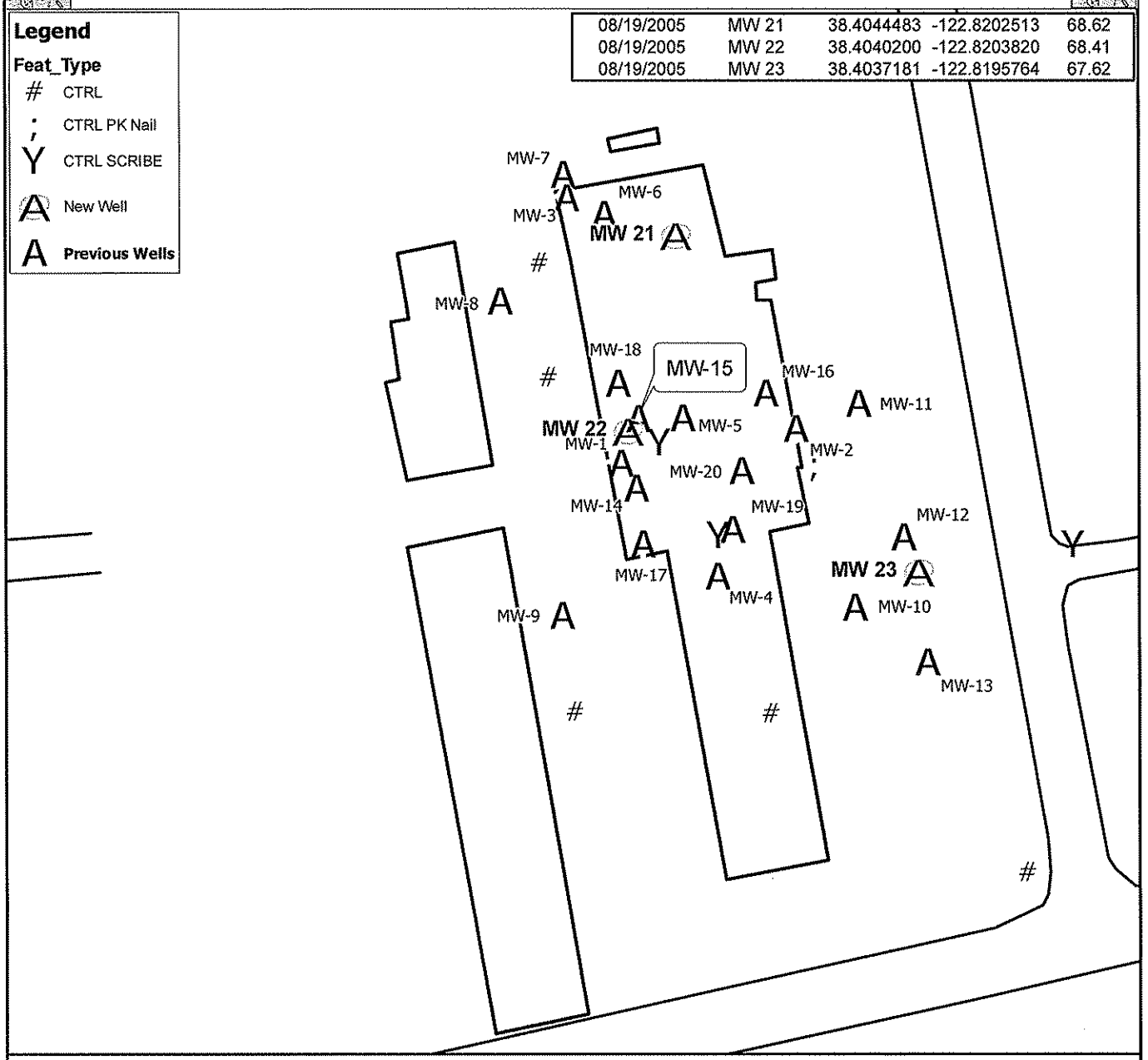
PLATE
A-6

APPENDIX B

Ray Carlson & Associates, Inc. Survey Data

Reference Map
The Barlow Company
200 Morris Street - Sebastopol, CA

08/19/2005	MW 21	38.4044483	-122.8202513	68.62
08/19/2005	MW 22	38.4040200	-122.8203820	68.41
08/19/2005	MW 23	38.4037181	-122.8195764	67.62



Note: Location of wells determined using terrestrial ties to control & wells previously set by Ray Carlson & Assoc (RCA). (2004\2005) using a Trimble 4700\5800 survey grade GPSunit. Elevation based on level loop ties to previous RCA control (Basis unknown, but assumed to be NGVD29). The location of the wells performed in compliance with AB2886 under LS#3890. Other features shown were derived from Sonoma County Orthophptography (Spring 2000).

Questions as to orthophotography accuracy, appropriate use, or availability should be directed to the Sonoma County GIS Request line at (707) 565-3891 or via e-mail at gis@sonoma-county.org

1 inch equals 120 feet

0 30 60 120 180 240 300 Feet

Ray Carlson & Associates, Inc.
LAND SURVEYING

Map Document: (O:\2001\01-095 Brunsing\Barlow Co\GIS\3NewWells0805\Barlow(4)Sch3New0805wm.mxd) 10/03/2005

Aerial Reference Map
The Barlow Company
200 Morris Street - Sebastopol, CA

08/19/2005	MW 21	38.4044483	-122.8202513	68.62
08/19/2005	MW 22	38.4040200	-122.8203820	68.41
08/19/2005	MW 23	38.4037181	-122.8195764	67.62

Note: Location of wells determined using terrestrial ties to control & wells previously set by Ray Carlson & Assoc (RCA). (2004\2005) using a Trimble 4700\5800 survey grade GPSunit. Elevation based on level loop ties to previous RCA control (Basis unknown, but assumed to be NGVD29). The location of the wells performed in compliance with AB2886 under LS#3890. Other features shown were derived from Sonoma County Orthophptography (Spring 2000).

Questions as to orthophotography accuracy, appropriate use, or availability should be directed to the Sonoma County GIS Request line at (707) 565-3891 or via e-mail at gis@sonoma-county.org

1 inch equals 120 feet

0 30 60 120 180 240 300 Feet

Ray Carlson & Associates, Inc.
LAND SURVEYING

Map Document: (O:\2001\01-095 Brunsing\Barlow Co\GIS\3NewWells0805\Barlow(4)Aerial3New0805wm.mxd) 10/03/2005

APPENDIX C

Monitoring Well Development and Groundwater Sampling Field Forms and Logs

Brunsing Associates, Inc

UST Fund Site: X Yes ___ No

FIELD REPORT

FILE COPY

JOB NO: 780
INITIAL: CDS
DATE: 7-18-05

PROJECT: 200 Morris Street (Barlow)
SUBJECT: WELL DEVELOPMENT
PROJECT PHASE NUMBER: 04
VEHICLE USED: FORD F-150

Total Time: 6.50
End. Mileage: 994
Beg. Mileage: 172942
TOTAL MILEAGE: 32

TIME	DESCRIPTION OF WORK AND CONVERSATION RECORD:
0859	LOAD EQUIPMENT AND SUPPLIES.
0946	TO SITE
1017	ARRIVE AT SITE. SET-UP FOR WELL DEVELOPMENT.
	MEASURED DISTANCE TO WATER AND TOTAL DEPTH AT
	WELL MW-21. DTW = 37.02', TOTAL DEPTH = 43.84'
	WELL MW-22 MEASURED DRY. TOTAL DEPTH = 25.08'
	PERFORMED WELL DEVELOPMENT AT WELL MW-21
	STORED PURGEWATER IN DRUM LOCATED JUST NORTHWEST
	OF THE REMEDIATION SYSTEM ENCLOSURE.
	DECON DEVELOPMENT EQUIPMENT.
	LOAD EQUIPMENT AND SUPPLIES.
	COMPLETED FIELD NOTES.
1302	LEAVE SITE.
1332	ARRIVE AT OFFICE.
	UNLOAD EQUIPMENT AND SUPPLIES.
1428	FINISHED WITH WORK

DRUM COUNT:

Water = 8
Soil = 34
Devlpmt Water =
Decon Water =

Brunsing Associates, Inc.

WELL DEVELOPMENT

PROJECT: 200 Morris St., Sebastopol, CA PROJECT NUMBER:

WELL #: MW-21 PRECIP. IN LAST 5 DAYS: — WIND: — DATE: 7-18-05

STARTING TIME: 1018 FINISHING TIME: 1211 INITIALS: CPS

CALCULATION OF PURGE VOLUME

2" WELL DEPTH: (43.77) 44.00 - D.T.W. 37.02 equals water column: 6.98 x 0.84 = 5.86

4" WELL DEPTH: - D.T.W. equals water column: x 3.34 =

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

GALLONS

FIELD MEASUREMENTS

TIME	GALLONS REMOVED	pH	CONDUCTIVITY	TEMP.	OBSERVATIONS	DEPTH TO BOTTOM
1054/1101	SURGE					
1106	1	7.07	1127	18.7	TURBID BROWN, NO ODOR, SANDY	43.82
1108/1114	SURGE					
1119	3	7.51	910	17.8	TURBID LIGHT BROWN, NO ODOR, SANDY	43.84
1122/1129	SURGE					
1134	6	7.48	853	17.9	TURBID LIGHT BROWN, NO ODOR, SANDY	43.84
	SURGE					

PURGE METHOD: BAILER: ✓ PUMP: _____

RECOVERY WATER LEVELS:		NOTES:
TIME	D.T.W.	
1148	37.33	
		MW-22 MEASURED DRY. TOTAL DEPTH = 25.08'

Brunsing Associates, Inc

FILE COPY

UST Fund Site: ___X__Yes _____No

FIELD REPORT

PAGE 1 OF 2

JOB NO: 780 PROJECT: 200 Morris Street (Barlow)

INITIAL: CPS SUBJECT: WELL DEVELOPMENT

DATE: 8-17-05 PROJECT PHASE NUMBER: 04

VEHICLE USED: FORD F-150

Total Time: 5.50

End. Mileage: 853

Beg. Mileage: 173823

TOTAL MILEAGE: 30

TIME	DESCRIPTION OF WORK AND CONVERSATION RECORD
0943	LOAD EQUIPMENT AND SUPPLIES
1037	TO SITE.
1107	ARRIVE AT SITE. SET-UP FOR WELL DEVELOPMENT.
	MEASURED DISTANCE TO WATER AND TOTAL DEPTH AT WELL MW-23.
	PERFORMED WELL DEVELOPMENT AT WELL MW-23.
	STORED PURGEWATER IN DRUM JUST NORTHWEST OF THE REMEDIATION SYSTEM.
	CLOSED WELLAND MONUMENT.
	DECON DEVELOPMENT EQUIPMENT.
	LOAD EQUIPMENT AND SUPPLIES.
	COMPLETED FIELD NOTES.
1404	LEAVE SITE.
1434	ARRIVE AT OFFICE.
	UNLOAD EQUIPMENT AND SUPPLIES.
1516	FINISHED WITH WORK.

DRUM COUNT:

Water = Devlpmt Water =

Soil = Decon Water =

Brunsing Associates, Inc.

WELL DEVELOPMENT

PROJECT: 200 MORRIS ST. (BARLOW) PROJECT NUMBER: 780

WELL #: MW-23 PRECIP. IN LAST 5 DAYS: — WIND: - DATE: 8-17-05

STARTING TIME: 1108 FINISHING TIME: 1241 INITIALS: CDS

CALCULATION OF PURGE VOLUME

2" WELL DEPTH: 45.00 (44.33) - D.T.W. 35.61 equals water column: 9.39 x 0.84 = 7.89

4" WELL DEPTH: ____ - D.T.W. ____ equals water column: ____ x 3.34 = ____

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

GALLONS

FIELD MEASUREMENTS

TIME	GALLONS REMOVED	p H	CONDUCTIVITY	TEMP.	OBSERVATIONS	DEPTH TO BOTTOM
1122/1135	SURGE					
1138	1	7.05	535	22.0	TURBID BROWN, NO ODOR, SANDY	44.10
1141/1145	SURGE					
1152	2	7.41	524	20.0	TURBID BROWN, NO ODOR, SANDY	44.11
1154/1159	SURGE					
1205	4	7.48	463	20.4	TURBID BROWN, NO ODOR, SANDY	44.11
1206/1210	SURGE					
1214	8	7.55	450	20.6	TURBID BROWN, NO ODOR, SANDY	44.11

PURGE METHOD: BAILER: X PUMP: ____

RECOVERY WATER LEVELS:	
TIME	D.T.W.
1219	38.98

NOTES:

TOTAL DEPTH = 44.00'

NO CLEARING

BRUNSING ASSOCIATES, INC.
ENVIRONMENTAL DIVISION

Brunsing Associates, Inc

FILE COPY

UST Fund Site: X Yes ___ No

FIELD REPORT

JOB NO: 780
INITIAL: CDS
DATE: 8-18-05

PROJECT: 200 Morris Street (Barlow)
SUBJECT: GROUNDWATER SAMPLING
PROJECT PHASE NUMBER: 04
VEHICLE USED: FORD F-150

Total Time: 9.00
End. Mileage: 877
Beg. Mileage: 173853
TOTAL MILEAGE: 24

TIME	DESCRIPTION OF WORK AND CONVERSATION RECORD
0650	LOAD EQUIPMENT AND SUPPLIES.
0736	TO SITE
0808	ARRIVE AT SITE. SET-UP FOR GROUNDWATER SAMPLING
	MEASURED TWO ROUNDS OF DISTANCE TO WATER AT WELLS MW-8,
	MW-9, MW-10, MW-11, MW-15, MW-16, MW-17, MW-18, MW-19,
	MW-20, MW-21 AND MW-23.
	MW-22 WAS DRY.
1027	ERIC SCOTT (CITY OF SEBASTOPOL) ARRIVED ON SITE FOR CHLORINE SAMPLE ANALYSIS.
1206	SAMPLING AND TESTING FOR ALL PRODUCING WELLS (ABOVE) FOR CHLORINE
	ANALYSIS WAS COMPLETED.
	PERFORMED GROUNDWATER SAMPLING AT WELLS MW-17, MW-18,
	MW-20 AND MW-21.
	CLOSE WELLS AND MONUMENTS.
	DECON SAMPLING EQUIPMENT.
	LOAD EQUIPMENT AND SUPPLIES.
	STORED PURGEWATER IN DRUMS JUST NORTHWEST OF THE REMEDIATION SYSTEM.
	COMPLETED FIELD NOTES AND LOGGED SAMPLES ON C-O-C.
1552	LEAVE SITE
1617	ARRIVE AT OFFICE, SUBMIT SAMPLES, UNLOAD EQUIPMENT.
1702	FINISHED WITH WORK.

DRUM COUNT:

Water = Devlpmt Water =
Soil = Decon Water =

Brunsing Associates, Inc.

WATER LEVELS

PROJECT: 200 Morris Street (Barlow) PROJECT NUMBER: 780

INSTRUMENT TYPE: Interface Probe INITIALS: CDS/GC DATE: 8-18-05

WELL NUMBER	DEPTH TO PRODUCT	DISTANCE TO WATER	TIME (24 HOUR)	EQUILIBRATED (CHECK FOR YES)	NOTES
MW-2	—	—	—	—	ABANDONED
MW-8	Ø	36.88	0932		
MW-9	Ø	37.39	0936		
MW-10	Ø	32.90	0829		
MW-11	Ø	34.94	0834		
MW-15	36.11	39.48	0921		3.37' FREE PRODUCT
MW-16	Ø	38.16	0923		
MW-17	Ø	38.34	0939		
MW-18	Ø	37.66	0951		
MW-19	Ø	37.95	0942		
MW-20	Ø	37.33	0944		
MW-21	Ø	37.77	0947		
MW-22	Ø	Ø	0954		WELL DRY, TOTAL DEPTH = 24.84'
MW-23	Ø	34.77	0831		
MW-2	—	—	—	—	ABANDONED
MW-8	Ø	36.87	0956	✓	
MW-9	Ø	37.38	0959	✓	
MW-10	Ø	32.90	0836	✓	
MW-11	Ø	34.95	0840	✓	
MW-15	—	—	—	—	FREE PRODUCT
MW-16	Ø	38.17	1014	✓	
MW-17	Ø	38.34	1002	✓	
MW-18	Ø	37.67	1027	✓	
MW-19	Ø	37.96	1005	✓	
MW-20	Ø	37.32	1007	✓	
MW-21	Ø	37.77	1012	✓	
MW-22	—	—	—	—	WELL DRY
MW-23	Ø	34.78	0838	✓	

Brunsing Associates, Inc

UST Fund Site: _____Yes _____No

FIELD REPORT

JOB NO: 780
INITIAL: CDS
DATE: 8-18-05

PROJECT: BARLOW 400 MORRIS ST., SEBASTOPOL, CA
SUBJECT: CHLORINE ANALYSIS
PROJECT PHASE NUMBER: 04
VEHICLE USED:

Total Time: _____
End. Mileage: _____
Beg. Mileage: _____
TOTAL MILEAGE:

TIME	DESCRIPTION OF WORK AND CONVERSATION RECORD		
WELL	CHLORINE	SAMPLED	DEPTH
MW-8		1147	40'
Cl2=.01			
11:54Am (CS)			
MW-9		1145	40'
Cl2=.01			
11:58Am (CS)			
MW-10		1102	40'
Cl2=.07			
11:19Am (CS)			
MW-11		1109	40'
Cl2=.11			
11:25Am (CS)			
MW-16		1118	45'
Cl2=.05			
11:29Am (CS)			
MW-17		1138	44'
Cl2=.01			
11:50Am (CS)			
MW-18		1139	44'
Cl2=.01			
11:42Am (CS)			
MW-19		1131	45'
Cl2=.01			
11:46Am (CS)			
MW-20		1122	45'
Cl2=.02			
11:33Am (CS)			
MW-21		1144	44'
Cl2=.27	water very dirty		
12:02Pm (CS)			
MW-23		1106	44'
Cl2=.07			
11:37Am (CS)			

DRUM COUNT:

Water = Devlpmt Water =
Soil = Decon Water =

Brunsing Associates, Inc.

WELL SAMPLING

PROJECT: 200 Morris Street (Barlow) PROJECT NUMBER: 780

WELL # MW-17 PRECIP. IN LAST 5 DAYS: — WIND ✓ DATE: 8-18-05

STARTING TIME: 1206 FINISHING TIME: 1252 INITIALS: CDS/EC

CALCULATION OF PURGE VOLUME

2" WELL DEPTH: 44.00 - D.T.W. 38.34 = H20 COLUMN: 5.66 X 0.5 = 2.83

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
1223	1	6.40	637	19.4	No odor
1226	2	6.69	606	18.6	No odor
1229	3	6.80	600	18.2	ON odor

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

SAMPLE TIME: 1236 DID WELL GO DRY? NO

WATER LEVELS:	
TIME	D.T.W.
1230	38.95

NOTES:

WELL SAMPLING

PROJECT: 200 Morris Street (Barlow) PROJECT NUMBER: 780

WELL # MW-18 PRECIP. IN LAST 5 DAYS: — WIND ✓ DATE: 8.18.05

STARTING TIME: 1349 FINISHING TIME: 1421 INITIALS: EDS

CALCULATION OF PURGE VOLUME

2" WELL DEPTH: 44.00 - D.T.W. 37.67 = H20 COLUMN: 6.33 X 0.5 = 3.17

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

THEREFORE TOTAL PURGE GALLONS EQUALS 3 GALLONS

FIELD MEASUREMENTS

TIME	GALLONS REMOVED	pH	CONDUCTIVITY	TEMP.	OBSERVATIONS
1352	1	6.74	526	17.3	TURBID GREEN-BROWN ORGANIC ODOR,
					SANDY
1355	2	6.60	531	17.2	TURBID GREEN-BROWN, ORGANIC ODOR,
					SANDY
1402	3	6.61	517	17.2	TURBID GREEN-BROWN, ORGANIC ODOR,
					SANDY

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

SAMPLE TIME: 1413 DID WELL GO DRY? No

WATER LEVELS:	
TIME	D.T.W.
14.~~09~~ 16	37.78

NOTES:

WELL SAMPLING

PROJECT: 200 Morris Street (Barlow) PROJECT NUMBER: 780

WELL # MW-20 PRECIP. IN LAST 5 DAYS: — WIND ✓ DATE: 8-18-05

STARTING TIME: 1153 FINISHING TIME: 1348 INITIALS: CDS

CALCULATION OF PURGE VOLUME

2" WELL DEPTH: 45.00 - D.T.W. 37.32 = H20 COLUMN: 7.68 X 0.5 = 3.84 GALLONS

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

THEREFORE TOTAL PURGE GALLONS EQUALS 4

FIELD MEASUREMENTS

TIME	GALLONS REMOVED	p H	CONDUCTIVITY	TEMP.	OBSERVATIONS
					~~PHC odor~~
1324	1	7.27	360	16.7	PHC odor, cloudy gray
1327	2.5	7.09	365	16.5	" "
1330	4	6.94	368	16.4	" "

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

SAMPLE TIME: 1341 DID WELL GO DRY? NO

WATER LEVELS:	
TIME	D.T.W.
1347	39.39

NOTES:

BRUNSING ASSOCIATES, INC.
ENVIRONMENTAL DIVISION
WELL SAMPLING

PROJECT: 200 MORRIS ST. (BARLOW) PROJECT NUMBER: 790

WELL # MW-2i PRECIP. IN LAST 5 DAYS: —— WIND ✓ DATE: 8-18-05

STARTING TIME: 1422 FINISHING TIME: 1525 INITIALS: LDS

CALCULATION OF PURGE VOLUME

2" WELL DEPTH: 44.00 - D.T.W. 37.77 = H20 COLUMN: 6.23 X 0.5 = 3.12

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
1436	1	7.19	656	17.6	TURBID BROWN, NO ODOR, SANDY
1441	2	7.19	647	17.2	TURBID BROWN, NO ODOR, SANDY
1444	3	7.13	648	17.0	TURBID BROWN, NO ODOR, SANDY

SAMPLING: SAMPLE ANALYSIS: TPH. GAS | | EPA 8260B | | |

SAMPLE TIME: ~~1507~~ 1510 DID WELL GO DRY? NO

WATER LEVELS:	
TIME	D.T.W.
1516	37.95

NOTES:

Brunsing Associates, Inc

FILE COPY

UST Fund Site: X Yes ___ No

FIELD REPORT

PAGE 1 OF 8

JOB NO: 780
INITIAL: GDS
DATE: 8-19-05

PROJECT: 200 Morris Street (Barlow)
SUBJECT: Groundwater Sampling
PROJECT PHASE NUMBER: 04
VEHICLE USED: Ford F-150

Total Time: 8.00
End. Mileage: 907
Beg. Mileage: 173877
TOTAL MILEAGE: 30

TIME	DESCRIPTION OF WORK AND CONVERSATION RECORD
0643	Load equipment and supplies.
0720	To site.
0749	Arrive at site. Set-up for groundwater sampling.
	Performed sampling at wells MW-8, MW-9, MW-10, MW-11,
	MW-16, MW-19 and MW-23.
	Stored purgewater in drums located just northwest of the remediation system.
	Closed wells and monuments.
	Decon sampling equipment.
	Load equipment and supplies.
	Completed field notes and logged samples on chain of custody.
1414	Leave site.
1442	Arrive at office. Submitted samples for analysis.
	Unload equipment and supplies
1523	Finished with work.

DRUM COUNT:

Water = Devlpmt Water =
Soil = Decon Water =

Brunsing Associates, Inc.

WELL SAMPLING

PROJECT: 200 Morris Street (Barlow) PROJECT NUMBER: 780

WELL # MW-8 PRECIP. IN LAST 5 DAYS: — WIND ✓ DATE: 8-19-05

STARTING TIME: 1046 FINISHING TIME: 1139 INITIALS: CDS

CALCULATION OF PURGE VOLUME

2" WELL DEPTH: 40.00 - D.T.W. 36.87 = H20 COLUMN: 3.13 X 0.5 = 1.57

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

THEREFORE TOTAL PURGE GALLONS EQUALS 2 GALLONS

FIELD MEASUREMENTS

TIME	GALLONS REMOVED	pH	CONDUCTIVITY	TEMP.	OBSERVATIONS
1120	0.50	7.44	482	17.8	CLEAR, NO ODOR
1124	1	7.17	480	17.7	CLEAR, NO ODOR
1127	2	7.06	490	17.6	CLEAR, NO ODOR

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

SAMPLE TIME: 1130 DID WELL GO DRY? NO

WATER LEVELS:	
TIME	D.T.W.
1134	37.23

NOTES:

WELL SAMPLING

PROJECT: 200 Morris Street (Barlow) PROJECT NUMBER: 780

WELL # MW-9 PRECIP. IN LAST 5 DAYS: — WIND ✓ DATE: 8-19-05

STARTING TIME: 1140 FINISHING TIME: 1222 INITIALS: CDS

CALCULATION OF PURGE VOLUME

2" WELL DEPTH: 40.00 - D.T.W. 37.38 = H20 COLUMN: 2.62 X 0.5 = 1.31 GALLONS

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

THEREFORE TOTAL PURGE GALLONS EQUALS 1

FIELD MEASUREMENTS

TIME	GALLONS REMOVED	p H	CONDUCTIVITY	TEMP.	OBSERVATIONS
1159	0.25	7.24	503	18.0	CLEAR, NO ODOR
1205	0.50	7.11	510	18.2	CLOUDY GREY-BROWN, NO ODOR
1204	1	7.04	515	18.4	CLEAR, NO ODOR

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

SAMPLE TIME: 1207 DID WELL GO DRY? NO

WATER LEVELS:	
TIME	D.T.W.
1211	37.72

NOTES:

WELL SAMPLING

PROJECT: 200 Morris Street (Barlow) PROJECT NUMBER: 780

WELL # MW-10 PRECIP. IN LAST 5 DAYS: — WIND ✓ DATE: 8-19-05

STARTING TIME: 0923 FINISHING TIME: 1008 INITIALS: CDS

CALCULATION OF PURGE VOLUME

2" WELL DEPTH: 40.00 - D.T.W. 32.90 = H20 COLUMN: 7.10 X 0.5 = 3.55

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

THEREFORE TOTAL PURGE GALLONS EQUALS 4 GALLONS

FIELD MEASUREMENTS

TIME	GALLONS REMOVED	pH	CONDUCTIVITY	TEMP.	OBSERVATIONS
0935	1	7.56	525	17.3	CLOUDY GREEN-BROWN, NO ODOR, SANDY
0939	2.5	7.58	530	17.5	CLOUDY BROWN, NO ODOR, SANDY
0944	4	7.63	525	17.7	CLOUDY BROWN, NO ODOR, SANDY

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

SAMPLE TIME: 0949 DID WELL GO DRY? NO

WATER LEVELS: TIME	D.T.W.
0954	34.06

NOTES: SLOW RECOVERY

WELL SAMPLING

PROJECT: 200 Morris Street (Barlow) PROJECT NUMBER: 780

WELL # MW-11 PRECIP. IN LAST 5 DAYS: — WIND ✓ DATE: 8-19-05

STARTING TIME: 0849 FINISHING TIME: 0922 INITIALS: CDS

CALCULATION OF PURGE VOLUME

2" WELL DEPTH: 40.00 - D.T.W. 34.95 = H20 COLUMN: 5.05 X 0.5 = 2.53 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
0857	1	7.85	314	16.8	TURBID GREEN - BROWN, NO ODOR, SANDY
0900	2	7.77	307	16.8	TURBID BROWN, NO ODOR, SANDY
0904	3	7.60	306	16.9	TURBID BROWN, NO ODOR, SANDY

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

SAMPLE TIME: 0911 DID WELL GO DRY? NO

WATER LEVELS: TIME	D.T.W.	NOTES:
0914	37.11	SLOW RECOVERY

WELL SAMPLING

PROJECT: 200 Morris Street (Barlow) PROJECT NUMBER: 780

WELL # MW-16 PRECIP. IN LAST 5 DAYS: — WIND / DATE: 8-19-05

STARTING TIME: 1223 FINISHING TIME: 1314 INITIALS: CDS

CALCULATION OF PURGE VOLUME

2" WELL DEPTH: 45.00 - D.T.W. 38.11 = H20 COLUMN: 6.83 X 0.5 = 3.42

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
1237	1	7.64	502	17.1	TURBID GREEN - BROWN, NO ODOR, SANDY
1240	2	7.45	507	16.7	TURBID LIGHT BROWN, NO ODOR, SANDY
1243	3	7.38	510	16.6	TURBID LIGHT BROWN, NO ODOR, SANDY

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

SAMPLE TIME: 1248 DID WELL GO DRY? NO

WATER LEVELS:	
TIME	D.T.W.
1248	39.62

NOTES:

WELL SAMPLING

PROJECT: 200 Morris Street (Barlow) PROJECT NUMBER: 780

WELL # MW-19 PRECIP. IN LAST 5 DAYS: — WIND ✓ DATE: 8-19-05

STARTING TIME: 0756 FINISHING TIME: 0848 INITIALS: CDS

CALCULATION OF PURGE VOLUME

2" WELL DEPTH: 45.00 - D.T.W. 37.96 = H20 COLUMN: 7.04 X 0.5 = 3.52

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

THEREFORE TOTAL PURGE GALLONS EQUALS 4 GALLONS

FIELD MEASUREMENTS

TIME	GALLONS REMOVED	p H	CONDUCTIVITY	TEMP.	OBSERVATIONS
0809	1	6.96	812	16.9	TURBID GREY BROWN, PHC ODOR, SANDY
0818	2.5	7.02	843	17.1	TURBID GREY-BROWN, PHC ODOR, SANDY
0823	4	7.18	854	17.1	TURBID GREY-BROWN, PHC ODOR, SANDY

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

SAMPLE TIME: 0827 DID WELL GO DRY? No

WATER LEVELS:	
TIME	D.T.W.
0833	38.36

NOTES:

BRUNSING ASSOCIATES, INC.
ENVIRONMENTAL DIVISION
WELL SAMPLING

PROJECT: 200 MORRIS ST. (BARLOW) PROJECT NUMBER: 780

WELL # MW-23 PRECIP. IN LAST 5 DAYS: — WIND ✓ DATE: 8-19-05

STARTING TIME: 1009 FINISHING TIME: ~~1007~~ 1045 INITIALS: CDS

CALCULATION OF PURGE VOLUME

2" WELL DEPTH: 44.00 - D.T.W. 34.78 = H20 COLUMN: 9.22 X 0.5 = 4.61 GALLONS

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

THEREFORE TOTAL PURGE GALLONS EQUALS 5

FIELD MEASUREMENTS

TIME	GALLONS REMOVED	pH	CONDUCTIVITY	TEMP.	OBSERVATIONS
1022	1	7.84	368	17.9	TURBID LIGHT BROWN, NO ODOR, SANDY
1028	3	7.70	344	18.0	TURBID LIGHT BROWN, NO ODOR, SANDY
1032	5	7.66	341	18.0	TURBID LIGHT BROWN, NO ODOR, SANDY

SAMPLING: SAMPLE ANALYSIS: TPH-GAS | EPA 8260B | | | |

SAMPLE TIME: 1033 DID WELL GO DRY? NO

WATER LEVELS: TIME	D.T.W.
1035	38.85

NOTES:

APPENDIX D

Groundwater Sampling Protocol

Groundwater Sampling Protocol

Monitoring Wells

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

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

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

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

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

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

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

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

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

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

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

- 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 E

Analytical Laboratory Report for Soil Samples

Laboratory Report Project Overview

EDF 1.2a

Laboratory:	Bace Analytical, Windsor, CA
Lab Report Number:	4600
Project Name:	200 MORRIS STREET
Work Order Number:	780
Control Sheet Number:	NA

Report Summary

Labreport	Sampid	Labsampid	Mtrx	QC	Anmcode	Exmcode	Logdate	Extdate	Anadate	Lablotctl	Run Sub
4600	MW-21-25	4600-1	SO	CS	8260TPH	SW5035	07/12/2005	07/15/2005	07/20/2005	20050720	27
4600	MW-21-25	4600-1	SO	CS	SW8260B	SW5035	07/12/2005	07/15/2005	07/20/2005	20050720	27
4600	MW-21-30	4600-2	SO	CS	8260TPH	SW5035	07/12/2005	07/15/2005	07/20/2005	20050720	21
4600	MW-21-30	4600-2	SO	CS	SW8260B	SW5035	07/12/2005	07/15/2005	07/20/2005	20050720	21
4600	MW-22-10	4600-4	SO	CS	8260TPH	SW5035	07/13/2005	07/20/2005	07/20/2005	20050720	23
4600	MW-22-10	4600-4	SO	CS	SW8260B	SW5035	07/13/2005	07/20/2005	07/20/2005	20050720	23
4600	MW-22-15	4600-5	SO	CS	8260TPH	SW5035	07/13/2005	07/20/2005	07/20/2005	20050720	24
4600	MW-22-15	4600-5	SO	CS	SW8260B	SW5035	07/13/2005	07/20/2005	07/20/2005	20050720	24
4600	MW-22-20	4600-6	SO	CS	8260TPH	SW5035	07/13/2005	07/15/2005	07/20/2005	20050720	25
4600	MW-22-20	4600-6	SO	CS	SW8260B	SW5035	07/13/2005	07/15/2005	07/20/2005	20050720	25
4600	MW-22-25	4600-7	SO	CS	8260TPH	SW5035	07/13/2005	07/20/2005	07/20/2005	20050720	26
4600	MW-22-25	4600-7	SO	CS	SW8260B	SW5035	07/13/2005	07/20/2005	07/20/2005	20050720	26
4600	MW-22-5	4600-3	SO	CS	8260TPH	SW5035	07/13/2005	07/20/2005	07/20/2005	20050720	22
4600	MW-22-5	4600-3	SO	CS	SW8260B	SW5035	07/13/2005	07/20/2005	07/20/2005	20050720	22
		4598-1	SO	NC	8260TPH	SW5035	/ /	07/12/2005	07/20/2005	20050720	14
		4598-1	SO	NC	SW8260B	SW5035	/ /	07/12/2005	07/20/2005	20050720	14
		4600MB	SO	LB1	8260TPH	SW5035	/ /	07/20/2005	07/20/2005	20050720	1
		4600MB	SO	LB1	SW8260B	SW5035	/ /	07/20/2005	07/20/2005	20050720	1
		4600MS	SO	MS1	8260TPH	SW5035	/ /	07/20/2005	07/20/2005	20050720	17
		4600MS	SO	MS1	SW8260B	SW5035	/ /	07/20/200	07/20/200	20050720	19

Report Summary

Labreport	Sampid	Labsampid	Mtrx	QC	Anmcode	Exmcode	Logdate	Extdate	Anadate	Lablotctl	Run Sub
								5	5		
		4600SD	SO	SD1	8260TPH	SW5035	/ /	07/20/200	07/20/200	20050720	18
								5	5		
		4600SD	SO	SD1	SW8260B	SW5035	/ /	07/20/200	07/20/200	20050720	20
								5	5		

Bace Analytical, Windsor, CA

Lab Report No.: 4600 Date: 08/17/2005

Project Name:	200 MORRIS STREET	Analysis:	Total Petroleum Hydrocarbons (TPH) by GC/MS
Project No:	780	Method:	8260TPH
		Prep Meth:	SW5035

Field ID:	MW-21-25	Lab Samp ID:	4600-1
Descr/Location:	MW-21-25	Rec'd Date:	07/14/2005
Sample Date:	07/12/2005	Prep Date:	07/15/2005
Sample Time:	1150	Analysis Date:	07/20/2005
Matrix:	Soil	QC Batch:	20050720
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	0.5	1.0	PQL		ND	MG/KG	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		74-121	SLSA		106%		1

Approved by: William H Potts Date: 8/17/05

Lab Report No.: 4600 Date: 08/17/2005

Project Name:	200 MORRIS STREET	Analysis:	Total Petroleum Hydrocarbons (TPH) by GC/MS
Project No:	780	Method:	8260TPH
		Prep Meth:	SW5035

Field ID:	MW-21-30	Lab Samp ID:	4600-2
Descr/Location:	MW-21-30	Rec'd Date:	07/14/2005
Sample Date:	07/12/2005	Prep Date:	07/15/2005
Sample Time:	1200	Analysis Date:	07/20/2005
Matrix:	Soil	QC Batch:	20050720
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	0.5	1.0	PQL		ND	MG/KG	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		74-121	SLSA		104%		1

Approved by: William H Potts Date: 8/17/05

Lab Report No.: 4600 Date: 08/17/2005

Project Name:	200 MORRIS STREET	Analysis:	Total Petroleum Hydrocarbons (TPH) by GC/MS
Project No:	780	Method:	8260TPH
		Prep Meth:	SW5035

Field ID:	MW-22-10	Lab Samp ID:	4600-4
Descr/Location:	MW-22-10	Rec'd Date:	07/14/2005
Sample Date:	07/13/2005	Prep Date:	07/20/2005
Sample Time:	1425	Analysis Date:	07/20/2005
Matrix:	Soil	QC Batch:	20050720
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	100.	200.	PQL		200.	MG/KG	200
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		74-121	SLSA		105%		1

Approved by: William H Patty Date: 8/17/05

Project Name:	200 MORRIS STREET	Analysis:	Total Petroleum Hydrocarbons (TPH) by GC/MS
Project No:	780	Method:	8260TPH
		Prep Meth:	SW5035

Field ID:	MW-22-15	Lab Samp ID:	4600-5
Descr/Location:	MW-22-15	Rec'd Date:	07/14/2005
Sample Date:	07/13/2005	Prep Date:	07/20/2005
Sample Time:	1430	Analysis Date:	07/20/2005
Matrix:	Soil	QC Batch:	20050720
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	100.	200.	PQL		380.	MG/KG	200
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		74-121	SLSA		106%		1

Approved by: William H Potts Date: 8/17/05

Lab Report No.: 4600 Date: 08/17/2005

Project Name:	200 MORRIS STREET	Analysis:	Total Petroleum Hydrocarbons (TPH) by GC/MS
Project No:	780	Method:	8260TPH
		Prep Meth:	SW5035

Field ID:	MW-22-20	Lab Samp ID:	4600-6
Descr/Location:	MW-22-20	Rec'd Date:	07/14/2005
Sample Date:	07/13/2005	Prep Date:	07/15/2005
Sample Time:	1436	Analysis Date:	07/20/2005
Matrix:	Soil	QC Batch:	20050720
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	0.5	1.0	PQL		ND	MG/KG	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		74-121	SLSA		103%		1

Approved by: William H Potts Date: 8/17/05

Lab Report No.: 4600 Date: 08/17/2005

Project Name:	200 MORRIS STREET	Analysis:	Total Petroleum Hydrocarbons (TPH) by GC/MS
Project No:	780	Method:	8260TPH
		Prep Meth:	SW5035

Field ID:	MW-22-25	Lab Samp ID:	4600-7
Descr/Location:	MW-22-25	Rec'd Date:	07/14/2005
Sample Date:	07/13/2005	Prep Date:	07/20/2005
Sample Time:	1445	Analysis Date:	07/20/2005
Matrix:	Soil	QC Batch:	20050720
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	3.	5.0	PQL		40.	MG/KG	5
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		74-121	SLSA		108%		1

Approved by: William H Patty Date: 8/17/05

Lab Report No.: 4600 Date: 08/17/2005

Project Name:	200 MORRIS STREET	Analysis:	Total Petroleum Hydrocarbons (TPH) by GC/MS
Project No:	780	Method:	8260TPH
		Prep Meth:	SW5035

Field ID:	MW-22-5	Lab Samp ID:	4600-3
Descr/Location:	MW-22-5	Rec'd Date:	07/14/2005
Sample Date:	07/13/2005	Prep Date:	07/20/2005
Sample Time:	1418	Analysis Date:	07/20/2005
Matrix:	Soil	QC Batch:	20050720
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	500.	1000.	PQL		7400.	MG/KG	1000
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		74-121	SLSA		106%		1

Approved by: William H Potts Date: 8/17/05

Project Name:	200 MORRIS STREET	Analysis:	Volatile Organic Compounds by GC/MS
Project No:	780	Method:	SW8260B
		Prep Meth:	SW5035

Field ID:	MW-21-25	Lab Samp ID:	4600-1
Descr/Location:	MW-21-25	Rec'd Date:	07/14/2005
Sample Date:	07/12/2005	Prep Date:	07/15/2005
Sample Time:	1150	Analysis Date:	07/20/2005
Matrix:	Soil	QC Batch:	20050720
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc	Dil
Benzene	2.0	5.0	PQL		ND	UG/KG		1
Chlorotoluene	2.0	5.0	PQL		ND	UG/KG		1
Bromochloromethane	1.8	5.0	PQL		ND	UG/KG		1
Bromodichloromethane	1.9	5.0	PQL		ND	UG/KG		1
Bromoform	1.9	5.0	PQL		ND	UG/KG		1
Bromomethane	1.9	5.0	PQL		ND	UG/KG		1
Carbon tetrachloride	1.6	5.0	PQL		ND	UG/KG		1
Chlorobenzene	1.6	5.0	PQL		ND	UG/KG		1
Dibromochloromethane	1.8	5.0	PQL		ND	UG/KG		1
Chloroethane	1.8	5.0	PQL		ND	UG/KG		1
Chloroform	1.5	5.0	PQL		ND	UG/KG		1
Chloromethane	1.5	5.0	PQL		ND	UG/KG		1
1,2-Dibromo-3-chloropropane	5.0	10.	PQL		ND	UG/KG		1
1,2-Dibromoethane	2.5	5.0	PQL		ND	UG/KG		1
Dibromomethane	2.0	5.0	PQL		ND	UG/KG		1
1,2-Dichlorobenzene	2.0	5.0	PQL		ND	UG/KG		1
1,3-Dichlorobenzene	2.0	5.0	PQL		ND	UG/KG		1
1,4-Dichlorobenzene	2.0	5.0	PQL		ND	UG/KG		1
Dichlorodifluoromethane	2.0	5.0	PQL		ND	UG/KG		1
1,1-Dichloroethane	2.0	5.0	PQL		ND	UG/KG		1
1,2-Dichloroethane	2.5	5.0	PQL		ND	UG/KG		1
1,1-Dichloroethene	2.5	5.0	PQL		ND	UG/KG		1
trans-1,2-Dichloroethene	2.5	5.0	PQL		ND	UG/KG		1
1,2-Dichloropropane	2.5	5.0	PQL		ND	UG/KG		1
Ethanol (EtOH)	100.	300.	PQL		ND	UG/KG		1
Ethylbenzene	2.0	5.0	PQL		ND	UG/KG		1
Hexachlorobutadiene	3.0	10.	PQL		ND	UG/KG		1
Isopropylbenzene	2.5	5.0	PQL		ND	UG/KG		1
Methylene chloride	2.0	5.0	PQL		ND	UG/KG		1
Naphthalene	4.0	10.	PQL		ND	UG/KG		1

Approved by: William H Patty Date: 8/17/05

Project Name:	200 MORRIS STREET	Analysis:	Volatile Organic Compounds by GC/MS
Project No:	780	Method:	SW8260B
		Prep Meth:	SW5035

Field ID:	MW-21-25	Lab Samp ID:	4600-1
Descr/Location:	MW-21-25	Rec'd Date:	07/14/2005
Sample Date:	07/12/2005	Prep Date:	07/15/2005
Sample Time:	1150	Analysis Date:	07/20/2005
Matrix:	Soil	QC Batch:	20050720
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc	Dil
Styrene	2.5	5.0	PQL		ND	UG/KG		1
1,1,1,2-Tetrachloroethane	2.0	5.0	PQL		ND	UG/KG		1
1,1,2,2-Tetrachloroethane	2.0	5.0	PQL		ND	UG/KG		1
Tetrachloroethene (PCE)	2.0	5.0	PQL		ND	UG/KG		1
Toluene	2.0	5.0	PQL		ND	UG/KG		1
1,2,4-Trichlorobenzene	2.5	5.0	PQL		ND	UG/KG		1
1,1,1-Trichloroethane	2.5	5.0	PQL		ND	UG/KG		1
1,1,2-Trichloroethane	2.5	5.0	PQL		ND	UG/KG		1
Trichloroethene (TCE)	2.0	5.0	PQL		ND	UG/KG		1
Trichlorofluoromethane	2.5	5.0	PQL		ND	UG/KG		1
1,2,3-Trichloropropane	2.5	5.0	PQL		ND	UG/KG		1
Vinyl chloride	2.5	5.0	PQL		ND	UG/KG		1
Bromobenzene	2.5	5.0	PQL		ND	UG/KG		1
n-Butylbenzene	3.0	5.0	PQL		ND	UG/KG		1
sec-Butylbenzene	3.0	5.0	PQL		ND	UG/KG		1
tert-Butylbenzene	3.0	5.0	PQL		ND	UG/KG		1
2-Chlorotoluene	3.0	5.0	PQL		ND	UG/KG		1
4-Chlorotoluene	3.0	5.0	PQL		ND	UG/KG		1
cis-1,2-Dichloroethene	2.5	5.0	PQL		ND	UG/KG		1
1,3-Dichloropropane	2.5	5.0	PQL		ND	UG/KG		1
Methyl-tert-butyl ether (MTBE)	2.0	5.0	PQL		ND	UG/KG		1
n-Propylbenzene	2.5	5.0	PQL		ND	UG/KG		1
1,2,3-Trichlorobenzene	2.5	5.0	PQL		ND	UG/KG		1
1,2,4-Trimethylbenzene	2.5	5.0	PQL		ND	UG/KG		1
1,3,5-Trimethylbenzene	2.5	5.0	PQL		ND	UG/KG		1
Di-isopropyl ether (DIPE)	2.0	5.0	PQL		ND	UG/KG		1
Ethyl tert-butyl ether (ETBE)	2.0	5.0	PQL		ND	UG/KG		1
tert-Amyl methyl ether (TAME)	2.0	5.0	PQL		ND	UG/KG		1
tert-Butyl alcohol (TBA)	20.	50.	PQL		ND	UG/KG		1
Xylenes	2.0	5.0	PQL		ND	UG/KG		1

Approved by: William H Potts Date: 8/17/05

Project Name:	200 MORRIS STREET	Analysis:	Volatile Organic Compounds by GC/MS
Project No:	780	Method:	SW8260B
		Prep Meth:	SW5035

Field ID:	MW-21-25	Lab Samp ID:	4600-1
Descr/Location:	MW-21-25	Rec'd Date:	07/14/2005
Sample Date:	07/12/2005	Prep Date:	07/15/2005
Sample Time:	1150	Analysis Date:	07/20/2005
Matrix:	Soil	QC Batch:	20050720
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
SURROGATE AND INTERNAL STANDARD RECOVERIES:						
4-Bromofluorobenzene		74-121	SLSA	106%		1
Toluene-d8		81-117	SLSA	97%		1
Dibromofluoromethane		80-120	SLSA	97%		1

Approved by: William H Poty Date: 8/17/05

Project Name:	200 MORRIS STREET	Analysis:	Volatile Organic Compounds by GC/MS
Project No:	780	Method:	SW8260B
		Prep Meth:	SW5035

Field ID:	MW-21-30	Lab Samp ID:	4600-2
Descr/Location:	MW-21-30	Rec'd Date:	07/14/2005
Sample Date:	07/12/2005	Prep Date:	07/15/2005
Sample Time:	1200	Analysis Date:	07/20/2005
Matrix:	Soil	QC Batch:	20050720
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Benzene	2.0	5.0	PQL		ND	UG/KG	1
Chlorotoluene	2.0	5.0	PQL		ND	UG/KG	1
Bromochloromethane	1.8	5.0	PQL		ND	UG/KG	1
Bromodichloromethane	1.9	5.0	PQL		ND	UG/KG	1
Bromoform	1.9	5.0	PQL		ND	UG/KG	1
Bromomethane	1.9	5.0	PQL		ND	UG/KG	1
Carbon tetrachloride	1.6	5.0	PQL		ND	UG/KG	1
Chlorobenzene	1.6	5.0	PQL		ND	UG/KG	1
Dibromochloromethane	1.8	5.0	PQL		ND	UG/KG	1
Chloroethane	1.8	5.0	PQL		ND	UG/KG	1
Chloroform	1.5	5.0	PQL		ND	UG/KG	1
Chloromethane	1.5	5.0	PQL		ND	UG/KG	1
1,2-Dibromo-3-chloropropane	5.0	10.	PQL		ND	UG/KG	1
1,2-Dibromoethane	2.5	5.0	PQL		ND	UG/KG	1
Dibromomethane	2.0	5.0	PQL		ND	UG/KG	1
1,2-Dichlorobenzene	2.0	5.0	PQL		ND	UG/KG	1
1,3-Dichlorobenzene	2.0	5.0	PQL		ND	UG/KG	1
1,4-Dichlorobenzene	2.0	5.0	PQL		ND	UG/KG	1
Dichlorodifluoromethane	2.0	5.0	PQL		ND	UG/KG	1
1,1-Dichloroethane	2.0	5.0	PQL		ND	UG/KG	1
1,2-Dichloroethane	2.5	5.0	PQL		ND	UG/KG	1
1,1-Dichloroethene	2.5	5.0	PQL		ND	UG/KG	1
trans-1,2-Dichloroethene	2.5	5.0	PQL		ND	UG/KG	1
1,2-Dichloropropane	2.5	5.0	PQL		ND	UG/KG	1
Ethanol (EtOH)	100.	300.	PQL		ND	UG/KG	1
Ethylbenzene	2.0	5.0	PQL		ND	UG/KG	1
Hexachlorobutadiene	3.0	10.	PQL		ND	UG/KG	1
Isopropylbenzene	2.5	5.0	PQL		ND	UG/KG	1
Methylene chloride	2.0	5.0	PQL		ND	UG/KG	1
Naphthalene	4.0	10.	PQL		ND	UG/KG	1

Approved by: William H Poth Date: 8/17/05

Project Name:	200 MORRIS STREET	Analysis:	Volatile Organic Compounds by GC/MS
Project No:	780	Method:	SW8260B
		Prep Meth:	SW5035

Field ID:	MW-21-30	Lab Samp ID:	4600-2
Descr/Location:	MW-21-30	Rec'd Date:	07/14/2005
Sample Date:	07/12/2005	Prep Date:	07/15/2005
Sample Time:	1200	Analysis Date:	07/20/2005
Matrix:	Soil	QC Batch:	20050720
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc	Dil
Styrene	2.5	5.0	PQL		ND	UG/KG		1
1,1,1,2-Tetrachloroethane	2.0	5.0	PQL		ND	UG/KG		1
1,1,2,2-Tetrachloroethane	2.0	5.0	PQL		ND	UG/KG		1
Tetrachloroethene (PCE)	2.0	5.0	PQL		ND	UG/KG		1
Toluene	2.0	5.0	PQL		ND	UG/KG		1
1,2,4-Trichlorobenzene	2.5	5.0	PQL		ND	UG/KG		1
1,1,1-Trichloroethane	2.5	5.0	PQL		ND	UG/KG		1
1,1,2-Trichloroethane	2.5	5.0	PQL		ND	UG/KG		1
Trichloroethene (TCE)	2.0	5.0	PQL		ND	UG/KG		1
Trichlorofluoromethane	2.5	5.0	PQL		ND	UG/KG		1
1,2,3-Trichloropropane	2.5	5.0	PQL		ND	UG/KG		1
Vinyl chloride	2.5	5.0	PQL		ND	UG/KG		1
Bromobenzene	2.5	5.0	PQL		ND	UG/KG		1
n-Butylbenzene	3.0	5.0	PQL		ND	UG/KG		1
sec-Butylbenzene	3.0	5.0	PQL		ND	UG/KG		1
tert-Butylbenzene	3.0	5.0	PQL		ND	UG/KG		1
2-Chlorotoluene	3.0	5.0	PQL		ND	UG/KG		1
4-Chlorotoluene	3.0	5.0	PQL		ND	UG/KG		1
cis-1,2-Dichloroethene	2.5	5.0	PQL		ND	UG/KG		1
1,3-Dichloropropane	2.5	5.0	PQL		ND	UG/KG		1
Methyl-tert-butyl ether (MTBE)	2.0	5.0	PQL		ND	UG/KG		1
n-Propylbenzene	2.5	5.0	PQL		ND	UG/KG		1
1,2,3-Trichlorobenzene	2.5	5.0	PQL		ND	UG/KG		1
1,2,4-Trimethylbenzene	2.5	5.0	PQL		ND	UG/KG		1
1,3,5-Trimethylbenzene	2.5	5.0	PQL		ND	UG/KG		1
Di-isopropyl ether (DIPE)	2.0	5.0	PQL		ND	UG/KG		1
Ethyl tert-butyl ether (ETBE)	2.0	5.0	PQL		ND	UG/KG		1
tert-Amyl methyl ether (TAME)	2.0	5.0	PQL		ND	UG/KG		1
tert-Butyl alcohol (TBA)	20.	50.	PQL		ND	UG/KG		1
Xylenes	2.0	5.0	PQL		ND	UG/KG		1

Approved by: William H Roth Date: 8/17/05

Project Name:	200 MORRIS STREET	Analysis:	Volatile Organic Compounds by GC/MS
Project No:	780	Method:	SW8260B
		Prep Meth:	SW5035

Field ID:	MW-21-30	Lab Samp ID:	4600-2
Descr/Location:	MW-21-30	Rec'd Date:	07/14/2005
Sample Date:	07/12/2005	Prep Date:	07/15/2005
Sample Time:	1200	Analysis Date:	07/20/2005
Matrix:	Soil	QC Batch:	20050720
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
SURROGATE AND INTERNAL STANDARD RECOVERIES:						
4-Bromofluorobenzene		74-121	SLSA	103%		1
Toluene-d8		81-117	SLSA	101%		1
Dibromofluoromethane		80-120	SLSA	96%		1

Approved by: William H Potts Date: 8/17/05

Project Name:	200 MORRIS STREET	Analysis:	Volatile Organic Compounds by GC/MS
Project No:	780	Method:	SW8260B
		Prep Meth:	SW5035

Field ID:	MW-22-10	Lab Samp ID:	4600-4
Descr/Location:	MW-22-10	Rec'd Date:	07/14/2005
Sample Date:	07/13/2005	Prep Date:	07/20/2005
Sample Time:	1425	Analysis Date:	07/20/2005
Matrix:	Soil	QC Batch:	20050720
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Benzene	400.	1000.	PQL	DX	ND	UG/KG	200
Chlorotoluene	400.	1000.	PQL		ND	UG/KG	200
Bromochloromethane	360.	1000.	PQL		ND	UG/KG	200
Bromodichloromethane	380.	1000.	PQL		ND	UG/KG	200
Bromoform	380.	1000.	PQL		ND	UG/KG	200
Bromomethane	380.	1000.	PQL		ND	UG/KG	200
Carbon tetrachloride	320.	1000.	PQL		ND	UG/KG	200
Chlorobenzene	320.	1000.	PQL		ND	UG/KG	200
Dibromochloromethane	360.	1000.	PQL		ND	UG/KG	200
Chloroethane	360.	1000.	PQL		ND	UG/KG	200
Chloroform	300.	1000.	PQL		ND	UG/KG	200
Chloromethane	300.	1000.	PQL		ND	UG/KG	200
1,2-Dibromo-3-chloropropane	1000.	2000.	PQL		ND	UG/KG	200
1,2-Dibromoethane	500.	1000.	PQL		ND	UG/KG	200
Dibromomethane	400.	1000.	PQL		ND	UG/KG	200
1,2-Dichlorobenzene	400.	1000.	PQL		ND	UG/KG	200
1,3-Dichlorobenzene	400.	1000.	PQL		ND	UG/KG	200
1,4-Dichlorobenzene	400.	1000.	PQL		ND	UG/KG	200
Dichlorodifluoromethane	400.	1000.	PQL		ND	UG/KG	200
1,1-Dichloroethane	400.	1000.	PQL		ND	UG/KG	200
1,2-Dichloroethane	500.	1000.	PQL		ND	UG/KG	200
1,1-Dichloroethene	500.	1000.	PQL		ND	UG/KG	200
trans-1,2-Dichloroethene	500.	1000.	PQL		ND	UG/KG	200
1,2-Dichloropropane	500.	1000.	PQL		ND	UG/KG	200
Ethylbenzene	400.	1000.	PQL		1650.	UG/KG	200
Hexachlorobutadiene	600.	2000.	PQL		ND	UG/KG	200
Isopropylbenzene	500.	1000.	PQL		ND	UG/KG	200
Methylene chloride	400.	1000.	PQL		ND	UG/KG	200
Naphthalene	800.	2000.	PQL		2160.	UG/KG	200

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

Approved by: William H Potts Date: 8/17/05

Project Name:	200 MORRIS STREET	Analysis:	Volatile Organic Compounds by GC/MS
Project No:	780	Method:	SW8260B
		Prep Meth:	SW5035

Field ID:	MW-22-10	Lab Samp ID:	4600-4
Descr/Location:	MW-22-10	Rec'd Date:	07/14/2005
Sample Date:	07/13/2005	Prep Date:	07/20/2005
Sample Time:	1425	Analysis Date:	07/20/2005
Matrix:	Soil	QC Batch:	20050720
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Styrene	500.	1000.	PQL		ND	UG/KG	200
1,1,1,2-Tetrachloroethane	400.	1000.	PQL		ND	UG/KG	200
1,1,2,2-Tetrachloroethane	400.	1000.	PQL		ND	UG/KG	200
Tetrachloroethene (PCE)	400.	1000.	PQL		ND	UG/KG	200
Toluene	400.	1000.	PQL		3200.	UG/KG	200
1,2,4-Trichlorobenzene	500.	1000.	PQL		ND	UG/KG	200
1,1,1-Trichloroethane	500.	1000.	PQL		ND	UG/KG	200
1,1,2-Trichloroethane	500.	1000.	PQL		ND	UG/KG	200
Trichloroethene (TCE)	400.	1000.	PQL		ND	UG/KG	200
Trichlorofluoromethane	500.	1000.	PQL		ND	UG/KG	200
1,2,3-Trichloropropane	500.	1000.	PQL		ND	UG/KG	200
Vinyl chloride	500.	1000.	PQL		ND	UG/KG	200
Bromobenzene	500.	1000.	PQL		ND	UG/KG	200
n-Butylbenzene	600.	1000.	PQL		ND	UG/KG	200
sec-Butylbenzene	600.	1000.	PQL		ND	UG/KG	200
tert-Butylbenzene	600.	1000.	PQL		ND	UG/KG	200
2-Chlorotoluene	600.	1000.	PQL		ND	UG/KG	200
4-Chlorotoluene	600.	1000.	PQL		ND	UG/KG	200
cis-1,2-Dichloroethene	500.	1000.	PQL		ND	UG/KG	200
1,3-Dichloropropane	500.	1000.	PQL		ND	UG/KG	200
Methyl-tert-butyl ether (MTBE)	400.	1000.	PQL		ND	UG/KG	200
n-Propylbenzene	500.	1000.	PQL	DX	ND	UG/KG	200
1,2,3-Trichlorobenzene	500.	1000.	PQL		ND	UG/KG	200
1,2,4-Trimethylbenzene	500.	1000.	PQL		5620.	UG/KG	200
1,3,5-Trimethylbenzene	500.	1000.	PQL		1630.	UG/KG	200
Di-isopropyl ether (DIPE)	400.	1000.	PQL		ND	UG/KG	200
Ethyl tert-butyl ether (ETBE)	400.	1000.	PQL		ND	UG/KG	200
tert-Amyl methyl ether (TAME)	400.	1000.	PQL		ND	UG/KG	200
tert-Butyl alcohol (TBA)	4000.	****.	PQL		ND	UG/KG	200

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

Approved by: William H Potts Date: 8/17/05

Project Name:	200 MORRIS STREET	Analysis:	Volatile Organic Compounds by GC/MS
Project No:	780	Method:	SW8260B
		Prep Meth:	SW5035

Field ID:	MW-22-10	Lab Samp ID:	4600-4
Descr/Location:	MW-22-10	Rec'd Date:	07/14/2005
Sample Date:	07/13/2005	Prep Date:	07/20/2005
Sample Time:	1425	Analysis Date:	07/20/2005
Matrix:	Soil	QC Batch:	20050720
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Xylenes	400.	1000.	PQL		7900.	UG/KG	200
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		74-121	SLSA		105%		1
Toluene-d8		81-117	SLSA		99%		1
Dibromofluoromethane		80-120	SLSA		96%		1

Approved by: William H Potts Date: 8/17/05

Project Name:	200 MORRIS STREET	Analysis:	Volatile Organic Compounds by GC/MS
Project No:	780	Method:	SW8260B
		Prep Meth:	SW5035

Field ID:	MW-22-15	Lab Samp ID:	4600-5
Descr/Location:	MW-22-15	Rec'd Date:	07/14/2005
Sample Date:	07/13/2005	Prep Date:	07/20/2005
Sample Time:	1430	Analysis Date:	07/20/2005
Matrix:	Soil	QC Batch:	20050720
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Benzene	400.	1000.	PQL		ND	UG/KG	200
Chlorotoluene	400.	1000.	PQL		ND	UG/KG	200
Bromochloromethane	360.	1000.	PQL		ND	UG/KG	200
Bromodichloromethane	380.	1000.	PQL		ND	UG/KG	200
Bromoform	380.	1000.	PQL		ND	UG/KG	200
Bromomethane	380.	1000.	PQL		ND	UG/KG	200
Carbon tetrachloride	320.	1000.	PQL		ND	UG/KG	200
Chlorobenzene	320.	1000.	PQL		ND	UG/KG	200
Dibromochloromethane	360.	1000.	PQL		ND	UG/KG	200
Chloroethane	360.	1000.	PQL		ND	UG/KG	200
Chloroform	300.	1000.	PQL		ND	UG/KG	200
Chloromethane	300.	1000.	PQL		ND	UG/KG	200
1,2-Dibromo-3-chloropropane	1000.	2000.	PQL		ND	UG/KG	200
1,2-Dibromoethane	500.	1000.	PQL		ND	UG/KG	200
Dibromomethane	400.	1000.	PQL		ND	UG/KG	200
1,2-Dichlorobenzene	400.	1000.	PQL		ND	UG/KG	200
1,3-Dichlorobenzene	400.	1000.	PQL		ND	UG/KG	200
1,4-Dichlorobenzene	400.	1000.	PQL		ND	UG/KG	200
Dichlorodifluoromethane	400.	1000.	PQL		ND	UG/KG	200
1,1-Dichloroethane	400.	1000.	PQL		ND	UG/KG	200
1,2-Dichloroethane	500.	1000.	PQL		ND	UG/KG	200
1,1-Dichloroethene	500.	1000.	PQL		ND	UG/KG	200
trans-1,2-Dichloroethene	500.	1000.	PQL		ND	UG/KG	200
1,2-Dichloropropane	500.	1000.	PQL		ND	UG/KG	200
Ethylbenzene	400.	1000.	PQL		4870.	UG/KG	200
Hexachlorobutadiene	600.	2000.	PQL		ND	UG/KG	200
Isopropylbenzene	500.	1000.	PQL		ND	UG/KG	200
Methylene chloride	400.	1000.	PQL		ND	UG/KG	200
Naphthalene	800.	2000.	PQL		2900.	UG/KG	200
Styrene	500.	1000.	PQL		ND	UG/KG	200

Approved by: William H Patty Date: 8/17/05

Project Name:	200 MORRIS STREET	Analysis:	Volatile Organic Compounds by GC/MS
Project No:	780	Method:	SW8260B
		Prep Meth:	SW5035

Field ID:	MW-22-15	Lab Samp ID:	4600-5
Descr/Location:	MW-22-15	Rec'd Date:	07/14/2005
Sample Date:	07/13/2005	Prep Date:	07/20/2005
Sample Time:	1430	Analysis Date:	07/20/2005
Matrix:	Soil	QC Batch:	20050720
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
1,1,1,2-Tetrachloroethane	400.	1000.	PQL		ND	UG/KG	200
1,1,2,2-Tetrachloroethane	400.	1000.	PQL		ND	UG/KG	200
Tetrachloroethene (PCE)	400.	1000.	PQL		ND	UG/KG	200
Toluene	400.	1000.	PQL		11800.	UG/KG	200
1,2,4-Trichlorobenzene	500.	1000.	PQL		ND	UG/KG	200
1,1,1-Trichloroethane	500.	1000.	PQL		ND	UG/KG	200
1,1,2-Trichloroethane	500.	1000.	PQL		ND	UG/KG	200
Trichloroethene (TCE)	400.	1000.	PQL		ND	UG/KG	200
Trichlorofluoromethane	500.	1000.	PQL		ND	UG/KG	200
1,2,3-Trichloropropane	500.	1000.	PQL		ND	UG/KG	200
Vinyl chloride	500.	1000.	PQL		ND	UG/KG	200
Bromobenzene	500.	1000.	PQL		ND	UG/KG	200
n-Butylbenzene	600.	1000.	PQL		ND	UG/KG	200
sec-Butylbenzene	600.	1000.	PQL		ND	UG/KG	200
tert-Butylbenzene	600.	1000.	PQL		ND	UG/KG	200
2-Chlorotoluene	600.	1000.	PQL		ND	UG/KG	200
4-Chlorotoluene	600.	1000.	PQL		ND	UG/KG	200
cis-1,2-Dichloroethene	500.	1000.	PQL		ND	UG/KG	200
1,3-Dichloropropane	500.	1000.	PQL		ND	UG/KG	200
Methyl-tert-butyl ether (MTBE)	400.	1000.	PQL		ND	UG/KG	200
n-Propylbenzene	500.	1000.	PQL		2570.	UG/KG	200
1,2,3-Trichlorobenzene	500.	1000.	PQL		ND	UG/KG	200
1,2,4-Trimethylbenzene	500.	1000.	PQL		16700.	UG/KG	200
1,3,5-Trimethylbenzene	500.	1000.	PQL		4910.	UG/KG	200
Di-isopropyl ether (DIPE)	400.	1000.	PQL		ND	UG/KG	200
Ethyl tert-butyl ether (ETBE)	400.	1000.	PQL		ND	UG/KG	200
tert-Amyl methyl ether (TAME)	400.	1000.	PQL		ND	UG/KG	200
tert-Butyl alcohol (TBA)	4000.	****.	PQL		ND	UG/KG	200
Xylenes	400.	1000.	PQL		23500.	UG/KG	200

SURROGATE AND INTERNAL STANDARD RECOVERIES:

4-Bromofluorobenzene	74-121	SLSA	105%	1

Approved by: William H Roth Date: 8/17/05

Project Name:	200 MORRIS STREET	Analysis:	Volatile Organic Compounds by GC/MS
Project No:	780	Method:	SW8260B
		Prep Meth:	SW5035

Field ID:	MW-22-15	Lab Samp ID:	4600-5
Descr/Location:	MW-22-15	Rec'd Date:	07/14/2005
Sample Date:	07/13/2005	Prep Date:	07/20/2005
Sample Time:	1430	Analysis Date:	07/20/2005
Matrix:	Soil	QC Batch:	20050720
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
SURROGATE AND INTERNAL STANDARD RECOVERIES:						
Toluene-d8		81-117	SLSA	96%		1
Dibromofluoromethane		80-120	SLSA	95%		1

Approved by: William H Patty Date: 8/17/05

Project Name:	200 MORRIS STREET	Analysis:	Volatile Organic Compounds by GC/MS
Project No:	780	Method:	SW8260B
		Prep Meth:	SW5035

Field ID:	MW-22-20	Lab Samp ID:	4600-6
Descr/Location:	MW-22-20	Rec'd Date:	07/14/2005
Sample Date:	07/13/2005	Prep Date:	07/15/2005
Sample Time:	1436	Analysis Date:	07/20/2005
Matrix:	Soil	QC Batch:	20050720
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Benzene	2.0	5.0	PQL		ND	UG/KG	1
Chlorotoluene	2.0	5.0	PQL		ND	UG/KG	1
Bromochloromethane	1.8	5.0	PQL		ND	UG/KG	1
Bromodichloromethane	1.9	5.0	PQL		ND	UG/KG	1
Bromoform	1.9	5.0	PQL		ND	UG/KG	1
Bromomethane	1.9	5.0	PQL		ND	UG/KG	1
Carbon tetrachloride	1.6	5.0	PQL		ND	UG/KG	1
Chlorobenzene	1.6	5.0	PQL		ND	UG/KG	1
Dibromochloromethane	1.8	5.0	PQL		ND	UG/KG	1
Chloroethane	1.8	5.0	PQL		ND	UG/KG	1
Chloroform	1.5	5.0	PQL		ND	UG/KG	1
Chloromethane	1.5	5.0	PQL		ND	UG/KG	1
1,2-Dibromo-3-chloropropane	5.0	10.	PQL		ND	UG/KG	1
1,2-Dibromoethane	2.5	5.0	PQL		ND	UG/KG	1
Dibromomethane	2.0	5.0	PQL		ND	UG/KG	1
1,2-Dichlorobenzene	2.0	5.0	PQL		ND	UG/KG	1
1,3-Dichlorobenzene	2.0	5.0	PQL		ND	UG/KG	1
1,4-Dichlorobenzene	2.0	5.0	PQL		ND	UG/KG	1
Dichlorodifluoromethane	2.0	5.0	PQL		ND	UG/KG	1
1,1-Dichloroethane	2.0	5.0	PQL		ND	UG/KG	1
1,2-Dichloroethane	2.5	5.0	PQL		ND	UG/KG	1
1,1-Dichloroethene	2.5	5.0	PQL		ND	UG/KG	1
trans-1,2-Dichloroethene	2.5	5.0	PQL		ND	UG/KG	1
1,2-Dichloropropane	2.5	5.0	PQL		ND	UG/KG	1
Ethylbenzene	2.0	5.0	PQL	DX	ND	UG/KG	1
Hexachlorobutadiene	3.0	10.	PQL		ND	UG/KG	1
Isopropylbenzene	2.5	5.0	PQL		ND	UG/KG	1
Methylene chloride	2.0	5.0	PQL		ND	UG/KG	1
Naphthalene	4.0	10.	PQL		27.2	UG/KG	1

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

Approved by: William H Roth Date: 8/17/05

Project Name:	200 MORRIS STREET	Analysis:	Volatile Organic Compounds by GC/MS
Project No:	780	Method:	SW8260B
		Prep Meth:	SW5035

Field ID:	MW-22-20	Lab Samp ID:	4600-6
Descr/Location:	MW-22-20	Rec'd Date:	07/14/2005
Sample Date:	07/13/2005	Prep Date:	07/15/2005
Sample Time:	1436	Analysis Date:	07/20/2005
Matrix:	Soil	QC Batch:	20050720
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Styrene	2.5	5.0	PQL		ND	UG/KG	1
1,1,1,2-Tetrachloroethane	2.0	5.0	PQL		ND	UG/KG	1
1,1,2,2-Tetrachloroethane	2.0	5.0	PQL		ND	UG/KG	1
Tetrachloroethene (PCE)	2.0	5.0	PQL		ND	UG/KG	1
Toluene	2.0	5.0	PQL		6.96	UG/KG	1
1,2,4-Trichlorobenzene	2.5	5.0	PQL		ND	UG/KG	1
1,1,1-Trichloroethane	2.5	5.0	PQL		ND	UG/KG	1
1,1,2-Trichloroethane	2.5	5.0	PQL		ND	UG/KG	1
Trichloroethene (TCE)	2.0	5.0	PQL		ND	UG/KG	1
Trichlorofluoromethane	2.5	5.0	PQL		ND	UG/KG	1
1,2,3-Trichloropropane	2.5	5.0	PQL		ND	UG/KG	1
Vinyl chloride	2.5	5.0	PQL		ND	UG/KG	1
Bromobenzene	2.5	5.0	PQL		ND	UG/KG	1
n-Butylbenzene	3.0	5.0	PQL		ND	UG/KG	1
sec-Butylbenzene	3.0	5.0	PQL		ND	UG/KG	1
tert-Butylbenzene	3.0	5.0	PQL		ND	UG/KG	1
2-Chlorotoluene	3.0	5.0	PQL		ND	UG/KG	1
4-Chlorotoluene	3.0	5.0	PQL		ND	UG/KG	1
cis-1,2-Dichloroethene	2.5	5.0	PQL		ND	UG/KG	1
1,3-Dichloropropane	2.5	5.0	PQL		ND	UG/KG	1
Methyl-tert-butyl ether (MTBE)	2.0	5.0	PQL		ND	UG/KG	1
n-Propylbenzene	2.5	5.0	PQL	DX	ND	UG/KG	1
1,2,3-Trichlorobenzene	2.5	5.0	PQL		ND	UG/KG	1
1,2,4-Trimethylbenzene	2.5	5.0	PQL		33.8	UG/KG	1
1,3,5-Trimethylbenzene	2.5	5.0	PQL		8.11	UG/KG	1
Di-isopropyl ether (DIPE)	2.0	5.0	PQL		ND	UG/KG	1
Ethyl tert-butyl ether (ETBE)	2.0	5.0	PQL		ND	UG/KG	1
tert-Amyl methyl ether (TAME)	2.0	5.0	PQL		ND	UG/KG	1
tert-Butyl alcohol (TBA)	20.	50.	PQL		ND	UG/KG	1

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

Approved by: Wallace H Poty Date: 8/17/05

Project Name:	200 MORRIS STREET	Analysis:	Volatile Organic Compounds by GC/MS
Project No:	780	Method:	SW8260B
		Prep Meth:	SW5035

Field ID:	MW-22-20	Lab Samp ID:	4600-6
Descr/Location:	MW-22-20	Rec'd Date:	07/14/2005
Sample Date:	07/13/2005	Prep Date:	07/15/2005
Sample Time:	1436	Analysis Date:	07/20/2005
Matrix:	Soil	QC Batch:	20050720
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc	Dil
Xylenes	2.0	5.0	PQL		20.6	UG/KG		1
SURROGATE AND INTERNAL STANDARD RECOVERIES:								
4-Bromofluorobenzene		74-121	SLSA		103%			1
Toluene-d8		81-117	SLSA		100%			1
Dibromofluoromethane		80-120	SLSA		96%			1

Approved by: William H Patty Date: 8/17/05

Project Name:	200 MORRIS STREET	Analysis:	Volatile Organic Compounds by GC/MS
Project No:	780	Method:	SW8260B
		Prep Meth:	SW5035

Field ID:	MW-22-25	Lab Samp ID:	4600-7
Descr/Location:	MW-22-25	Rec'd Date:	07/14/2005
Sample Date:	07/13/2005	Prep Date:	07/20/2005
Sample Time:	1445	Analysis Date:	07/20/2005
Matrix:	Soil	QC Batch:	20050720
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Benzene	10.	25.	PQL		ND	UG/KG	5
Chlorotoluene	10.	25.	PQL		ND	UG/KG	5
Bromochloromethane	9.0	25.	PQL		ND	UG/KG	5
Bromodichloromethane	9.5	25.	PQL		ND	UG/KG	5
Bromoform	9.5	25.	PQL		ND	UG/KG	5
Bromomethane	9.5	25.	PQL		ND	UG/KG	5
Carbon tetrachloride	8.0	25.	PQL		ND	UG/KG	5
Chlorobenzene	8.0	25.	PQL		ND	UG/KG	5
Dibromochloromethane	9.0	25.	PQL		ND	UG/KG	5
Chloroethane	9.0	25.	PQL		ND	UG/KG	5
Chloroform	7.5	25.	PQL		ND	UG/KG	5
Chloromethane	7.5	25.	PQL		ND	UG/KG	5
1,2-Dibromo-3-chloropropane	25.	50.	PQL		ND	UG/KG	5
1,2-Dibromoethane	13.	25.	PQL		ND	UG/KG	5
Dibromomethane	10.	25.	PQL		ND	UG/KG	5
1,2-Dichlorobenzene	10.	25.	PQL		ND	UG/KG	5
1,3-Dichlorobenzene	10.	25.	PQL		ND	UG/KG	5
1,4-Dichlorobenzene	10.	25.	PQL		ND	UG/KG	5
Dichlorodifluoromethane	10.	25.	PQL		ND	UG/KG	5
1,1-Dichloroethane	10.	25.	PQL		ND	UG/KG	5
1,2-Dichloroethane	13.	25.	PQL		ND	UG/KG	5
1,1-Dichloroethene	13.	25.	PQL		ND	UG/KG	5
trans-1,2-Dichloroethene	13.	25.	PQL		ND	UG/KG	5
1,2-Dichloropropane	13.	25.	PQL		ND	UG/KG	5
Ethylbenzene	10.	25.	PQL		502.	UG/KG	5
Hexachlorobutadiene	15.	50.	PQL		ND	UG/KG	5
Isopropylbenzene	13.	25.	PQL		121.	UG/KG	5
Methylene chloride	10.	25.	PQL		ND	UG/KG	5
Naphthalene	20.	50.	PQL		453.	UG/KG	5
Styrene	13.	25.	PQL		ND	UG/KG	5

Approved by: William H Potts Date: 8/17/05

Project Name:	200 MORRIS STREET	Analysis:	Volatile Organic Compounds by GC/MS
Project No:	780	Method:	SW8260B
		Prep Meth:	SW5035

Field ID:	MW-22-25	Lab Samp ID:	4600-7
Descr/Location:	MW-22-25	Rec'd Date:	07/14/2005
Sample Date:	07/13/2005	Prep Date:	07/20/2005
Sample Time:	1445	Analysis Date:	07/20/2005
Matrix:	Soil	QC Batch:	20050720
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
1,1,1,2-Tetrachloroethane	10.	25.	PQL		ND	UG/KG	5
1,1,2,2-Tetrachloroethane	10.	25.	PQL		ND	UG/KG	5
Tetrachloroethene (PCE)	10.	25.	PQL		ND	UG/KG	5
Toluene	10.	25.	PQL		141.	UG/KG	5
1,2,4-Trichlorobenzene	13.	25.	PQL		ND	UG/KG	5
1,1,1-Trichloroethane	13.	25.	PQL		ND	UG/KG	5
1,1,2-Trichloroethane	13.	25.	PQL		ND	UG/KG	5
Trichloroethene (TCE)	10.	25.	PQL		ND	UG/KG	5
Trichlorofluoromethane	13.	25.	PQL		ND	UG/KG	5
1,2,3-Trichloropropane	13.	25.	PQL		ND	UG/KG	5
Vinyl chloride	13.	25.	PQL		ND	UG/KG	5
Bromobenzene	13.	25.	PQL		ND	UG/KG	5
n-Butylbenzene	15.	25.	PQL		353.	UG/KG	5
sec-Butylbenzene	15.	25.	PQL		75.4	UG/KG	5
tert-Butylbenzene	15.	25.	PQL		ND	UG/KG	5
2-Chlorotoluene	15.	25.	PQL		ND	UG/KG	5
4-Chlorotoluene	15.	25.	PQL		ND	UG/KG	5
cis-1,2-Dichloroethene	13.	25.	PQL		ND	UG/KG	5
1,3-Dichloropropane	13.	25.	PQL		ND	UG/KG	5
Methyl-tert-butyl ether (MTBE)	10.	25.	PQL		ND	UG/KG	5
n-Propylbenzene	13.	25.	PQL		470.	UG/KG	5
1,2,3-Trichlorobenzene	13.	25.	PQL		ND	UG/KG	5
1,2,4-Trimethylbenzene	52.	100.	PQL		2940.	UG/KG	20
1,3,5-Trimethylbenzene	13.	25.	PQL		903.	UG/KG	5
Di-isopropyl ether (DIPE)	10.	25.	PQL		ND	UG/KG	5
Ethyl tert-butyl ether (ETBE)	10.	25.	PQL		ND	UG/KG	5
tert-Amyl methyl ether (TAME)	10.	25.	PQL		ND	UG/KG	5
tert-Butyl alcohol (TBA)	100.	300.	PQL		ND	UG/KG	5
Xylenes	10.	25.	PQL		2410.	UG/KG	5
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		74-121	SLSA		108%		1

Approved by: William H Patty Date: 8/17/05

Project Name:	200 MORRIS STREET	Analysis:	Volatile Organic Compounds by GC/MS
Project No:	780	Method:	SW8260B
		Prep Meth:	SW5035

Field ID:	MW-22-25	Lab Samp ID:	4600-7
Descr/Location:	MW-22-25	Rec'd Date:	07/14/2005
Sample Date:	07/13/2005	Prep Date:	07/20/2005
Sample Time:	1445	Analysis Date:	07/20/2005
Matrix:	Soil	QC Batch:	20050720
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
SURROGATE AND INTERNAL STANDARD RECOVERIES:						
Toluene-d8		81-117	SLSA	98%		1
Dibromofluoromethane		80-120	SLSA	93%		1

Approved by: William H Patty Date: 8/17/05

Lab Report No.: 4600 Date: 08/17/2005

Project Name:	200 MORRIS STREET	Analysis:	Volatile Organic Compounds by GC/MS
Project No:	780	Method:	SW8260B
		Prep Meth:	SW5035

Field ID:	MW-22-5	Lab Samp ID:	4600-3
Descr/Location:	MW-22-5	Rec'd Date:	07/14/2005
Sample Date:	07/13/2005	Prep Date:	07/20/2005
Sample Time:	1418	Analysis Date:	07/20/2005
Matrix:	Soil	QC Batch:	20050720
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Benzene	2000.	5000.	PQL		7620.	UG/KG	1000
Chlorotoluene	2000.	5000.	PQL		ND	UG/KG	1000
Bromochloromethane	1800.	5000.	PQL		ND	UG/KG	1000
Bromodichloromethane	1900.	5000.	PQL		ND	UG/KG	1000
Bromoform	1900.	5000.	PQL		ND	UG/KG	1000
Bromomethane	1900.	5000.	PQL		ND	UG/KG	1000
Carbon tetrachloride	1600.	5000.	PQL		ND	UG/KG	1000
Chlorobenzene	1600.	5000.	PQL		ND	UG/KG	1000
Dibromochloromethane	1800.	5000.	PQL		ND	UG/KG	1000
Chloroethane	1800.	5000.	PQL		ND	UG/KG	1000
Chloroform	1500.	5000.	PQL		ND	UG/KG	1000
Chloromethane	1500.	5000.	PQL		ND	UG/KG	1000
1,2-Dibromo-3-chloropropane	5000.	****.	PQL		ND	UG/KG	1000
1,2-Dibromoethane	2500.	5000.	PQL		ND	UG/KG	1000
Dibromomethane	2000.	5000.	PQL		ND	UG/KG	1000
1,2-Dichlorobenzene	2000.	5000.	PQL		ND	UG/KG	1000
1,3-Dichlorobenzene	2000.	5000.	PQL		ND	UG/KG	1000
1,4-Dichlorobenzene	2000.	5000.	PQL		ND	UG/KG	1000
Dichlorodifluoromethane	2000.	5000.	PQL		ND	UG/KG	1000
1,1-Dichloroethane	2000.	5000.	PQL		ND	UG/KG	1000
1,2-Dichloroethane	2500.	5000.	PQL		ND	UG/KG	1000
1,1-Dichloroethene	2500.	5000.	PQL		ND	UG/KG	1000
trans-1,2-Dichloroethene	2500.	5000.	PQL		ND	UG/KG	1000
1,2-Dichloropropane	2500.	5000.	PQL		ND	UG/KG	1000
Ethylbenzene	2000.	5000.	PQL		136000.	UG/KG	1000
Hexachlorobutadiene	3000.	****.	PQL		ND	UG/KG	1000
Isopropylbenzene	2500.	5000.	PQL		18500.	UG/KG	1000
Methylene chloride	2000.	5000.	PQL		ND	UG/KG	1000
Naphthalene	4000.	****.	PQL		57000.	UG/KG	1000
Styrene	2500.	5000.	PQL		ND	UG/KG	1000

Approved by: William H Potz Date: 8/17/05

Project Name:	200 MORRIS STREET	Analysis:	Volatile Organic Compounds by GC/MS
Project No:	780	Method:	SW8260B
		Prep Meth:	SW5035

Field ID:	MW-22-5	Lab Samp ID:	4600-3
Descr/Location:	MW-22-5	Rec'd Date:	07/14/2005
Sample Date:	07/13/2005	Prep Date:	07/20/2005
Sample Time:	1418	Analysis Date:	07/20/2005
Matrix:	Soil	QC Batch:	20050720
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
1,1,1,2-Tetrachloroethane	2000.	5000.	PQL		ND	UG/KG	1000
1,1,2,2-Tetrachloroethane	2000.	5000.	PQL		ND	UG/KG	1000
Tetrachloroethene (PCE)	2000.	5000.	PQL		ND	UG/KG	1000
Toluene	2000.	5000.	PQL		215000.	UG/KG	1000
1,2,4-Trichlorobenzene	2500.	5000.	PQL		ND	UG/KG	1000
1,1,1-Trichloroethane	2500.	5000.	PQL		ND	UG/KG	1000
1,1,2-Trichloroethane	2500.	5000.	PQL		ND	UG/KG	1000
Trichloroethene (TCE)	2000.	5000.	PQL		ND	UG/KG	1000
Trichlorofluoromethane	2500.	5000.	PQL		ND	UG/KG	1000
1,2,3-Trichloropropane	2500.	5000.	PQL		ND	UG/KG	1000
Vinyl chloride	2500.	5000.	PQL		ND	UG/KG	1000
Bromobenzene	2500.	5000.	PQL		ND	UG/KG	1000
n-Butylbenzene	3000.	5000.	PQL		46300.	UG/KG	1000
sec-Butylbenzene	3000.	5000.	PQL		8370.	UG/KG	1000
tert-Butylbenzene	3000.	5000.	PQL		ND	UG/KG	1000
2-Chlorotoluene	3000.	5000.	PQL		ND	UG/KG	1000
4-Chlorotoluene	3000.	5000.	PQL		ND	UG/KG	1000
cis-1,2-Dichloroethene	2500.	5000.	PQL		ND	UG/KG	1000
1,3-Dichloropropane	2500.	5000.	PQL		ND	UG/KG	1000
Methyl-tert-butyl ether (MTBE)	2000.	5000.	PQL		ND	UG/KG	1000
n-Propylbenzene	2500.	5000.	PQL		73400.	UG/KG	1000
1,2,3-Trichlorobenzene	2500.	5000.	PQL		ND	UG/KG	1000
1,2,4-Trimethylbenzene	5000.	****.	PQL		458000.	UG/KG	2000
1,3,5-Trimethylbenzene	2500.	5000.	PQL		135000.	UG/KG	1000
Di-isopropyl ether (DIPE)	2000.	5000.	PQL		ND	UG/KG	1000
Ethyl tert-butyl ether (ETBE)	2000.	5000.	PQL		ND	UG/KG	1000
tert-Amyl methyl ether (TAME)	2000.	5000.	PQL		ND	UG/KG	1000
tert-Butyl alcohol (TBA)	****.	****.	PQL		ND	UG/KG	1000
Xylenes	2000.	5000.	PQL		620000.	UG/KG	1000
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		74-121	SLSA		106%		1

Approved by: William H Potts Date: 8/17/05

Project Name:	200 MORRIS STREET	Analysis:	Volatile Organic Compounds by GC/MS
Project No:	780	Method:	SW8260B
		Prep Meth:	SW5035

Field ID:	MW-22-5	Lab Samp ID:	4600-3
Descr/Location:	MW-22-5	Rec'd Date:	07/14/2005
Sample Date:	07/13/2005	Prep Date:	07/20/2005
Sample Time:	1418	Analysis Date:	07/20/2005
Matrix:	Soil	QC Batch:	20050720
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
SURROGATE AND INTERNAL STANDARD RECOVERIES:						
Toluene-d8		81-117	SLSA	96%		1
Dibromofluoromethane		80-120	SLSA	96%		1

Approved by: William H Patty Date: 8/17/05

QA/QC Report
Method Blank Summary

Bace Analytical, Windsor, CA

Lab Report No.: 4600 Date: 08/17/2005

QC Batch:	20050720	Analysis:	Total Petroleum Hydrocarbons (TPH) by
Matrix:	Soil	Method:	8260TPH
Lab Samp ID:	4600MB	Prep Meth:	SW5035
Analysis Date:	07/20/2005	Prep Date:	07/20/2005
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	0.5	1.0	PQL		ND	MG/KG	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		74-121	SLSA		106%		1

QA/QC Report
Method Blank Summary

Bace Analytical, Windsor, CA

Lab Report No.: 4600 Date: 08/17/2005

QC Batch:	20050720	Analysis:	Volatile Organic Compounds by GC/MS
Matrix:	Soil	Method:	SW8260B
Lab Samp ID:	4600MB	Prep Meth:	SW5035
Analysis Date:	07/20/2005	Prep Date:	07/20/2005
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Benzene	2.0	5.0	PQL		ND	UG/KG	1
Chlorotoluene	2.0	5.0	PQL		ND	UG/KG	1
Bromochloromethane	1.8	5.0	PQL		ND	UG/KG	1
Bromodichloromethane	1.9	5.0	PQL		ND	UG/KG	1
Bromoform	1.9	5.0	PQL		ND	UG/KG	1
Bromomethane	1.9	5.0	PQL		ND	UG/KG	1
Carbon tetrachloride	1.6	5.0	PQL		ND	UG/KG	1
Chlorobenzene	1.6	5.0	PQL		ND	UG/KG	1
Dibromochloromethane	1.8	5.0	PQL		ND	UG/KG	1
Chloroethane	1.8	5.0	PQL		ND	UG/KG	1
Chloroform	1.5	5.0	PQL		ND	UG/KG	1
Chloromethane	1.5	5.0	PQL		ND	UG/KG	1
1,2-Dibromo-3-chloropropane	5.0	10.	PQL		ND	UG/KG	1
1,2-Dibromoethane	2.5	5.0	PQL		ND	UG/KG	1
Dibromomethane	2.0	5.0	PQL		ND	UG/KG	1
1,2-Dichlorobenzene	2.0	5.0	PQL		ND	UG/KG	1
1,3-Dichlorobenzene	2.0	5.0	PQL		ND	UG/KG	1
1,4-Dichlorobenzene	2.0	5.0	PQL		ND	UG/KG	1
Dichlorodifluoromethane	2.0	5.0	PQL		ND	UG/KG	1
1,1-Dichloroethane	2.0	5.0	PQL		ND	UG/KG	1
1,2-Dichloroethane	2.5	5.0	PQL		ND	UG/KG	1
1,1-Dichloroethene	2.5	5.0	PQL		ND	UG/KG	1
trans-1,2-Dichloroethene	2.5	5.0	PQL		ND	UG/KG	1
1,2-Dichloropropane	2.5	5.0	PQL		ND	UG/KG	1
Ethylbenzene	2.0	5.0	PQL		ND	UG/KG	1
Hexachlorobutadiene	3.0	10.	PQL		ND	UG/KG	1
Isopropylbenzene	2.5	5.0	PQL		ND	UG/KG	1
Methylene chloride	2.0	5.0	PQL		ND	UG/KG	1
Naphthalene	4.0	10.	PQL		ND	UG/KG	1
Styrene	2.5	5.0	PQL		ND	UG/KG	1

QA/QC Report
Method Blank Summary

Bace Analytical, Windsor, CA

Lab Report No.: 4600 Date: 08/17/2005

QC Batch:	20050720	Analysis:	Volatile Organic Compounds by GC/MS
Matrix:	Soil	Method:	SW8260B
Lab Samp ID:	4600MB	Prep Meth:	SW5035
Analysis Date:	07/20/2005	Prep Date:	07/20/2005
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc	Dil
1,1,1,2-Tetrachloroethane	2.0	5.0	PQL		ND	UG/KG		1
1,1,2,2-Tetrachloroethane	2.0	5.0	PQL		ND	UG/KG		1
Tetrachloroethene (PCE)	2.0	5.0	PQL		ND	UG/KG		1
Toluene	2.0	5.0	PQL		ND	UG/KG		1
1,2,4-Trichlorobenzene	2.5	5.0	PQL		ND	UG/KG		1
1,1,1-Trichloroethane	2.5	5.0	PQL		ND	UG/KG		1
1,1,2-Trichloroethane	2.5	5.0	PQL		ND	UG/KG		1
Trichloroethene (TCE)	2.0	5.0	PQL		ND	UG/KG		1
Trichlorofluoromethane	2.5	5.0	PQL		ND	UG/KG		1
1,2,3-Trichloropropane	2.5	5.0	PQL		ND	UG/KG		1
Vinyl chloride	2.5	5.0	PQL		ND	UG/KG		1
Bromobenzene	2.5	5.0	PQL		ND	UG/KG		1
n-Butylbenzene	3.0	5.0	PQL		ND	UG/KG		1
sec-Butylbenzene	3.0	5.0	PQL		ND	UG/KG		1
tert-Butylbenzene	3.0	5.0	PQL		ND	UG/KG		1
2-Chlorotoluene	3.0	5.0	PQL		ND	UG/KG		1
4-Chlorotoluene	3.0	5.0	PQL		ND	UG/KG		1
cis-1,2-Dichloroethene	2.5	5.0	PQL		ND	UG/KG		1
1,3-Dichloropropane	2.5	5.0	PQL		ND	UG/KG		1
Methyl-tert-butyl ether (MTBE)	2.0	5.0	PQL		ND	UG/KG		1
n-Propylbenzene	2.5	5.0	PQL		ND	UG/KG		1
1,2,3-Trichlorobenzene	2.5	5.0	PQL		ND	UG/KG		1
1,2,4-Trimethylbenzene	2.5	5.0	PQL		ND	UG/KG		1
1,3,5-Trimethylbenzene	2.5	5.0	PQL		ND	UG/KG		1
Di-isopropyl ether (DIPE)	2.0	5.0	PQL		ND	UG/KG		1
Ethyl tert-butyl ether (ETBE)	2.0	5.0	PQL		ND	UG/KG		1
tert-Amyl methyl ether (TAME)	2.0	5.0	PQL		ND	UG/KG		1
tert-Butyl alcohol (TBA)	20.	50.	PQL		ND	UG/KG		1
Xylenes	2.0	5.0	PQL		ND	UG/KG		1
SURROGATE AND INTERNAL STANDARD RECOVERIES:								
4-Bromofluorobenzene		74-121	SLSA		106%			1

QA/QC Report
Method Blank Summary

Bace Analytical, Windsor, CA

QC Batch:	20050720	Analysis:	Volatile Organic Compounds by GC/MS
Matrix:	Soil	Method:	SW8260B
Lab Samp ID:	4600MB	Prep Meth:	SW5035
Analysis Date:	07/20/2005	Prep Date:	07/20/2005
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
SURROGATE AND INTERNAL STANDARD RECOVERIES:						
Toluene-d8		81-117	SLSA	110%		1
Dibromofluoromethane		80-120	SLSA	106%		1

QA/QC Report
Matrix Spike/Duplicate Matrix Spike Summary

Bace Analytical, Windsor, CA

Lab Report No.: 4600 Date: 08/17/2005

QC Batch: 20050720
Matrix: Soil
Lab Samp ID: 4600MS
Basis: Wet

Project Name: Lab Generated or Non COE Sample
Project No.: Lab Generated or Non COE Sample
Field ID: Lab Generated or Non COE Sample
Lab Ref ID: 4598-1

Analyte	Analysis Method	Spike Level MS	Spike Level DMS	Sample Result	Spike Result MS	Spike Result DMS	Units		% Recoveries MS	% Recoveries DMS	% Recoveries RPD	Acceptance Criteria % Rec		Acceptance Criteria RPD
Gasoline Range Organics (C5-C12)	8260TPH	2.5	2.5	ND	1.9	2.2	MG/KG	ww	76.0	88.0	15	135-65	MSA	20MSP
1,1-Dichloroethene	SW8260B	25.0	25.0	ND	25.8	28.9	UG/KG	ww	103	116	12	140-59	MSA	20MSP
Benzene	SW8260B	25.0	25.0	ND	24.5	25.2	UG/KG	ww	98.0	101	3.0	142-66	MSA	20MSP
Chlorobenzene	SW8260B	25.0	25.0	ND	25.5	28.9	UG/KG	ww	102	116	13	130-70	MSA	20MSP
Toluene	SW8260B	25.0	25.0	ND	25.1	28.5	UG/KG	ww	100	114	13	139-60	MSA	20MSP
Trichloroethene (TCE)	SW8260B	25.0	25.0	ND	23.8	25.8	UG/KG	ww	95.2	103	7.9	130-70	MSA	20MSP
4-Bromofluorobenzene	8260TPH	100.	100.	100.	102.	106.	PERCENT	ww	102	106	3.8	121-74	SLSA	20SLSP
4-Bromofluorobenzene	SW8260B	100.	100.	100.	101.	106.	PERCENT	ww	101	106	4.8	121-74	SLSA	20SLSP
Dibromofluoromethane	SW8260B	100.	100.	89.	96.	97.	PERCENT	ww	96.0	97.0	1.0	120-80	SLSA	20SLSP
Toluene-d8	SW8260B	100.	100.	106.	107.	109.	PERCENT	ww	107	109	1.9	117-81	SLSA	20SLSP

Chain-of Custody Form

Project # 780

Project Name: Barlow 200 Morris St.

L.P. No.

Sampler's Signature:

C.O.C. No. 11784

Remarks: 780.020

Date Sampled	Sample I.D.	Time (24 Hour)	Sample Type	No. of Containers	TPH gas	8260 full list										Remarks
7/12/05	mw-21-15 ✓	11:33	Soil	4												HOLD
	mw-21-20 ✓	11:45		4												HOLD
	mw-21-25 ✓	11:50		4	X	X										4600-1
	mw-21-30 ✓	12:00		4	X	X										-2
7/13/05	mw-22-5 ✓	14:18		1	X	X										-3
	mw-22-10 ✓	14:25		1	X	X										-4
	mw-22-15 ✓	14:30		1	X	X										-5
	mw-22-20 ✓	14:36		4	X	X										-6
	mw-22-25 ✓	14:45		4	X	X										-7

Laboratory: BAFS

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

Relinquished by: (signed)	Date/Time	Received by: (signed)	Remarks:
	7/14/05 13:10	7/14/05 12:13	Result to DEC Normal TAT
Relinquished by: (signed)	Date/Time	Received by: (signed)	
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:	4504
Project Name:	200 MORRIS STREET
Work Order Number:	780
Control Sheet Number:	NA

FILE COPY

Report Summary

Labreport	Sampid	Labsampid	Mtrx	QC	Anmcode	Exmcode	Logdate	Extdate	Anadate	Lablotctl	Run	Sub
4504	SSP1-4-COMP	4504-1	SO	CS	8260FAB	SW5035	12/23/2004	12/28/2004	12/28/2004	20041228A	30	
4504	SSP1-4-COMP	4504-1	SO	CS	8260TPH	SW5035	12/23/2004	12/28/2004	12/28/2004	20041228A	30	
		4501-1	SO	NC	8260FAB	SW5035	/ /	12/28/2004	12/28/2004	20041228A	6	
		4501-1	SO	NC	8260TPH	SW5035	/ /	12/28/2004	12/28/2004	20041228A	6	
		4504MB	SO	LB1	8260FAB	SW5035	/ /	12/28/2004	12/28/2004	20041228A	1	
		4504MB	SO	LB1	8260TPH	SW5035	/ /	12/28/2004	12/28/2004	20041228A	1	
		4504MS	SO	MS1	8260FAB	SW5035	/ /	12/28/2004	12/28/2004	20041228A	7	
		4504MS	SO	MS1	8260TPH	SW5035	/ /	12/28/2004	12/28/2004	20041228A	9	
		4504SD	SO	SD1	8260FAB	SW5035	/ /	12/28/2004	12/28/2004	20041228A	8	
		4504SD	SO	SD1	8260TPH	SW5035	/ /	12/28/2004	12/28/2004	20041228A	10	

Bace Analytical, Windsor, CA

Lab Report No.: 4504 Date: 03/12/2005

Project Name:	200 MORRIS STREET	Analysis:	VOCs by GC/MS Fuel Additives Plus BTEX
Project No:	780	Method:	8260FAB
		Prep Meth:	SW5035

Field ID:	SSP1-4-COMP	Lab Samp ID:	4504-1
Descr/Location:	SSP1-4-COM	Rec'd Date:	12/23/2004
Sample Date:	12/23/2004	Prep Date:	12/28/2004
Sample Time:	1300	Analysis Date:	12/28/2004
Matrix:	Soil	QC Batch:	20041228A
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Methyl-tert-butyl ether (MTBE)	2.0	5.0	PQL		ND	UG/KG	1
Ethyl tert-butyl ether (ETBE)	2.0	5.0	PQL		ND	UG/KG	1
tert-Amyl methyl ether (TAME)	2.0	5.0	PQL		ND	UG/KG	1
Di-isopropyl ether (DIPE)	2.0	5.0	PQL		ND	UG/KG	1
tert-Butyl alcohol (TBA)	20.	50.	PQL		ND	UG/KG	1
1,2-Dichloroethane	2.5	5.0	PQL		ND	UG/KG	1
1,2-Dibromoethane	2.5	5.0	PQL		ND	UG/KG	1
Benzene	2.0	5.0	PQL		ND	UG/KG	1
Toluene	2.0	5.0	PQL		ND	UG/KG	1
Ethylbenzene	2.0	5.0	PQL		ND	UG/KG	1
Xylenes	2.0	5.0	PQL		ND	UG/KG	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		74-121	SLSA		97%		1
Toluene-d8		81-117	SLSA		102%		1
Dibromofluoromethane		80-120	SLSA		102%		1

Approved by: William H Potts Date: 3/12/05

Lab Report No.: 4504 Date: 03/12/2005

Project Name:	200 MORRIS STREET	Analysis:	Total Petroleum Hydrocarbons (TPH) by GC/MS
Project No:	780	Method:	8260TPH
		Prep Meth:	SW5035

Field ID:	SSP1-4-COMP	Lab Samp ID:	4504-1
Descr/Location:	SSP1-4-COM	Rec'd Date:	12/23/2004
Sample Date:	12/23/2004	Prep Date:	12/28/2004
Sample Time:	1300	Analysis Date:	12/28/2004
Matrix:	Soil	QC Batch:	20041228A
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	0.5	1.0	PQL		ND	MG/KG	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		74-121	SLSA		97%		1

Approved by: William M Roth Date: 3/12/05

QA/QC Report
Method Blank Summary

Bace Analytical, Windsor, CA

Lab Report No.: 4504 Date: 03/12/2005

QC Batch:	20041228A	Analysis:	VOCs by GC/MS Fuel Additives Plus BTEX
Matrix:	Soil	Method:	8260FAB
Lab Samp ID:	4504MB	Prep Meth:	SW5035
Analysis Date:	12/28/2004	Prep Date:	12/28/2004
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Methyl-tert-butyl ether (MTBE)	2.0	5.0	PQL		ND	UG/KG	1
Ethyl tert-butyl ether (ETBE)	2.0	5.0	PQL		ND	UG/KG	1
tert-Amyl methyl ether (TAME)	2.0	5.0	PQL		ND	UG/KG	1
Di-isopropyl ether (DIPE)	2.0	5.0	PQL		ND	UG/KG	1
tert-Butyl alcohol (TBA)	20.	50.	PQL		ND	UG/KG	1
1,2-Dichloroethane	2.5	5.0	PQL		ND	UG/KG	1
1,2-Dibromoethane	2.5	5.0	PQL		ND	UG/KG	1
Benzene	2.0	5.0	PQL		ND	UG/KG	1
Toluene	2.0	5.0	PQL		ND	UG/KG	1
Ethylbenzene	2.0	5.0	PQL		ND	UG/KG	1
Xylenes	2.0	5.0	PQL		ND	UG/KG	1

SURROGATE AND INTERNAL STANDARD RECOVERIES:

4-Bromofluorobenzene	74-121	SLSA	100%	1
Toluene-d8	81-117	SLSA	106%	1
Dibromofluoromethane	80-120	SLSA	103%	1

QA/QC Report
Method Blank Summary

Bace Analytical, Windsor, CA

Lab Report No.: 4504 Date: 03/12/2005

QC Batch:	20041228A	Analysis:	Total Petroleum Hydrocarbons (TPH) by
Matrix:	Soil	Method:	8260TPH
Lab Samp ID:	4504MB	Prep Meth:	SW5035
Analysis Date:	12/28/2004	Prep Date:	12/28/2004
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	0.5	1.0	PQL		ND	MG/KG	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		74-121	SLSA		100%		1

QA/QC Report
Matrix Spike/Duplicate Matrix Spike Summary

Bace Analytical, Windsor, CA

Lab Report No.: 4504 Date: 03/12/2005

QC Batch: 20041228A
Matrix: Soil
Lab Samp ID: 4504MS
Basis: Wet

Project Name: Lab Generated or Non COE Sample
Project No.: Lab Generated or Non COE Sample
Field ID: Lab Generated or Non COE Sample
Lab Ref ID: 4501-1

Analyte	Analysis Method	Spike Level MS	Spike Level DMS	Sample Result	Spike Result MS	Spike Result DMS	Units	% Recoveries MS	% Recoveries DMS	% Recoveries RPD	Acceptance Criteria % Rec		Acceptance Criteria RPD
1,2-Dibromoethane	8260FAB	25.0	25.0	ND	19.1	20.3	UG/KG ww	76.4	81.2	6.1	135-65	MSA	20MSP
1,2-Dichloroethane	8260FAB	25.0	25.0	ND	20.2	19.5	UG/KG ww	80.8	78.0	3.5	135-65	MSA	20MSP
Benzene	8260FAB	25.0	25.0	ND	20.7	19.9	UG/KG ww	82.8	79.6	3.9	142-66	MSA	20MSP
Di-isopropyl ether (DIPE)	8260FAB	25.0	25.0	ND	22.3	22.1	UG/KG ww	89.2	88.4	0.90	135-65	MSA	20MSP
Ethyl tert-butyl ether (ETBE)	8260FAB	25.0	25.0	ND	22.6	22.9	UG/KG ww	90.4	91.6	1.3	135-65	MSA	20MSP
Ethylbenzene	8260FAB	25.0	25.0	ND	26.3	25.4	UG/KG ww	94.8	91.2	3.9	135-65	MSA	20MSP
Methyl-tert-butyl ether (MTBE)	8260FAB	25.0	25.0	ND	23.2	23.6	UG/KG ww	92.8	94.4	1.7	135-65	MSA	20MSP
Toluene	8260FAB	25.	25.	ND	22.9	22.2	UG/KG ww	74.4	71.6	3.8	139-60	MSA	20MSP
Xylenes	8260FAB	75.1	75.1	7.93	77.9	75.0	UG/KG ww	93.2	89.3	4.3	135-65	MSA	20MSP
tert-Amyl methyl ether (TAME)	8260FAB	25.0	25.0	ND	23.1	23.0	UG/KG ww	92.4	92.0	0.43	135-65	MSA	20MSP
tert-Butyl alcohol (TBA)	8260FAB	125.	125.	ND	124.	117.	UG/KG ww	99.2	93.6	5.8	140-60	MSA	25MSP
Gasoline Range Organics (C5-C12)	8260TPH	3.0	3.0	ND	2.6	2.7	MG/KG ww	86.7	90.0	3.7	135-65	MSA	20MSP
4-Bromofluorobenzene	8260FAB	100.	100.	89.	100.	101.	PERCENT ww	100	101	1.0	121-74	SLSA	20SLSP
Dibromofluoromethane	8260FAB	100.	100.	101.	103.	100.	PERCENT ww	103	100	3.0	120-80	SLSA	20SLSP
Toluene-d8	8260FAB	100.	100.	108.	102.	101.	PERCENT ww	102	101	0.99	117-81	SLSA	20SLSP
4-Bromofluorobenzene	8260TPH	100.	100.	89.	97.	99.	PERCENT ww	97.0	99.0	2.0	121-74	SLSA	20SLSP

Chain-of Custody Form

Project #	Project Name				Analysis												C.O.C. No. 11627
780	200 Morris St																
L.P. No.	Sampler's Signature			No. of Con-tainers	TPHg	MBTEX, ot Pb Scan 8260	Total Pb										Remarks: BG 003
Date Sampled	Sample I.D.	Time (24 Hour)	Sample Type														
12/23/04	SSP-1	13:00	Soil	1	X	X	X										4504-1
	SSP-2	13:01	↓	1													-2
	SSP-3	13:02	↓	1				composite									4504-1 -3
	SSP-4	13:03	↓	1				Sample									comp of -4
								in lab									4

Laboratory: BAFS

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

Relinquished by: (signed)	Date/Time	Received by: (signed)	Remarks:
[signature]	12/23/04 15:10	[signature] 12/23/04 15:13	Results to NEC Normal TAT
Relinquished by: (signed)	Date/Time	Received by: (signed) [signature]	
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

780

Alpha Analytical Laboratories Inc.
208 Mason St. Ukiah, California 95482
e-mail: clientservices@alpha-labs.com • Phone: (707) 468-0401 • Fax: (707) 468-5267

17 March 2005

Brunsing Associates, Inc
Attn: Dave Conley
P.O. Box 588
Windsor, CA 95492
RE: Barlow 200 Morris St.
Work Order: A503466

Enclosed are the results of analyses for samples received by the laboratory on 03/15/05 11:45. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Nena M. Burgess For Sheri L. Speaks
Project Manager

Alpha Analytical Laboratories Inc.
208 Mason St. Ukiah, California 95482
e-mail: clientservices@alpha-labs.com • Phone: (707) 468-0401 • Fax: (707) 468-5267

CHEMICAL EXAMINATION REPORT

Brunsing Associates, Inc
P.O. Box 588
Windsor, CA 95492
Attn: Dave Conley

Report Date: 03/17/05 15:06
Project No: W780
Project ID: Barlow 200 Morris St.

Order Number	Receipt Date/Time	Client Code	Client PO/Reference
A503466	03/15/2005 11:45	BRUNS	

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SSP-1	A503466-01	Soil	12/23/04 13:00	03/15/05 11:45

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Nena M. Burgess For Sheri L. Speaks
Project Manager

3/17/2005

Alpha Analytical Laboratories Inc.
208 Mason St. Ukiah, California 95482
e-mail: clientservices@alpha-labs.com • Phone: (707) 468-0401 • Fax: (707) 468-5267

CHEMICAL EXAMINATION REPORT

Brunsing Associates, Inc
P.O. Box 588
Windsor, CA 95492
Attn: Dave Conley

Report Date: 03/17/05 15:06
Project No: W780
Project ID: Barlow 200 Morris St.

Order Number	Receipt Date/Time	Client Code	Client PO/Reference
A503466	03/15/2005 11:45	BRUNS	

Alpha Analytical Laboratories, Inc.

	METHOD	BATCH	PREPARED	ANALYZED	DILUTION	RESULT	PQL	NOTE
SSP-1 (A503466-01)			**Sample Type: Soil**			**Sampled: 12/23/04 13:00**		
Metals by EPA 6000/7000 Series Methods								
Lead	EPA 6010	AC51515	03/15/05	03/16/05	1	ND mg/kg	5.0	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Nena M. Burgess For Sheri L. Speaks
Project Manager

3/17/2005

Alpha Analytical Laboratories Inc.
208 Mason St. Ukiah, California 95482
e-mail: clientservices@alpha-labs.com • Phone: (707) 468-0401 • Fax: (707) 468-5267

CHEMICAL EXAMINATION REPORT

Brunsing Associates, Inc
P.O. Box 588
Windsor, CA 95492
Attn: Dave Conley

Report Date: 03/17/05 15:06
Project No: W780
Project ID: Barlow 200 Morris St.

Order Number	Receipt Date/Time	Client Code	Client PO/Reference
A503466	03/15/2005 11:45	BRUNS	

Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte(s)	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch AC51515 - EPA 3051 Microwave										
Blank (AC51515-BLK1)				Prepared: 03/15/05	Analyzed: 03/16/05					
Lead	ND	5.0	mg/kg							
LCS (AC51515-BS1)				Prepared: 03/15/05	Analyzed: 03/16/05					
Lead	20.4	5.0	mg/kg	20.0		102	85-115			
LCS Dup (AC51515-BSD1)				Prepared: 03/15/05	Analyzed: 03/16/05					
Lead	20.0	5.0	mg/kg	20.0		100	85-115	1.98	20	
Duplicate (AC51515-DUP1)		**Source: A503443-01**		Prepared: 03/15/05	Analyzed: 03/16/05					
Lead	ND	5.0	mg/kg		17			128	20	QM-04
Matrix Spike (AC51515-MS1)		**Source: A503443-01**		Prepared: 03/15/05	Analyzed: 03/16/05					
Lead	22.6	5.0	mg/kg	20.0	17	28.0	70-130			QM-04
Matrix Spike Dup (AC51515-MSD1)		**Source: A503443-01**		Prepared: 03/15/05	Analyzed: 03/16/05					
Lead	23.3	5.0	mg/kg	20.0	17	31.5	70-130	3.05	20	QM-04

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Nena M. Burgess For Sheri L. Speaks
Project Manager

3/17/2005

Alpha Analytical Laboratories Inc.
208 Mason St. Ukiah, California 95482
e-mail: clientservices@alpha-labs.com • Phone: (707) 468-0401 • Fax: (707) 468-5267

CHEMICAL EXAMINATION REPORT

Brunsing Associates, Inc
P.O. Box 588
Windsor, CA 95492
Attn: Dave Conley

Report Date: 03/17/05 15:06
Project No: W780
Project ID: Barlow 200 Morris St.

Order Number	Receipt Date/Time	Client Code	Client PO/Reference
A503466	03/15/2005 11:45	BRUNS	

Notes and Definitions

QM-04 High RPD and/or poor percent recovery may reflect sample non-homogeneity.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

PQL Practical Quantitation Limit

Chain-of Custody Form

Project #	Project Name			No. of Containers	Analysis												C.O.C. No. 11984
W780	200 Morris St.																
L.P. No.	Sampler's Signature: Dave Conley																Remarks: BG003 48 hour TAT
Date Sampled	Sample I.D.	Time (24 Hour)	Sample Type		Total Pb												
12/03/04	SSP-1	13:00	S	4	X												A503466-1
																	Comp 4:1 per
																	Dave Conley
																	3-15-05 SS

Laboratory: Alpha

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

Relinquished by: (signed)	Date/Time	Received by: (signed)	Remarks:
[signature] 3/15/05 959		[signature] 3/15/05 10:00	Results to Dave Conley
[signature] 3/15/05 10:00	3/15/05 1001	[signature]	
[signature]	3/15/05 1145	Received for Laboratory by: (signed) Sheri Speck	

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

APPENDIX F

Analytical Laboratory Report for Groundwater Samples

Laboratory Report Project Overview

EDF 1.2a

Laboratory:	Bace Analytical, Windsor, CA
Lab Report Number:	4620
Project Name:	200 MORRIS STREET
Work Order Number:	780
Control Sheet Number:	NA

Report Summary

Labreport	Sampid	Labsampid	Mtrx	QC	Anmcode	Exmcode	Logdate	Extdate	Anadate	Lablotctl	Run Sub
4620	H19W40	4620-1	WG	CS	8260TPH	SW5030B	08/08/2005	08/16/2005	08/16/2005	20050816	20
4620	H19W40	4620-1	WG	CS	SW8260B	SW5030B	08/08/2005	08/16/2005	08/16/2005	20050816	20
4620	H19W56	4620-2	WG	CS	8260TPH	SW5030B	08/08/2005	08/16/2005	08/16/2005	20050816	21
4620	H19W56	4620-2	WG	CS	SW8260B	SW5030B	08/08/2005	08/16/2005	08/16/2005	20050816	21
4620	H20W40	4620-3	WG	CS	8260TPH	SW5030B	08/09/2005	08/16/2005	08/16/2005	20050816	22
4620	H20W40	4620-3	WG	CS	SW8260B	SW5030B	08/09/2005	08/16/2005	08/16/2005	20050816	22
4620	H20W57	4620-4	WG	CS	8260TPH	SW5030B	08/09/2005	08/16/2005	08/16/2005	20050816	23
4620	H20W57	4620-4	WG	CS	SW8260B	SW5030B	08/09/2005	08/16/2005	08/16/2005	20050816	23
		4623-1	WG	NC	SW8260B	SW5030B	/ /	08/16/2005	08/16/2005	20050816	9
		4623-2	WG	NC	8260TPH	SW5030B	/ /	08/16/2005	08/16/2005	20050816	12
		4620MB	WG	LB1	8260TPH	SW5030B	/ /	08/16/2005	08/16/2005	20050816	3
		4620MB	WG	LB1	SW8260B	SW5030B	/ /	08/16/2005	08/16/2005	20050816	3
		4620MS	WG	MS1	8260TPH	SW5030B	/ /	08/16/2005	08/16/2005	20050816	13
		4620MS	WG	MS1	SW8260B	SW5030B	/ /	08/16/2005	08/16/2005	20050816	10
		4620SD	WG	SD1	8260TPH	SW5030B	/ /	08/16/2005	08/16/2005	20050816	14
		4620SD	WG	SD1	SW8260B	SW5030B	/ /	08/14/2005	08/14/2005	20050816	12

Bace Analytical, Windsor, CA

Lab Report No.: 4620 Date: 09/14/2005

Project Name:	200 MORRIS STREET	Analysis:	Total Petroleum Hydrocarbons (TPH) by GC/MS
Project No:	780	Method:	8260TPH
		Prep Meth:	SW5030B

Field ID:	H19W40	Lab Samp ID:	4620-1
Descr/Location:	H19W40	Rec'd Date:	08/10/2005
Sample Date:	08/08/2005	Prep Date:	08/16/2005
Sample Time:	1025	Analysis Date:	08/16/2005
Matrix:	Groundwater	QC Batch:	20050816
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	0.040	0.050	PQL		ND	MG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		80-120	SLSA		95%		1

Approved by: William H Patty Date: 9/15/05

Bace Analytical, Windsor, CA

Lab Report No.: 4620 Date: 09/14/2005

Project Name:	200 MORRIS STREET	Analysis:	Total Petroleum Hydrocarbons (TPH) by GC/MS
Project No:	780	Method:	8260TPH
		Prep Meth:	SW5030B

Field ID:	H19W56	Lab Samp ID:	4620-2
Descr/Location:	H19W56	Rec'd Date:	08/10/2005
Sample Date:	08/08/2005	Prep Date:	08/16/2005
Sample Time:	1230	Analysis Date:	08/16/2005
Matrix:	Groundwater	QC Batch:	20050816
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	0.040	0.050	PQL		ND	MG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		80-120	SLSA		95%		1

Approved by: William R Roth Date: 9/15/05

Lab Report No.: 4620 Date: 09/14/2005

Project Name:	200 MORRIS STREET	Analysis:	Total Petroleum Hydrocarbons (TPH) by GC/MS
Project No:	780	Method:	8260TPH
		Prep Meth:	SW5030B

Field ID:	H20W40	Lab Samp ID:	4620-3
Descr/Location:	H20W40	Rec'd Date:	08/10/2005
Sample Date:	08/09/2005	Prep Date:	08/16/2005
Sample Time:	1020	Analysis Date:	08/16/2005
Matrix:	Groundwater	QC Batch:	20050816
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	0.040	0.050	PQL		ND	MG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		80-120	SLSA		96%		1

Approved by: William H Potts Date: 9/15/05

Bace Analytical, Windsor, CA

Lab Report No.: 4620 Date: 09/14/2005

Project Name:	200 MORRIS STREET	Analysis:	Total Petroleum Hydrocarbons (TPH) by GC/MS
Project No:	780	Method:	8260TPH
		Prep Meth:	SW5030B

Field ID:	H20W57	Lab Samp ID:	4620-4
Descr/Location:	H20W57	Rec'd Date:	08/10/2005
Sample Date:	08/09/2005	Prep Date:	08/16/2005
Sample Time:	1210	Analysis Date:	08/16/2005
Matrix:	Groundwater	QC Batch:	20050816
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	0.040	0.050	PQL		ND	MG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		80-120	SLSA		95%		1

Approved by: William H Roth Date: 9/15/05

Project Name:	200 MORRIS STREET	Analysis:	Volatile Organic Compounds by GC/MS
Project No:	780	Method:	SW8260B
		Prep Meth:	SW5030B

Field ID:	H19W40	Lab Samp ID:	4620-1
Descr/Location:	H19W40	Rec'd Date:	08/10/2005
Sample Date:	08/08/2005	Prep Date:	08/16/2005
Sample Time:	1025	Analysis Date:	08/16/2005
Matrix:	Groundwater	QC Batch:	20050816
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Benzene	0.27	0.50	PQL		1.58	UG/L	1
Bromochloromethane	0.43	0.50	PQL		ND	UG/L	1
Bromodichloromethane	0.31	0.50	PQL		ND	UG/L	1
Bromoform	0.40	0.50	PQL		ND	UG/L	1
Bromomethane	0.20	0.50	PQL		ND	UG/L	1
Carbon tetrachloride	0.40	0.50	PQL		ND	UG/L	1
Chlorobenzene	0.30	0.50	PQL		ND	UG/L	1
Dibromochloromethane	0.43	0.50	PQL		ND	UG/L	1
Chloroethane	0.35	0.50	PQL		ND	UG/L	1
Chloroform	0.33	0.50	PQL		ND	UG/L	1
Chloromethane	0.40	0.50	PQL		ND	UG/L	1
1,2-Dibromo-3-chloropropane	0.36	0.50	PQL		ND	UG/L	1
1,2-Dibromoethane	0.41	0.50	PQL		ND	UG/L	1
Dibromomethane	0.31	0.50	PQL		ND	UG/L	1
1,2-Dichlorobenzene	0.43	0.50	PQL		ND	UG/L	1
1,3-Dichlorobenzene	0.48	0.50	PQL		ND	UG/L	1
1,4-Dichlorobenzene	0.40	0.50	PQL		ND	UG/L	1
Dichlorodifluoromethane	0.36	0.50	PQL		ND	UG/L	1
1,1-Dichloroethane	0.27	0.50	PQL		ND	UG/L	1
1,2-Dichloroethane	0.35	0.50	PQL		4.20	UG/L	1
1,1-Dichloroethene	0.36	0.50	PQL		ND	UG/L	1
trans-1,2-Dichloroethene	0.24	0.50	PQL		ND	UG/L	1
1,2-Dichloropropane	0.36	0.50	PQL		ND	UG/L	1
Ethylbenzene	0.24	0.50	PQL		ND	UG/L	1
Hexachlorobutadiene	0.57	1.00	PQL		ND	UG/L	1
Isopropylbenzene	0.43	0.50	PQL		ND	UG/L	1
Methylene chloride	0.22	0.50	PQL		ND	UG/L	1
Naphthalene	0.47	1.00	PQL		ND	UG/L	1
Styrene	0.41	0.50	PQL		ND	UG/L	1
1,1,1,2-Tetrachloroethane	0.38	0.50	PQL		ND	UG/L	1

Approved by: William H Potts Date: 9/15/05

Project Name:	200 MORRIS STREET	Analysis:	Volatile Organic Compounds by GC/MS
Project No:	780	Method:	SW8260B
		Prep Meth:	SW5030B

Field ID:	H19W40	Lab Samp ID:	4620-1
Descr/Location:	H19W40	Rec'd Date:	08/10/2005
Sample Date:	08/08/2005	Prep Date:	08/16/2005
Sample Time:	1025	Analysis Date:	08/16/2005
Matrix:	Groundwater	QC Batch:	20050816
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
1,1,2,2-Tetrachloroethane	0.25	0.50	PQL		ND	UG/L	1
Tetrachloroethene (PCE)	0.32	0.50	PQL		ND	UG/L	1
Toluene	0.40	0.50	PQL		ND	UG/L	1
1,2,4-Trichlorobenzene	0.57	1.00	PQL		ND	UG/L	1
1,1,1-Trichloroethane	0.29	0.50	PQL		ND	UG/L	1
1,1,2-Trichloroethane	0.31	0.50	PQL		ND	UG/L	1
Trichloroethene (TCE)	0.40	0.50	PQL		ND	UG/L	1
1,2,3-Trichloropropane	0.35	0.50	PQL		ND	UG/L	1
Vinyl chloride	0.32	0.50	PQL		ND	UG/L	1
Bromobenzene	0.27	0.50	PQL		ND	UG/L	1
n-Butylbenzene	0.51	1.00	PQL		ND	UG/L	1
sec-Butylbenzene	0.49	1.00	PQL		ND	UG/L	1
tert-Butylbenzene	0.41	1.00	PQL		ND	UG/L	1
2-Chlorotoluene	0.40	0.50	PQL		ND	UG/L	1
4-Chlorotoluene	0.40	0.50	PQL		ND	UG/L	1
cis-1,2-Dichloroethene	0.34	0.50	PQL		ND	UG/L	1
1,3-Dichloropropane	0.34	0.50	PQL		ND	UG/L	1
Methyl-tert-butyl ether (MTBE)	0.38	1.00	PQL		ND	UG/L	1
n-Propylbenzene	0.37	0.50	PQL		ND	UG/L	1
1,2,3-Trichlorobenzene	0.57	1.00	PQL		ND	UG/L	1
1,3,5-Trimethylbenzene	0.42	1.00	PQL		ND	UG/L	1
Di-isopropyl ether (DIPE)	0.37	1.00	PQL		1.00	UG/L	1
Ethyl tert-butyl ether (ETBE)	0.30	1.00	PQL		ND	UG/L	1
tert-Amyl methyl ether (TAME)	0.26	1.00	PQL		ND	UG/L	1
tert-Butyl alcohol (TBA)	2.4	10.	PQL		ND	UG/L	1
1,2,3-Trimethylbenzene	0.60	1.00	PQL		ND	UG/L	1
Xylenes	0.35	0.50	PQL		ND	UG/L	1

SURROGATE AND INTERNAL STANDARD RECOVERIES:

4-Bromofluorobenzene	86-115	SLSA	95%	1
Toluene-d8	88-110	SLSA	101%	1
Dibromofluoromethane	86-118	SLSA	107%	1

Approved by: William H Roth Date: 9/15/05

Lab Report No.: 4620 Date: 09/14/2005

Project Name:	200 MORRIS STREET	Analysis:	Volatile Organic Compounds by GC/MS
Project No:	780	Method:	SW8260B
		Prep Meth:	SW5030B

Field ID:	H19W56	Lab Samp ID:	4620-2
Descr/Location:	H19W56	Rec'd Date:	08/10/2005
Sample Date:	08/08/2005	Prep Date:	08/16/2005
Sample Time:	1230	Analysis Date:	08/16/2005
Matrix:	Groundwater	QC Batch:	20050816
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Benzene	0.27	0.50	PQL		ND	UG/L	1
Bromochloromethane	0.43	0.50	PQL		ND	UG/L	1
Bromodichloromethane	0.31	0.50	PQL		ND	UG/L	1
Bromoform	0.40	0.50	PQL		ND	UG/L	1
Bromomethane	0.20	0.50	PQL		ND	UG/L	1
Carbon tetrachloride	0.40	0.50	PQL		ND	UG/L	1
Chlorobenzene	0.30	0.50	PQL		ND	UG/L	1
Dibromochloromethane	0.43	0.50	PQL		ND	UG/L	1
Chloroethane	0.35	0.50	PQL		ND	UG/L	1
Chloroform	0.33	0.50	PQL		ND	UG/L	1
Chloromethane	0.40	0.50	PQL		ND	UG/L	1
1,2-Dibromo-3-chloropropane	0.36	0.50	PQL		ND	UG/L	1
1,2-Dibromoethane	0.41	0.50	PQL		ND	UG/L	1
Dibromomethane	0.31	0.50	PQL		ND	UG/L	1
1,2-Dichlorobenzene	0.43	0.50	PQL		ND	UG/L	1
1,3-Dichlorobenzene	0.48	0.50	PQL		ND	UG/L	1
1,4-Dichlorobenzene	0.40	0.50	PQL		ND	UG/L	1
Dichlorodifluoromethane	0.36	0.50	PQL		ND	UG/L	1
1,1-Dichloroethane	0.27	0.50	PQL		ND	UG/L	1
1,2-Dichloroethane	0.35	0.50	PQL		17.4	UG/L	1
1,1-Dichloroethene	0.36	0.50	PQL		ND	UG/L	1
trans-1,2-Dichloroethene	0.24	0.50	PQL		ND	UG/L	1
1,2-Dichloropropane	0.36	0.50	PQL		ND	UG/L	1
Ethylbenzene	0.24	0.50	PQL		ND	UG/L	1
Hexachlorobutadiene	0.57	1.00	PQL		ND	UG/L	1
Isopropylbenzene	0.43	0.50	PQL		ND	UG/L	1
Methylene chloride	0.22	0.50	PQL		ND	UG/L	1
Naphthalene	0.47	1.00	PQL		ND	UG/L	1
Styrene	0.41	0.50	PQL		ND	UG/L	1
1,1,1,2-Tetrachloroethane	0.38	0.50	PQL		ND	UG/L	1

Approved by: William H Patty Date: 9/15/05

Project Name:	200 MORRIS STREET	Analysis:	Volatile Organic Compounds by GC/MS
Project No:	780	Method:	SW8260B
		Prep Meth:	SW5030B

Field ID:	H19W56	Lab Samp ID:	4620-2
Descr/Location:	H19W56	Rec'd Date:	08/10/2005
Sample Date:	08/08/2005	Prep Date:	08/16/2005
Sample Time:	1230	Analysis Date:	08/16/2005
Matrix:	Groundwater	QC Batch:	20050816
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
1,1,2,2-Tetrachloroethane	0.25	0.50	PQL		ND	UG/L	1
Tetrachloroethene (PCE)	0.32	0.50	PQL		ND	UG/L	1
Toluene	0.40	0.50	PQL		ND	UG/L	1
1,2,4-Trichlorobenzene	0.57	1.00	PQL		ND	UG/L	1
1,1,1-Trichloroethane	0.29	0.50	PQL		ND	UG/L	1
1,1,2-Trichloroethane	0.31	0.50	PQL		ND	UG/L	1
Trichloroethene (TCE)	0.40	0.50	PQL		ND	UG/L	1
1,2,3-Trichloropropane	0.35	0.50	PQL		ND	UG/L	1
Vinyl chloride	0.32	0.50	PQL		ND	UG/L	1
Bromobenzene	0.27	0.50	PQL		ND	UG/L	1
n-Butylbenzene	0.51	1.00	PQL		ND	UG/L	1
sec-Butylbenzene	0.49	1.00	PQL		ND	UG/L	1
tert-Butylbenzene	0.41	1.00	PQL		ND	UG/L	1
2-Chlorotoluene	0.40	0.50	PQL		ND	UG/L	1
4-Chlorotoluene	0.40	0.50	PQL		ND	UG/L	1
cis-1,2-Dichloroethene	0.34	0.50	PQL		ND	UG/L	1
1,3-Dichloropropane	0.34	0.50	PQL		ND	UG/L	1
Methyl-tert-butyl ether (MTBE)	0.38	1.00	PQL		ND	UG/L	1
n-Propylbenzene	0.37	0.50	PQL		ND	UG/L	1
1,2,3-Trichlorobenzene	0.57	1.00	PQL		ND	UG/L	1
1,3,5-Trimethylbenzene	0.42	1.00	PQL		ND	UG/L	1
Di-isopropyl ether (DIPE)	0.37	1.00	PQL	DX	ND	UG/L	1
Ethyl tert-butyl ether (ETBE)	0.30	1.00	PQL		ND	UG/L	1
tert-Amyl methyl ether (TAME)	0.26	1.00	PQL		ND	UG/L	1
tert-Butyl alcohol (TBA)	2.4	10.	PQL		ND	UG/L	1
1,2,3-Trimethylbenzene	0.60	1.00	PQL		ND	UG/L	1
Xylenes	0.35	0.50	PQL		ND	UG/L	1

SURROGATE AND INTERNAL STANDARD RECOVERIES:

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

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

Approved by: William H Patty Date: 9/15/05

Project Name:	200 MORRIS STREET	Analysis:	Volatile Organic Compounds by GC/MS
Project No:	780	Method:	SW8260B
		Prep Meth:	SW5030B

Field ID:	H19W56	Lab Samp ID:	4620-2
Descr/Location:	H19W56	Rec'd Date:	08/10/2005
Sample Date:	08/08/2005	Prep Date:	08/16/2005
Sample Time:	1230	Analysis Date:	08/16/2005
Matrix:	Groundwater	QC Batch:	20050816
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
SURROGATE AND INTERNAL STANDARD RECOVERIES:						
Dibromofluoromethane		86-118	SLSA	108%		1

Approved by: William M Roth Date: 9/15/05

Project Name:	200 MORRIS STREET	Analysis:	Volatile Organic Compounds by GC/MS
Project No:	780	Method:	SW8260B
		Prep Meth:	SW5030B

Field ID:	H20W40	Lab Samp ID:	4620-3
Descr/Location:	H20W40	Rec'd Date:	08/10/2005
Sample Date:	08/09/2005	Prep Date:	08/16/2005
Sample Time:	1020	Analysis Date:	08/16/2005
Matrix:	Groundwater	QC Batch:	20050816
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Benzene	0.27	0.50	PQL		ND	UG/L	1
Bromochloromethane	0.43	0.50	PQL		ND	UG/L	1
Bromodichloromethane	0.31	0.50	PQL		ND	UG/L	1
Bromoform	0.40	0.50	PQL		ND	UG/L	1
Bromomethane	0.20	0.50	PQL		ND	UG/L	1
Carbon tetrachloride	0.40	0.50	PQL		ND	UG/L	1
Chlorobenzene	0.30	0.50	PQL		ND	UG/L	1
Dibromochloromethane	0.43	0.50	PQL		ND	UG/L	1
Chloroethane	0.35	0.50	PQL		ND	UG/L	1
Chloroform	0.33	0.50	PQL		ND	UG/L	1
Chloromethane	0.40	0.50	PQL		ND	UG/L	1
1,2-Dibromo-3-chloropropane	0.36	0.50	PQL		ND	UG/L	1
1,2-Dibromoethane	0.41	0.50	PQL		ND	UG/L	1
Dibromomethane	0.31	0.50	PQL		ND	UG/L	1
1,2-Dichlorobenzene	0.43	0.50	PQL		ND	UG/L	1
1,3-Dichlorobenzene	0.48	0.50	PQL		ND	UG/L	1
1,4-Dichlorobenzene	0.40	0.50	PQL		ND	UG/L	1
Dichlorodifluoromethane	0.36	0.50	PQL		ND	UG/L	1
1,1-Dichloroethane	0.27	0.50	PQL		ND	UG/L	1
1,2-Dichloroethane	0.35	0.50	PQL		0.78	UG/L	1
1,1-Dichloroethene	0.36	0.50	PQL		ND	UG/L	1
trans-1,2-Dichloroethene	0.24	0.50	PQL		ND	UG/L	1
1,2-Dichloropropane	0.36	0.50	PQL		ND	UG/L	1
Ethylbenzene	0.24	0.50	PQL		ND	UG/L	1
Hexachlorobutadiene	0.57	1.00	PQL		ND	UG/L	1
Isopropylbenzene	0.43	0.50	PQL		ND	UG/L	1
Methylene chloride	0.22	0.50	PQL		ND	UG/L	1
Naphthalene	0.47	1.00	PQL		ND	UG/L	1
Styrene	0.41	0.50	PQL		ND	UG/L	1
1,1,1,2-Tetrachloroethane	0.38	0.50	PQL		ND	UG/L	1

Approved by: William H Potts Date: 9/15/05

Project Name:	200 MORRIS STREET	Analysis:	Volatile Organic Compounds by GC/MS
Project No:	780	Method:	SW8260B
		Prep Meth:	SW5030B

Field ID:	H20W40	Lab Samp ID:	4620-3
Descr/Location:	H20W40	Rec'd Date:	08/10/2005
Sample Date:	08/09/2005	Prep Date:	08/16/2005
Sample Time:	1020	Analysis Date:	08/16/2005
Matrix:	Groundwater	QC Batch:	20050816
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
1,1,2,2-Tetrachloroethane	0.25	0.50	PQL		ND	UG/L	1
Tetrachloroethene (PCE)	0.32	0.50	PQL		ND	UG/L	1
Toluene	0.40	0.50	PQL		ND	UG/L	1
1,2,4-Trichlorobenzene	0.57	1.00	PQL		ND	UG/L	1
1,1,1-Trichloroethane	0.29	0.50	PQL		ND	UG/L	1
1,1,2-Trichloroethane	0.31	0.50	PQL		ND	UG/L	1
Trichloroethene (TCE)	0.40	0.50	PQL		ND	UG/L	1
1,2,3-Trichloropropane	0.35	0.50	PQL		ND	UG/L	1
Vinyl chloride	0.32	0.50	PQL		ND	UG/L	1
Bromobenzene	0.27	0.50	PQL		ND	UG/L	1
n-Butylbenzene	0.51	1.00	PQL		ND	UG/L	1
sec-Butylbenzene	0.49	1.00	PQL		ND	UG/L	1
tert-Butylbenzene	0.41	1.00	PQL		ND	UG/L	1
2-Chlorotoluene	0.40	0.50	PQL		ND	UG/L	1
4-Chlorotoluene	0.40	0.50	PQL		ND	UG/L	1
cis-1,2-Dichloroethene	0.34	0.50	PQL		ND	UG/L	1
1,3-Dichloropropane	0.34	0.50	PQL		ND	UG/L	1
Methyl-tert-butyl ether (MTBE)	0.38	1.00	PQL		ND	UG/L	1
n-Propylbenzene	0.37	0.50	PQL		ND	UG/L	1
1,2,3-Trichlorobenzene	0.57	1.00	PQL		ND	UG/L	1
1,3,5-Trimethylbenzene	0.42	1.00	PQL		ND	UG/L	1
Di-isopropyl ether (DIPE)	0.37	1.00	PQL		ND	UG/L	1
Ethyl tert-butyl ether (ETBE)	0.30	1.00	PQL		ND	UG/L	1
tert-Amyl methyl ether (TAME)	0.26	1.00	PQL		ND	UG/L	1
tert-Butyl alcohol (TBA)	2.4	10.	PQL		ND	UG/L	1
1,2,3-Trimethylbenzene	0.60	1.00	PQL		ND	UG/L	1
Xylenes	0.35	0.50	PQL		ND	UG/L	1

SURROGATE AND INTERNAL STANDARD RECOVERIES:

4-Bromofluorobenzene	86-115	SLSA	96%	1
Toluene-d8	88-110	SLSA	101%	1
Dibromofluoromethane	86-118	SLSA	107%	1

Approved by: William H Patty Date: 9/15/05

Project Name:	200 MORRIS STREET	Analysis:	Volatile Organic Compounds by GC/MS
Project No:	780	Method:	SW8260B
		Prep Meth:	SW5030B

Field ID:	H20W57	Lab Samp ID:	4620-4
Descr/Location:	H20W57	Rec'd Date:	08/10/2005
Sample Date:	08/09/2005	Prep Date:	08/16/2005
Sample Time:	1210	Analysis Date:	08/16/2005
Matrix:	Groundwater	QC Batch:	20050816
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Benzene	0.27	0.50	PQL		ND	UG/L	1
Bromochloromethane	0.43	0.50	PQL		ND	UG/L	1
Bromodichloromethane	0.31	0.50	PQL		ND	UG/L	1
Bromoform	0.40	0.50	PQL		ND	UG/L	1
Bromomethane	0.20	0.50	PQL		ND	UG/L	1
Carbon tetrachloride	0.40	0.50	PQL		ND	UG/L	1
Chlorobenzene	0.30	0.50	PQL		ND	UG/L	1
Dibromochloromethane	0.43	0.50	PQL		ND	UG/L	1
Chloroethane	0.35	0.50	PQL		ND	UG/L	1
Chloroform	0.33	0.50	PQL		ND	UG/L	1
Chloromethane	0.40	0.50	PQL		ND	UG/L	1
1,2-Dibromo-3-chloropropane	0.36	0.50	PQL		ND	UG/L	1
1,2-Dibromoethane	0.41	0.50	PQL		ND	UG/L	1
Dibromomethane	0.31	0.50	PQL		ND	UG/L	1
1,2-Dichlorobenzene	0.43	0.50	PQL		ND	UG/L	1
1,3-Dichlorobenzene	0.48	0.50	PQL		ND	UG/L	1
1,4-Dichlorobenzene	0.40	0.50	PQL		ND	UG/L	1
Dichlorodifluoromethane	0.36	0.50	PQL		ND	UG/L	1
1,1-Dichloroethane	0.27	0.50	PQL		ND	UG/L	1
1,2-Dichloroethane	0.35	0.50	PQL		ND	UG/L	1
1,1-Dichloroethene	0.36	0.50	PQL		ND	UG/L	1
trans-1,2-Dichloroethene	0.24	0.50	PQL		ND	UG/L	1
1,2-Dichloropropane	0.36	0.50	PQL		ND	UG/L	1
Ethylbenzene	0.24	0.50	PQL		ND	UG/L	1
Hexachlorobutadiene	0.57	1.00	PQL		ND	UG/L	1
Isopropylbenzene	0.43	0.50	PQL		ND	UG/L	1
Methylene chloride	0.22	0.50	PQL		ND	UG/L	1
Naphthalene	0.47	1.00	PQL		ND	UG/L	1
Styrene	0.41	0.50	PQL		ND	UG/L	1
1,1,1,2-Tetrachloroethane	0.38	0.50	PQL		ND	UG/L	1

Approved by: William H Potts Date: 9/15/05

Project Name:	200 MORRIS STREET	Analysis:	Volatile Organic Compounds by GC/MS
Project No:	780	Method:	SW8260B
		Prep Meth:	SW5030B

Field ID:	H20W57	Lab Samp ID:	4620-4
Descr/Location:	H20W57	Rec'd Date:	08/10/2005
Sample Date:	08/09/2005	Prep Date:	08/16/2005
Sample Time:	1210	Analysis Date:	08/16/2005
Matrix:	Groundwater	QC Batch:	20050816
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
1,1,2,2-Tetrachloroethane	0.25	0.50	PQL		ND	UG/L	1
Tetrachloroethene (PCE)	0.32	0.50	PQL		ND	UG/L	1
Toluene	0.40	0.50	PQL		ND	UG/L	1
1,2,4-Trichlorobenzene	0.57	1.00	PQL		ND	UG/L	1
1,1,1-Trichloroethane	0.29	0.50	PQL		ND	UG/L	1
1,1,2-Trichloroethane	0.31	0.50	PQL		ND	UG/L	1
Trichloroethene (TCE)	0.40	0.50	PQL		ND	UG/L	1
1,2,3-Trichloropropane	0.35	0.50	PQL		ND	UG/L	1
Vinyl chloride	0.32	0.50	PQL		ND	UG/L	1
Bromobenzene	0.27	0.50	PQL		ND	UG/L	1
n-Butylbenzene	0.51	1.00	PQL		ND	UG/L	1
sec-Butylbenzene	0.49	1.00	PQL		ND	UG/L	1
tert-Butylbenzene	0.41	1.00	PQL		ND	UG/L	1
2-Chlorotoluene	0.40	0.50	PQL		ND	UG/L	1
4-Chlorotoluene	0.40	0.50	PQL		ND	UG/L	1
cis-1,2-Dichloroethene	0.34	0.50	PQL		ND	UG/L	1
1,3-Dichloropropane	0.34	0.50	PQL		ND	UG/L	1
Methyl-tert-butyl ether (MTBE)	0.38	1.00	PQL		1.31	UG/L	1
n-Propylbenzene	0.37	0.50	PQL		ND	UG/L	1
1,2,3-Trichlorobenzene	0.57	1.00	PQL		ND	UG/L	1
1,3,5-Trimethylbenzene	0.42	1.00	PQL		ND	UG/L	1
Di-isopropyl ether (DIPE)	0.37	1.00	PQL		ND	UG/L	1
Ethyl tert-butyl ether (ETBE)	0.30	1.00	PQL		ND	UG/L	1
tert-Amyl methyl ether (TAME)	0.26	1.00	PQL		ND	UG/L	1
tert-Butyl alcohol (TBA)	2.4	10.	PQL		ND	UG/L	1
1,2,3-Trimethylbenzene	0.60	1.00	PQL		ND	UG/L	1
Xylenes	0.35	0.50	PQL		ND	UG/L	1

SURROGATE AND INTERNAL STANDARD RECOVERIES:

4-Bromofluorobenzene	86-115	SLSA	95%	1
Toluene-d8	88-110	SLSA	101%	1
Dibromofluoromethane	86-118	SLSA	108%	1

Approved by: William H Roth Date: 9/15/05

QA/QC Report
Method Blank Summary

Bace Analytical, Windsor, CA

Lab Report No.: 4620 Date: 09/14/2005

QC Batch:	20050816	Analysis:	Total Petroleum Hydrocarbons (TPH) by
Matrix:	Groundwater	Method:	8260TPH
Lab Samp ID:	4620MB	Prep Meth:	SW5030B
Analysis Date:	08/16/2005	Prep Date:	08/16/2005
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		80-120	SLSA		97%		1

QA/QC Report
Method Blank Summary

Bace Analytical, Windsor, CA

Lab Report No.: 4620 Date: 09/14/2005

QC Batch:	20050816	Analysis:	Volatile Organic Compounds by GC/MS
Matrix:	Groundwater	Method:	SW8260B
Lab Samp ID:	4620MB	Prep Meth:	SW5030B
Analysis Date:	08/16/2005	Prep Date:	08/16/2005
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Benzene	0.27	0.50	PQL		ND	UG/L	1
Bromodichloromethane	0.31	0.50	PQL		ND	UG/L	1
Bromoform	0.40	0.50	PQL		ND	UG/L	1
Bromomethane	0.20	0.50	PQL		ND	UG/L	1
Carbon tetrachloride	0.40	0.50	PQL		ND	UG/L	1
Chlorobenzene	0.30	0.50	PQL		ND	UG/L	1
Dibromochloromethane	0.43	0.50	PQL		ND	UG/L	1
Chloroethane	0.35	0.50	PQL		ND	UG/L	1
Chloroform	0.33	0.50	PQL		ND	UG/L	1
Chloromethane	0.40	0.50	PQL		ND	UG/L	1
1,2-Dibromo-3-chloropropane	0.36	0.50	PQL		ND	UG/L	1
1,2-Dibromoethane	0.41	0.50	PQL		ND	UG/L	1
Dibromomethane	0.31	0.50	PQL		ND	UG/L	1
1,2-Dichlorobenzene	0.43	0.50	PQL		ND	UG/L	1
1,3-Dichlorobenzene	0.48	0.50	PQL		ND	UG/L	1
1,4-Dichlorobenzene	0.40	0.50	PQL		ND	UG/L	1
Dichlorodifluoromethane	0.36	0.50	PQL		ND	UG/L	1
1,1-Dichloroethane	0.27	0.50	PQL		ND	UG/L	1
1,2-Dichloroethane	0.35	0.50	PQL		ND	UG/L	1
1,1-Dichloroethene	0.36	0.50	PQL		ND	UG/L	1
trans-1,2-Dichloroethene	0.24	0.50	PQL		ND	UG/L	1
1,2-Dichloropropane	0.36	0.50	PQL		ND	UG/L	1
Ethylbenzene	0.24	0.50	PQL		ND	UG/L	1
Hexachlorobutadiene	0.57	1.00	PQL		ND	UG/L	1
Isopropylbenzene	0.43	0.50	PQL		ND	UG/L	1
Methylene chloride	0.22	0.50	PQL		ND	UG/L	1
Naphthalene	0.47	1.00	PQL		ND	UG/L	1
Styrene	0.41	0.50	PQL		ND	UG/L	1
1,1,1,2-Tetrachloroethane	0.38	0.50	PQL		ND	UG/L	1
1,1,2,2-Tetrachloroethane	0.25	0.50	PQL		ND	UG/L	1

QA/QC Report
Method Blank Summary

Bace Analytical, Windsor, CA

Lab Report No.: 4620 Date: 09/14/2005

QC Batch:	20050816	Analysis:	Volatile Organic Compounds by GC/MS
Matrix:	Groundwater	Method:	SW8260B
Lab Samp ID:	4620MB	Prep Meth:	SW5030B
Analysis Date:	08/16/2005	Prep Date:	08/16/2005
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Tetrachloroethene (PCE)	0.32	0.50	PQL		ND	UG/L	1
Toluene	0.40	0.50	PQL		ND	UG/L	1
1,2,4-Trichlorobenzene	0.57	1.00	PQL		ND	UG/L	1
1,1,1-Trichloroethane	0.29	0.50	PQL		ND	UG/L	1
1,1,2-Trichloroethane	0.31	0.50	PQL		ND	UG/L	1
Trichloroethene (TCE)	0.40	0.50	PQL		ND	UG/L	1
1,2,3-Trichloropropane	0.35	0.50	PQL		ND	UG/L	1
Vinyl chloride	0.32	0.50	PQL		ND	UG/L	1
Bromobenzene	0.27	0.50	PQL		ND	UG/L	1
n-Butylbenzene	0.51	1.00	PQL		ND	UG/L	1
sec-Butylbenzene	0.49	1.00	PQL		ND	UG/L	1
tert-Butylbenzene	0.41	1.00	PQL		ND	UG/L	1
2-Chlorotoluene	0.40	0.50	PQL		ND	UG/L	1
4-Chlorotoluene	0.40	0.50	PQL		ND	UG/L	1
cis-1,2-Dichloroethene	0.34	0.50	PQL		ND	UG/L	1
1,3-Dichloropropane	0.34	0.50	PQL		ND	UG/L	1
Methyl-tert-butyl ether (MTBE)	0.38	1.00	PQL		ND	UG/L	1
n-Propylbenzene	0.37	0.50	PQL		ND	UG/L	1
1,2,3-Trichlorobenzene	0.57	1.00	PQL		ND	UG/L	1
1,3,5-Trimethylbenzene	0.42	1.00	PQL		ND	UG/L	1
Di-isopropyl ether (DIPE)	0.37	1.00	PQL		ND	UG/L	1
Ethyl tert-butyl ether (ETBE)	0.30	1.00	PQL		ND	UG/L	1
tert-Amyl methyl ether (TAME)	0.26	1.00	PQL		ND	UG/L	1
tert-Butyl alcohol (TBA)	2.4	10.	PQL		ND	UG/L	1
1,2,3-Trimethylbenzene	0.60	1.00	PQL		ND	UG/L	1
Xylenes	0.35	0.50	PQL		ND	UG/L	1

SURROGATE AND INTERNAL STANDARD RECOVERIES:

4-Bromofluorobenzene	86-115	SLSA	97%	1
Toluene-d8	88-110	SLSA	103%	1
Dibromofluoromethane	86-118	SLSA	111%	1

QA/QC Report
Matrix Spike/Duplicate Matrix Spike Summary

Bace Analytical, Windsor, CA

Lab Report No.: 4620 Date: 09/14/2005

QC Batch: 20050816
Matrix: Groundwater
Lab Samp ID: 4620MS
Basis: Not Filtered

Project Name: Lab Generated or Non COE Sample
Project No.: Lab Generated or Non COE Sample
Field ID: Lab Generated or Non COE Sample
Lab Ref ID: 4623-1

Analyte	Analysis Method	Spike Level MS	Spike Level DMS	Sample Result	Spike Result MS	Spike Result DMS	Units	% Recoveries MS	% Recoveries DMS	% Recoveries RPD	Acceptance Criteria % Rec		Acceptance Criteria RPD
1,1-Dichloroethene	SW8260B	10.0	10.0	ND	10.6	11.1	UG/L	106	111	4.6	145-61	MSA	20MSP
Benzene	SW8260B	10.0	10.0	ND	11.1	11.3	UG/L	111	113	1.8	127-76	MSA	20MSP
Chlorobenzene	SW8260B	10.0	10.0	ND	10.8	10.9	UG/L	108	109	0.92	130-75	MSA	20MSP
Methyl-tert-butyl ether (MTBE)	SW8260B	10.0	10.0	ND	7.53	8.01	UG/L	75.3	80.1	6.2	130-70	MSA	20MSP
Toluene	SW8260B	10.0	10.0	ND	11.1	11.1	UG/L	111	111	0.00	125-76	MSA	20MSP
Trichloroethene (TCE)	SW8260B	10.0	10.0	ND	11.6	11.7	UG/L	116	117	0.86	120-71	MSA	20MSP
4-Bromofluorobenzene	SW8260B	100.	100.	97.	98.	98.	PERCENT	98.0	98.0	0.00	115-86	SLSA	20SLSP
Dibromofluoromethane	SW8260B	100.	100.	107.	102.	102.	PERCENT	102	102	0.00	118-86	SLSA	20SLSP
Toluene-d8	SW8260B	100.	100.	100.	100.	100.	PERCENT	100	100	0.00	110-88	SLSA	20SLSP

QA/QC Report
Matrix Spike/Duplicate Matrix Spike Summary

Bace Analytical, Windsor, CA

Lab Report No.: 4620 Date: 09/14/2005

QC Batch: 20050816
Matrix: Groundwater
Lab Samp ID: 4620MS
Basis: Not Filtered

Project Name: Lab Generated or Non COE Sample
Project No.: Lab Generated or Non COE Sample
Field ID: Lab Generated or Non COE Sample
Lab Ref ID: 4623-2

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	ND	0.49	0.42	MG/L	98.0	84.0	15	130-70	MSA	25MSP
4-Bromofluorobenzene	8260TPH	100.	100.	96.	100.	95.	PERCENT	100	95.0	5.1	120-80	SLSA	20SLSP

Chain-of Custody Form

Project #	Project Name				Analysis												C.O.C. No. 11813
780	Barlow #200 Morris St																
L.P. No.	Sampler's Signature			No. of Con-tainers	TPHgas	Oxys, Pb Scan 8260 Full											Remarks:
Date Sampled	Sample I.D.	Time (24 Hour)	Sample Type														
8/8/05	H19W 40	10:25	H_2O	4	X	X											4620-1
8/8/05	H19W 56	12:30	↓	4	X	X											-2
8/9/05	H20W 40	10:20	↓	4	X	X											-3
8/9/05	H20W 57	12:10	↓	4	X	X											-4

Laboratory: DAFS

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

Relinquished by: (signed)	Date/Time	Received by: (signed)	Remarks:
[signature]	8/10/05 15:00	[signature] 8/10/05 15:01	Results to DEC
Relinquished by: (signed)	Date/Time	Received by: (signed) [signature]	
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:	4632
Project Name:	200 MORRIS STREET
Work Order Number:	780.070
Control Sheet Number:	NA

Report Summary

Labreport	Sampid	Labsampid	Mtrx	QC	Anmcode	Exmcode	Logdate	Extdate	Anadate	Lablotctl	Run Sub
4632	MW-10	4632-3	W	CS	8260FAB	SW5030B	08/19/2005	09/01/2005	09/01/2005	20050901A	15
4632	MW-10	4632-3	W	CS	8260TPH	SW5030B	08/19/2005	09/01/2005	09/01/2005	20050901A	15
4632	MW-11	4632-4	W	CS	8260FAB	SW5030B	08/19/2005	09/01/2005	09/01/2005	20050901A	16
4632	MW-11	4632-4	W	CS	8260TPH	SW5030B	08/19/2005	09/01/2005	09/01/2005	20050901A	16
4632	MW-16	4632-5	W	CS	8260FAB	SW5030B	08/19/2005	09/01/2005	09/01/2005	20050901A	17
4632	MW-16	4632-5	W	CS	8260TPH	SW5030B	08/19/2005	09/01/2005	09/01/2005	20050901A	17
4632	MW-17	4632-6	W	CS	8260FAB	SW5030B	08/18/2005	09/01/2005	09/01/2005	20050901A	18
4632	MW-17	4632-6	W	CS	8260TPH	SW5030B	08/18/2005	09/01/2005	09/01/2005	20050901A	18
4632	MW-18	4632-7	W	CS	8260FAB	SW5030B	08/18/2005	09/01/2005	09/01/2005	20050901A	19
4632	MW-18	4632-7	W	CS	8260TPH	SW5030B	08/18/2005	09/01/2005	09/01/2005	20050901A	19
4632	MW-19	4632-8	W	CS	8260FAB	SW5030B	08/19/2005	09/01/2005	09/01/2005	20050901A	20
4632	MW-19	4632-8	W	CS	8260TPH	SW5030B	08/19/2005	09/01/2005	09/01/2005	20050901A	20
4632	MW-20	4632-9	W	CS	8260FAB	SW5030B	08/18/2005	09/01/2005	09/01/2005	20050901A	21
4632	MW-20	4632-9	W	CS	8260TPH	SW5030B	08/18/2005	09/01/2005	09/01/2005	20050901A	21
4632	MW-21	4632-10	W	CS	8260FAB	SW5030B	08/18/2005	09/01/2005	09/01/2005	20050901A	22
4632	MW-21	4632-10	W	CS	8260TPH	SW5030B	08/18/2005	09/01/2005	09/01/2005	20050901A	22
4632	MW-23	4632-11	W	CS	8260FAB	SW5030B	08/19/2005	09/01/2005	09/01/2005	20050901A	23
4632	MW-23	4632-11	W	CS	8260TPH	SW5030B	08/19/2005	09/01/2005	09/01/2005	20050901A	23
4632	MW-8	4632-1	W	CS	8260FAB	SW5030B	08/19/2005	09/01/2005	09/01/2005	20050901A	9
4632	MW-8	4632-1	W	CS	8260TPH	SW5030B	08/19/200	09/01/200	09/01/200	20050901A	9

Report Summary

Labreport	Sampid	Labsampid	Mtrx	QC	Anmcode	Exmcode	Logdate	Extdate	Anadate	Lablotctl	Run Sub
							5	5	5		
4632	MW-9	4632-2	W	CS	8260FAB	SW5030B	08/19/2005	09/01/2005	09/01/2005	20050901A	12
4632	MW-9	4632-2	W	CS	8260TPH	SW5030B	08/19/2005	09/01/2005	09/01/2005	20050901A	12
		4632MB	W	LB1	8260FAB	SW5030B	/ /	09/01/2005	09/01/2005	20050901A	3
		4632MB	W	LB1	8260TPH	SW5030B	/ /	09/01/2005	09/01/2005	20050901A	3
		4632MS	W	MS1	8260FAB	SW5030B	/ /	09/01/2005	09/01/2005	20050901A	10
		4632MS	W	MS1	8260TPH	SW5030B	/ /	09/01/2005	09/01/2005	20050901A	13
		4632SD	W	SD1	8260FAB	SW5030B	/ /	09/01/2005	09/01/2005	20050901A	11
		4632SD	W	SD1	8260TPH	SW5030B	/ /	09/01/2005	09/01/2005	20050901A	14

Bace Analytical, Windsor, CA

Lab Report No.: 4632 Date: 09/21/2005

Project Name:	200 MORRIS STREET	Analysis:	VOCs by GC/MS Fuel Additives Plus BTEX
Project No:	780.070	Method:	8260FAB
		Prep Meth:	SW5030B

Field ID:	MW-10	Lab Samp ID:	4632-3
Descr/Location:	MW-10	Rec'd Date:	08/19/2005
Sample Date:	08/19/2005	Prep Date:	09/01/2005
Sample Time:	0949	Analysis Date:	09/01/2005
Matrix:	Water	QC Batch:	20050901A
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		3.09	UG/L	1
1,2-Dibromoethane	0.30	0.50	PQL		ND	UG/L	1
Benzene	0.27	0.50	PQL		9.08	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		0.77	UG/L	1

SURROGATE AND INTERNAL STANDARD RECOVERIES:

4-Bromofluorobenzene	86-118	SLSA	94%	1
Toluene-d8	88-110	SLSA	99%	1
Dibromofluoromethane	86-115	SLSA	105%	1

Approved by: William R Porter Date: 9/21/05

Bace Analytical, Windsor, CA

Lab Report No.: 4632 Date: 09/21/2005

Project Name:	200 MORRIS STREET	Analysis:	VOCs by GC/MS Fuel Additives Plus BTEX
Project No:	780.070	Method:	8260FAB
		Prep Meth:	SW5030B

Field ID:	MW-11	Lab Samp ID:	4632-4
Descr/Location:	MW-11	Rec'd Date:	08/19/2005
Sample Date:	08/19/2005	Prep Date:	09/01/2005
Sample Time:	0911	Analysis Date:	09/01/2005
Matrix:	Water	QC Batch:	20050901A
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	92%	1
Toluene-d8	88-110	SLSA	100%	1
Dibromofluoromethane	86-115	SLSA	105%	1

Approved by: William H Roth Date: 9/21/05

Project Name:	200 MORRIS STREET	Analysis:	VOCs by GC/MS Fuel Additives Plus BTEX
Project No:	780.070	Method:	8260FAB
		Prep Meth:	SW5030B

Field ID:	MW-16	Lab Samp ID:	4632-5
Descr/Location:	MW-16	Rec'd Date:	08/19/2005
Sample Date:	08/19/2005	Prep Date:	09/01/2005
Sample Time:	1248	Analysis Date:	09/01/2005
Matrix:	Water	QC Batch:	20050901A
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		13.6	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	107%	1

Approved by: William H Potts Date: 9/21/05

Lab Report No.: 4632 Date: 09/21/2005

Project Name:	200 MORRIS STREET	Analysis:	VOCs by GC/MS Fuel Additives Plus BTEX
Project No:	780.070	Method:	8260FAB
		Prep Meth:	SW5030B

Field ID:	MW-17	Lab Samp ID:	4632-6
Descr/Location:	MW-17	Rec'd Date:	08/19/2005
Sample Date:	08/18/2005	Prep Date:	09/01/2005
Sample Time:	1236	Analysis Date:	09/01/2005
Matrix:	Water	QC Batch:	20050901A
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		21.8	UG/L	5
Toluene	1.3	2.5	PQL		ND	UG/L	5
Ethylbenzene	1.3	2.5	PQL		ND	UG/L	5
Xylenes	1.3	2.5	PQL		ND	UG/L	5

SURROGATE AND INTERNAL STANDARD RECOVERIES:

4-Bromofluorobenzene	86-118	SLSA	94%	1
Toluene-d8	88-110	SLSA	100%	1
Dibromofluoromethane	86-115	SLSA	106%	1

Approved by: William H Potts Date: 9/21/05

Project Name:	200 MORRIS STREET	Analysis:	VOCs by GC/MS Fuel Additives Plus BTEX
Project No:	780	Method:	8260FAB
		Prep Meth:	SW5030B

Field ID:	MW-18	Lab Samp ID:	4632-7
Descr/Location:	MW-18	Rec'd Date:	08/19/2005
Sample Date:	08/18/2005	Prep Date:	09/01/2005
Sample Time:	1413	Analysis Date:	09/01/2005
Matrix:	Water	QC Batch:	20050901A
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		99.1	UG/L	100
1,2-Dibromoethane	30.	50.	PQL		ND	UG/L	100
Benzene	27.	50.	PQL		3860.	UG/L	100
Toluene	25.	50.	PQL		531.	UG/L	100
Ethylbenzene	25.	50.	PQL		1470.	UG/L	100
Xylenes	25.	50.	PQL		1140.	UG/L	100

SURROGATE AND INTERNAL STANDARD RECOVERIES:

4-Bromofluorobenzene	86-118	SLSA	94%	1
Toluene-d8	88-110	SLSA	100%	1
Dibromofluoromethane	86-115	SLSA	106%	1

Approved by: William H Patty Date: 9/21/05

Lab Report No.: 4632 Date: 09/21/2005

Project Name:	200 MORRIS STREET	Analysis:	VOCs by GC/MS Fuel Additives Plus BTEX
Project No:	780.070	Method:	8260FAB
		Prep Meth:	SW5030B

Field ID:	MW-19	Lab Samp ID:	4632-8
Descr/Location:	MW-19	Rec'd Date:	08/19/2005
Sample Date:	08/19/2005	Prep Date:	09/01/2005
Sample Time:	0827	Analysis Date:	09/01/2005
Matrix:	Water	QC Batch:	20050901A
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		153.	UG/L	20
1,2-Dibromoethane	6.0	10.	PQL		ND	UG/L	20
Benzene	5.4	10.	PQL		82.1	UG/L	20
Toluene	5.0	10.	PQL		ND	UG/L	20
Ethylbenzene	5.0	10.	PQL		ND	UG/L	20
Xylenes	5.0	10.	PQL		ND	UG/L	20

SURROGATE AND INTERNAL STANDARD RECOVERIES:

4-Bromofluorobenzene	86-118	SLSA	95%	1
Toluene-d8	88-110	SLSA	100%	1
Dibromofluoromethane	86-115	SLSA	106%	1

Approved by: Wallace H Potts Date: 9/21/05

Project Name:	200 MORRIS STREET	Analysis:	VOCs by GC/MS Fuel Additives Plus BTEX
Project No:	780.070	Method:	8260FAB
		Prep Meth:	SW5030B

Field ID:	MW-20	Lab Samp ID:	4632-9
Descr/Location:	MW-20	Rec'd Date:	08/19/2005
Sample Date:	08/18/2005	Prep Date:	09/01/2005
Sample Time:	1341	Analysis Date:	09/01/2005
Matrix:	Water	QC Batch:	20050901A
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Methyl-tert-butyl ether (MTBE)	3.8	10.	PQL		ND	UG/L	10
Ethyl tert-butyl ether (ETBE)	3.0	10.	PQL		ND	UG/L	10
tert-Amyl methyl ether (TAME)	2.6	10.	PQL		ND	UG/L	10
Di-isopropyl ether (DIPE)	3.7	10.	PQL		ND	UG/L	10
tert-Butyl alcohol (TBA)	24.	100.	PQL		ND	UG/L	10
1,2-Dichloroethane	3.0	5.0	PQL		ND	UG/L	10
1,2-Dibromoethane	3.0	5.0	PQL		ND	UG/L	10
Benzene	2.7	5.0	PQL		553.	UG/L	10
Toluene	2.5	5.0	PQL		850.	UG/L	10
Ethylbenzene	2.5	5.0	PQL		533.	UG/L	10
Xylenes	2.5	5.0	PQL		3120.	UG/L	10

SURROGATE AND INTERNAL STANDARD RECOVERIES:

4-Bromofluorobenzene	86-118	SLSA	92%	1
Toluene-d8	88-110	SLSA	99%	1
Dibromofluoromethane	86-115	SLSA	107%	1

Approved by: William H Potts Date: 9/21/05

Lab Report No.: 4632 Date: 09/21/2005

Project Name:	200 MORRIS STREET	Analysis:	VOCs by GC/MS Fuel Additives Plus BTEX
Project No:	780.070	Method:	8260FAB
		Prep Meth:	SW5030B

Field ID:	MW-21	Lab Samp ID:	4632-10
Descr/Location:	MW-21	Rec'd Date:	08/19/2005
Sample Date:	08/18/2005	Prep Date:	09/01/2005
Sample Time:	1510	Analysis Date:	09/01/2005
Matrix:	Water	QC Batch:	20050901A
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		11.6	UG/L	1
1,2-Dibromoethane	0.30	0.50	PQL		ND	UG/L	1
Benzene	0.27	0.50	PQL		9.20	UG/L	1
Toluene	0.25	0.50	PQL		3.48	UG/L	1
Ethylbenzene	0.25	0.50	PQL		ND	UG/L	1
Xylenes	0.25	0.50	PQL		2.36	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	106%	1

Approved by: William H Poty Date: 9/21/05

Project Name:	200 MORRIS STREET	Analysis:	VOCs by GC/MS Fuel Additives Plus BTEX
Project No:	780.070	Method:	8260FAB
		Prep Meth:	SW5030B

Field ID:	MW-23	Lab Samp ID:	4632-11
Descr/Location:	MW-23	Rec'd Date:	08/19/2005
Sample Date:	08/19/2005	Prep Date:	09/01/2005
Sample Time:	1033	Analysis Date:	09/01/2005
Matrix:	Water	QC Batch:	20050901A
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	99%	1
Dibromofluoromethane	86-115	SLSA	107%	1

Approved by: William H Potts Date: 9/21/05

Project Name:	200 MORRIS STREET	Analysis:	VOCs by GC/MS Fuel Additives Plus BTEX
Project No:	780.070	Method:	8260FAB
		Prep Meth:	SW5030B

Field ID:	MW-8	Lab Samp ID:	4632-1
Descr/Location:	MW-8	Rec'd Date:	08/19/2005
Sample Date:	08/19/2005	Prep Date:	09/01/2005
Sample Time:	1130	Analysis Date:	09/01/2005
Matrix:	Water	QC Batch:	20050901A
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		1.43	UG/L	1
Ethylbenzene	0.25	0.50	PQL		0.82	UG/L	1
Xylenes	0.25	0.50	PQL		4.98	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	108%	1

Approved by: William H Potts Date: 9/21/05

Lab Report No.: 4632 Date: 09/21/2005

Project Name:	200 MORRIS STREET	Analysis:	VOCs by GC/MS Fuel Additives Plus BTEX
Project No:	780.070	Method:	8260FAB
		Prep Meth:	SW5030B

Field ID:	MW-9	Lab Samp ID:	4632-2
Descr/Location:	MW-9	Rec'd Date:	08/19/2005
Sample Date:	08/19/2005	Prep Date:	09/01/2005
Sample Time:	1207	Analysis Date:	09/01/2005
Matrix:	Water	QC Batch:	20050901A
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		18.1	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		2.15	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	105%	1

Approved by: William H Potts Date: 9/21/05

Project Name:	200 MORRIS STREET	Analysis:	Total Petroleum Hydrocarbons (TPH) by GC/MS
Project No:	780.070	Method:	8260TPH
		Prep Meth:	SW5030B

Field ID:	MW-10	Lab Samp ID:	4632-3
Descr/Location:	MW-10	Rec'd Date:	08/19/2005
Sample Date:	08/19/2005	Prep Date:	09/01/2005
Sample Time:	0949	Analysis Date:	09/01/2005
Matrix:	Water	QC Batch:	20050901A
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	0.04	0.05	PQL		1.8	MG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		86-115	SLSA		94%		1

Approved by: William H Patty Date: 9/21/05

Project Name:	200 MORRIS STREET	Analysis:	Total Petroleum Hydrocarbons (TPH) by GC/MS
Project No:	780.070	Method:	8260TPH
		Prep Meth:	SW5030B

Field ID:	MW-11	Lab Samp ID:	4632-4
Descr/Location:	MW-11	Rec'd Date:	08/19/2005
Sample Date:	08/19/2005	Prep Date:	09/01/2005
Sample Time:	0911	Analysis Date:	09/01/2005
Matrix:	Water	QC Batch:	20050901A
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		92%		1

Approved by: William H Potts Date: 9/21/05

Lab Report No.: 4632 Date: 09/21/2005

Project Name:	200 MORRIS STREET	Analysis:	Total Petroleum Hydrocarbons (TPH) by GC/MS
Project No:	780.070	Method:	8260TPH
		Prep Meth:	SW5030B

Field ID:	MW-16	Lab Samp ID:	4632-5
Descr/Location:	MW-16	Rec'd Date:	08/19/2005
Sample Date:	08/19/2005	Prep Date:	09/01/2005
Sample Time:	1248	Analysis Date:	09/01/2005
Matrix:	Water	QC Batch:	20050901A
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: 9/21/05

Lab Report No.: 4632 Date: 09/21/2005

Project Name:	200 MORRIS STREET	Analysis:	Total Petroleum Hydrocarbons (TPH) by GC/MS
Project No:	780.070	Method:	8260TPH
		Prep Meth:	SW5030B

Field ID:	MW-17	Lab Samp ID:	4632-6
Descr/Location:	MW-17	Rec'd Date:	08/19/2005
Sample Date:	08/18/2005	Prep Date:	09/01/2005
Sample Time:	1236	Analysis Date:	09/01/2005
Matrix:	Water	QC Batch:	20050901A
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		94%		1

Approved by: William H Potts Date: 9/21/05

Project Name:	200 MORRIS STREET	Analysis:	Total Petroleum Hydrocarbons (TPH) by GC/MS
Project No:	780	Method:	8260TPH
		Prep Meth:	SW5030B

Field ID:	MW-18	Lab Samp ID:	4632-7
Descr/Location:	MW-18	Rec'd Date:	08/19/2005
Sample Date:	08/18/2005	Prep Date:	09/01/2005
Sample Time:	1413	Analysis Date:	09/01/2005
Matrix:	Water	QC Batch:	20050901A
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	4.0	5.0	PQL		16.	MG/L	100
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		86-115	SLSA		95%		1

Approved by: William H Potts Date: 9/21/05

Project Name:	200 MORRIS STREET	Analysis:	Total Petroleum Hydrocarbons (TPH) by GC/MS
Project No:	780.070	Method:	8260TPH
		Prep Meth:	SW5030B

Field ID:	MW-19	Lab Samp ID:	4632-8
Descr/Location:	MW-19	Rec'd Date:	08/19/2005
Sample Date:	08/19/2005	Prep Date:	09/01/2005
Sample Time:	0827	Analysis Date:	09/01/2005
Matrix:	Water	QC Batch:	20050901A
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	0.80	1.0	PQL		1.3	MG/L	20
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		86-115	SLSA		95%		1

Approved by: William H Potts Date: 9/21/05

Lab Report No.: 4632 Date: 09/21/2005

Project Name:	200 MORRIS STREET	Analysis:	Total Petroleum Hydrocarbons (TPH) by GC/MS
Project No:	780.070	Method:	8260TPH
		Prep Meth:	SW5030B

Field ID:	MW-20	Lab Samp ID:	4632-9
Descr/Location:	MW-20	Rec'd Date:	08/19/2005
Sample Date:	08/18/2005	Prep Date:	09/01/2005
Sample Time:	1341	Analysis Date:	09/01/2005
Matrix:	Water	QC Batch:	20050901A
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	0.40	0.50	PQL		29.	MG/L	10
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		86-115	SLSA		92%		1

Approved by: William H Roth Date: 9/21/05

Project Name:	200 MORRIS STREET	Analysis:	Total Petroleum Hydrocarbons (TPH) by GC/MS
Project No:	780.070	Method:	8260TPH
		Prep Meth:	SW5030B

Field ID:	MW-21	Lab Samp ID:	4632-10
Descr/Location:	MW-21	Rec'd Date:	08/19/2005
Sample Date:	08/18/2005	Prep Date:	09/01/2005
Sample Time:	1510	Analysis Date:	09/01/2005
Matrix:	Water	QC Batch:	20050901A
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: 9/21/05

Project Name:	200 MORRIS STREET	Analysis:	Total Petroleum Hydrocarbons (TPH) by GC/MS
Project No:	780.070	Method:	8260TPH
		Prep Meth:	SW5030B

Field ID:	MW-23	Lab Samp ID:	4632-11
Descr/Location:	MW-23	Rec'd Date:	08/19/2005
Sample Date:	08/19/2005	Prep Date:	09/01/2005
Sample Time:	1033	Analysis Date:	09/01/2005
Matrix:	Water	QC Batch:	20050901A
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 Poth Date: 9/21/05

Lab Report No.: 4632 Date: 09/21/2005

Project Name:	200 MORRIS STREET	Analysis:	Total Petroleum Hydrocarbons (TPH) by GC/MS
Project No:	780.070	Method:	8260TPH
		Prep Meth:	SW5030B

Field ID:	MW-8	Lab Samp ID:	4632-1
Descr/Location:	MW-8	Rec'd Date:	08/19/2005
Sample Date:	08/19/2005	Prep Date:	09/01/2005
Sample Time:	1130	Analysis Date:	09/01/2005
Matrix:	Water	QC Batch:	20050901A
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	0.04	0.05	PQL		0.16	MG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		86-115	SLSA		95%		1

Approved by: William H Poty Date: 9/21/05

Project Name:	200 MORRIS STREET	Analysis:	Total Petroleum Hydrocarbons (TPH) by GC/MS
Project No:	780.070	Method:	8260TPH
		Prep Meth:	SW5030B

Field ID:	MW-9	Lab Samp ID:	4632-2
Descr/Location:	MW-9	Rec'd Date:	08/19/2005
Sample Date:	08/19/2005	Prep Date:	09/01/2005
Sample Time:	1207	Analysis Date:	09/01/2005
Matrix:	Water	QC Batch:	20050901A
Basis:	Not Filtered	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics (C5-C12)	0.04	0.05	PQL		0.38	MG/L	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
4-Bromofluorobenzene		86-115	SLSA		94%		1

Approved by: William H Potts Date: 9/21/05

QA/QC Report
Method Blank Summary

Bace Analytical, Windsor, CA

Lab Report No.: 4632 Date: 09/21/2005

QC Batch:	20050901A	Analysis:	VOCs by GC/MS Fuel Additives Plus BTEX
Matrix:	Water	Method:	8260FAB
Lab Samp ID:	4632MB	Prep Meth:	SW5030B
Analysis Date:	09/01/2005	Prep Date:	09/01/2005
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	97%	1
Toluene-d8	88-110	SLSA	101%	1
Dibromofluoromethane	86-115	SLSA	110%	1

QA/QC Report
Method Blank Summary

Bace Analytical, Windsor, CA

Lab Report No.: 4632 Date: 09/21/2005

QC Batch:	20050901A	Analysis:	Total Petroleum Hydrocarbons (TPH) by
Matrix:	Water	Method:	8260TPH
Lab Samp ID:	4632MB	Prep Meth:	SW5030B
Analysis Date:	09/01/2005	Prep Date:	09/01/2005
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		97%		1

QA/QC Report
Matrix Spike/Duplicate Matrix Spike Summary

Bace Analytical, Windsor, CA

Lab Report No.: 4632 Date: 09/21/2005

QC Batch: 20050901A
Matrix: Water
Lab Samp ID: 4632MS
Basis: Not Filtered

Project Name: 200 MORRIS STREET
Project No.: 780.070
Field ID: MW-8
Lab Ref ID: 4632-1

Analyte	Analysis Method	Spike Level MS	Spike Level DMS	Sample Result	Spike Result MS	Spike Result DMS	Units	% Recoveries MS	% Recoveries DMS	% Recoveries RPD	Acceptance Criteria % Rec		Acceptance Criteria RPD
1,2-Dibromoethane	8260FAB	10.0	10.0	ND	11.4	11.0	UG/L	114	110	3.6	130-70	MSA	20MSP
1,2-Dichloroethane	8260FAB	10.0	10.0	ND	12.3	12.0	UG/L	123	120	2.5	130-70	MSA	20MSP
Benzene	8260FAB	10.0	10.0	ND	11.6	11.5	UG/L	116	115	0.87	127-76	MSA	20MSP
Di-isopropyl ether (DIPE)	8260FAB	10.0	10.0	ND	7.73	9.05	UG/L	77.3	90.5	16	130-70	MSA	20MSP
Ethyl tert-butyl ether (ETBE)	8260FAB	10.0	10.0	ND	7.97	9.00	UG/L	79.7	90.0	12	130-70	MSA	20MSP
Ethylbenzene	8260FAB	10.	10.	0.82	11.2	11.3	UG/L	104	105	0.96	130-70	MSA	20MSP
Methyl-tert-butyl ether (MTBE)	8260FAB	10.0	10.0	ND	7.72	9.10	UG/L	77.2	91.0	16	130-70	MSA	20MSP
Toluene	8260FAB	9.97	9.97	1.43	12.5	12.5	UG/L	111	111	0.00	125-76	MSA	20MSP
Xylenes	8260FAB	30.0	30.0	4.98	36.1	36.6	UG/L	104	105	0.96	130-70	MSA	20MSP
tert-Amyl methyl ether (TAME)	8260FAB	10.0	10.0	ND	7.36	8.21	UG/L	73.6	82.1	11	130-70	MSA	20MSP
tert-Butyl alcohol (TBA)	8260FAB	50.0	50.0	ND	33.7	36.0	UG/L	67.4	72.0	6.6	140-60	MSA	25MSP
4-Bromofluorobenzene	8260FAB	100.	100.	95.	93.	98.	PERCENT	93.0	98.0	5.2	118-86	SLSA	20SLSP
Dibromofluoromethane	8260FAB	100.	100.	108.	106.	102.	PERCENT	106	102	3.8	115-86	SLSA	20SLSP
Toluene-d8	8260FAB	100.	100.	100.	100.	100.	PERCENT	100	100	0.00	110-88	SLSA	20SLSP

QA/QC Report
Matrix Spike/Duplicate Matrix Spike Summary

Bace Analytical, Windsor, CA

Lab Report No.: 4632 Date: 09/21/2005

QC Batch: 20050901A
Matrix: Water
Lab Samp ID: 4632MS
Basis: Not Filtered

Project Name: 200 MORRIS STREET
Project No.: 780.070
Field ID: MW-9
Lab Ref ID: 4632-2

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	0.52	0.52	0.38	0.97	1.0	MG/L	113	119	5.2	130-70	MSA	20MSP
4-Bromofluorobenzene	8260TPH	100.	100.	94.	93.	93.	PERCENT	93.0	93.0	0.00	115-86	SLSA	20SLSP

Chain-of Custody Form

Project #	Project Name				Analysis												C.O.C. No.
780.070	BARLOW 200 MORRIS ST. SEBASTOPOL, CA																11969
L.P. No.	Sampler's Signature: Chris Scott			No. of Containers	TPH-GAS	EPA8260B -	OXYGENATES. LEAD	SCAVENGERS & BTEX									Remarks: STANDARD TAT
Date Sampled	Sample I.D.	Time (24 Hour)	Sample Type														
8.19.05	MW-8	1130	WATER	4	X	X											4632-1
8.19.05	MW-9	1207			X	X											-2
8.19.05	MW-10	0949			X	X											-3
8.19.05	MW-11	0911			X	X											-4
8.19.05	MW-16	1248			X	X											-5
8.18.05	MW-17	1236			X	X											-6
8.18.05	MW-18	1413			X	X											-7
8.19.05	MW-19	0827			X	X											-8
8.18.05	MW-20	1341			X	X											-9
8.18.05	MW-21	1510			X	X											-10
8.19.05	MW-23	1033			X	X											-11

Laboratory: BAFS

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

Relinquished by: (signed)	Date/Time	Received by: (signed)	Remarks:
Chris Scott	8/19/05 1519	8/19/05 1540	STANDARD TAT
Relinquished by: (signed)	Date/Time	Received by: (signed) William G. [illegible]	ATTN: DAVE CONLEY
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