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# QUARTERLY MONITORING AND REMEDIATION PROGRESS REPORT SECOND QUARTER 2004

**13500 Paxton Street**
**Pacoima, California**

Prepared for:

Price Pfister, Inc.

14 July 2004

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14 July 2004

Mr. Mohammad Zaidi
California Regional Water Quality Control Board
Los Angeles Region
320 West 4th Street, Suite 200
Los Angeles, CA 90013

Subject: Quarterly Monitoring and Remediation Progress Report – Second Quarter 2004
Price Pfister Facility
13500 Paxton Street, Pacoima, California
(EKI A20034.03)

Dear Mr. Zaidi:

On behalf of Price Pfister, Inc., Erler & Kalinowski, Inc. ("EKI") is pleased to submit this progress report for the Second Quarter 2004 for the Price Pfister facility located at 13500 Paxton Street in Pacoima, California (the "Site").

Site Redevelopment: On 25 June 2004, ownership of the property was transferred to Lincoln Property Company Commercial, Inc. Price Pfister will continue to remediate the Site in cooperation with the California Regional Water Quality Control Board ("RWQCB"). All remediation systems at the Site were shut down and demobilized during this quarter prior to start of demolition in late April 2004. In accordance with the approved *Work Plan for Abandonment of Wells*, dated 23 February 2004, select wells were decommissioned during this quarter. Activities related to soil excavation are scheduled to begin in late July 2004 in accordance with EKI's *Soil Excavation Work Plan*, dated 18 February 2004, as approved by the RWQCB in a letter 25 June 2004. Separate communications have been provided to the RWQCB regarding the progress of demolition and soil excavation at the Site.

Summary of Second Quarter Monitoring: During the second quarter of 2004, Price Pfister conducted Site-wide groundwater and soil vapor monitoring. The monitoring was performed on the full network of groundwater and soil vapor monitoring wells before several wells were decommissioned. Data from the soil vapor and groundwater testing performed during the second quarter 2004 are presented in the attached report. The results of monitoring indicate stable or continued reductions in concentrations of volatile organic compounds (VOCs") in groundwater and soil vapor beneath the property.

Site Remediation Activities: The *in situ* air sparging ("IAS") and soil vapor extractions ("SVE") systems were demobilized in April 2004. The second quarterly monitoring event was performed approximately one month following system shutdown and demobilization to evaluate VOC concentrations following the one month rebound period. All the data from the monitoring performed during the second quarter 2004 are included in the attached report. After collection and analysis of soil samples for VOCs, which will be performed in the third quarter of 2004 in connection with remedial soil excavation work, Price Pfister will submit a report that will address the status of remediation efforts to remove VOCs from soil. It is our understanding that if the results of confirmation soil sampling for VOCs achieve remedial goals, then the RWQCB will approve no further action for VOCs in soil at the Site.

The automated free hydrocarbon product ("FHP") recovery system located at the Building A area was demobilized during this quarter. After completion of remedial soil excavation, a work plan will be submitted to propose reinstallation of the system.

Status of Groundwater Monitoring Program and Request for Modification: Modifications to the quarterly groundwater monitoring program were most recently proposed in EKI's *Quarterly Monitoring and Remediation Progress Report – First Quarter 2004* dated 7 April 2004. Price Pfister proposes to perform future quarterly groundwater monitoring in accordance with the modified program for the monitoring wells remaining on the Site, which is summarized below:

| Well ID | Volatile Organic Compounds | Metals, including Hexavalent Chromium | Total Extractable Petroleum Hydrocarbons | 1,4-Dioxane and 1,2,3-Trichloropropane |
|---|---|---|---|---|
| | EPA Method 8260B | EPA Methods 200.8 and 218.6 | EPA 8015M with silica gel cleanup | EPA Method 8270C and GC/MS Low-Level Method |
| MW-4 | X | X | X | X |
| MW-5 | X | X | X | X |
| MW-6 | X | X | X | X |
| MW-7 | X | X | X | X |
| MW-8 | X | X | X | X |
| PMW-9 | X | X | | X |
| PMW-10 | X | X | | X |
| PMW-11 | X | X | | X |
| PMW-12 | X | X | | X |
| PMW-13 | X | X | | X |
| PMW-14 | X | X | | X |
| PMW-15 | X | X | | X |
| PMW-19 | X | | | |
| PMW-20 | X | | | |
| PMW-21B | X | X | | X |
| PIAS-10 | X | X | | X |

The previously requested modifications include discontinuation of sampling groundwater for methyl tert butly ether, 1,4-dioxane, 1,2,3-trichloroporpane, perchlorate, and nitrodiethylamine.

Following completion of remedial soil excavation activities, Price Pfister will submit a work plan for installation of additional groundwater monitoring wells. No monitoring of the remaining soil vapor monitoring wells is planned for the third quarter 2004.

Request for RWQCB Actions: We request the following from the RWQCB:

- Response to our request for a change in the groundwater monitoring program as discussed above.
- RWQCB review and approval of EKI's *Building A Report* dated 18 February 2004, *Emergent Chemicals Report* dated 8 March 2004, and *Saturated Zone Work Plan – Phase 2* dated 12 April 2004.

If you have any questions regarding the information presented herein, please call Meg Mendoza or myself at (650) 292-9100.

Very truly yours,

ERLER & KALINOWSKI, INC.

Steven G. Miller, P.E.
Project Manager

cc: Lorraine Sedlak - Black & Decker
Eileen Nottoli - Allen Matkins
Dixon Oriola, RWQCB (without attachment)
Arthur Heath, RWQCB (without attachment)

# QUARTERLY MONITORING AND REMEDIATION PROGRESS REPORT SECOND QUARTER 2004

Price Pfister, Inc., 13500 Paxton Street, Pacoima, California

## TABLE OF CONTENTS


**1 INTRODUCTION ..... 1**

**2 GROUNDWATER MONITORING ..... 2**

**2.1 Well Abandonment ..... 2**

**2.2 Groundwater Level Measurements ..... 2**

**2.3 Collection of Groundwater Samples ..... 3**

**2.4 Analysis of Groundwater Samples ..... 4**

**2.5 Analytical Testing Results ..... 4**

2.5.1 VOCs in Shallow Groundwater ..... 5

2.5.2 VOCs in Deeper Groundwater ..... 7

2.5.3 Emergent Chemicals in Groundwater ..... 7

2.5.4 SVOCs in Groundwater ..... 8

2.5.5 Petroleum Hydrocarbons in Groundwater ..... 8

2.5.6 Inorganic Compounds ..... 8

**2.6 Field Quality Control Sample Results ..... 8**

2.6.1 Duplicate Samples ..... 9

2.6.2 Field Blanks ..... 9

2.6.3 Filter Blanks ..... 9

2.6.4 Trip Blanks ..... 9

2.6.5 Equipment Rinseate Blanks ..... 9

**2.7 Laboratory QA/QC Samples ..... 10**

**2.8 Proposed Modifications to the Groundwater Sampling Program ..... 12**

**3 SOIL VAPOR MONITORING ..... 14**

**3.1 Soil Vapor Monitoring Well Sampling ..... 14**

**3.2 Soil Vapor Extraction Well Sampling ..... 14**

**4 REMEDIATION PROGRESS ..... 16**

**4.1 Decommissioning of IAS and SVE Systems ..... 16**

## TABLE OF CONTENTS

**4.2 In Situ Air Sparging** ..... **16**

**4.3 Soil Vapor Extraction** ..... **17**

**4.4 FHP Recovery** ..... **17**

4.4.1 Automation of the FHP Recovery System ..... 17

4.4.2 FHP Recovery Operations ..... 18

**5 REFERENCES** ..... **19**

## TABLES

1. Summary of Well Construction Details
2. Water Level Measurements in Groundwater Monitoring Wells Through June 2004
3. Summary of VOC Analytical Results for Groundwater for Second Quarter 2004
4. Summary of Emergent Chemical Analytical Results for Groundwater for Second Quarter 2004
5. Summary of SVOC Analytical Results for Groundwater for Second Quarter 2004
6. Summary of TPH Analytical Results for Groundwater for Second Quarter 2004
7. Summary of Inorganic Analytical Results for Groundwater for Second Quarter 2004
8. Summary of VOC Analytical Results for Soil Vapor Samples Collected from Vapor Monitoring Wells Through June 2004
9. Summary of Selected VOC Analytical Results for Soil Vapor Samples Collected from Vapor Extraction Wells Through June 2004
10. Depth to Groundwater and Thickness of Free Hydrocarbon Product in FHP Collection Wells Through June 2004
11. Summary of Free Hydrocarbon Product Collection Through June 2004

# QUARTERLY MONITORING AND REMEDIATION PROGRESS REPORT SECOND QUARTER 2004

Price Pfister, Inc., 13500 Paxton Street, Pacoima, California

## TABLE OF CONTENTS

**FIGURES**


1. Site Vicinity Map
2. Site Plan Including Identified Detail Areas and Well Locations
3. Approximate Groundwater Elevation Contours for May 2004
4. Groundwater Elevation Trends for Select Site Wells
5. VOCs Detected in Groundwater Samples from Wells Screened at the Water Table
6. VOCs Detected in Groundwater Samples from Wells Screened below the Water Table
7. Inferred Distribution of PCE in Groundwater, May 2004
8. Inferred Distribution of 1,1,1-TCA in Groundwater, May 2004
9. Inferred Distribution of TCE in Groundwater, May 2004
10. Inferred Distribution of cis-1,2-DCE in Groundwater, May 2004
11. Inferred Distribution of 1,1-DCE in Groundwater, May 2004
12. PCE Concentration Detected in PMW-23
13. PCE Concentration Detected in PMW-24
14. PCE Concentration Detected in PMW-25
15. PCE Concentration Detected in PMW-11
16. PCE Concentration Detected in PMW-22
17. PCE Soil Gas Concentration Contours with Depth
18. Distribution of PCE in Soil Gas and Groundwater


**APPENDICES**


A. Well Gauging and Purge Forms

B. Analytical Laboratory Reports (CD-ROM)

# 1 INTRODUCTION

This report has been prepared by Erler & Kalinowski, Inc. ("EKI") on behalf of Price Pfister, Inc. ("Price Pfister"), and is provided in accordance with a request from the Regional Water Quality Control Board, Los Angeles Region ("RWQCB"). This report includes a summary of monitoring and remediation activities at 13500 Paxton Street in Pacoima, California (the "Site") that occurred during the second quarter of 2004 related to:

- groundwater monitoring (Section 2),
- soil vapor monitoring (Section 3), and
- remediation progress (Section 4), including *in situ* air sparging ("IAS"), soil vapor extraction ("SVE"), and free hydrocarbon product ("FHP") recovery.

This report includes tabular summaries of analytical data for groundwater and soil vapor samples collected during the second quarter 2004. Cumulative summaries of data obtained through the end of 2003 were provided in the progress report for the fourth quarter of 2003 (EKI, 2004a).

Groundwater and soil vapor monitoring at the Site were conducted in accordance with previously submitted work plans (EKI, 2002a and 2002b) and as modified in subsequent documents (RWQCB, 2003a and 2003b; EKI, 2004a.). The location of the Site is shown on Figure 1, and the layout of the Site, including identified detail areas of the Site and well locations, is shown on Figure 2.

# 2 GROUNDWATER MONITORING

Groundwater monitoring activities were conducted by Blaine Tech Services, Inc. ("Blaine Tech") of Carson, California during April and May 2004. A total of 35 groundwater wells were gauged and sampled during this monitoring event, including 28 on-site groundwater monitoring wells (wells MW-4 through MW-8, PMW-9 through PMW-15, PMW-21B, and PMW-22 through PMW-36), five air sparging wells (PIAS-1, PIAS-3, PIAS-4, PIAS-10, and PIAS-13), and two off-site groundwater monitoring wells (PMW-19 and PMW-20). On-site wells MW-1, MW-2, MW-3, PMW-16, PMW-17, and PMW-18 are utilized for recovery of FHP and are not sampled as part of the groundwater monitoring program for the Site.

On-site wells A1 and A2 were installed by the California Department of Toxic Substances Control and are included in the groundwater monitoring program for the Brenntag West, Inc. ("Brenntag") site, which is located approximately 500 feet north and hydraulically upgradient of the Site (Figure 3). Monitoring data for wells A1 and A2 provided by Brenntag are included in this report. Groundwater elevations measured at wells A1 and A2 during the second quarter of 2004 are included in this report, but second quarter analytical data for wells A1 and A2 have not yet been obtained by EKI from Brenntag.

## 2.1 Well Abandonment

During the second quarter of 2004, 26 groundwater wells at the Site were abandoned in accordance with the *Work Plan for Abandonment of Wells at the Former Price Pfister, Inc. Facility* (EKI, 2004b). This work plan was approved in a RWQCB letter dated 25 June 2004 (RWQCB, 2004). Well abandonment included destruction and retrieval of the well casing and annular materials by over-drilling the well casing to the total depth of the well. The resulting boreholes were backfilled with a neat cement grout containing up to five percent bentonite. Air sparging wells PIAS-7, PIAS-8, PIAS-9, PIAS-11, and PIAS-12 were abandoned prior to groundwater monitoring at the Site in April 2004 (see Table 1 for dates of well abandonment). Groundwater monitoring wells PMW-22 through PMW-26 and PMW-28 through PMW-36 and air sparging wells PIAS-1 through PIAS-6 and PIAS-13 were abandoned following the completion of groundwater monitoring in May and June 2004.

## 2.2 Groundwater Level Measurements

The depth to groundwater in Site wells was measured on 26 April 2004 to coincide with the quarterly monitoring event for the Brenntag site. Reference elevations, depths of well screens, and other well construction details are provided in Table 1. Depth to groundwater measurements and groundwater elevations are presented in Table 2.

Contours representing the elevation of the groundwater table beneath the Site on 26 April 2004 are shown on Figure 3. Figure 3 incorporates data for wells at the Brenntag site, which were provided by ARCADIS on behalf of Brenntag. Measurement of depth to water data in wells A1 and A2 was performed by both Blaine Tech and ARCADIS to allow calibration of the water level measurements. The depths to groundwater measured by ARCADIS were greater (deeper) than the measurements by Blaine Tech by 0.07 ft for well A-1 and 0.04 ft for well A-2.

On 26 April 2004, groundwater elevations beneath most of the Site ranged from 978.37 (MW-7) to 979.71 (A-1) feet above mean sea level ("ft msl") with the corresponding depths to groundwater ranging from 54.53 (PMW-9) to 71.30 (A-1) feet beneath the ground surface ("ft bgs"). Compared to February 2004, groundwater elevations in April 2004 were lower by an average of 0.19 ft.

Groundwater elevations measured along the Louvre Street side of the Site (i.e., wells MW-8, PMW-13, PMW-14, and PMW-15) ranged between 960.96 ft msl (PMW-13) and 964.36 ft msl (PMW-15). Depths to groundwater in these wells ranged between 69.20 and 73.13 ft bgs. The groundwater elevations in these wells are lower than the rest of the Site due to the apparent presence of faults or other subsurface features in this area. Groundwater elevations in these wells showed variations ranging from an increase of 0.73 ft (MW-8) to a decrease of 0.16 (PMW-14) feet between February 2004 and April 2004.

During the second quarter of 2004, the general direction of shallow groundwater flow beneath the majority of the Site was toward the south-southeast, which is consistent with previous monitoring events. The magnitude of the groundwater gradient beneath the Building P area of the Site was approximately 0.0007 ft/ft. In the Louvre Street area, direction of groundwater flow is toward the southwest with a gradient of approximately 0.004 ft/ft.

Plots of groundwater elevation versus time for selected wells at the Site are shown on Figure 4. The elevation of the groundwater table beneath the Site has decreased approximately seven feet during the period from August 2000 through April 2004.

## 2.3 Collection of Groundwater Samples

Samples of groundwater were collected from wells at the Site during May 2004. With the exception of those collected from well PMW-13, the groundwater samples were collected using low flow purging and sampling procedures. Each groundwater monitoring well was purged and sampled using its dedicated bladder pump. Air sparging wells were purged with a 2-inch Grundfos pump and then sampled with a disposable Teflon bailer. Due to vehicle access restrictions, well PMW-13 was purged and sampled using a disposable Teflon bailer. Well PMW-13 was purged of three casing volumes of groundwater prior to sampling.

During purging of groundwater prior to the collection of samples, field measurements of pH, temperature, conductivity, turbidity, dissolved oxygen, and oxidation-reduction potential were monitored and recorded at each well. These data are provided on well purge and sampling forms included in Appendix A.

The samples of groundwater were collected in containers supplied by the analytical laboratory, labeled, stored in an ice-filled chest, and transported to a state-certified analytical laboratory using appropriate chain of custody documentation.

## 2.4 Analysis of Groundwater Samples

The samples of groundwater collected at the Site during May 2004 and the associated field quality control samples were analyzed by Calscience Environmental Laboratories, Inc. ("Calscience") of Garden Grove, California using one or more of the following methods:

- volatile organic compounds ("VOCs"), including methyl tertiary-butyl ether ("MTBE") and other fuel oxygenates by U.S. Environmental Protection Agency ("EPA") Method 8260B,
- low-level 1,2,3-trichloropropane ("1,2,3-TCP") by the gas chromatography/mass spectrometry,
- semi-volatile organic compounds ("SVOCs"), including 1,4-dioxane, N-nitrosodimethylamine ("NDMA"), and N-nitrosodiethylamine ("NDEA") by EPA Method 8270C,
- total extractable petroleum hydrocarbons ("TEPH") with silica gel cleanup by EPA Method 3510C/DHS LUFT,
- metals by EPA Method 200.8, EPA Method 6020 (cobalt and molybdenum), and EPA Method 245.1 (mercury),
- hexavalent chromium by EPA Method 218.6, and
- perchlorate by EPA Method 314.0.

## 2.5 Analytical Testing Results

The results of laboratory analyses of groundwater samples collected at the Site during May 2004 are summarized in Tables 3 through 7. The analytical laboratory reports prepared by Calscience are included in Appendix B.

### 2.5.1 VOCs in Shallow Groundwater

The following VOCs were detected in groundwater samples collected at the Site during May 2004: tetrachloroethene ("PCE"); trichloroethene ("TCE"); cis-1,2-dichloroethene ("cis-1,2-DCE"); 1,1-dichloroethene ("1,1-DCE"); 1,1,1-trichloroethane ("1,1,1-TCA"); 1,1-dichloroethane ("1,1-DCA"). The results of the VOC analyses of groundwater samples collected during the second quarter of 2004 are summarized in Table 3. Concentrations of PCE, 1,1,1-TCA, TCE, cis-1,2-DCE, and 1,1-DCE in groundwater samples collected at the Site are summarized on Figures 5 through 11.

The VOC analyses of groundwater samples collected at the Site during the second quarter of 2004 provided similar results to the analyses of groundwater samples collected during the first quarter of 2004 (see Figures 5 and 6). Groundwater sampling during the second quarter of 2004 occurred approximately four weeks after shutdown and decommissioning of the IAS systems in the Central Building P and Oil Staging areas of the Site (see Section 4 below), and the groundwater sampling during the first quarter of 2004 occurred approximately seven weeks after shutdown of the IAS systems for rebound testing. The results of rebound testing of the IAS and SVE systems at the Site will be presented in a future report.

Central Building P Area (wells PMW-23 through PMW-26 and PMW-28 through PMW-32): PCE was detected in groundwater samples collected from all nine monitoring wells in this area with concentrations ranging from 4.1 ug/L (PMW-24) to 62 ug/L (PMW-25). The highest concentrations of other VOCs were detected in the sample of groundwater collected from well PMW-26 (located near the former waste water treatment area): 1,1,1-TCA at 3.9 ug/L, TCE at 16 ug/L, cis-1,2-DCE at 88 ug/L, and 1,1-DCE at 5.3 ug/L. These concentrations are similar to those detected in groundwater samples collected during the first quarter of 2004. cis-1,2-DCE was detected in groundwater samples collected from six of the monitoring wells in this area and is likely derived from biodegradation of PCE. The higher concentrations of cis-1,2-DCE at well PMW-26 may also be associated with releases from the Brenntag site. The *in situ* air sparging performed in this area has been effective in removing VOCs from groundwater.

Downgradient of Central Building P (PMW-35): The concentrations of PCE (35 ug/L), TCE (11 ug/L), cis-1,2-DCE (23 ug/L), and 1,1-DCA (3.3 ug/L) detected in the sample of groundwater collected from well PMW-35 during May 2004 were similar to the concentrations detected in the sample collected during February 2004.

Building A Area (MW-4 through MW-8, and PMW-14): The concentrations of VOCs detected in groundwater samples collected from these wells during May 2004 were generally similar to or lower than the concentrations detected in the samples collected during February 2004. PCE was detected at concentrations ranging from 6.4 ug/L to 36 ug/L in the samples of groundwater collected during May 2004.

Oil Staging Area (PMW-11 and PMW-22): PCE (4.0 ug/L) was the only VOC detected in the sample of groundwater collected from well PMW-11 during May 2004, while no

VOCs were detected in the sample collected from well PMW-22. These results are similar those obtained for the analyses performed on the samples collected during February 2004. *In situ* air sparging has been effective in removing VOCs from groundwater in this area of the Site.

Well PMW-10, between the Building A and Oil Staging Areas: PCE (3.3 ug/L) was the only VOC detected in the sample of groundwater collected from well PMW-10 during May 2004. This result is similar to that obtained for the analysis performed on the sample collected during February 2004.

Building L Area (PMW-12, PMW-33, and PMW-34): PCE was the only VOC detected in the samples of groundwater collected from wells PMW-33 (1.1 ug/L), PMW-34 (1.1 ug/L), and PMW-12 (1.9 ug/L). These results are similar those obtained for the analyses performed on the samples collected during February 2004.

Buildings D and J Area (PMW-9 and PMW-13): The VOC concentrations detected in groundwater samples collected from wells PMW-9 and PMW-13 during May 2004 were similar to those detected in the samples collected during February 2004. The concentration of PCE (69 ug/L) detected in the sample of groundwater collected from well PMW-13 was the highest concentration of PCE detected in groundwater at the Site during the May 2004 monitoring event. PCE was detected at a concentration of 25 ug/L in the sample of groundwater collected from well PMW-9. TCE was detected at 14 and 7.6 ug/L in the samples of groundwater collected from wells PMW-9 and PMW-13, respectively. Cis-1,2-DCE (7.3 ug/L) was detected only in groundwater sample collected from well PMW-13.

Sutter Street Entrance (PMW-36): PCE (7.7 ug/L), TCE (5.7 ug/L), cis-1,2-DCE (64 ug/L), 1,1-DCE (3.1 ug/L), and 1,1-DCA (1.9 ug/L) were detected in the sample of groundwater collected from well PMW-36. This result is similar that obtained for the analysis performed on the sample collected during February 2004. The higher concentrations of cis-1,2-DCE is likely attributable to releases from the Brenntag site.

Upgradient Wells (wells PMW-27, A1, and A2): PCE (32 ug/L), TCE (6.7 ug/L), 1,1-DCE (3.4 ug/L), and 1,1,1-TCA (3.4 ug/L) were detected in the sample of groundwater collected from well PMW-27. Cis-1,2-DCE was not detected above the reporting limit of 1.0 ug/L. Second quarter data for wells A1 and A2 have not yet been obtained from Brenntag.

For reference, data provided by ARCADIS indicate that PCE (96 ug/L), TCE (120 ug/L), cis-1,2-DCE (7,900 ug/L), and 1,1-DCE (170 ug/L) were detected in a sample of groundwater collected from well A2 during February 2004. PCE (2.2 ug/L) was the only VOC detected in the sample of groundwater collected from well A1 during February 2004. The high concentrations of VOCs detected in groundwater samples collected from well A2 are likely attributable to releases from the Brenntag site.

### 2.5.2 VOCs in Deeper Groundwater

Northwest of Building A and Downgradient of Central Building P (PMW-21B): The top of the screened interval of well MW-21B is approximately 40 feet below the groundwater table. PCE (4.4 ug/L) was the only VOC detected in the sample of groundwater collected from well PMW-21B during May 2004. This result is similar that obtained for the analysis performed on the sample collected during February 2004.

Central Building P Area (Air Sparging Wells PIAS-1, PIAS-3, PIAS-4, and PIAS-13): PCE (3.4 ug/L) was the only VOC detected in the groundwater sample from well PIAS-1. No VOCs were detected in the groundwater samples collected from wells PIAS-3, PIAS –4, and PIAS-13. Wells PIAS-1 and PIAS-13 are screened approximately ten to fifteen feet below the water table, and wells PIAS-3 and PIAS-4 are screened approximately 25 to 30 feet below the water table. These results are similar those obtained for the analyses performed on the samples collected from these wells during February 2004.

Oil Staging Area (Air Sparging Well PIAS-10): No VOCs of were detected in the samples of groundwater collected from well PIAS-10 during the first and second quarters of 2004.

### 2.5.3 Emergent Chemicals in Groundwater

Groundwater samples collected from 30 Site monitoring wells (wells MW-4 through MW-8, PMW-9 through PMW-15, and PMW-19 through PMW-36) were analyzed for 1,4-dioxane, NDMA, NDEA, 1,2,3-TCP, and perchlorate during the second quarter of 2004 event. The results of the emergent chemical analyses of groundwater samples collected during the second quarter of 2004 are summarized in Table 4. A discussion of the results for emergent chemical analyses of groundwater samples collected at the Site through the first quarter of 2004 was included in the *Emergent Chemicals Report* (EKI, 2004c). This report recommended no further investigation or remedial action for these chemicals. As requested by the RWQCB, an additional summary of emergent chemical analytical data for the Site, which presented only those data with method detection limits below project goals, was submitted on 30 June 2004 (EKI, 2004e).

1,4-Dioxane was detected in the samples of groundwater collected from wells PMW-26 (2.7 ug/L), PMW-30 (2.1 ug/L), and PMW-32 (6.3 ug/L). 1,4-Dioxane was not detected (reporting limit of 2.0 ug/L) in the samples of groundwater collected from the other 27 groundwater monitoring wells at the Site.

1,2,3-TCP was detected in the samples of groundwater collected from wells PMW-13 (0.0080 ug/L) and PMW-36 (0.0056 ug/L). 1,2,3-TCP was not detected (reporting limit of 0.005 ug/L) in the samples of groundwater collected from the other 28 groundwater monitoring wells at the Site.

Perchlorate was detected in groundwater from only one well, PMW-25 at 2.8 ug/L. The sample from PMW-25 was re-analyzed by the laboratory and no perchlorate was detected

(reporting limit of 2 ug/L). A duplicate sample was sent to a second laboratory, Data Chem, which detected perchlorate at 2.27 ug/L.

NDEA and NDMA were not detected in any of the 30 groundwater samples analyzed (reporting limit of 10 ug/L) during this monitoring event

### 2.5.4 SVOCs in Groundwater

No SVOCs (except for 1,4-dioxane as indicated above) were detected above laboratory reporting limits in any of the 30 Site wells. Analytical results of SVOC analyses are summarized in Table 5.

### 2.5.5 Petroleum Hydrocarbons in Groundwater

Groundwater samples collected from the six Building A Area wells (MW-4 through MW-8, and PMW-14) and two Central Building P Area wells (PMW-28 and PMW-30) were analyzed for TEPH (see Table 6). TEPH was not detected (reporting limits of 50 to 500 ug/L) in any of the samples of groundwater collected and analyzed during this monitoring event.

### 2.5.6 Inorganic Compounds

Several metals were detected in the samples of groundwater collected at the Site during this monitoring event (see Table 7). Total chromium concentrations detected in Site groundwater samples ranged from 1.2 ug/L in well PMW-20 to 14 ug/L in well PMW-26. Hexavalent chromium at concentrations ranging from 0.45 ug/L (well PMW-15) to 13 ug/L (wells PMW-13 and PMW-26). The detected concentrations of hexavalent chromium are similar to those detected in previous sampling events.

Antimony, barium, copper, molybdenum, nickel, selenium, vanadium, and zinc were detected at low concentrations similar to previous events.

## 2.6 Field Quality Control Sample Results

Several field quality control samples were collected and analyzed during the second quarter 2004 groundwater monitoring event, including duplicates, field blanks, filter blanks, trip blanks, and equipment rinse blanks. Results of chemical analyses of field quality control samples are included in Tables 3 through 7. Laboratory reports prepared by Calscience are provided in Appendix B.

### 2.6.1 Duplicate Samples

Duplicate samples were collected in series from the same well using the same sampling method, and were submitted "blind" (location of the sample collected was not known to the laboratory) to the laboratory for chemical analyses. Two duplicate samples were collected on the first day of sampling (7 May 2004). One duplicate sample was collected on all other days of sampling (12, 13, and 14 May 2004). Duplicate groundwater samples were collected from wells PMW-14, PMW-21B, PWM-31, PMW-36, and PIAS-1. No quality control issues were identified in connection with the analysis of duplicate samples.

### 2.6.2 Field Blanks

Field blanks were collected using deionized water supplied by the analytical laboratory or distilled water supplied by Blaine Tech. One field blank was collected during each day of groundwater sampling (samples FB-1, FB-3, FB-4, and FB-5) and analyzed for VOCs. No VOCs were detected in the field blank samples collected and analyzed during this monitoring event.

### 2.6.3 Filter Blanks

Filter blanks were collected in the field using deionized water supplied by the analytical laboratory and pumped through a clean, unused filter. Filter blanks (samples Filter-1 through Filter-4) were collected on all four days of sampling and were analyzed for metals and hexavalent chromium only (see Table 7). The filter blanks contained detectable concentrations of antimony (1.3 ug/L and 2.9 ug/L in two samples), barium (9.1 to 17 ug/L in four samples), chromium (1.3 to 1.5 ug/L in four samples), hexavalent chromium (0.23 to 1.2 ug/L in three samples), selenium (1.4 ug/L in one sample), and zinc (6.8 ug/L to 11 ug/L in three samples). Potential sources of these low concentrations of metals could be the filter, sample tubing, bottle, or acid preservative.

### 2.6.4 Trip Blanks

At least one trip blank was submitted during each day of groundwater sampling (TB-1 through TB-4) and analyzed for VOCs. No VOCs were detected in the trip blank samples analyzed during this monitoring event.

### 2.6.5 Equipment Rinseate Blanks

One equipment rinseate blank (EB-1) was collected after decontamination of the portable 2-inch Grundfos pump used to purge groundwater from the air sparging well at PIAS-13. No VOCs were detected in the equipment rinseate blank.

## 2.7 Laboratory QA/QC Samples

Laboratory QA/QC measures include analysis of both batch check samples and individual check samples. The batch check samples include Method Blanks, Matrix Spike and Matrix Spike Duplicates ("MS/MSD"), and Laboratory Control Samples ("LCS"). The only individual sample QC check is analysis for Surrogate Recovery. Sample Hold Time is also a QC measure applicable to every sample.

Laboratory QC measures for analysis of groundwater samples during the second quarter of 2004 are summarized below.

No analytes were detected in any of the Method Blanks reported by Calscience.

LCS samples were within the accuracy goals established by Los Angeles Regional Board for all compounds except for those listed below:

| LCS/LCSD Batch Number | Compounds | LCS % Recovery | LCSD % Recovery | QC Limit |
|---|---|---|---|---|
| 040511L01 | tert-butylbenzene | 121 | 122 | 80-120 |
| 040511L01 | 2-chloroethyl vinyl ether | 74 | 72 | 80-120 |
| 040511L01 | trichlorofluoromethane | 122 | 122 | 80-120 |
| 040513L01 | methylene chloride | 78 | 78 | 80-120 |
| 040515L01 | tert-butylbenzene | 123 | 122 | 80-120 |
| 040515L01 | 2-chloroethyl vinyl ether | 33 | 66 | 80-120 |
| 040515L01 | 1,2-dibromo-3-chloropropane | 84 | 79 | 80-120 |
| 040515L01 | trichlorofluoromethane | 125 | 122 | 80-120 |

The high percent recoveries (e.g., above 120%) of LCS samples indicate positive bias in the analysis. However, because these compounds were not present in any Site groundwater samples, this high percentage recovery is not a concern.

Low percent recoveries (e.g., below 80%) are shown for 1,2-dibromo-3-chloropropane ("BDCP"), 2-chloroethyl vinyl ether ("CEVE "), and methylene chloride. At 78 to 79 percent, the percent recoveries for BDCP and methylene chloride were marginally lower than the lower QC limit of 80%. The percent recoveries for CEVE were as low as 33%. Calscience indicated that the low recoveries for CEVE were due to the quick degradation of this compound. These three compounds were not detected in Site groundwater samples collected during this monitoring event.

MS/MSD sample pair results analyzed by Calscience were within the control limits for all compounds except for those listed below:

| MS/MSD Batch Number | Compounds | MS % Recovery | MSD % Recovery | QC Limit |
|---|---|---|---|---|
| 040510S01 | 1,4-dichlorobenzene | 34 | 41 | 36-118 |
| 040510S01 | 1,2,4-trichlorobenzene | 39 | 50 | 42-120 |
| 040510S02 | 1,2,3-TCP | 122 | 105 | 80-120 |
| 040511S01 | 1,2,3-TCP | 122 | 102 | 80-120 |
| 040511S02 | MTBE | 79 | 94 | 80-120 |
| 040513S02 | ethyl-t-butyl ether | 67 | 71 | 79-121 |
| 040513S02 | tert-amyl-methyl-ether | 72 | 74 | 85-115 |
| 040513S02 | zinc | 76 | 78 | 80-120 |

The low and high recoveries in these samples were attributed to matrix interferences as indicated in the Calscience reports (see Appendix B).

Relative percent differences ("RPDs") of MS/MSD samples that exceeded control limits are summarized in the following table:

| MS/MSD Batch Number | Compounds | MS % Recovery | MSD % Recovery | RPD | RPD Control Limit |
|---|---|---|---|---|---|
| 040510S01 | phenol | 91 | 66 | 32 | 0-23 |
| 040510S01 | 2-chlorophenol | 84 | 68 | 21 | 10-18 |
| 040510S01 | 1,2,4-trichlorobenzene | 39 | 50 | 25 | 0-21 |
| 040511S02 | ethanol | 65 | 96 | 38 | 0-25 |
| 040514S01 | 1,2,3-TCP | 112 | 91 | 21 | 0-20 |

According to Calscience, the high RPDs were also due to matrix interferences. Since the corresponding LCS results were within the control limits, the analyses performed for this monitoring event do not appear to have been affected by matrix interferences.

| Surrogate Sample Number | Compounds | % Recovery | Control Limits |
|---|---|---|---|
| PMW-24 | p-terphenyl-d14 | 179 | 23-160 |
| PMW-31 | p-terphenyl-d14 | 194 | 23-160 |
| PMW-32 | p-terphenyl-d14 | 177 | 23-160 |
| PMW-34 | p-terphenyl-d14 | 175 | 23-160 |
| PMW-23 | p-terphenyl-d14 | 199 | 23-160 |
| PMW-12 | p-terphenyl-d14 | 177 | 23-160 |
| MW-8 | p-terphenyl-d14 | 183 | 23-160 |
| MW-7 | p-terphenyl-d14 | 183 | 23-160 |
| MW-4 | p-terphenyl-d14 | 183 | 23-160 |
| PMW-10 | p-terphenyl-d14 | 180 | 23-160 |
| PMW-15 | p-terphenyl-d14 | 179 | 23-160 |
| PMW-21B | p-terphenyl-d14 | 175 | 23-160 |
| DUP-3 | p-terphenyl-d14 | 192 | 23-160 |
| PMW-9 | p-terphenyl-d14 | 189 | 23-160 |
| PMW-14 | p-terphenyl-d14 | 164 | 23-160 |

According to Calscience, the high recoveries for p-terpheny-d14 are due to matrix interference. This compound was not detected in any of the groundwater samples analyzed during this monitoring event.

All samples were analyzed within the acceptable holding time.

## 2.8 Proposed Modifications to the Groundwater Sampling Program

Modifications to the analytical testing program for the quarterly groundwater monitoring program were most recently proposed in the *Quarterly Progress and Remediation Report First Quarter 2004* (EKI, 2004d). Price Pfister has not received written comments from the RWQCB regarding the proposed changes. The proposed modifications to the analytical testing program for the quarterly groundwater monitoring program are as follows:

*For On-Site Wells:*

- VOCs: Analysis for VOCs is ongoing for all remaining Site groundwater monitoring wells and no change is proposed.

- Metals, including hexavalent chromium: Analysis for metals, including hexavalent chromium is ongoing for all remaining Site groundwater monitoring wells and no change is proposed.

- Cyanide: Analysis of cyanide was discontinued after the fourth quarter of 2003, because cyanide had not been detected in five consecutive prior monitoring events.

- Total volatile petroleum hydrocarbons ("TVPH"): Analysis for TVPH was discontinued beginning with the fourth quarter 2003, as agreed by the RWQCB staff during a Site visit on 16 October 2003.

- Total extractable petroleum hydrocarbons ("TEPH"): Analysis of TEPH is on-going, but only for wells in the Building A Area (i.e., MW-4 through MW-8 and PMW-14). Analysis for TEPH will be continued for wells near Building A because of the presence of free hydrocarbon product on groundwater at this location.

- Emergent chemicals: Analysis of 1,4-dioxane, 1,2,3-trichloropropane, perchlorate, and nitrosodiethylamine is being reviewed as part of an evaluation of all emergent chemical sampling results for the Site (EKI, 2004c).

*For Off-Site wells:*

- Off-Site wells PMW-19 and PMW-20: EKI has requested off-Site wells PMW-19 and PMW-20 be analyzed for VOCs only. Analysis of groundwater samples from these wells for other compounds have either not been detected or, in the case of metals, do not appear to be at concentrations above typical background concentrations.

# 3 SOIL VAPOR MONITORING

Sampling of the soil vapor monitoring wells at the Site was performed from 7 to 12 May 2004, approximately one month after shutdown and decommissioning of the SVE systems in the Central Building P and Oil Staging Areas of the Site. The results of on-site and off-site laboratory analyses of the soil vapor samples are summarized in Tables 8 and 9 and the following sections.

Following the soil vapor sampling in May 2004, 23 soil vapor monitoring wells (SVMW-201, 202, and 205 through 225) at the Site were abandoned in accordance with the *Work Plan for Abandonment of Wells at the Former Price Pfister, Inc. Facility* (EKI, 2004b). The soil vapor monitoring wells were abandoned by removing the wellhead materials to a depth of three feet beneath the ground surface and backfilling the resulting hole with neat cement grout with up to five percent bentonite. In addition, the soil vapor monitoring probes attached to groundwater monitoring wells PMW-28, PMW-30, PMW-31, and PMW-34 were destroyed during the abandonment of these wells (see Section 3 above).

## 3.1 Soil Vapor Monitoring Well Sampling

Soil vapor samples were collected from all 37 soil vapor monitoring wells at the Site and were analyzed by InterPhase Environmental, Inc. of Los Angeles, California in accordance with RWQCB guidance (RWQCB, 1997). Samples were collected and analyzed on-site. Vapor monitoring well locations are presented in Figure 2, and well construction details are provided in Table 1. Table 8 summarizes analytical data for soil vapor samples collected from all soil vapor monitoring wells at the Site. The results are summarized on Figures 17 and 18, which show that the VOCs in soil vapor have been substantially remediated.

Standard mobile laboratory quality control measures were implemented consistent with RWQCB guidance. No analytes were detected above the laboratory reporting limit for the field blanks or method blanks analyzed during this monitoring event. The relative percentage differences ("RPDs") of the laboratory control sample duplicates were within acceptable ranges. Also, nine field duplicate samples were collected in stainless steel Summa-passivated canisters for constituent confirmation purposes, and were analyzed by Calscience, an independent laboratory, using EPA Method TO-15. Laboratory quality control results are provided in Table 8 and the laboratory reports included in Appendix B.

## 3.2 Soil Vapor Extraction Well Sampling

EKI collected soil vapor samples of undiluted influent to the SVE system in the Oil Staging area of the Site (i.e., the combined total influent of the SVE wells for each system) and from the three SVE wells (PSVE-5, PSVE-6, and PSVE-7) associated with the Oil Staging SVE system on 6 April 2004. No other vapor samples were collected

from the two SVE systems at the Site during the second quarter of 2004. The Central Building P and Oil Staging SVE systems were shut down on 2 and 6 April 2004, respectively, and were decommissioned shortly thereafter. The soil vapor samples collected on April 6 were collected in stainless steel Summa-passivated canisters, and were transported to Calscience for analysis of VOCs using EPA Method TO-15. Analytical results for these samples are summarized in Table 9. Copies of analytical laboratory reports are presented in Appendix B. The results of the laboratory analyses are discussed briefly in Section 4.3.

Standard laboratory quality control procedures were implemented including analyses of laboratory duplicates and method blanks. The relative percentage differences ("RPDs") of the laboratory duplicates were within acceptable ranges. No analytes were detected in the method blank samples for this project. Field duplicate soil vapor samples were collected from the undiluted blower influent to the Oil Staging SVE system on 6 April 2004 (see Table 9). The RPDs for the duplicate analyses were in the acceptable range of sampling and analytical reproducibility. Laboratory quality control results are provided with the laboratory reports included in Appendix B.

# 4 REMEDIATION PROGRESS

The IAS, SVE, and FHP recovery systems at the Site were operated for short periods at the beginning of the second quarter of 2004, and were then decommissioned to prepare for Site demolition and redevelopment. This section provides a brief summary of the remediation activities performed during the second quarter of 2004.

A rebound test was performed for the IAS and SVE systems during the first quarter of 2004 in accordance with a work plan previously submitted to the RWQCB (EKI, 2003b). The rebound period began on 23 December 2004 and lasted approximately seven weeks. The SVE systems were restarted on 18 February 2004. The air sparging systems were restarted on 2 March 2004 (Central Building P Area) and 4 March 2004 (Oil Staging Area).

## 4.1 Decommissioning of IAS and SVE Systems

In preparation for demolition activities at the Site that began during early May 2004, the IAS and SVE systems in the Central Building P and Oil Staging areas were shut down and demobilized during the first week of April 2004. The seven SVE wells were abandoned on 8 and 14 April 2004. Well abandonment included pressure grouting the casing and screen and cutting off the top of the well casing at least three feet below ground surface.

The results of SVE and IAS operations at the Site, findings from rebound tests, and the results of future soil confirmation sampling and analysis will be submitted to the RWQCB in a future report.

## 4.2 In Situ Air Sparging

The two IAS systems at the Site operated briefly during the first week of the second quarter 2004. The groundwater monitoring data described in Section 2 was used to prepare plots of PCE concentration in groundwater versus time for wells in the vicinity of the IAS systems in the Central Building P Area (see Figures 12, 13, and 14 for wells PMW-23 through PMW-25) and in the Oil Staging Area (see Figure 15 and 16 for wells PMW-11 and PMW-22). As shown on these plots, the PCE concentrations in groundwater at these wells decreased significantly during operation of the IAS systems. In May 2003 (just prior to start of IAS), the concentration of PCE in groundwater from well PMW-23 in Central Building P and PMW-11 at Oil Staging were 513 ug/L and 135 ug/L, respectively. In May 2004, the concentrations of PCE in groundwater at these same wells are 7.5 ug/L and 4 ug/L, respectively.

## 4.3 Soil Vapor Extraction

Graphical summaries of PCE concentrations in soil vapor over time, including before and after the rebound tests completed in the first and second quarters of 2004, are provided on Figures 17 and 18. These figures illustrate that SVE has been effective in remediating VOCs in soil at the Site. The final cumulative masses of VOCs removed at Central Building P and Oil Staging Areas are approximately 1,200 pounds and 920 pounds, respectively. The average daily mass removal by the SVE systems had dropped to low levels by the time of final shutdown in April 2004, i.e., approximately 0.2 pounds per day at both the Central Building P and Oil Staging areas. The daily mass removal results suggest that it is appropriate to collect confirmation soil samples to determine whether VOC remediation of soil is completed.

## 4.4 FHP Recovery

FHP recovery in the vicinity of Building A was initiated in late 1995 at well MW-1. The FHP recovery system was expanded when wells MW-2 and MW-3 were installed in 1998, and again in September 2002 with the installation of wells PMW-16 through PMW-18. The locations of the FHP recovery wells are shown on Figure 2. Table 1 contains construction details for the FHP recovery wells.

### 4.4.1 Automation of the FHP Recovery System

Construction of the automated FHP recovery system was performed between 6 to 12 January 2004 by Cornerstone Environmental Contractors, Inc. ("Cornerstone") of San Clemente, California, a State-of-California licensed remediation contractor. The automated system was constructed as described in EKI's letter to the RWQCB (EKI, 2003a). The automated FHP recovery system was composed of six groundwater wells with dedicated recovery pumps, sealed above grade well boxes, conveyance hosing, PVC containment piping, an air compressor, air hoses, a 500 gallon storage tank with automatic emergency shutoff switches, and a 700 gallon secondary containment tank with automatic emergency shutoff switches.

The automated FHP recovery system operated continuously until 26 April 2004 when the system was shut down and decommissioned prior to the beginning of demolition activities at the Site. Building A is scheduled for demolition during the third quarter of 2004. Post-demolition remediation plans for the Building A area will be presented to the RWQCB in future work plans.

Due to decreases in the elevation of the groundwater table in the region and at the Site, well MW-1 had been dry for over one-year and was abandoned on 17 June 2004. The well was abandoned by over-drilling the well casing to the total depth of the well and recovery of the well casing. The resulting borehole was backfilled with a neat cement grout containing up to five percent bentonite.

FHP recovery wells MW-2, MW-3, PMW-16, PMW-17, and PMW-18 will be protected during demolition of Building A for future FHP recovery activities.

### 4.4.2 FHP Recovery Operations

With the exception of occasional, limited shutdowns for maintenance and repairs, the automated FHP recovery system was operated continuously from 13 January through 26 April 2004. During FHP recovery system operations, the depths to FHP and water in each of the recovery wells were measured at least once per month (see Table 10). Table 11 summarizes the field measurements and operations of the FHP recovery system and cumulative FHP recovered. During the second quarter of 2004, the average FHP recovery by the system was approximately 2.3 gallons per day. Approximately 60 gallons of FHP were recovered by the system during the second quarter 2004, bringing the total FHP recovery in the Building A area to approximately 5,800 gallons.

# 5 REFERENCES


EKI, 31 January 2002a. *Work Plan for Additional Investigations, Price Pfister Facility, 13500 Paxton Street, Pacoima, California.*

EKI, 12 June 2002b. *Work Plan for Site Characterization and Soil Vapor Extraction Pilot Study, Price Pfister Facility, 13500 Paxton Street, Pacoima, California.*

EKI, 26 November 2003a. *Upgrades to the Interim free Hydrocarbon Product Recovery System, 13500 Paxton Street, Pacoima, California.*

EKI, 16 December 2003b. *Work Plan for Rebound Testing of Soil Vapor Extraction and In Situ Air Sparging Systems at the former Price Pfister Facility, 13500 Paxton Street, Pacoima, California.*

EKI, 14 January 2004a. *Quarterly Progress Report, Fourth Quarter 2003, Price Pfister Facility, 13500 Paxton Street, Pacoima, California.*

EKI, 24 February 2004b. *Work Plan for Abandonment of Wells at the former Price Pfister, Inc. Facility, 13500 Paxton Street, Pacoima, California.*

EKI, 8 March 2004c. *Emergent Chemicals Report, 13500 Paxton Street, Pacoima, California.*

EKI, 7 April 2004d. *Quarterly Progress Report, First Quarter 2004, Price Pfister Facility, 13500 Paxton Street, Pacoima, California.*

EKI, 30 June 2004e. *Analytical Results for Emergent Chemicals in Groundwater Using Lower Detection Limits, Price Pfister Facility, 13500 Paxton Street, Pacoima, California.*

RWQCB, 25 February 1997. *Interim Guidance for Active Soil Vapor Investigation.*

RWQCB, 24 July 2003a. *Comments on the Remedial Investigation Report, Former Price Pfister Site, 13500 Paxton Street, Pacoima, California (File No. 111.2696).*

RWQCB, 15 August 2003b. *Comments on the Redevelopment Remedial Action Plan, Former Price Pfister Site, 13500 Paxton Street, Pacoima, California (WIP File No. 111.2696, SLIC Site Identification No. 204DN00).*

RWQCB, 25 June 2004. *Comments on Soil Excavation Work Plan, Work Plan for Rebound Testing of Soil Vapor Extraction and In Situ Air Sparging Systems, and Work Plan for Abandonment of Wells, Former Price Pfister Site, 13500 Paxton Street, Pacoima, California (WIP File No. 111.2696, SLIC Site Identification No. 204DN00).*

# Table 1

## Summary of Well Construction Details

Price Pfister, Inc., 13500 Paxton Street, Pacoima, California

| Well | Date Installed | Date Abandoned | Total Depth of Boring (ft bgs) | Borehole Diameter (inches) | Elevation of Ground Surface (ft msl) (1) | Elevation of Top of Casing (ft msl) (1) | Well Casing and Intake Screen Details | | | | Soil Vapor Monitoring Well Construction Details | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Well Casing Diameter (inches) | Length of Screen (ft) | Screen Interval (ft bgs) | Screen Slot Size (inches) | Number of Vapor Screen Intervals (2) | Depth to Vapor Screens (ft bgs) |
| **Groundwater Monitoring Wells** | | | | | | | | | | | | |
| MW-4 | 12/29/98 | NA | 71.5 | 11 | -- | 1036.73 | 4 | 30 | 37.5 - 67.5 | 0.03 | -- | -- |
| MW-5 | 12/23/98 | NA | 71.5 | 11 | -- | 1035.44 | 4 | 30 | 37 - 67 | 0.03 | -- | -- |
| MW-6 | 12/22/98 | NA | 73 | 11 | -- | 1033.76 | 4 | 30 | 37.7 - 67.7 | 0.03 | -- | -- |
| MW-7 | 12/22/98 | NA | 75 | 11 | -- | 1033.80 | 4 | 30 | 39.1 - 69.1 | 0.03 | -- | -- |
| MW-8 | 05/23/00 | NA | 90 | 11 | -- | 1032.77 | 4 | 40 | 49.5 - 89.5 | 0.03 | -- | -- |
| A1 (3) | 06/03/97 | NA | 80 | 8 | 1051.76 | 1051.19 | 2 | 20 | 60 - 80 | 0.02 | -- | -- |
| A2 (3) | 06/04/97 | NA | 70 | 8 | 1042.42 | 1042.01 | 2 | 20 | 50 - 70 | 0.02 | -- | -- |
| PMW-19 | 11/19/02 | NA | 85 | 11 | 1026.98 | 1026.59 | 4 | 30 | 55 - 85 | 0.03 | -- | -- |
| PMW-20 | 11/18/02 | NA | 90 | 11 | 1032.38 | 1031.75 | 4 | 30 | 55 - 85 | 0.03 | -- | -- |
| PMW-21B | 11/15/02 | NA | 110.5 | 11 | 1035.95 | 1035.45 | 4 | 10 | 98.5 - 108.5 | 0.03 | -- | -- |
| PMW-22 | 11/20/02 | 05/11/04 | 70 | 9 | 1040.92 | 1040.97 | 4 | 20 | 50 - 70 | 0.03 | -- | -- |
| PMW-23 | 11/22/02 | 06/16/04 | 76 | 7.75 | 1041.95 | 1041.63 | 4 | 20 | 53 - 73 | 0.03 | -- | -- |
| PMW-24 | 11/22/02 | 06/17/04 | 75 | 9 | 1041.89 | 1041.62 | 4 | 20 | 54.5 - 74.5 | 0.03 | -- | -- |
| PMW-25 | 11/25/02 | 06/16/04 | 76 | 9 | 1041.67 | 1041.26 | 4 | 20 | 55 - 75 | 0.03 | -- | -- |
| PMW-26 | 12/04/02 | 06/18/04 | 76 | 7.75 | 1041.76 | 1041.43 | 2 | 20 | 55 - 75 | 0.03 | -- | -- |
| PMW-27 | 10/23/03 | NA | 86.5 | 7.75 | 1047.38 | 1046.65 | 2 | 30 | 56 - 86 | 0.02 | -- | -- |
| PMW-29 | 10/22/03 | 06/16/04 | 77 | 7.75 | 1041.71 | 1041.26 | 2 | 20 | 55 - 75 | 0.02 | -- | -- |
| PMW-32 | 10/24/03 | 06/16/04 | 80 | 7.75 | 1042.13 | 1041.74 | 2 | 20 | 55 - 75 | 0.02 | -- | -- |
| PMW-33 | 10/20/03 | 05/10/04 | 81.5 | 8 | 1043.24 | 1042.70 | 2 | 20 | 61 - 81 | 0.03 | -- | -- |
| PMW-35 | 10/17/03 | 05/07/04 | 82 | 8 | 1037.46 | 1037.08 | 2 | 30 | 50 - 80 | 0.03 | -- | -- |
| PMW-36 | 10/21/03 | 05/07/04 | 76.5 | 8 | 1037.01 | 1036.19 | 2 | 20 | 55.5 - 75.5 | 0.02 | -- | -- |

# Table 1

## Summary of Well Construction Details

Price Pfister, Inc., 13500 Paxton Street, Pacoima, California

| Well | Date Installed | Date Abandoned | Total Depth of Boring (ft bgs) | Borehole Diameter (inches) | Elevation of Ground Surface (ft msl) (1) | Elevation of Top of Casing (ft msl) (1) | Well Casing and Intake Screen Details | | | | Soil Vapor Monitoring Well Construction Details | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Well Casing Diameter (inches) | Length of Screen (ft) | Screen Interval (ft bgs) | Screen Slot Size (inches) | Number of Vapor Screen Intervals (2) | Depth to Vapor Screens (ft bgs) |
| **Soil Vapor/Groundwater Monitoring Wells** | | | | | | | | | | | | |
| PMW-9 | 07/10/02 | NA | 71.5 | 9 | 1033.96 | 1033.16 | 2 | 20 | 50 - 70 | 0.03 | 3 | 15, 30, 45 |
| PMW-10 | 07/15/02 | NA | 73 | 9 | 1039.33 | 1038.51 | 2 | 20 | 53 - 73 | 0.03 | 3 | 18, 33, 48 |
| PMW-11 | 07/10/02 | NA | 71.5 | 9 | 1039.06 | 1038.10 | 2 | 20 | 50 - 70 | 0.03 | 3 | 15, 30, 45 |
| PMW-12 | 06/24/02 | NA | 76 | 9 | 1043.61 | 1043.04 | 2 | 20 | 55 - 75 | 0.03 | 3 | 20, 35, 50 |
| PMW-13 | 07/11/02 | NA | 86.5 | 9 | 1031.34 | 1030.45 | 2 | 20 | 65 - 85 | 0.03 | 4 | 15, 30, 45, 60 |
| PMW-14 | 09/26/02 | NA | 98 | 12 | 1035.86 | 1035.42 | 4 | 30 | 65 - 95 | 0.03 | 4 | 15, 30, 45, 60 |
| PMW-15 | 07/15/02 | NA | 91.5 | 9 | 1038.58 | 1037.49 | 2 | 20 | 70 - 90 | 0.03 | 4 | 20, 35, 50, 65 |
| PMW-28 | 10/21/03 | 06/18/04 | 77 | 7.75 | 1041.71 | 1041.36 | 2 | 20 | 55 - 75 | 0.02 | 4 | 5, 20, 35, 50 |
| PMW-30 | 10/20/03 | 06/17/04 | 77 | 7.75 | 1041.66 | 1041.39 | 2 | 20 | 53.5 - 73.5 | 0.03 | 4 | 3.5, 18.5, 33.5, 48.5 |
| PMW-31 | 10/23/03 | 06/18/04 | 78 | 7.75 | 1041.85 | 1041.59 | 2 | 20 | 55 - 75 | 0.02 | 4 | 5, 20, 35, 50 |
| PMW-34 | 10/22/03 | 05/10/04 | 87.5 | 8 | 1043.85 | 1043.17 | 2 | 30 | 55 - 85 | 0.02 | 4 | 5, 20, 35, 50 |
| **Vapor Monitoring Wells** | | | | | | | | | | | | |
| SVMW-201 | 03/19/02 | NA | 46.5 | 8 | 1038.91 | -- | -- | -- | -- | -- | 3 | 15, 30, 45 |
| SVMW-202 | 03/20/02 | NA | 46.5 | 8 | 1041.88 | -- | -- | -- | -- | -- | 3 | 15, 30, 45 |
| SVMW-203 | 07/16/02 | NA | 49 | 9 | 1042.21 | -- | -- | -- | -- | -- | 3 | 18, 33, 48 |
| SVMW-204 | 07/17/02 | NA | 55 | 9 | 1047.90 | -- | -- | -- | -- | -- | 3 | 24, 39, 54 |
| SVMW-205 | 07/17/02 | 05/11/04 | 52 | 9 | 1045.41 | -- | -- | -- | -- | -- | 3 | 21, 36, 51 |
| SVMW-206 | 07/16/02 | 05/11/04 | 45 | 9 | 1035.14 | -- | -- | -- | -- | -- | 3 | 14, 29, 44 |
| SVMW-207 | 06/28/02 | 05/10/04 | 51.5 | 8 | 1041.54 | -- | -- | -- | -- | -- | 3 | 20, 35, 50 |
| SVMW-208 | 06/28/02 | 05/10/04 | 51.5 | 8 | 1041.61 | -- | -- | -- | -- | -- | 3 | 20, 35, 50 |
| SVMW-209 | 07/01/02 | 05/10/04 | 51.5 | 8 | 1041.86 | -- | -- | -- | -- | -- | 3 | 20, 35, 50 |
| SVMW-210 | 06/27/02 | 05/10/04 | 51.5 | 8 | 1042.14 | -- | -- | -- | -- | -- | 3 | 20, 35, 50 |
| SVMW-211 | 07/01/02 | 05/10/04 | 51.5 | 8 | 1042.26 | -- | -- | -- | -- | -- | 3 | 20, 35, 50 |

# Table 1

## Summary of Well Construction Details

Price Pfister, Inc., 13500 Paxton Street, Pacoima, California

| Well | Date Installed | Date Abandoned | Total Depth of Boring (ft bgs) | Borehole Diameter (inches) | Elevation of Ground Surface (ft msl) (1) | Elevation of Top of Casing (ft msl) (1) | Well Casing and Intake Screen Details | | | | Soil Vapor Monitoring Well Construction Details | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Well Casing Diameter (inches) | Length of Screen (ft) | Screen Interval (ft bgs) | Screen Slot Size (inches) | Number of Vapor Screen Intervals (2) | Depth to Vapor Screens (ft bgs) |
| **Vapor Monitoring Wells (continued)** | | | | | | | | | | | | |
| SVMW-212 | 07/02/02 | 05/10/04 | 51.5 | 8 | 1042.98 | -- | -- | -- | -- | -- | 3 | 20, 35, 50 |
| SVMW-213 | 07/16/02 | 05/11/04 | 50 | 9 | 1043.74 | -- | -- | -- | -- | -- | 3 | 19, 34, 49 |
| SVMW-214 | 07/09/02 | 05/11/04 | 47 | 9 | 1038.67 | -- | -- | -- | -- | -- | 3 | 16, 31, 46 |
| SVMW-215 | 12/15/03 | 05/10/04 | 6 | 2.5 | NS (4) | -- | -- | -- | -- | -- | 1 | 5 |
| SVMW-216 | 12/15/03 | 05/10/04 | 6 | 2.5 | NS | -- | -- | -- | -- | -- | 1 | 5 |
| SVMW-217 | 12/15/03 | 05/10/04 | 6 | 2.5 | NS | -- | -- | -- | -- | -- | 1 | 5 |
| SVMW-218 | 12/15/03 | 05/10/04 | 6 | 2.5 | NS | -- | -- | -- | -- | -- | 1 | 5 |
| SVMW-219 | 12/15/03 | 05/10/04 | 6 | 2.5 | NS | -- | -- | -- | -- | -- | 1 | 5 |
| SVMW-220 | 12/15/03 | 05/11/04 | 6 | 2.5 | NS | -- | -- | -- | -- | -- | 1 | 5 |
| SVMW-221 | 12/15/03 | 05/11/04 | 6 | 2.5 | NS | -- | -- | -- | -- | -- | 1 | 5 |
| SVMW-222 | 12/15/03 | 05/11/04 | 6 | 2.5 | NS | -- | -- | -- | -- | -- | 1 | 5 |
| SVMW-223 | 12/15/03 | 05/11/04 | 6 | 2.5 | NS | -- | -- | -- | -- | -- | 1 | 5 |
| SVMW-224 | 12/15/03 | 05/11/04 | 6 | 2.5 | NS | -- | -- | -- | -- | -- | 1 | 5 |
| SVMW-225 | 12/15/03 | 05/11/04 | 6 | 2.5 | NS | -- | -- | -- | -- | -- | 1 | 5 |
| **Vapor Extraction Wells** | | | | | | | | | | | | |
| PSVE-1 | 06/27/02 | 04/14/04 | 57 | 10 | 1041.85 | -- | 4 | 20 | 35 - 55 | 0.04 | -- | -- |
| PSVE-2 | 06/26/02 | 04/14/04 | 56.5 | 10 | 1042.05 | -- | 4 | 20 | 35 - 55 | 0.04 | -- | -- |
| PSVE-3 | 06/28/02 | 04/14/04 | 48 | 10 | 1041.94 | -- | 4 | 15 | 33 - 48 | 0.04 | -- | -- |
| PSVE-4 | 06/26/02 | 04/14/04 | 56.5 | 10 | 1041.91 | -- | 4 | 20 | 35 - 55 | 0.04 | -- | -- |
| PSVE-5 | 07/09/02 | 04/08/04 | 51.5 | 11 | 1038.76 | -- | 4 | 20 | 31 - 51 | 0.04 | -- | -- |
| PSVE-6 | 07/09/02 | 04/08/04 | 56.5 | 11 | 1042.77 | -- | 4 | 20 | 35 - 55 | 0.04 | -- | -- |
| PSVE-7 | 07/08/02 | 04/08/04 | 56.5 | 11 | 1043.35 | -- | 4 | 20 | 35 - 55 | 0.04 | -- | -- |

# Table 1

## Summary of Well Construction Details

Price Pfister, Inc., 13500 Paxton Street, Pacoima, California

| Well | Date Installed | Date Abandoned | Total Depth of Boring (ft bgs) | Borehole Diameter (inches) | Elevation of Ground Surface (ft msl) (1) | Elevation of Top of Casing (ft msl) (1) | Well Casing and Intake Screen Details | | | | Soil Vapor Monitoring Well Construction Details | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Well Casing Diameter (inches) | Length of Screen (ft) | Screen Interval (ft bgs) | Screen Slot Size (inches) | Number of Vapor Screen Intervals (2) | Depth to Vapor Screens (ft bgs) |
| **Free Hydrocarbon Product Collection Wells** | | | | | | | | | | | | |
| MW-1 | 08/03/88 | 06/17/04 | 60 | 10 | -- | 1036.63 | 10 | 10 | 46 - 56 | (5) | -- | -- |
| MW-2 | 06/30/98 | NA | 72 | 12 | -- | 1035.35 | 6 | 30 | 39 - 69 | 0.03 | -- | -- |
| MW-3 | 06/30/98 | NA | 70 | 12 | -- | 1033.71 | 6 | 30 | 37 - 67 | 0.03 | -- | -- |
| PMW-16 | 09/25/02 | NA | 76 | 12 | 1035.83 | 1035.30 | 6 | 30 | 44.5 - 74.5 | 0.03 | -- | -- |
| PMW-18 | 09/24/02 | NA | 70.5 | 12 | 1035.86 | 1035.32 | 6 | 30 | 40 - 70 | 0.03 | -- | -- |
| **Soil Vapor Monitoring/Free Hydrocarbon Product Collection Wells** | | | | | | | | | | | | |
| PMW-17 | 09/30/02 | NA | 78.5 | 15 | 1035.87 | 1035.22 | 6 | 30 | 45 - 75 | 0.03 | 3 | 10, 25, 40 |
| **In Situ Air Sparging Wells** | | | | | | | | | | | | |
| PIAS-1 | 04/29/03 | 06/15/04 | 79 | 8 | -- | 1041.57 | 2 | 5 | 71 - 76 | 0.04 | -- | -- |
| PIAS-2 | 04/25/03 | 06/15/04 | 91 | 8 | -- | 1044.55 | 2 | 5 | 85 - 90 | 0.04 | -- | -- |
| PIAS-3 | 04/28/03 | 06/15/04 | 91 | 8 | -- | 1041.46 | 2 | 5 | 85 - 90 | 0.04 | -- | -- |
| PIAS-4 | 04/29/03 | 06/14/04 | 91 | 8 | -- | 1041.67 | 2 | 5 | 85.5 - 90.5 | 0.04 | -- | -- |
| PIAS-5 | 04/23/03 | 04/15/04 | 91 | 8 | -- | 1043.71 | 2 | 5 | 85.5 - 90.5 | 0.04 | -- | -- |
| PIAS-6 | 04/22/03 | 06/15/04 | 91 | 8 | -- | 1043.89 | 2 | 5 | 85.5 - 90.5 | 0.04 | -- | -- |
| PIAS-7 | 04/17/03 | 04/12/04 | 89 | 8 | -- | 1040.85 | 2 | 5 | 83.5 - 88.5 | 0.04 | -- | -- |
| PIAS-8 | 04/21/03 | 04/09/04 | 89.5 | 8 | -- | 1041.19 | 2 | 5 | 83.5 - 88.5 | 0.04 | -- | -- |
| PIAS-9 | 04/17/03 | 04/12/04 | 89 | 8 | -- | 1041.10 | 2 | 5 | 83.5 - 88.5 | 0.04 | -- | -- |
| PIAS-10 | 04/16/03 | NA | 89.5 | 8 | -- | 1038.31 | 2 | 5 | 83 - 88 | 0.04 | -- | -- |
| PIAS-11 | 04/17/03 | 04/12/04 | 90 | 8 | -- | 1043.77 | 2 | 5 | 84 - 89 | 0.04 | -- | -- |
| PIAS-12 | 04/15/03 | 04/13/04 | 94.5 | 8 | -- | 1044.87 | 2 | 5 | 88.5 - 93.5 | 0.04 | -- | -- |
| PIAS-13 | 04/30/03 | 06/14/04 | 79 | 8 | -- | 1041.52 | 2 | 5 | 71 - 76 | 0.04 | -- | -- |

# Table 1

## Summary of Well Construction Details

Price Pfister, Inc., 13500 Paxton Street, Pacoima, California

**Abbreviations**

| | |
|---|---|
| ft | feet |
| ft bgs | feet below ground or floor surface |
| ft msl | feet relative to mean sea level |
| -- | not applicable |
| NS | Not Surveyed |

**Notes**

(1) Groundwater monitoring well locations were surveyed by Bill Carr Survey's, Inc., of Huntington Beach, California, a licensed Land Surveyor. Vertical coordinates were based on the National Vertical Geodetic Datum 1929, City of Los Angeles Benchmark 03-0210, elevation 1034.033 feet. TOC elevation data for groundwater monitoring wells and soil vapor/groundwater monitoring wells represent June 2003 survey results. Wells PIAS-1, PIAS-3, PIAS-4, PIAS-10, and PIAS-13 were resurveyed in April 2004, following decommissioning of the air sparging systems.

(2) Six-inch long stainless steel soil vapor intake screens were attached to the outer casing of the groundwater well or to a small diameter PVC support rod at the depths listed above. Dedicated Teflon-lined or Teflon tubing was connected to the probes and extends to ground surface for sampling. Vacuum rated fittings were used to cap the ends of the tubing.

(3) Groundwater monitoring wells A1 and A2 were installed on-Site by the California Department of Toxic Substances Control ("DTSC"). These wells are monitored by Arcadis Geraghty & Miller ("AGM") for the Holchem / Brenntag West, Inc. property located at 13456 Desmond Street, Pacoima, California.

(4) Shallow soil vapor monitoring wells installed on 15 December 2003 were not surveyed.

(5) After drilling boring MW-1, stainless-steel blank casing was placed in the boring to prevent it from collapsing. Two years later, this boring was converted to monitoring well MW-1 by plugging the bottom of the boring with concrete and perforating the casing *in situ* with approval of the California Regional Water Quality Control Board. The size of the perforations is unknown and no filter pack was placed around the casing of the well.

# Table 2
# Water Level Measurements in Groundwater Monitoring Wells Through June 2004 (1)

| Well | Date | Top of Casing Elevation (ft msl) (2) | Depth to Groundwater (ft below TOC) | Groundwater Elevation (ft msl) | Note |
|---|---|---|---|---|---|
| A1 | 08/16/2000 | 1052.80 | 65.50 | 987.30 | (3) |
| A1 | 11/16/2000 | 1052.80 | 65.81 | 986.99 | |
| A1 | 03/01/2001 | 1052.80 | 66.03 | 986.77 | |
| A1 | 05/30/2001 | 1052.80 | 66.09 | 986.71 | |
| A1 | 09/14/2001 | 1052.80 | 66.60 | 986.20 | |
| A1 | 12/17/2001 | 1052.80 | 66.94 | 985.86 | |
| A1 | 01/03/2002 | 1051.05 | 67.04 | 984.01 | |
| A1 | 03/07/2002 | 1051.05 | 67.39 | 983.66 | |
| A1 | 05/13/2002 | 1051.01 | 67.70 | 983.31 | |
| A1 | 06/21/2002 | 1051.01 | 68.01 | 983.00 | |
| A1 | 08/13/2002 | 1051.01 | 68.52 | 982.49 | |
| A1 | 11/11/2002 | 1051.01 | 69.45 | 981.56 | |
| A1 | 08/04/2003 | 1051.01 | 71.34 | 979.67 | (4)(5) |
| A1 | 11/05/2003 | 1051.01 | 71.38 | 979.63 | (6) |
| A1 | 02/09/2004 | 1051.01 | 71.13 | 979.88 | (6) |
| A1 | 04/26/2004 | 1051.01 | 71.37 | 979.64 | (6) |
| A2 | 08/16/2000 | 1043.74 | 56.63 | 987.11 | (3) |
| A2 | 11/16/2000 | 1043.74 | 56.96 | 986.78 | |
| A2 | 03/01/2001 | 1043.74 | 57.11 | 986.63 | |
| A2 | 05/30/2001 | 1043.74 | 57.19 | 986.55 | |
| A2 | 09/14/2001 | 1043.74 | 57.68 | 986.06 | |
| A2 | 12/17/2001 | 1043.74 | 58.02 | 985.72 | |
| A2 | 01/03/2002 | 1041.87 | 58.13 | 983.74 | |
| A2 | 03/08/2002 | 1041.87 | 58.46 | 983.41 | |
| A2 | 05/13/2002 | 1041.84 | 58.68 | 983.16 | |
| A2 | 06/21/2002 | 1041.84 | 59.64 | 982.20 | |
| A2 | 08/13/2002 | 1041.84 | 59.50 | 982.34 | |
| A2 | 11/11/2002 | 1041.84 | 60.52 | 981.32 | |
| A2 | 08/04/2003 | 1041.84 | 62.37 | 979.47 | (4)(5) |
| A2 | 11/05/2003 | 1041.84 | 62.44 | 979.40 | (6) |
| A2 | 02/09/2004 | 1041.84 | 62.19 | 979.65 | (6) |
| A2 | 04/26/2004 | 1041.84 | 62.43 | 979.41 | (6) |

# Table 2
# Water Level Measurements in Groundwater Monitoring Wells Through June 2004 (1)

| Well | Date | Top of Casing Elevation (ft msl) (2) | Depth to Groundwater (ft below TOC) | Groundwater Elevation (ft msl) | Note |
|---|---|---|---|---|---|
| MW-4 | 12/30/1998 | 1036.63 | 50.53 | 986.10 | |
| MW-4 | 01/08/1999 | 1036.63 | 50.50 | 986.13 | |
| MW-4 | 01/20/1999 | 1036.63 | 50.66 | 985.97 | |
| MW-4 | 02/25/1999 | 1036.63 | 50.32 | 986.31 | |
| MW-4 | 03/11/1999 | 1036.63 | 50.27 | 986.36 | |
| MW-4 | 05/28/1999 | 1036.63 | 50.08 | 986.55 | |
| MW-4 | 06/30/1999 | 1036.63 | 50.04 | 986.59 | |
| MW-4 | 08/30/1999 | 1036.63 | 49.89 | 986.74 | |
| MW-4 | 09/29/2000 | 1036.63 | 52.36 | 984.27 | |
| MW-4 | 12/28/2000 | 1036.63 | 52.52 | 984.11 | |
| MW-4 | 03/29/2001 | 1036.63 | 52.65 | 983.98 | |
| MW-4 | 06/21/2001 | 1036.63 | 52.83 | 983.80 | |
| MW-4 | 10/19/2001 | 1036.63 | 53.27 | 983.36 | |
| MW-4 | 12/14/2001 | 1036.63 | 53.47 | 983.16 | |
| MW-4 | 03/08/2002 | 1036.63 | 54.02 | 982.61 | |
| MW-4 | 05/13/2002 | 1036.63 | 54.25 | 982.38 | |
| MW-4 | 06/05/2002 | 1036.63 | 54.50 | 982.13 | |
| MW-4 | 08/12/2002 | 1036.63 | 52.33 | 984.30 | (7) |
| MW-4 | 11/07/2002 | 1036.63 | 56.26 | 980.37 | |
| MW-4 | 12/04/2002 | 1036.63 | 56.10 | 980.53 | |
| MW-4 | 12/18/2002 | 1036.63 | 56.25 | 980.38 | |
| MW-4 | 01/06/2003 | 1036.63 | 56.75 | 979.88 | |
| MW-4 | 03/19/2003 | 1036.73 | 57.00 | 979.73 | |
| MW-4 | 05/05/2003 | 1036.73 | 57.30 | 979.43 | |
| MW-4 | 08/04/2003 | 1036.73 | 57.89 | 978.84 | |
| MW-4 | 11/05/2003 | 1036.73 | 57.68 | 979.05 | |
| MW-4 | 02/09/2004 | 1036.73 | 57.64 | 979.09 | |
| MW-4 | 04/26/2004 | 1036.73 | 57.72 | 979.01 | |
| MW-5 | 12/23/1998 | 1035.35 | 49.12 | 986.23 | |
| MW-5 | 12/30/1998 | 1035.35 | 49.07 | 986.28 | |
| MW-5 | 01/12/1999 | 1035.35 | 49.03 | 986.32 | |
| MW-5 | 01/20/1999 | 1035.35 | 48.99 | 986.36 | |

# Table 2
# Water Level Measurements in Groundwater Monitoring Wells Through June 2004 (1)

| Well | Date | Top of Casing Elevation (ft msl) (2) | Depth to Groundwater (ft below TOC) | Groundwater Elevation (ft msl) | Note |
|---|---|---|---|---|---|
| MW-5 | 02/25/1999 | 1035.35 | 48.84 | 986.51 | |
| MW-5 | 03/11/1999 | 1035.35 | 48.80 | 986.55 | |
| MW-5 | 05/28/1999 | 1035.35 | 48.60 | 986.75 | |
| MW-5 | 06/30/1999 | 1035.35 | 48.54 | 986.81 | |
| MW-5 | 08/30/1999 | 1035.35 | 48.41 | 986.94 | |
| MW-5 | 09/29/2000 | 1035.35 | 50.89 | 984.46 | |
| MW-5 | 12/28/2000 | 1035.35 | 51.04 | 984.31 | |
| MW-5 | 03/29/2001 | 1035.35 | 51.18 | 984.17 | |
| MW-5 | 06/21/2001 | 1035.35 | 51.36 | 983.99 | |
| MW-5 | 10/19/2001 | 1035.35 | 51.82 | 983.53 | |
| MW-5 | 12/14/2001 | 1035.35 | 52.02 | 983.33 | |
| MW-5 | 03/08/2002 | 1035.35 | 52.55 | 982.80 | |
| MW-5 | 05/13/2002 | 1035.35 | 52.78 | 982.57 | |
| MW-5 | 06/05/2002 | 1035.35 | 53.06 | 982.29 | |
| MW-5 | 08/12/2002 | 1035.35 | 53.37 | 981.98 | |
| MW-5 | 11/07/2002 | 1035.35 | 54.89 | 980.46 | |
| MW-5 | 12/04/2002 | 1035.35 | 54.66 | 980.69 | |
| MW-5 | 12/18/2002 | 1035.35 | 54.82 | 980.53 | |
| MW-5 | 01/06/2003 | 1035.35 | 55.40 | 979.95 | |
| MW-5 | 03/19/2003 | 1035.44 | 55.56 | 979.88 | |
| MW-5 | 05/05/2003 | 1035.44 | 55.85 | 979.59 | |
| MW-5 | 08/04/2003 | 1035.44 | 56.45 | 978.99 | |
| MW-5 | 11/05/2003 | 1035.44 | 56.25 | 979.19 | |
| MW-5 | 02/09/2004 | 1035.44 | 56.20 | 979.24 | |
| MW-5 | 04/26/2004 | 1035.44 | 56.40 | 979.04 | |
| MW-6 | 12/23/1998 | 1033.71 | 47.84 | 985.87 | |
| MW-6 | 12/30/1998 | 1033.71 | 47.80 | 985.91 | |
| MW-6 | 01/08/1999 | 1033.71 | 47.76 | 985.95 | |
| MW-6 | 01/20/1999 | 1033.71 | 47.92 | 985.79 | |
| MW-6 | 02/25/1999 | 1033.71 | 47.56 | 986.15 | |
| MW-6 | 03/11/1999 | 1033.71 | 47.53 | 986.18 | |
| MW-6 | 05/28/1999 | 1033.71 | 47.33 | 986.38 | |

# Table 2
# Water Level Measurements in Groundwater Monitoring Wells Through June 2004 (1)

| Well | Date | Top of Casing Elevation (ft msl) (2) | Depth to Groundwater (ft below TOC) | Groundwater Elevation (ft msl) | Note |
|---|---|---|---|---|---|
| MW-6 | 06/30/1999 | 1033.71 | 47.30 | 986.41 | |
| MW-6 | 08/30/1999 | 1033.71 | 47.14 | 986.57 | |
| MW-6 | 09/29/2000 | 1033.71 | 49.55 | 984.16 | |
| MW-6 | 12/28/2000 | 1033.71 | 49.71 | 984.00 | |
| MW-6 | 03/29/2001 | 1033.71 | 49.84 | 983.87 | |
| MW-6 | 06/21/2001 | 1033.71 | 50.01 | 983.70 | |
| MW-6 | 10/19/2001 | 1033.71 | 50.45 | 983.26 | |
| MW-6 | 12/14/2001 | 1033.71 | 50.65 | 983.06 | |
| MW-6 | 03/08/2002 | 1033.71 | 51.20 | 982.51 | |
| MW-6 | 05/13/2002 | 1033.71 | 51.40 | 982.31 | |
| MW-6 | 06/05/2002 | 1033.71 | 51.67 | 982.04 | |
| MW-6 | 08/12/2002 | 1033.71 | 51.95 | 981.76 | |
| MW-6 | 11/07/2002 | 1033.71 | 53.44 | 980.27 | |
| MW-6 | 12/04/2002 | 1033.71 | 53.25 | 980.46 | |
| MW-6 | 12/18/2002 | 1033.71 | 53.38 | 980.33 | |
| MW-6 | 01/06/2003 | 1033.71 | 53.96 | 979.75 | |
| MW-6 | 03/19/2003 | 1033.76 | 54.14 | 979.62 | |
| MW-6 | 05/05/2003 | 1033.76 | 54.43 | 979.33 | |
| MW-6 | 08/04/2003 | 1033.76 | 55.01 | 978.75 | |
| MW-6 | 11/05/2003 | 1033.76 | 54.82 | 978.94 | |
| MW-6 | 02/09/2004 | 1033.76 | 54.78 | 978.98 | |
| MW-6 | 04/26/2004 | 1033.76 | 54.85 | 978.91 | |
| MW-7 | 12/23/1998 | 1033.72 | 48.56 | 985.16 | |
| MW-7 | 12/30/1998 | 1033.72 | 48.51 | 985.21 | |
| MW-7 | 01/08/1999 | 1033.72 | 48.50 | 985.22 | |
| MW-7 | 01/20/1999 | 1033.72 | 48.39 | 985.33 | |
| MW-7 | 02/25/1999 | 1033.72 | 48.25 | 985.47 | |
| MW-7 | 03/11/1999 | 1033.72 | 48.21 | 985.51 | |
| MW-7 | 05/28/1999 | 1033.72 | 48.04 | 985.68 | |
| MW-7 | 06/30/1999 | 1033.72 | 48.01 | 985.71 | |
| MW-7 | 08/30/1999 | 1033.72 | 47.88 | 985.84 | |
| MW-7 | 09/29/2000 | 1033.72 | 50.14 | 983.58 | |

# Table 2
# Water Level Measurements in Groundwater Monitoring Wells Through June 2004 (1)

| Well | Date | Top of Casing Elevation (ft msl) (2) | Depth to Groundwater (ft below TOC) | Groundwater Elevation (ft msl) | Note |
|---|---|---|---|---|---|
| MW-7 | 12/28/2000 | 1033.72 | 50.28 | 983.44 | |
| MW-7 | 03/29/2001 | 1033.72 | 50.40 | 983.32 | |
| MW-7 | 06/21/2001 | 1033.72 | 50.57 | 983.15 | |
| MW-7 | 10/19/2001 | 1033.72 | 51.00 | 982.72 | |
| MW-7 | 12/14/2001 | 1033.72 | 51.20 | 982.52 | |
| MW-7 | 03/08/2002 | 1033.72 | 51.70 | 982.02 | |
| MW-7 | 05/13/2002 | 1033.72 | 51.92 | 981.80 | |
| MW-7 | 06/05/2002 | 1033.72 | 52.18 | 981.54 | |
| MW-7 | 08/12/2002 | 1033.72 | 52.35 | 981.37 | |
| MW-7 | 11/07/2002 | 1033.72 | 53.78 | 979.94 | |
| MW-7 | 12/04/2002 | 1033.72 | 53.71 | 980.01 | |
| MW-7 | 12/18/2002 | 1033.72 | 53.86 | 979.86 | |
| MW-7 | 01/06/2003 | 1033.72 | 54.44 | 979.28 | |
| MW-7 | 03/19/2003 | 1033.80 | 54.60 | 979.20 | |
| MW-7 | 05/05/2003 | 1033.80 | 54.88 | 978.92 | |
| MW-7 | 08/04/2003 | 1033.80 | 55.47 | 978.33 | |
| MW-7 | 11/05/2003 | 1033.80 | 55.29 | 978.51 | |
| MW-7 | 02/09/2004 | 1033.80 | 55.13 | 978.67 | |
| MW-7 | 04/26/2004 | 1033.80 | 55.43 | 978.37 | |
| MW-8 | 09/29/2000 | 1032.68 | 66.37 | 966.31 | |
| MW-8 | 12/28/2000 | 1032.68 | 66.61 | 966.07 | |
| MW-8 | 03/29/2001 | 1032.68 | 66.36 | 966.32 | |
| MW-8 | 06/21/2001 | 1032.68 | 66.50 | 966.18 | |
| MW-8 | 10/19/2001 | 1032.68 | 66.91 | 965.77 | |
| MW-8 | 12/14/2001 | 1032.68 | 67.09 | 965.59 | |
| MW-8 | 03/08/2002 | 1032.68 | 67.54 | 965.14 | |
| MW-8 | 05/13/2002 | 1032.68 | 67.69 | 964.99 | |
| MW-8 | 06/05/2002 | 1032.68 | 67.84 | 964.84 | |
| MW-8 | 08/12/2002 | 1032.68 | 68.03 | 964.65 | |
| MW-8 | 11/07/2002 | 1032.68 | 69.18 | 963.50 | |
| MW-8 | 12/04/2002 | 1032.68 | 68.70 | 963.98 | |
| MW-8 | 12/18/2002 | 1032.68 | 68.79 | 963.89 | |

# Table 2
# Water Level Measurements in Groundwater Monitoring Wells Through June 2004 (1)

| Well | Date | Top of Casing Elevation (ft msl) (2) | Depth to Groundwater (ft below TOC) | Groundwater Elevation (ft msl) | Note |
|---|---|---|---|---|---|
| MW-8 | 01/06/2003 | 1032.68 | 69.25 | 963.43 | |
| MW-8 | 03/19/2003 | 1032.77 | 69.16 | 963.61 | |
| MW-8 | 05/05/2003 | 1032.77 | 69.30 | 963.47 | |
| MW-8 | 08/04/2003 | 1032.77 | 69.71 | 963.06 | |
| MW-8 | 11/05/2003 | 1032.77 | 69.77 | 963.00 | |
| MW-8 | 02/09/2004 | 1032.77 | 69.93 | 962.84 | |
| MW-8 | 04/26/2004 | 1032.77 | 69.20 | 963.57 | |
| PIAS-1 | 05/05/2003 | 1045.95 | 65.98 | 979.97 | |
| PIAS-1 | 02/09/2004 | 1045.95 | 65.92 | 980.03 | |
| PIAS-1 | 04/26/2004 | 1041.57 | 62.08 | 979.49 | |
| PIAS-10 | 05/05/2003 | 1041.23 | 61.34 | 979.89 | |
| PIAS-10 | 02/09/2004 | 1041.23 | 61.23 | 980.00 | |
| PIAS-10 | 04/26/2004 | 1038.31 | 59.10 | 979.21 | |
| PIAS-11 | 05/05/2003 | 1043.77 | 63.75 | 980.02 | |
| PIAS-11 | 02/09/2004 | 1043.77 | 63.62 | 980.15 | |
| PIAS-12 | 05/05/2003 | 1044.87 | 64.82 | 980.05 | |
| PIAS-12 | 02/09/2004 | 1044.87 | 64.77 | 980.10 | |
| PIAS-13 | 05/05/2003 | 1046.45 | 66.28 | 980.17 | |
| PIAS-13 | 02/09/2004 | 1046.45 | 66.12 | 980.33 | |
| PIAS-13 | 04/26/2004 | 1041.52 | 62.02 | 979.50 | |
| PIAS-2 | 05/05/2003 | 1044.55 | 64.40 | 980.15 | |
| PIAS-2 | 02/09/2004 | 1044.55 | 64.21 | 980.34 | |
| PIAS-3 | 05/05/2003 | 1044.45 | 64.31 | 980.14 | |
| PIAS-3 | 02/09/2004 | 1044.45 | 64.12 | 980.33 | |
| PIAS-3 | 04/26/2004 | 1041.46 | 61.95 | 979.51 | |
| PIAS-4 | 05/05/2003 | 1043.84 | 63.78 | 980.06 | |
| PIAS-4 | 02/09/2004 | 1043.84 | 63.54 | 980.30 | |
| PIAS-4 | 04/26/2004 | 1041.67 | 62.17 | 979.50 | |
| PIAS-5 | 05/05/2003 | 1043.71 | 63.74 | 979.97 | |
| PIAS-5 | 02/09/2004 | 1043.71 | 63.71 | 980.00 | |
| PIAS-6 | 05/05/2003 | 1043.89 | 63.76 | 980.13 | |
| PIAS-6 | 02/09/2004 | 1043.89 | 63.62 | 980.27 | |

# Table 2
# Water Level Measurements in Groundwater Monitoring Wells Through June 2004 (1)

| Well | Date | Top of Casing Elevation (ft msl) (2) | Depth to Groundwater (ft below TOC) | Groundwater Elevation (ft msl) | Note |
|---|---|---|---|---|---|
| PIAS-7 | 05/05/2003 | 1040.85 | 60.85 | 980.00 | |
| PIAS-7 | 02/09/2004 | 1040.85 | 60.65 | 980.20 | |
| PIAS-8 | 05/05/2003 | 1041.19 | 61.16 | 980.03 | |
| PIAS-8 | 02/09/2004 | 1041.19 | 60.98 | 980.21 | |
| PIAS-9 | 05/05/2003 | 1041.10 | 61.21 | 979.89 | |
| PIAS-9 | 02/09/2004 | 1041.10 | 61.07 | 980.03 | |
| PMW-10 | 08/12/2002 | 1038.53 | 56.50 | 982.03 | |
| PMW-10 | 11/07/2002 | 1038.53 | 57.93 | 980.60 | |
| PMW-10 | 12/04/2002 | 1038.53 | 58.20 | 980.33 | |
| PMW-10 | 12/18/2002 | 1038.53 | 57.80 | 980.73 | |
| PMW-10 | 01/06/2003 | 1038.53 | 58.47 | 980.06 | |
| PMW-10 | 03/19/2003 | 1038.51 | 58.57 | 979.94 | |
| PMW-10 | 05/05/2003 | 1038.51 | 58.98 | 979.53 | |
| PMW-10 | 08/04/2003 | 1038.51 | 59.45 | 979.06 | |
| PMW-10 | 11/05/2003 | 1038.51 | 59.38 | 979.13 | |
| PMW-10 | 02/09/2004 | 1038.51 | 59.22 | 979.29 | |
| PMW-10 | 04/26/2004 | 1038.51 | 59.40 | 979.11 | |
| PMW-11 | 08/12/2002 | 1038.11 | 56.00 | 982.11 | |
| PMW-11 | 11/07/2002 | 1038.11 | 57.35 | 980.76 | |
| PMW-11 | 12/04/2002 | 1038.11 | 57.60 | 980.51 | |
| PMW-11 | 12/18/2002 | 1038.11 | 57.23 | 980.88 | |
| PMW-11 | 01/06/2003 | 1038.11 | 57.89 | 980.22 | |
| PMW-11 | 03/19/2003 | 1038.10 | 58.00 | 980.10 | |
| PMW-11 | 05/05/2003 | 1038.10 | 58.37 | 979.73 | |
| PMW-11 | 06/26/2003 | 1038.10 | 58.86 | 979.24 | |
| PMW-11 | 07/10/2003 | 1038.10 | 58.75 | 979.35 | |
| PMW-11 | 08/04/2003 | 1038.10 | 58.91 | 979.19 | |
| PMW-11 | 09/03/2003 | 1038.10 | 58.98 | 979.12 | |
| PMW-11 | 11/05/2003 | 1038.10 | 58.86 | 979.24 | |
| PMW-11 | 12/16/2003 | 1038.10 | 58.51 | 979.59 | |
| PMW-11 | 01/06/2004 | 1038.10 | 58.69 | 979.41 | |
| PMW-11 | 02/09/2004 | 1038.10 | 58.63 | 979.47 | |

# Table 2
# Water Level Measurements in Groundwater Monitoring Wells Through June 2004 (1)

| Well | Date | Top of Casing Elevation (ft msl) (2) | Depth to Groundwater (ft below TOC) | Groundwater Elevation (ft msl) | Note |
|---|---|---|---|---|---|
| PMW-11 | 04/26/2004 | 1038.10 | 58.87 | 979.23 | |
| PMW-12 | 08/12/2002 | 1043.04 | 60.84 | 982.20 | |
| PMW-12 | 11/07/2002 | 1043.04 | 62.26 | 980.78 | |
| PMW-12 | 12/04/2002 | 1043.04 | 62.54 | 980.50 | |
| PMW-12 | 12/18/2002 | 1043.04 | 62.10 | 980.94 | |
| PMW-12 | 01/06/2003 | 1043.04 | 62.82 | 980.22 | |
| PMW-12 | 03/19/2003 | 1043.04 | 62.87 | 980.17 | |
| PMW-12 | 05/05/2003 | 1043.04 | 63.30 | 979.74 | |
| PMW-12 | 08/04/2003 | 1043.04 | 63.74 | 979.30 | |
| PMW-12 | 09/03/2003 | 1043.04 | 63.85 | 979.19 | |
| PMW-12 | 11/05/2003 | 1043.04 | 63.65 | 979.39 | |
| PMW-12 | 02/09/2004 | 1043.04 | 63.51 | 979.53 | |
| PMW-12 | 04/26/2004 | 1043.04 | 63.70 | 979.34 | |
| PMW-13 | 08/12/2002 | 1030.46 | 67.70 | 962.76 | |
| PMW-13 | 11/07/2002 | 1030.46 | 68.65 | 961.81 | |
| PMW-13 | 12/04/2002 | 1030.46 | 68.79 | 961.67 | |
| PMW-13 | 12/18/2002 | 1030.46 | 68.28 | 962.18 | |
| PMW-13 | 01/06/2003 | 1030.46 | 68.94 | 961.52 | |
| PMW-13 | 03/19/2003 | 1030.45 | 68.62 | 961.83 | |
| PMW-13 | 05/05/2003 | 1030.45 | 68.87 | 961.58 | |
| PMW-13 | 08/04/2003 | 1030.45 | 69.13 | 961.32 | |
| PMW-13 | 11/05/2003 | 1030.45 | 69.33 | 961.12 | |
| PMW-13 | 02/09/2004 | 1030.45 | 69.47 | 960.98 | |
| PMW-13 | 04/26/2004 | 1030.45 | 69.49 | 960.96 | |
| PMW-14 | 10/22/2002 | 1035.42 | 70.68 | 964.74 | |
| PMW-14 | 11/07/2002 | 1035.42 | 71.36 | 964.06 | |
| PMW-14 | 12/04/2002 | 1035.42 | 70.94 | 964.48 | |
| PMW-14 | 12/18/2002 | 1035.42 | 71.03 | 964.39 | |
| PMW-14 | 01/06/2003 | 1035.42 | 71.66 | 963.76 | |
| PMW-14 | 03/19/2003 | 1035.42 | 71.43 | 963.99 | |
| PMW-14 | 05/05/2003 | 1035.42 | 71.58 | 963.84 | |
| PMW-14 | 08/04/2003 | 1035.42 | 71.96 | 963.46 | |

# Table 2
# Water Level Measurements in Groundwater Monitoring Wells Through June 2004 (1)

| Well | Date | Top of Casing Elevation (ft msl) (2) | Depth to Groundwater (ft below TOC) | Groundwater Elevation (ft msl) | Note |
|---|---|---|---|---|---|
| PMW-14 | 11/05/2003 | 1035.42 | 72.28 | 963.14 | |
| PMW-14 | 02/09/2004 | 1035.42 | 72.33 | 963.09 | |
| PMW-14 | 04/26/2004 | 1035.42 | 72.49 | 962.93 | |
| PMW-15 | 08/12/2002 | 1037.49 | 71.07 | 966.42 | |
| PMW-15 | 11/07/2002 | 1037.49 | 72.02 | 965.47 | |
| PMW-15 | 12/04/2002 | 1037.49 | 72.19 | 965.30 | |
| PMW-15 | 12/18/2002 | 1037.49 | 71.76 | 965.73 | |
| PMW-15 | 01/06/2003 | 1037.49 | 72.35 | 965.14 | |
| PMW-15 | 03/19/2003 | 1037.49 | 72.17 | 965.32 | |
| PMW-15 | 05/05/2003 | 1037.49 | 72.40 | 965.09 | |
| PMW-15 | 08/04/2003 | 1037.49 | 72.73 | 964.76 | |
| PMW-15 | 11/05/2003 | 1037.49 | 72.93 | 964.56 | |
| PMW-15 | 02/09/2004 | 1037.49 | 73.09 | 964.40 | |
| PMW-15 | 04/26/2004 | 1037.49 | 73.13 | 964.36 | |
| PMW-19 | 12/04/2002 | 1026.59 | 64.17 | 962.42 | |
| PMW-19 | 12/18/2002 | 1026.59 | 63.66 | 962.93 | |
| PMW-19 | 01/06/2003 | 1026.59 | 64.30 | 962.29 | |
| PMW-19 | 03/19/2003 | 1026.59 | 64.02 | 962.57 | |
| PMW-19 | 05/05/2003 | 1026.59 | 64.14 | 962.45 | |
| PMW-19 | 08/04/2003 | 1026.59 | 64.48 | 962.11 | |
| PMW-19 | 11/05/2003 | 1026.59 | 64.71 | 961.88 | |
| PMW-19 | 02/09/2004 | 1026.59 | 64.88 | 961.71 | |
| PMW-19 | 04/26/2004 | 1026.59 | 65.95 | 960.64 | |
| PMW-20 | 12/04/2002 | 1031.68 | 67.48 | 964.20 | |
| PMW-20 | 12/18/2002 | 1031.68 | 66.96 | 964.72 | |
| PMW-20 | 01/06/2003 | 1031.68 | 67.54 | 964.14 | |
| PMW-20 | 03/19/2003 | 1031.75 | 67.34 | 964.41 | |
| PMW-20 | 05/05/2003 | 1031.75 | 67.46 | 964.29 | |
| PMW-20 | 08/04/2003 | 1031.75 | 67.82 | 963.93 | |
| PMW-20 | 09/03/2003 | 1031.75 | 67.99 | 963.76 | |
| PMW-20 | 11/05/2003 | 1031.75 | 68.09 | 963.66 | |
| PMW-20 | 02/09/2004 | 1031.75 | 68.31 | 963.44 | |

# Table 2
# Water Level Measurements in Groundwater Monitoring Wells Through June 2004 (1)

| Well | Date | Top of Casing Elevation (ft msl) (2) | Depth to Groundwater (ft below TOC) | Groundwater Elevation (ft msl) | Note |
|---|---|---|---|---|---|
| PMW-20 | 04/26/2004 | 1031.75 | 68.30 | 963.45 | |
| PMW-21B | 12/04/2002 | 1035.44 | 55.05 | 980.39 | |
| PMW-21B | 12/18/2002 | 1035.44 | 54.76 | 980.68 | |
| PMW-21B | 01/06/2003 | 1035.44 | 55.37 | 980.07 | |
| PMW-21B | 03/19/2003 | 1035.45 | 55.52 | 979.93 | |
| PMW-21B | 05/05/2003 | 1035.45 | 55.84 | 979.61 | |
| PMW-21B | 08/04/2003 | 1035.45 | 56.36 | 979.09 | |
| PMW-21B | 11/05/2003 | 1035.45 | 56.33 | 979.12 | |
| PMW-21B | 02/09/2004 | 1035.45 | 56.18 | 979.27 | |
| PMW-21B | 04/26/2004 | 1035.45 | 56.35 | 979.10 | |
| PMW-22 | 12/04/2002 | 1040.92 | 60.52 | 980.40 | |
| PMW-22 | 12/18/2002 | 1040.92 | 60.09 | 980.83 | |
| PMW-22 | 01/06/2003 | 1040.92 | 60.82 | 980.10 | |
| PMW-22 | 03/19/2003 | 1040.97 | 60.88 | 980.09 | |
| PMW-22 | 05/05/2003 | 1040.97 | 61.23 | 979.74 | |
| PMW-22 | 06/26/2003 | 1040.97 | 61.77 | 979.20 | |
| PMW-22 | 07/10/2003 | 1040.97 | 61.45 | 979.52 | |
| PMW-22 | 08/04/2003 | 1040.97 | 60.45 | 980.52 | |
| PMW-22 | 09/03/2003 | 1040.97 | 60.78 | 980.19 | |
| PMW-22 | 11/05/2003 | 1040.97 | 60.48 | 980.49 | |
| PMW-22 | 12/16/2003 | 1040.97 | 60.60 | 980.37 | |
| PMW-22 | 01/06/2004 | 1040.97 | 61.54 | 979.43 | |
| PMW-22 | 02/09/2004 | 1040.97 | 61.55 | 979.42 | |
| PMW-22 | 04/26/2004 | 1040.97 | 61.70 | 979.27 | |
| PMW-23 | 12/04/2002 | 1041.63 | 60.97 | 980.66 | |
| PMW-23 | 12/18/2002 | 1041.63 | 60.56 | 981.07 | |
| PMW-23 | 01/06/2003 | 1041.63 | 61.27 | 980.36 | |
| PMW-23 | 03/19/2003 | 1041.63 | 61.32 | 980.31 | |
| PMW-23 | 05/05/2003 | 1041.63 | 61.70 | 979.93 | |
| PMW-23 | 06/26/2003 | 1041.63 | 62.15 | 979.48 | |
| PMW-23 | 07/10/2003 | 1041.63 | 62.10 | 979.53 | |
| PMW-23 | 08/04/2003 | 1041.63 | 61.82 | 979.81 | |

# Table 2
# Water Level Measurements in Groundwater Monitoring Wells Through June 2004 (1)

| Well | Date | Top of Casing Elevation (ft msl) (2) | Depth to Groundwater (ft below TOC) | Groundwater Elevation (ft msl) | Note |
|---|---|---|---|---|---|
| PMW-23 | 09/03/2003 | 1041.63 | 62.43 | 979.20 | |
| PMW-23 | 11/05/2003 | 1041.63 | 62.18 | 979.45 | |
| PMW-23 | 12/16/2003 | 1041.63 | 61.75 | 979.88 | |
| PMW-23 | 01/06/2004 | 1041.63 | 62.00 | 979.63 | |
| PMW-23 | 02/09/2004 | 1041.63 | 62.05 | 979.58 | |
| PMW-23 | 04/26/2004 | 1041.63 | 62.17 | 979.46 | |
| PMW-24 | 12/04/2002 | 1041.60 | 61.14 | 980.46 | |
| PMW-24 | 12/18/2002 | 1041.60 | 60.71 | 980.89 | |
| PMW-24 | 01/06/2003 | 1041.60 | 61.43 | 980.17 | |
| PMW-24 | 03/19/2003 | 1041.62 | 61.48 | 980.14 | |
| PMW-24 | 05/05/2003 | 1041.62 | 61.87 | 979.75 | |
| PMW-24 | 06/26/2003 | 1041.62 | 62.23 | 979.39 | |
| PMW-24 | 07/10/2003 | 1041.62 | 62.30 | 979.32 | |
| PMW-24 | 08/04/2003 | 1041.62 | 62.37 | 979.25 | |
| PMW-24 | 09/03/2003 | 1041.62 | 62.49 | 979.13 | |
| PMW-24 | 11/05/2003 | 1041.62 | 62.32 | 979.30 | |
| PMW-24 | 12/16/2003 | 1041.62 | 62.07 | 979.55 | |
| PMW-24 | 01/06/2004 | 1041.62 | 62.15 | 979.47 | |
| PMW-24 | 02/09/2004 | 1041.62 | 62.13 | 979.49 | |
| PMW-24 | 04/26/2004 | 1041.62 | 62.32 | 979.30 | |
| PMW-25 | 12/04/2002 | 1041.23 | 61.05 | 980.18 | |
| PMW-25 | 12/18/2002 | 1041.23 | 60.59 | 980.64 | |
| PMW-25 | 01/06/2003 | 1041.23 | 61.29 | 979.94 | |
| PMW-25 | 05/05/2003 | 1041.26 | 61.74 | 979.52 | (8) |
| PMW-25 | 06/26/2003 | 1041.26 | 62.09 | 979.17 | |
| PMW-25 | 07/10/2003 | 1041.26 | 62.17 | 979.09 | |
| PMW-25 | 08/04/2003 | 1041.26 | 62.23 | 979.03 | |
| PMW-25 | 09/03/2003 | 1041.26 | 62.36 | 978.90 | |
| PMW-25 | 11/05/2003 | 1041.26 | 62.24 | 979.02 | |
| PMW-25 | 12/16/2003 | 1041.26 | 61.98 | 979.28 | |
| PMW-25 | 01/06/2004 | 1041.26 | 62.05 | 979.21 | |
| PMW-25 | 02/09/2004 | 1041.26 | 62.00 | 979.26 | |

# Table 2
# Water Level Measurements in Groundwater Monitoring Wells Through June 2004 (1)

| Well | Date | Top of Casing Elevation (ft msl) (2) | Depth to Groundwater (ft below TOC) | Groundwater Elevation (ft msl) | Note |
|---|---|---|---|---|---|
| PMW-25 | 04/26/2004 | 1041.26 | 62.19 | 979.07 | |
| PMW-26 | 12/04/2002 | 1041.43 | 60.79 | 980.64 | (9) |
| PMW-26 | 12/18/2002 | 1041.43 | 60.30 | 981.13 | |
| PMW-26 | 01/06/2003 | 1041.43 | 61.03 | 980.40 | |
| PMW-26 | 03/19/2003 | 1041.43 | 61.09 | 980.34 | |
| PMW-26 | 05/05/2003 | 1041.43 | 61.50 | 979.93 | |
| PMW-26 | 08/04/2003 | 1041.43 | 61.94 | 979.49 | |
| PMW-26 | 11/05/2003 | 1041.43 | 61.98 | 979.45 | |
| PMW-26 | 02/09/2004 | 1041.43 | 61.75 | 979.68 | |
| PMW-26 | 04/26/2004 | 1041.43 | 61.95 | 979.48 | |
| PMW-27 | 11/05/2003 | 1046.65 | 67.15 | 979.50 | |
| PMW-27 | 02/09/2004 | 1046.65 | 66.95 | 979.70 | |
| PMW-27 | 04/26/2004 | 1046.65 | 67.17 | 979.48 | |
| PMW-28 | 11/05/2003 | 1041.36 | 61.79 | 979.57 | |
| PMW-28 | 02/09/2004 | 1041.36 | 61.60 | 979.76 | |
| PMW-28 | 04/26/2004 | 1041.36 | 61.81 | 979.55 | |
| PMW-29 | 11/05/2003 | 1041.26 | 61.83 | 979.43 | |
| PMW-29 | 02/09/2004 | 1041.26 | 61.55 | 979.71 | |
| PMW-29 | 04/26/2004 | 1041.26 | 61.82 | 979.44 | |
| PMW-30 | 11/05/2003 | 1041.39 | 62.04 | 979.35 | |
| PMW-30 | 02/09/2004 | 1041.39 | 61.82 | 979.57 | |
| PMW-30 | 04/26/2004 | 1041.39 | 62.02 | 979.37 | |
| PMW-31 | 11/05/2003 | 1041.59 | 62.24 | 979.35 | |
| PMW-31 | 12/16/2003 | 1041.59 | 62.06 | 979.53 | |
| PMW-31 | 01/06/2004 | 1041.59 | 62.08 | 979.51 | |
| PMW-31 | 02/09/2004 | 1041.59 | 62.03 | 979.56 | |
| PMW-31 | 04/26/2004 | 1041.59 | 62.21 | 979.38 | |
| PMW-32 | 11/05/2003 | 1041.74 | 62.20 | 979.54 | |
| PMW-32 | 02/09/2004 | 1041.74 | 62.04 | 979.70 | |
| PMW-32 | 04/26/2004 | 1041.74 | 62.25 | 979.49 | |
| PMW-33 | 11/05/2003 | 1042.70 | 63.28 | 979.42 | |
| PMW-33 | 02/09/2004 | 1042.70 | 63.05 | 979.65 | |

# Table 2
# Water Level Measurements in Groundwater Monitoring Wells Through June 2004 (1)

| Well | Date | Top of Casing Elevation (ft msl) (2) | Depth to Groundwater (ft below TOC) | Groundwater Elevation (ft msl) | Note |
|---|---|---|---|---|---|
| PMW-33 | 04/26/2004 | 1042.70 | 63.28 | 979.42 | |
| PMW-34 | 11/05/2003 | 1043.17 | 63.74 | 979.43 | |
| PMW-34 | 02/09/2004 | 1043.17 | 63.57 | 979.60 | |
| PMW-34 | 04/26/2004 | 1043.17 | 63.79 | 979.38 | |
| PMW-35 | 11/05/2003 | 1037.08 | 57.93 | 979.15 | |
| PMW-35 | 02/09/2004 | 1037.08 | 57.76 | 979.32 | |
| PMW-35 | 04/26/2004 | 1037.08 | 57.95 | 979.13 | |
| PMW-36 | 11/05/2003 | 1036.19 | 56.89 | 979.30 | |
| PMW-36 | 02/09/2004 | 1036.19 | 56.68 | 979.51 | |
| PMW-36 | 04/26/2004 | 1036.19 | 56.90 | 979.29 | |
| PMW-9 | 08/12/2002 | 1033.16 | 51.60 | 981.56 | |
| PMW-9 | 11/07/2002 | 1033.16 | 52.94 | 980.22 | |
| PMW-9 | 12/04/2002 | 1033.16 | 53.20 | 979.96 | |
| PMW-9 | 12/18/2002 | 1033.16 | 52.93 | 980.23 | |
| PMW-9 | 01/06/2003 | 1033.16 | 53.48 | 979.68 | |
| PMW-9 | 03/19/2003 | 1033.16 | 53.67 | 979.49 | |
| PMW-9 | 05/05/2003 | 1033.16 | 54.09 | 979.07 | |
| PMW-9 | 08/04/2003 | 1033.16 | 54.52 | 978.64 | |
| PMW-9 | 11/05/2003 | 1033.16 | 54.51 | 978.65 | |
| PMW-9 | 02/09/2004 | 1033.16 | 54.30 | 978.86 | |
| PMW-9 | 04/26/2004 | 1033.16 | 54.53 | 978.63 | |

**Abbreviations:**

| | |
|---|---|
| ft msl | feet above mean sea level |
| TOC | top of casing |
| -- | not recorded |

# Table 2
## *Water Level Measurements in Groundwater Monitoring Wells*
## Through June 2004 (1)

**Notes:**

(1) This table also includes water level measurements for in-situ air sparging wells prior to system start-up. Wells MW-1 though MW-3 and PMW-16 through PMW-18 are free hydrocarbon product collections wells. Water Level data for these wells are presented on a separate table.

(2) All groundwater monitoring well locations and elevations were re-surveyed on 6 June 2003 by Bill Carr Survey's, Inc., of Huntington Beach, California, a licensed Land Surveyor. In-situ air sparging wells were also surveyed at this time. Wells PMW-27 through PMW-35 were surveyed by Bill Carr Survey's, Inc., on 5 November 2003. Elevations were surveyed based on the National Vertical Geodetic Datum 1929, City of Los Angeles Benchmark 03-0210, elevation 1034.033 feet.

(3) Top of casing elevations and depth to groundwater measurments for wells A1 and A2 are obtained from the Remedial Investigation Report, Former Holchem, Inc./Chase Chemical Property, Pacoima, California, dated 27 December 2002, and subsequent quarterly monitoring reports prepared by Arcadis Geraghty & Miller ("AGM").

(4) Wells A1 and A2 (which are part of Brenntag West, Inc.'s sampling program) were not monitored during 17 March 2003 and 7 May 2003 events.

(5) Data provided by AGM in their facsimile trasmittal, dated 20 August 2003.

(6) Water levels for wells A1 and A2 were measured during this event by both AGM and Erler & Kalinowski, Inc. ("EKI") in order to calibrate groundwater levels for contouring.
For November 2003, elevations provided by AGM were 979.63 ft msl and 979.40 ft msl, respectively. Elevations based on EKI measurments are 979.69 and 979.46 for wells A1 and A2, respectively, a difference of 0.06 feet.
For February 2004, elevations provided by AGM were 979.88 ft msl and 979.65 ft msl, respectively. Elevations based on EKI measurements are 979.93 and 979.65 for wells A1 and A3, respectively, a difference of 0.05 and 0.04 feet.
For April 2004, elevations provided by AGM are 979.64 and 979.41 ft msl, respecively. Elevations based on EKI measurements are 979.71 and 979.45 ft msl, respectively, a difference of 0.07 and 0.04 feet.

(7) Based on prior depth to water measuments for monitoring well MW-4, the measurement taken on 12 August 2002 appears to be anomalous.

(8) Access to well PMW-25 was obstructed during gauging conducted on 19 March 2003.

(9) Access to well PMW-26 was obstructed during gauging conducted on 4 Decemeber 2002. The obstruction was removed on 5 December 2002 and the well was gauged on 6 December 2002, subsequent to purging.

# Table 3
## Summary of VOC Analytical Results for Groundwater for Second Quarter 2004 (1)(2)
Price Pfister, Inc. 13500 Paxton Street, Pacoima, California

| Area Well | Date | Note | Primary VOCs (µg/L) | | | | | Secondary VOCs (µg/L) | | | | | | | | | Other VOCs Detected |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE | 1,1-DCA | 1,2-DCA | Bromo-methane | Chloroform | TCFM | Benzene | Toluene | Ethyl-benzene | Total Xylenes | |
| **Central Building P Area** | | | | | | | | | | | | | | | | | |
| PIAS-1 | 5/7/2004 | | 3.40 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <0.5 | <10.0 | <1.0 | <10.0 | <0.5 | <1.0 | <1.0 | ND | ND |
| PIAS-3 | 5/7/2004 | | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <0.5 | <10.0 | <1.0 | <10.0 | <0.5 | <1.0 | <1.0 | ND | ND |
| PIAS-4 | 5/7/2004 | | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <0.5 | <10.0 | <1.0 | <10.0 | <0.5 | <1.0 | <1.0 | ND | ND |
| PIAS-13 | 5/7/2004 | | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <0.5 | <10.0 | <1.0 | <10.0 | <0.5 | <1.0 | <1.0 | ND | ND |
| PMW-23 | 5/11/2004 | | 7.50 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <0.5 | <10.0 | <1.0 | <10.0 | <0.5 | <1.0 | <1.0 | ND | ND |
| PMW-24 | 5/10/2004 | | 4.10 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <0.5 | <10.0 | <1.0 | <10.0 | <0.5 | <1.0 | <1.0 | ND | ND |
| PMW-25 | 5/7/2004 | | 62.0 | 2.60 | 9.80 | 10.0 | 4.10 | 2.30 | <0.5 | <10.0 | <1.0 | <10.0 | <0.5 | <1.0 | <1.0 | ND | ND |
| PMW-26 | 5/7/2004 | | 38.0 | 3.90 | 16.0 | 88.0 | 5.30 | 6.30 | <0.5 | <10.0 | <1.0 | <10.0 | <0.5 | <1.0 | <1.0 | ND | ND |
| PMW-28 | 5/7/2004 | | 12.0 | <1.0 | 4.10 | 12.0 | 1.30 | 1.20 | <0.5 | <10.0 | <1.0 | <10.0 | <0.5 | <1.0 | <1.0 | ND | ND |
| PMW-29 | 5/7/2004 | | 15.0 | 1.10 | 5.10 | 11.0 | 1.80 | 1.20 | <0.5 | <10.0 | <1.0 | <10.0 | <0.5 | <1.0 | <1.0 | ND | ND |
| PMW-30 | 5/10/2004 | | 39.0 | 3.50 | 14.0 | 36.0 | 5.20 | 4.00 | <0.5 | <10.0 | <1.0 | <10.0 | <0.5 | <1.0 | <1.0 | ND | ND |
| PMW-31 | 5/10/2004 | | 9.00 | <1.0 | 1.90 | 1.00 | <1.0 | <1.0 | <0.5 | <10.0 | <1.0 | <10.0 | <0.5 | <1.0 | <1.0 | ND | ND |
| PMW-31 | 5/10/2004 | DUP-2 | 9.90 | <1.0 | 2.00 | 1.10 | <1.0 | <1.0 | <0.5 | <10.0 | <1.0 | <10.0 | <0.5 | <1.0 | <1.0 | ND | ND |
| PMW-32 | 5/10/2004 | | 6.80 | <1.0 | 1.80 | <1.0 | <1.0 | <1.0 | <0.5 | <10.0 | <1.0 | <10.0 | <0.5 | <1.0 | <1.0 | ND | ND |
| **Building A Area** | | | | | | | | | | | | | | | | | |
| MW-4 | 5/11/2004 | | 6.40 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <0.5 | <10.0 | <1.0 | <10.0 | <0.5 | <1.0 | <1.0 | ND | ND |
| MW-5 | 5/12/2004 | | 30.0 | <1.0 | 6.50 | 13.0 | <1.0 | 1.60 | <0.5 | <10.0 | <1.0 | <10.0 | <0.5 | <1.0 | <1.0 | ND | ND |
| MW-6 | 5/12/2004 | | 18.0 | <1.0 | 3.00 | 1.30 | 1.60 | <1.0 | <0.5 | <10.0 | <1.0 | <10.0 | <0.5 | <1.0 | <1.0 | ND | ND |
| MW-7 | 5/11/2004 | | 36.0 | 1.90 | 1.40 | <1.0 | 1.70 | <1.0 | <0.5 | <10.0 | <1.0 | <10.0 | <0.5 | <1.0 | <1.0 | ND | ND |
| MW-8 | 5/11/2004 | | 20.0 | 2.40 | 2.30 | <1.0 | 2.70 | <1.0 | <0.5 | <10.0 | <1.0 | <10.0 | <0.5 | <1.0 | <1.0 | ND | ND |
| PMW-14 | 5/12/2004 | | 22.0 | 3.10 | 3.00 | <1.0 | 2.60 | <1.0 | <0.5 | <10.0 | <1.0 | <10.0 | <0.5 | <1.0 | <1.0 | ND | ND |
| PMW-14 | 5/12/2004 | DUP-4 | 21.0 | 3.20 | 2.80 | <1.0 | 2.80 | <1.0 | <0.5 | <10.0 | <1.0 | <10.0 | <0.5 | <1.0 | <1.0 | ND | ND |
| **Building A Area** | | | | | | | | | | | | | | | | | |
| PMW-21B | 5/11/2004 | | 4.40 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <0.5 | <10.0 | <1.0 | <10.0 | <0.5 | <1.0 | <1.0 | ND | ND |
| PMW-21B | 5/11/2004 | DUP-3 | 3.90 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <0.5 | <10.0 | <1.0 | <10.0 | <0.5 | <1.0 | <1.0 | ND | ND |
| **Oil Staging Area** | | | | | | | | | | | | | | | | | |
| PIAS-10 | 5/7/2004 | | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <0.5 | <10.0 | <1.0 | <10.0 | <0.5 | <1.0 | <1.0 | ND | ND |
| PMW-11 | 5/10/2004 | | 4.00 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <0.5 | <10.0 | <1.0 | <10.0 | <0.5 | <1.0 | <1.0 | ND | ND |
| PMW-22 | 5/10/2004 | | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <0.5 | <10.0 | <1.0 | <10.0 | <0.5 | <1.0 | <1.0 | ND | ND |
| **Building L Area** | | | | | | | | | | | | | | | | | |
| PMW-12 | 5/11/2004 | | 1.90 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <0.5 | <10.0 | <1.0 | <10.0 | <0.5 | <1.0 | <1.0 | ND | ND |
| PMW-33 | 5/7/2004 | | 1.10 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <0.5 | <10.0 | <1.0 | <10.0 | <0.5 | <1.0 | <1.0 | ND | ND |
| PMW-34 | 5/10/2004 | | 1.10 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <0.5 | <10.0 | <1.0 | <10.0 | <0.5 | <1.0 | <1.0 | ND | ND |

# Table 3
## Summary of VOC Analytical Results for Groundwater for Second Quarter 2004 (1)(2)
Price Pfister, Inc. 13500 Paxton Street, Pacoima, California

| Area Well | Date | Note | Primary VOCs (µg/L) | | | | | Secondary VOCs (µg/L) | | | | | | | | | Other VOCs Detected |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE | 1,1-DCA | 1,2-DCA | Bromo-methane | Chloroform | TCFM | Benzene | Toluene | Ethyl-benzene | Total Xylenes | |
| **Other On-Site Locations** | | | | | | | | | | | | | | | | | |
| PMW-9 | 5/11/2004 | | 25.0 | 1.10 | 14.0 | 2.00 | 2.30 | <1.0 | <0.5 | <10.0 | <1.0 | <10.0 | <0.5 | <1.0 | <1.0 | ND | ND |
| PMW-10 | 5/11/2004 | | 3.30 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <0.5 | <10.0 | <1.0 | <10.0 | <0.5 | <1.0 | <1.0 | ND | ND |
| PMW-13 | 5/12/2004 | | 69.0 | 1.20 | 7.60 | 7.30 | 3.20 | 1.10 | <0.5 | <10.0 | <1.0 | <10.0 | <0.5 | <1.0 | <1.0 | ND | ND |
| PMW-15 | 5/11/2004 | | 12.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <0.5 | <10.0 | <1.0 | <10.0 | <0.5 | <1.0 | <1.0 | ND | ND |
| PMW-27 | 5/12/2004 | | 32.0 | 3.40 | 6.70 | <1.0 | 3.40 | 2.30 | <0.5 | <10.0 | <1.0 | <10.0 | <0.5 | <1.0 | <1.0 | ND | ND |
| PMW-35 | 5/7/2004 | | 35.0 | <1.0 | 11.0 | 23.0 | <1.0 | 3.30 | <0.5 | <10.0 | <1.0 | <10.0 | <0.5 | <1.0 | <1.0 | ND | ND |
| PMW-36 | 5/7/2004 | | 7.70 | <1.0 | 5.50 | 62.0 | 2.30 | 1.90 | <0.5 | <10.0 | <1.0 | <10.0 | <0.5 | <1.0 | <1.0 | ND | ND |
| PMW-36 | 5/7/2004 | DUP-1 | 7.00 | <1.0 | 5.70 | 64.0 | 3.10 | 1.90 | <0.5 | <10.0 | <1.0 | <10.0 | <0.5 | <1.0 | <1.0 | ND | ND |
| **Off-Site Locations** | | | | | | | | | | | | | | | | | |
| PMW-19 | 5/12/2004 | | 5.50 | <1.0 | 2.60 | <1.0 | 1.90 | <1.0 | <0.5 | <10.0 | <1.0 | <10.0 | <0.5 | <1.0 | <1.0 | ND | ND |
| PMW-20 | 5/12/2004 | | 3.10 | <1.0 | 1.40 | <1.0 | <1.0 | <1.0 | <0.5 | <10.0 | <1.0 | <10.0 | <0.5 | <1.0 | <1.0 | ND | ND |
| **Source Blank, Equipment Rinseate Blank, Field Blanks, and Trip Blanks** | | | | | | | | | | | | | | | | | |
| TB-3 | 5/7/2004 | | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <0.5 | <10.0 | <1.0 | <10.0 | <0.5 | <1.0 | <1.0 | ND | ND |
| **Source Blank, Equipment Rinseate Blank, Field Blanks, and Trip Blanks** | | | | | | | | | | | | | | | | | |
| TB-4 | 5/12/2004 | | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <0.5 | <10.0 | <1.0 | <10.0 | <0.5 | <1.0 | <1.0 | ND | ND |
| FB-1 | 5/7/2004 | | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <0.5 | <10.0 | <1.0 | <10.0 | <0.5 | <1.0 | <1.0 | ND | ND |
| FB-3 | 5/10/2004 | | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <0.5 | <10.0 | <1.0 | <10.0 | <0.5 | <1.0 | <1.0 | ND | ND |
| FB-4 | 5/11/2004 | | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <0.5 | <10.0 | <1.0 | <10.0 | <0.5 | <1.0 | <1.0 | ND | ND |
| FB-5 | 5/12/2004 | | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <0.5 | <10.0 | <1.0 | <10.0 | <0.5 | <1.0 | <1.0 | ND | ND |

**Abbreviations:**

| | | | |
|---|---|---|---|
| 1,1-DCA | 1,1-dichloroethane | PCE | Tetrachloroethene |
| 1,2-DCA | 1,2-dichloroethane | TB | Trip Blank |
| 1,1-DCE | 1,1-dichloroethene | 1,1,1-TCA | 1,1,1-trichloroethane |
| cis-1,2-DCE | cis-1,2-dichloroethene | TCE | Trichloroethene |
| t-1,2-DCE | trans-1,2-dichloroethene | TCFM | Trichlorofluoromethane |
| DUP | duplicate sample | µg/L | micrograms per liter |
| FB | Field blank | VOC | Volatile organic compound |
| ND | Not Detected | | |

**Notes:**

(1) Dedicated bladder pumps and tubing installed in Site wells were used to collect samples from MW and PMW wells in accordance with low flow purging and sampling procedures described in U.S. EPA Ground Water Issue: Low-Flow (Minimal Drawdown) Ground-Water Sampling Procedures, dated December 1995, and U.S. EPA Region 9 Quick Reference Advisory - Use of Low-Flow Methods for Groundwater Purging and Sampling: An Overview, dated December 1995. Grunfos turbine pumps and disposable tubing were used to purge and collect samples from PIAS wells using low-flow purging and sampling procedures.

(2) These samples were analyzed for VOCs using EPA Method 8260B. Analytes not shown were not detected at or above laboratory reporting limits. Less than symbol ("<") denotes that compound was not present above the laboratory reporting limit indicated.

# Table 4
## Summary of Emergent Chemical Analytical Results for Groundwater for Second Quarter 2004 (1)(2)(3)
Price Pfister, Inc. 13500 Paxton Street, Pacoima, California

| Area Well | Date | Note | Emergent Chemicals (µg/L) | | | |
|---|---|---|---|---|---|---|
| | | | 1,4-Dioxane | 1,2,3-Trichloropropane | Perchlorate | n-Nitrosodiethylamine |
| **Central Building P Area** | | | | | | |
| PMW-23 | 5/11/2004 | | <2.0 | <0.005 | <2.0 | <10.0 |
| PMW-24 | 5/10/2004 | | <2.0 | <0.005 | <2.0 | <10.0 |
| PMW-25 | 5/7/2004 | (4) | <2.0 | <0.005 | 2.8 / <2.0 / 2.27 | <10.0 |
| PMW-26 | 5/7/2004 | | 2.70 | <0.005 | <2.0 | <10.0 |
| PMW-28 | 5/7/2004 | | <2.0 | <0.005 | <2.0 | <10.0 |
| PMW-29 | 5/7/2004 | | <2.0 | <0.005 | <2.0 | <10.0 |
| PMW-30 | 5/10/2004 | | 2.10 | <0.005 | <2.0 | <10.0 |
| PMW-31 | 5/10/2004 | | <2.0 | <0.005 | <2.0 | <10.0 |
| PMW-31 | 5/10/2004 | DUP-2 | <2.0 | <0.005 | <2.0 | <10.0 |
| PMW-32 | 5/10/2004 | | 6.30 | <0.005 | <2.0 | <10.0 |
| **Building A Area** | | | | | | |
| MW-4 | 5/11/2004 | | <2.0 | <0.005 | <2.0 | <10.0 |
| MW-5 | 5/12/2004 | | <2.0 | <0.005 | <2.0 | <10.0 |
| MW-6 | 5/12/2004 | | <2.0 | <0.005 | <2.0 | <10.0 |
| MW-7 | 5/11/2004 | | <2.0 | <0.005 | <2.0 | <10.0 |
| MW-8 | 5/11/2004 | | <2.0 | <0.005 | <2.0 | <10.0 |
| PMW-14 | 5/12/2004 | | <2.0 | <0.005 | <2.0 | <10.0 |
| PMW-14 | 5/12/2004 | DUP-4 | <2.0 | <0.005 | <2.0 | <10.0 |
| PMW-21B | 5/11/2004 | | <2.0 | <0.005 | <2.0 | <10.0 |
| PMW-21B | 5/11/2004 | DUP-3 | <2.0 | <0.005 | <2.0 | <10.0 |
| **Oil Staging Area** | | | | | | |
| PMW-11 | 5/10/2004 | | <2.0 | <0.005 | <2.0 | <10.0 |

# Table 4

## *Summary of Emergent Chemical Analytical Results for Groundwater for Second Quarter 2004 (1)(2)(3)*

Price Pfister, Inc. 13500 Paxton Street, Pacoima, California

| Area Well | Date | Note | Emergent Chemicals (µg/L) | | | |
|---|---|---|---|---|---|---|
| | | | 1,4-Dioxane | 1,2,3-Trichloropropane | Perchlorate | n-Nitrosodiethylamine |
| **Oil Staging Area** | | | | | | |
| PMW-22 | 5/10/2004 | | <2.0 | <0.005 | <2.0 | <10.0 |
| **Building L Area** | | | | | | |
| PMW-12 | 5/11/2004 | | <2.0 | <0.005 | <2.0 | <10.0 |
| PMW-33 | 5/7/2004 | | <2.0 | <0.005 | <2.0 | <10.0 |
| PMW-34 | 5/10/2004 | | <2.0 | <0.005 | <2.0 | <10.0 |
| **Other On-Site Locations** | | | | | | |
| PMW-9 | 5/11/2004 | | <2.0 | <0.005 | <2.0 | <10.0 |
| PMW-10 | 5/11/2004 | | <2.0 | <0.005 | <2.0 | <10.0 |
| PMW-13 | 5/12/2004 | | <2.0 | 0.008 | <2.0 | <10.0 |
| PMW-15 | 5/11/2004 | | <2.0 | <0.005 | <2.0 | <10.0 |
| PMW-27 | 5/12/2004 | | <2.0 | <0.005 | <2.0 | <10.0 |
| PMW-35 | 5/7/2004 | | <2.0 | <0.005 | <2.0 | <10.0 |
| PMW-36 | 5/7/2004 | | <2.0 | 0.0056 | <2.0 | <10.0 |
| PMW-36 | 5/7/2004 | DUP-1 | <2.0 | <0.005 | <2.0 | <10.0 |
| **Off-Site Locations** | | | | | | |
| PMW-19 | 5/12/2004 | | <2.0 | <0.005 | <2.0 | <10.0 |
| PMW-20 | 5/12/2004 | | <2.0 | <0.005 | <2.0 | <10.0 |

# Table 4

## *Summary of Emergent Chemical Analytical Results for Groundwater for Second Quarter 2004 (1)(2)(3)*

Price Pfister, Inc. 13500 Paxton Street, Pacoima, California

**Abbreviations:**

| | |
|---|---|
| DUP | original duplicate sample name |
| GC/MS | Gas Chromatography/Mass Spectroscopy |
| µg/L | micrograms per liter |
| NA | Not Analyzed or Not Available |

**Notes:**

(1) In February 2004, 1,2,3-trichloropropane was analyzed using GC/MS Low-Level method; 1,4-dioxane was analyzed using GC/MS isotope dilution method; and NDEA were analyzed using EPA method 8270C. Perchlorate was analyzed using EPA method 314.0.

(2) Less than symbol ("<") denotes that compound was not present above the laboratory reporting limit indicated.

(3) Dedicated bladder pumps and tubing installed in Site wells were used to collect samples from these wells in accordance with low flow purging and sampling procedures described in U.S. EPA Ground Water Issue: Low-Flow (Minimal Drawdown) Ground-Water Sampling Procedures, dated December 1995, and U.S. EPA Region 9 Quick Reference Advisory - Use of Low-Flow Methods for Groundwater Purging and Sampling: An Overview, dated December 1995.

(4) Based on the detection of perchlorate in the groundwater sample (at 2.8 ug/L) from this well, the sample was reanalyzed by Calscience Environmental Laboratories (perchlorate was not detected a <2.0 ug/L) and a duplicate sample was sent to DATA CHEM, for confirmation (perchlorate detected at 2.27 ug/L).

# Table 5
## Summary of SVOC Analytical Results for Groundwater for Second Quarter 2004
Price Pfister, Inc. 13500 Paxton Street, Pacoima, California

| Area Well | Sample Date | Note | Detected SVOCs (µg/L) (1)(2)(3) | |
|---|---|---|---|---|
| | | | Butyl Benzyl Phthalate | 4-Nitrophenol |
| **Central Building P Area** | | | | |
| PMW-23 | 5/11/2004 | | <10.0 | <10.0 |
| PMW-24 | 5/10/2004 | | <10.0 | <10.0 |
| PMW-25 | 5/7/2004 | | <10.0 | <10.0 |
| PMW-26 | 5/7/2004 | | <10.0 | <10.0 |
| PMW-28 | 5/7/2004 | | <10.0 | <10.0 |
| PMW-29 | 5/7/2004 | | <10.0 | <10.0 |
| PMW-30 | 5/10/2004 | | <10.0 | <10.0 |
| PMW-31 | 5/10/2004 | | <10.0 | <10.0 |
| PMW-31 | 5/10/2004 | DUP-2 | <10.0 | <10.0 |
| PMW-32 | 5/10/2004 | | <10.0 | <10.0 |
| **Building A Area** | | | | |
| MW-4 | 5/11/2004 | | <10.0 | <10.0 |
| MW-5 | 5/12/2004 | | <10.0 | <10.0 |
| MW-6 | 5/12/2004 | | <10.0 | <10.0 |
| MW-7 | 5/11/2004 | | <10.0 | <10.0 |
| MW-8 | 5/11/2004 | | <10.0 | <10.0 |
| PMW-14 | 5/12/2004 | | <10.0 | <10.0 |
| PMW-14 | 5/12/2004 | DUP-4 | <10.0 | <10.0 |
| PMW-21B | 5/11/2004 | | <10.0 | <10.0 |
| PMW-21B | 5/11/2004 | DUP-3 | <10.0 | <10.0 |

# Table 5

## *Summary of SVOC Analytical Results for Groundwater for Second Quarter 2004*

Price Pfister, Inc. 13500 Paxton Street, Pacoima, California

| Area Well | Sample Date | Note | Detected SVOCs (µg/L) (1)(2)(3) | |
|---|---|---|---|---|
| | | | Butyl Benzyl Phthalate | 4-Nitrophenol |
| **Oil Staging Area** | | | | |
| PMW-11 | 5/10/2004 | | <10.0 | <10.0 |
| PMW-22 | 5/10/2004 | | <10.0 | <10.0 |
| **Building L Area** | | | | |
| PMW-12 | 5/11/2004 | | <10.0 | <10.0 |
| PMW-33 | 5/7/2004 | | <10.0 | <10.0 |
| PMW-34 | 5/10/2004 | | <10.0 | <10.0 |
| **Other On-Site Locations** | | | | |
| PMW-9 | 5/11/2004 | | <10.0 | <10.0 |
| PMW-10 | 5/11/2004 | | <10.0 | <10.0 |
| PMW-13 | 5/12/2004 | | <10.0 | <10.0 |
| PMW-15 | 5/11/2004 | | <10.0 | <10.0 |
| PMW-27 | 5/12/2004 | | <10.0 | <10.0 |
| PMW-35 | 5/7/2004 | | <10.0 | <10.0 |
| PMW-36 | 5/7/2004 | | <10.0 | <10.0 |
| PMW-36 | 5/7/2004 | DUP-1 | <10.0 | <10.0 |
| **Off-Site Locations** | | | | |
| PMW-19 | 5/12/2004 | | <10.0 | <10.0 |
| PMW-20 | 5/12/2004 | | <10.0 | <10.0 |

# Table 5

## *Summary of SVOC Analytical Results for Groundwater for Second Quarter 2004*

Price Pfister, Inc. 13500 Paxton Street, Pacoima, California

**Abbreviations:**

| | |
|---|---|
| SVOC | Semi-volatile organic compound |
| J | estimated value wherein the measured concentration is above the method detection limit but below the reporting limit |
| µg/L | micrograms per liter |

**Notes:**

(1) Dedicated bladder pumps and tubing installed in Site wells were used to collect samples from these wells in accordance with low flow purging and sampling procedures described in U.S. EPA Ground Water Issue: Low-Flow (Minimal Drawdown) Ground-Water Sampling Procedures, dated December 1995, and U.S. EPA Region 9 Quick Reference Advisory - Use of Low-Flow Methods for Groundwater Purging and Sampling: An Overview, dated December 1995.

(2) Samples were analyzed for SVOCs using EPA Method 8270C. SVOCs detected on the Site are listed in this table.

(3) Less than symbol ("<") denotes that compound was not detected above the laboratory method detection limit indicated.

# Table 6
## Summary of TPH Analytical Results for Groundwater for Second Quarter 2004
Price Pfister, Inc. 13500 Paxton Street, Pacoima, California

| Area Well | Date | Note | TPH (µg/L) (1)(2)(3) | |
|---|---|---|---|---|
| | | | TVPH | TEPH |
| **Central Building P Area** | | | | |
| PMW-28 | 5/7/2004 | | NA | <50.0 |
| PMW-30 | 5/10/2004 | | NA | <50.0 |
| **Building A Area** | | | | |
| MW-4 | 5/11/2004 | | NA | <500 |
| MW-5 | 5/12/2004 | | NA | <500 |
| MW-6 | 5/12/2004 | | NA | <500 |
| MW-7 | 5/11/2004 | | NA | <500 |
| MW-8 | 5/11/2004 | | NA | <500 |
| PMW-14 | 5/12/2004 | | NA | <500 |
| PMW-14 | 5/12/2004 | DUP-4 | NA | <500 |

**Abbreviations:**

| | |
|---|---|
| NA | Sample was not tested for this analyte, or result is not available. |
| TEPH | Total extractable petroleum hydrocarbons |
| TPH | Total petroleum hydrocarbons |
| TVPH | Total volatile petroleum hydrocarbons |
| µg/L | micrograms per liter |

**Notes:**

(1) Dedicated bladder pumps and tubing installed in Site wells were used to collect samples from these wells in accordance with low flow purging and sampling procedures described in U.S. EPA Ground Water Issue: Low-Flow (Minimal Drawdown) Ground-Water Sampling Procedures, dated December 1995, and U.S. EPA Region 9 Quick Reference Advisory - Use of Low-Flow Methods for Groundwater Purging and Sampling: An Overview, dated December 1995.

(2) Samples were analyzed for TEPH with silica gel cleanup using EPA 8015M.

(3) Less than symbol ("<") denotes that compound was not detected above the laboratory method detection limit indicated.

# Table 7
## Summary of Inorganic Analytical Reuslts for Groundwater for Second Quarter 2004
Price Pfister, Inc. 13500 Paxton Street, Pacoima, California

| Area Well | Date | Note | Inorganic Compounds (µg/L) (1)(2) | | | | | | | | | | | | | | | | | | | pH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Antimony | Arsenic | Barium | Beryllium | Cadmium | Chromium | Hexavalent Chromium | Cobalt | Copper | Lead | Mercury | Molybdenum | Nickel | Selenuim | Silver | Thallium | Vanadium | Zinc | Cyanide | |
| **Central Building P Area** | | | | | | | | | | | | | | | | | | | | | | |
| PMW-23 | 5/11/2004 | | <1.0 | <1.0 | 139 | <1.0 | <1.0 | 3.32 | 2.50 | <1.0 | 1.67 | <1.0 | <0.5 | 6.67 | 2.50 | <1.0 | <1.0 | <1.0 | 1.78 | 12.3 | NA | NA |
| PMW-24 | 5/10/2004 | | <1.0 | <1.0 | 345 | <1.0 | <1.0 | 2.50 | 2.70 | <1.0 | <1.0 | <1.0 | <0.5 | 2.16 | 2.80 | <1.0 | <1.0 | <1.0 | <1.0 | 89.9 | NA | NA |
| PMW-25 | 5/7/2004 | | <1.0 | <1.0 | 458 | <1.0 | <1.0 | 3.04 | 2.00 | <1.0 | 2.22 | <1.0 | <0.5 | 1.12 | 3.18 | <1.0 | <1.0 | <1.0 | <1.0 | 108 | NA | NA |
| PMW-26 | 5/7/2004 | | 1.55 | <1.0 | 350 | <1.0 | <1.0 | 13.8 | 13.0 | <1.0 | 1.45 | <1.0 | <0.5 | 1.40 | 5.24 | <1.0 | <1.0 | <1.0 | <1.0 | 247 | NA | NA |
| PMW-28 | 5/7/2004 | | <1.0 | <1.0 | 525 | <1.0 | <1.0 | 1.91 | 0.82 | <1.0 | 1.97 | <1.0 | <0.5 | 1.68 | 2.98 | <1.0 | <1.0 | <1.0 | <1.0 | 158 | NA | NA |
| PMW-29 | 5/7/2004 | | <1.0 | <1.0 | 444 | <1.0 | <1.0 | 3.74 | 2.80 | <1.0 | <1.0 | <1.0 | <0.5 | 2.64 | 3.19 | <1.0 | <1.0 | <1.0 | 1.17 | 148 | NA | NA |
| PMW-30 | 5/10/2004 | | <1.0 | <1.0 | 443 | <1.0 | <1.0 | 6.34 | 7.50 | <1.0 | <1.0 | <1.0 | <0.5 | 1.39 | 4.80 | <1.0 | <1.0 | <1.0 | <1.0 | 146 | NA | NA |
| PMW-31 | 5/10/2004 | | <1.0 | <1.0 | 433 | <1.0 | <1.0 | 2.50 | 2.80 | <1.0 | <1.0 | <1.0 | <0.5 | 1.58 | 2.79 | <1.0 | <1.0 | <1.0 | <1.0 | 173 | NA | NA |
| PMW-31 | 5/10/2004 | DUP-2 | 3.32 | <1.0 | 489 | <1.0 | <1.0 | 2.78 | 2.70 | <1.0 | 2.20 | <1.0 | <0.5 | 1.77 | 3.47 | <1.0 | <1.0 | <1.0 | <1.0 | 122 | NA | NA |
| PMW-32 | 5/10/2004 | | 2.33 | <1.0 | 536 | <1.0 | <1.0 | 2.10 | 2.10 | <1.0 | 1.64 | <1.0 | <0.5 | 2.52 | 5.62 | <1.0 | <1.0 | <1.0 | <1.0 | 149 | NA | NA |
| **Building A Area** | | | | | | | | | | | | | | | | | | | | | | |
| MW-4 | 5/11/2004 | | <1.0 | <1.0 | 195 | <1.0 | <1.0 | 1.83 | 0.94 | <1.0 | <1.0 | <1.0 | <0.5 | 1.81 | 2.50 | <1.0 | <1.0 | <1.0 | <1.0 | 6.59 | NA | NA |
| MW-5 | 5/12/2004 | | <1.0 | <1.0 | 440 | <1.0 | <1.0 | 2.73 | 2.10 | <1.0 | <1.0 | <1.0 | <0.5 | 1.93 | 3.20 | <1.0 | <1.0 | <1.0 | <1.0 | 113 | NA | NA |
| MW-6 | 5/12/2004 | | <1.0 | <1.0 | 409 | <1.0 | <1.0 | 4.50 | 4.10 | <1.0 | <1.0 | <1.0 | <0.5 | 1.79 | 3.35 | <1.0 | <1.0 | <1.0 | 1.02 | 111 | NA | NA |
| **Building A Area** | | | | | | | | | | | | | | | | | | | | | | |
| MW-7 | 5/11/2004 | | <1.0 | <1.0 | 215 | <1.0 | <1.0 | 4.46 | 3.50 | <1.0 | 1.08 | <1.0 | <0.5 | 2.17 | 2.48 | <1.0 | <1.0 | <1.0 | 1.15 | 7.46 | NA | NA |
| MW-8 | 5/11/2004 | | <1.0 | <1.0 | 211 | <1.0 | <1.0 | 1.94 | 0.91 | <1.0 | <1.0 | <1.0 | <0.5 | 1.97 | 2.66 | <1.0 | <1.0 | <1.0 | 1.03 | 6.70 | NA | NA |
| PMW-14 | 5/12/2004 | | 2.39 | <1.0 | 600 | <1.0 | <1.0 | 1.80 | 0.92 | <1.0 | 1.65 | <1.0 | <0.5 | 1.73 | 3.91 | <1.0 | <1.0 | <1.0 | <1.0 | 207 | NA | NA |
| PMW-14 | 5/12/2004 | DUP-4 | <1.0 | <1.0 | 525 | <1.0 | <1.0 | 1.91 | 0.89 | <1.0 | 1.97 | <1.0 | <0.5 | 1.59 | 3.34 | 1.31 | <1.0 | <1.0 | <1.0 | 158 | NA | NA |
| PMW-21B | 5/11/2004 | | <1.0 | <1.0 | 230 | <1.0 | <1.0 | 4.42 | 3.40 | <1.0 | <1.0 | <1.0 | <0.5 | 1.81 | 2.62 | <1.0 | <1.0 | <1.0 | <1.0 | 13.5 | NA | NA |
| PMW-21B | 5/11/2004 | DUP-3 | <1.0 | <1.0 | 235 | <1.0 | <1.0 | 4.35 | 3.50 | <1.0 | <1.0 | <1.0 | <0.5 | 1.79 | 2.49 | <1.0 | <1.0 | <1.0 | 1.09 | 14.6 | NA | NA |
| **Oil Staging Area** | | | | | | | | | | | | | | | | | | | | | | |
| PMW-11 | 5/10/2004 | | 3.17 | <1.0 | 505 | <1.0 | <1.0 | 2.33 | 2.40 | <1.0 | 1.38 | <1.0 | <0.5 | 4.09 | 3.06 | <1.0 | <1.0 | <1.0 | <1.0 | 54.2 | NA | NA |
| PMW-22 | 5/10/2004 | | 3.03 | <1.0 | 500 | <1.0 | <1.0 | 1.83 | 1.80 | <1.0 | 1.13 | <1.0 | <0.5 | 5.89 | 3.10 | <1.0 | <1.0 | <1.0 | 1.01 | 49.4 | NA | NA |
| **Building L Area** | | | | | | | | | | | | | | | | | | | | | | |
| PMW-12 | 5/11/2004 | | <1.0 | <1.0 | 215 | <1.0 | <1.0 | 1.71 | 0.75 | <1.0 | 2.77 | <1.0 | <0.5 | 1.44 | 3.24 | <1.0 | <1.0 | <1.0 | <1.0 | 12.0 | NA | NA |
| PMW-33 | 5/7/2004 | | 3.23 | <1.0 | 546 | <1.0 | <1.0 | 2.14 | 0.9 | <1.0 | 1.44 | <1.0 | <0.5 | 1.92 | 3.68 | <1.0 | <1.0 | <1.0 | <1.0 | 185 | NA | NA |
| PMW-34 | 5/10/2004 | | 1.59 | <1.0 | 447 | <1.0 | <1.0 | 1.50 | 1.60 | <1.0 | 1.59 | <1.0 | <0.5 | 1.92 | 3.68 | <1.0 | <1.0 | <1.0 | <1.0 | 154 | NA | NA |

# Table 7
## Summary of Inorganic Analytical Reuslts for Groundwater for Second Quarter 2004
Price Pfister, Inc. 13500 Paxton Street, Pacoima, California

| Area Well | Date | Note | Inorganic Compounds (µg/L) (1)(2) | | | | | | | | | | | | | | | | | | | pH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Antimony | Arsenic | Barium | Beryllium | Cadmium | Chromium | Hexavalent Chromium | Cobalt | Copper | Lead | Mercury | Molybdenum | Nickel | Selenuim | Silver | Thallium | Vanadium | Zinc | Cyanide | |
| **Other On-Site Locations** | | | | | | | | | | | | | | | | | | | | | | |
| PMW-9 | 5/11/2004 | | <1.0 | <1.0 | 247 | <1.0 | <1.0 | 5.86 | 5.00 | <1.0 | <1.0 | <1.0 | <0.5 | 1.46 | 2.80 | <1.0 | <1.0 | <1.0 | 1.22 | 10.4 | NA | NA |
| **Other On-Site Locations** | | | | | | | | | | | | | | | | | | | | | | |
| PMW-10 | 5/11/2004 | | <1.0 | <1.0 | 187 | <1.0 | <1.0 | 1.99 | 0.94 | <1.0 | 1.10 | <1.0 | <0.5 | 2.18 | 2.54 | <1.0 | <1.0 | <1.0 | 1.13 | 9.78 | NA | NA |
| PMW-13 | 5/12/2004 | | <1.0 | <1.0 | 558 | <1.0 | <1.0 | 12.4 | 13.0 | <1.0 | 1.45 | <1.0 | <0.5 | 1.85 | 5.05 | <1.0 | <1.0 | <1.0 | <1.0 | 185 | NA | NA |
| PMW-15 | 5/11/2004 | | <1.0 | <1.0 | 193 | <1.0 | <1.0 | 1.34 | 0.45 | <1.0 | <1.0 | <1.0 | <0.5 | 1.74 | 2.72 | <1.0 | <1.0 | <1.0 | 1.10 | 7.92 | NA | NA |
| PMW-27 | 5/12/2004 | | 1.06 | <1.0 | 574 | <1.0 | <1.0 | 1.87 | 1.20 | <1.0 | 1.38 | <1.0 | <0.5 | <1.0 | 5.08 | <1.0 | <1.0 | <1.0 | <1.0 | 293 | NA | NA |
| PMW-35 | 5/7/2004 | | <1.0 | <1.0 | 192 | <1.0 | <1.0 | 2.84 | 1.80 | <1.0 | <1.0 | <1.0 | <0.5 | 3.73 | 2.36 | <1.0 | 1.03 | <1.0 | 1.04 | 17.1 | NA | NA |
| PMW-36 | 5/7/2004 | | <1.0 | <1.0 | 386 | <1.0 | <1.0 | 6.43 | 5.90 | <1.0 | <1.0 | <1.0 | <0.5 | 1.79 | 2.82 | 2.60 | <1.0 | <1.0 | <1.0 | 36.8 | NA | NA |
| PMW-36 | 5/7/2004 | DUP-1 | <1.0 | <1.0 | 340 | <1.0 | <1.0 | 6.33 | 6.00 | <1.0 | <1.0 | <1.0 | <0.5 | 1.75 | 2.84 | 2.14 | <1.0 | <1.0 | <1.0 | 29.4 | NA | NA |
| **Off-Site Locations** | | | | | | | | | | | | | | | | | | | | | | |
| PMW-19 | 5/12/2004 | | 1.13 | <1.0 | 403 | <1.0 | <1.0 | 1.36 | 0.54 | <1.0 | 1.02 | <1.0 | <0.5 | 2.09 | 2.82 | <1.0 | <1.0 | <1.0 | <1.0 | 153 | NA | NA |
| PMW-20 | 5/12/2004 | | <1.0 | <1.0 | 347 | <1.0 | <1.0 | 1.22 | 0.57 | <1.0 | <1.0 | <1.0 | <0.5 | 1.61 | 3.39 | <1.0 | <1.0 | <1.0 | <1.0 | 63.3 | NA | NA |
| **Source Blank, Equipment Rinseate Blank, Field Blanks, and Trip Blanks** | | | | | | | | | | | | | | | | | | | | | | |
| FILTER-1 | 5/7/2004 | | <1.0 | <1.0 | 13.6 | <1.0 | <1.0 | 1.49 | 0.23 | <1.0 | <1.0 | <1.0 | <0.5 | <1.0 | <1.0 | 1.36 | <1.0 | <1.0 | <1.0 | <5.0 | NA | NA |
| Filter-2 | 5/10/2004 | | 1.28 | <1.0 | 13.2 | <1.0 | <1.0 | 1.31 | 1.20 | <1.0 | <1.0 | <1.0 | <0.5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 8.37 | NA | NA |
| FILTER-3 | 5/11/2004 | | 2.94 | <1.0 | 17.1 | <1.0 | <1.0 | 1.48 | <0.2 | <1.0 | <1.0 | <1.0 | <0.5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 6.82 | NA | NA |
| **Source Blank, Equipment Rinseate Blank, Field Blanks, and Trip Blanks** | | | | | | | | | | | | | | | | | | | | | | |
| FILTER-4 | 5/12/2004 | | <1.0 | <1.0 | 9.09 | <1.0 | <1.0 | 1.26 | 0.23 | <1.0 | <1.0 | <1.0 | <0.5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 11.1 | NA | NA |

**Abbreviations:**

ICP/MS Inductively coupled plasma/mass spectroscopy
NA Sample was not analyzed for this compound, or result is unavailable.
µg/L micrograms per liter

**Notes:**

(1) Dedicated bladder pumps and tubing installed in Site wells were used to collect samples from these wells in accordance with low flow purging and sampling procedures described in U.S. EPA Ground Water Issue: Low-Flow (Minimal Drawdown) Ground-Water Sampling Procedures, dated December 1995, and U.S. EPA Region 9 Quick
(2) These samples were analyzed for seventeen metals by ICP/MS using EPA Method 200.8 or 6020, for hexavalent chromium using EPA Method 7196/200.8, and for total cyanide by EPA Method 335.2. Samples for hexavalent chromium were analyzed using EPA Method 218.6. Less than symbol ("<") denotes that compound was not present

# Table 8

## Summary of Selected VOC Analytical Results for Soil Vapor Samples Collected from Vapor Monitoring Wells Through June 2004 (1)

Price Pfister, Inc., 13500 Paxton Street, Pacoima, California

| | | | | VOCs (mg/L) (4) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Primary VOCs | | | | Secondary VOCs | | | | | | | | | Emergent Chemicals | |
| Area Location | Depth (feet, bgs) | Date | Analyzed By (2)(3) | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE | 1,1-DCA | 1,2-DCA | Bromomethane | Chloroform | Trichloro-fluoromethane | Benzene | Toluene | Ethylbenzene | Total Xylenes | 1,4-Dioxane | Other VOCs Detected |
| **Central Building P Area** | | | | | | | | | | | | | | | | | | | |
| IP-1 (5) | 5 | 5/8/2004 | IP | 15 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | Chloroethane = 110 |
| IP-1 (5) | 5 | 5/10/2004 | CS | 16 | 0.23 | <0.15 | <0.11 | 0.16 | 0.57 | <0.11 | <0.11 | <0.14 | <0.16 | <0.089 | <0.11 | <0.12 | <0.24 | NA | |
| IP-2 (5) | 5 | 5/8/2004 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| IP-3 (5) | 5 | 5/8/2004 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| IP-4 (5) | 5 | 5/8/2004 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| IP-5 (5) | 5 | 5/8/2004 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| IP-5 (5) | 5 | 5/8/2004 | CS | 19 | 0.089 | 0.32 | <0.028 | <0.028 | <0.028 | <0.028 | <0.027 | <0.034 | <0.039 | <0.022 | <0.026 | <0.030 | <0.061 | NA | |
| IP-6 (5) | 5 | 5/8/2004 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| PMW-28 | 5 | 12/19/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/19/2003 | CS | 0.079 | <0.0037 | <0.0037 | <0.0027 | <0.0027 | <0.0028 | <0.0028 | <0.0026 | <0.0033 | 0.0085 | 0.0037 | 0.0094 | 0.0047 | 0.021 | NA | Acetone = 0.027; Carbon Disulfide = 0.0064; Chloromethane = 0.0019; Dichlorodifluoromethane = 0.0043; 1,2,4-Trimethylbenzene = 0.012 |
| | | 2/13/2004 | IP | 4.2 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/7/2004 | IP | 2.4 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | 20 | 12/19/2003 | IP | 75 | <1.0 | 1.5 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/13/2004 | IP | 110 | <1.0 | 2.1 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/13/2004 | CS | 130 | 1.1 | 3.1 | <0.011 | 0.021 | 0.17 | <0.011 | 0.014 | 0.11 | <0.016 | 0.021 | 0.019 | <0.012 | <0.024 | NA | Carbon Disulfide = 2.5; Chloroethane = 0.19; Chloromethane = 0.2 |
| | | 5/7/2004 | IP | 75 | <1.0 | 1.5 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | 35 | 12/19/2003 | IP | 24 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/13/2004 | IP | 30 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/8/2004 | IP | 24 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/8/2004 | CS | 9.4 | <0.038 | 0.13 | <0.028 | <0.028 | <0.029 | <0.029 | <0.027 | <0.034 | <0.040 | <0.023 | <0.027 | <0.031 | <0.061 | NA | |
| | 50 | 12/19/2003 | IP | 4.1 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/13/2004 | IP | 12 | <1.0 | 1.3 | 3.8 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/8/2004 | IP | 11 | <1.0 | <1.0 | 4.3 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| PMW-30 | 5 | 12/19/2003 | IP | 4.6 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/13/2004 | IP | 11 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | Chloroethane = 480 |
| | | 5/8/2004 | IP | 11 | <1.0 | <1.0 | <1.0 | <1.0 | 2.5 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | Chloroethane = 490 |

# Table 8

## Summary of Selected VOC Analytical Results for Soil Vapor Samples Collected from Vapor Monitoring Wells Through June 2004 (1)

Price Pfister, Inc., 13500 Paxton Street, Pacoima, California

| | | | | VOCs (mg/L) (4) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Primary VOCs | | | | | Secondary VOCs | | | | | | | | Emergent Chemicals | |
| Area Location | Depth (feet, bgs) | Date | Analyzed By (2)(3) | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE | 1,1-DCA | 1,2-DCA | Bromomethane | Chloroform | Trichloro-fluoromethane | Benzene | Toluene | Ethylbenzene | Total Xylenes | 1,4-Dioxane | Other VOCs Detected |
| PMW-30 | 20 | 12/19/2003 | IP | 8.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | Chloroethane = 29 |
| | | 2/13/2004 | IP | 5.7 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | Chloroethane = 18 |
| | | 5/8/2004 | IP | 1.8 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | Chloroethane = 25 |
| | 35 | 12/19/2003 | IP | 2.3 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/13/2004 | IP | 5.4 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/8/2004 | IP | 3.8 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | 50 | 12/19/2003 | IP | 2.8 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/13/2004 | IP | 75 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/8/2004 | IP | 3.4 | <1.0 | <1.0 | 4.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| PMW-31 | 5 | 12/19/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/30/2003 | IP | 4.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/6/2004 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/6/2004 | CS | 0.37 | 0.014 | 0.049 | 0.042 | 0.0081 | 0.0054 | <0.0028 | <0.0026 | <0.0033 | 0.0057 | 0.004 | 0.035 | 0.013 | 0.070 | NA | Acetone = 0.018; Carbon Disulfide = 0.0036; t-1,2-Dichloroethene = 0.0047; 4-Ethyltoluene = 0.008; 1,2,4-Trimethylbenzene = 0.033; 1,3,5-Trimethylbenzene = 0.0088 |
| | | 2/13/2004 | IP | 6.6 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/8/2004 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | 20 | 12/19/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/30/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/6/2004 | IP | 5.8 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/13/2004 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/8/2004 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | 35 | 12/22/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/22/2003 | CS | 0.17 | 0.0046 | 0.0052 | <0.0027 | 0.0027 | <0.0027 | <0.0027 | <0.0026 | <0.0033 | 0.0078 | <0.0022 | 0.0092 | 0.0031 | 0.0177 | NA | Acetone = 0.0063; Dichlorodifluoromethane = 0.0046; 1,2,4-Trimethylbenzene = 0.0082 |
| | | 12/30/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |

# Table 8

## Summary of Selected VOC Analytical Results for Soil Vapor Samples Collected from Vapor Monitoring Wells Through June 2004 (1)

Price Pfister, Inc., 13500 Paxton Street, Pacoima, California

| | | | | VOCs (mg/L) (4) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Primary VOCs | | | | | Secondary VOCs | | | | | | | | | Emergent Chemicals | |
| Area Location | Depth (feet, bgs) | Date | Analyzed By (2)(3) | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE | 1,1-DCA | 1,2-DCA | Bromomethane | Chloroform | Trichloro-fluoromethane | Benzene | Toluene | Ethylbenzene | Total Xylenes | 1,4-Dioxane | Other VOCs Detected |
| PMW-31 | 35 | 1/6/2004 | IP | 3.4 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/13/2004 | IP | 1.2 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/8/2004 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | 50 | 12/22/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/30/2003 | IP | 9.4 | <1.0 | 1.7 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/6/2004 | IP | 10 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/13/2004 | IP | 31 | <1.0 | 4.5 | 2.3 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/13/2004 | CS | 34 | 1.3 | 8.1 | 6.4 | 1.1 | 0.82 | <0.0056 | <0.0054 | 0.02 | 0.012 | 0.025 | 0.0061 | 0.0087 | <0.012 | NA | Acetone = 0.02; Carbon Disulfide = 0.0078; Chloroethane = 0.0046; t-1,2-Dichloroethene = 0.65; 1,2,4-Trimethylbenzene = 0.016; 1,1,2-Trichloro-1,2,2-Trifluoroethane = 0.077 |
| | | 5/8/2004 | IP | 24 | <1.0 | 3.9 | 3.9 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| SVMW-202 | 15 | 3/26/2002 | IP | 3,100 | 65 | 9.3 | <1.0 | 27 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | 1,1,2-trichlorotrifluoroethane = 1.7 |
| | | 7/23/2002 | IP | 18,000 | 180 | 27 | <1.0 | 70 | <1.0 | 1.9 | NA | 1.9 | 65 | <1.0 | <1.0 | <1.0 | <1.0 | NA | 1,1,2,2-tetrachloroethane = 9.9; 1,1,2-trichlorotrifluoroethane = 15 |
| | | 11/5/2002 | IP | 3.6 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/18/2002 | IP | 28 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/7/2003 | IP | 170 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.3 | NA | |
| | | 5/6/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 8/14/2003 | IP | 3.2 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/16/2003 | IP | 3.1 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/30/2003 | IP | 8.8 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/6/2004 | IP | 11 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/10/2004 | IP | 56 | <1.0 | 1.5 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/6/2004 | CS | 7.6 | <0.041 | <0.040 | <0.030 | <0.030 | <0.030 | <0.030 | <0.029 | 0.064 | <0.042 | <0.024 | <0.028 | <0.033 | <0.065 | NA | |
| | | 5/7/2004 | IP | 1.3 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |

# Table 8

## Summary of Selected VOC Analytical Results for Soil Vapor Samples Collected from Vapor Monitoring Wells Through June 2004 (1)

Price Pfister, Inc., 13500 Paxton Street, Pacoima, California

| | | | | VOCs (mg/L) (4) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Primary VOCs | | | | | | Secondary VOCs | | | | | | | | Emergent Chemicals | |
| Area Location | Depth (feet, bgs) | Date | Analyzed By (2)(3) | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE | 1,1-DCA | 1,2-DCA | Bromomethane | Chloroform | Trichloro-fluoromethane | Benzene | Toluene | Ethylbenzene | Total Xylenes | 1,4-Dioxane | Other VOCs Detected |
| SVMW-202 | 30 | 3/26/2002 | IP | 12,300 | 88 | 11 | <1.0 | 37 | <1.0 | 1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | 1,1,1,2-tetrachloroethane = 10; 1,1,2-trichlorotrifluoroethane = 1.8 |
| | | 7/3/2002 | IP | 64,000 | 270 | 36 | <1.0 | 150 | <1.0 | 2.4 | NA | 2.7 | 110 | <1.0 | <1.0 | <1.0 | 2.7 | NA | 1,1,1,2-tetrachloroethane = 50; 1,1,2-trichlorotrifluoroethane = 9.4 |
| | | 7/3/2002 | CS | 25,000 | 210 | 21 | <15 | 180 | <15 | <15 | <15 | <19 | <21 | <12 | <14 | <17 | <33 | NA | |
| | | 7/3/2002 | KP | 27,472 | <273 | <269 | <198 | 274 | <202 | <202 | <50.0 | <244 | <281 | <160 | <188 | <217 | <217 | <1,840 | |
| | | 7/23/2002 | IP | 67,000 | 300 | 41 | <1.0 | 130 | <1.0 | 2.2 | NA | 3.1 | 120 | <1.0 | 2.5 | 3.7 | 11.4 | NA | Methylene chloride = 7.6; 1,1,1,2-tetrachloroethane = 61; 1,1,2-trichloroethane = 3.4; 1,1,2-trichlorotrifluoroethane = 3.9 |
| | | 11/5/2002 | IP | 2,200 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 11/5/2002 | CS | 1,300 | 0.64 | 0.39 | <0.028 | 0.048 | <0.028 | <0.028 | <0.027 | <0.034 | <0.039 | <0.022 | 0.067 | 0.25 | 1.50 | NA | Acetone = 0.16; Chlorobenzene = 1.1; 4-ethyltoluene = 0.97; 1,3,5-trimethylbenzene = 0.37; 1,2,4-trimethylbenzene = 0.78; 1,2-dichlorobenzene = 0.15 |
| | | 12/18/2002 | IP | 640 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/7/2003 | IP | 10,200 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | 1,1,1,2-tetrachloroethane = 1.2 |
| | | 4/21/2003 | CS | 19 | 0.058 | <0.038 | <0.028 | <0.028 | <0.029 | <0.029 | <0.027 | <0.034 | <0.040 | <0.023 | <0.027 | <0.031 | 0.12 | NA | |
| | | 5/6/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 8/14/2003 | IP | 27 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/16/2003 | IP | 11 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/30/2003 | IP | 22 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/6/2004 | IP | 39 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/10/2004 | IP | 190 | <1.0 | 1.2 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/7/2004 | IP | 100 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |

# Table 8

## Summary of Selected VOC Analytical Results for Soil Vapor Samples Collected from Vapor Monitoring Wells Through June 2004 (1)

Price Pfister, Inc., 13500 Paxton Street, Pacoima, California

| | | | | VOCs (mg/L) (4) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Primary VOCs | | | | | Secondary VOCs | | | | | | | | | Emergent Chemicals | |
| Area Location | Depth (feet, bgs) | Date | Analyzed By (2)(3) | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE | 1,1-DCA | 1,2-DCA | Bromomethane | Chloroform | Trichloro-fluoromethane | Benzene | Toluene | Ethylbenzene | Total Xylenes | 1,4-Dioxane | Other VOCs Detected |
| SVMW-202 | 45 | 3/26/2002 | IP | 25,000 | 120 | 16 | 4.1 | 63 | <1.0 | <1.0 | NA | 1.1 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | 1,1,1,2-Tetrachloroethane = 22; 1,1,2-trichlorotrifluoroethane = 1.5 |
| | | 7/23/2002 | IP | 86,000 | 310 | 44 | 1.5 | 180 | 1.5 | 3.5 | NA | 3.0 | 150 | <1.0 | <1.0 | <1.0 | 1.7 | NA | Methylene chloride = 14; 1,1,1,2-tetrachloroethane = 49; 1,1,2-trichloroethane = 3.5; 1,1,2-trichlorotrifluoroethane = 8.1 |
| | | 7/23/2002 | CS | 13,000 | 230 | 41 | <2.5 | 210 | <2.6 | <2.6 | <2.50 | <3.1 | 15 | <2.0 | 2.9 | 5.3 | 42 | NA | Methylene chloride = 14; 1,1,2-trichlorotrifluoroethane = 11; Chlorobenzene = 4.1 |
| | | 7/23/2002 | KP | 60,981 | <546 | <537 | <397 | <397 | <405 | <405 | <100 | <488 | <562 | <319 | <377 | <434 | <434 | <3,670 | |
| | | 11/5/2002 | IP | 280 | 39 | 4.7 | <1.0 | 11 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/18/2002 | IP | 430 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/18/2002 | CS | 110 | 7 | 2.8 | 0.10 | 2.3 | 1.0 | <0.032 | NA | 0.20 | <0.044 | <0.025 | <0.03 | <0.034 | <0.068 | NA | Acetone = 0.043; 4-ethyltoluene = 0.05 |
| | | 1/7/2003 | IP | 420 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/6/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 8/14/2003 | IP | 2.6 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/16/2003 | IP | 2.8 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/16/2003 | CS | 4.4 | 0.099 | 0.65 | <0.011 | 0.044 | <0.011 | <0.011 | <0.011 | 0.017 | <0.015 | <0.0087 | <0.010 | <0.012 | <0.024 | NA | |
| | | 12/30/2003 | IP | 9.3 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/6/2004 | IP | 20 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | 14 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | Carbon Tetrachloride = 7; 1,1,2-Trichlorotrifluoroethane = 7.1 |
| | | 2/10/2004 | IP | 83 | <1.0 | 1.3 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/10/2004 | CS | 58 | 0.19 | 0.13 | 0.079 | 0.069 | <0.042 | <0.042 | <0.040 | 0.15 | <0.058 | <0.033 | 0.054 | <0.045 | <0.090 | NA | Acetone = 0.27; Carbon Disulfide = 0.12; Methylene Chloride = 0.29 |
| | | 5/7/2004 | IP | 31 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| SVMW-205 | 21 | 7/23/2002 | IP | 260 | 13 | 71 | 1.4 | 17 | 1.9 | <1.0 | NA | <1.0 | 4.0 | <1.0 | 3.7 | 1.0 | 10.7 | NA | 1,1,2-trichloroethane = 3.3; 1,1,2-trichlorotrifluoroethane = 7.0 |
| | | 10/30/2002 | AA | 15 | 1.4 | 8.1 | <1 | <1 | <1 | <1 | NA | NA | <1 | <1 | <1 | <1 | <1 | NA | |
| | | 12/17/2002 | IP | 6.2 | <1.0 | 1.6 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/2/2003 | IP | 5.4 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |

# Table 8

## Summary of Selected VOC Analytical Results for Soil Vapor Samples Collected from Vapor Monitoring Wells Through June 2004 (1)

Price Pfister, Inc., 13500 Paxton Street, Pacoima, California

| | | | | VOCs (mg/L) (4) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Primary VOCs | | | | | Secondary VOCs | | | | | | | | | Emergent Chemicals | |
| Area Location | Depth (feet, bgs) | Date | Analyzed By (2)(3) | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE | 1,1-DCA | 1,2-DCA | Bromomethane | Chloroform | Trichloro-fluoromethane | Benzene | Toluene | Ethylbenzene | Total Xylenes | 1,4-Dioxane | Other VOCs Detected |
| SVMW-205 | 21 | 5/5/2003 | IP | 6.9 | <1.0 | 1.1 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 8/13/2003 | IP | 3.7 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/17/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/11/2004 | IP | 2.2 | <1.0 | 1 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/11/2004 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | 36 | 7/23/2002 | IP | 99 | 2.0 | 15 | <1.0 | 3.8 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 10/30/2002 | AA | 19 | 5.1 | 23 | 5.1 | <1 | 2.0 | <1 | NA | NA | <1 | <1 | <1 | <1 | <1 | NA | |
| | | 12/17/2002 | IP | 4.2 | <1.0 | <1.0 | 1.9 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/2/2003 | IP | 4.4 | <1.0 | 1.5 | 3.9 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/5/2003 | IP | 2.6 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 8/13/2003 | IP | 3.2 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/17/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/17/2003 | CS | 0.81 | <0.038 | 0.11 | <0.028 | <0.028 | <0.028 | <0.028 | <0.027 | <0.034 | <0.039 | <0.022 | <0.026 | <0.030 | <0.061 | NA | |
| | | 2/11/2004 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/11/2004 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | 51 | 7/23/2002 | IP | 82 | <1.0 | 7.4 | <1.0 | 2.2 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 10/30/2002 | AA | 30 | 23 | 52 | 14 | 13 | 5.0 | <1 | NA | NA | <1 | <1 | <1 | <1 | <1 | NA | |
| | | 12/17/2002 | IP | 7.7 | 1.2 | 11 | 33 | 1.7 | 2.5 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/2/2003 | IP | 14 | 5.1 | 18 | 41 | 3.9 | 3.9 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/5/2003 | IP | 1.7 | <1.0 | 1.3 | 16 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 8/13/2003 | IP | 2.2 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/17/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/11/2004 | IP | 2.8 | <1.0 | 1.5 | 9.1 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/11/2004 | IP | 1.9 | <1.0 | <1.0 | 9.7 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/11/2004 | CS | 3.7 | 0.41 | 2.3 | 13 | 0.70 | 0.76 | <0.031 | <0.030 | 0.090 | <0.043 | <0.025 | <0.029 | <0.033 | <0.067 | NA | |
| SVMW-207 | 20 | 7/3/2002 | IP | 940 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | NA | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | NA | |
| | | 7/26/2002 | IP | 887 | 44 | 13 | <1.0 | 40 | <1.0 | <1.0 | NA | <1.0 | 51 | <1.0 | <1.0 | <1.0 | <1.0 | NA | 1,1,2-trichlorotrifluoroethane = 15 |
| | | 11/4/2002 | IP | 180 | 1.1 | 2.8 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/19/2002 | IP | 45 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |

# Table 8

## Summary of Selected VOC Analytical Results for Soil Vapor Samples Collected from Vapor Monitoring Wells Through June 2004 (1)

Price Pfister, Inc., 13500 Paxton Street, Pacoima, California

| | | | | VOCs (mg/L) (4) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Primary VOCs | | | | | Secondary VOCs | | | | | | | | | Emergent Chemicals | |
| Area Location | Depth (feet, bgs) | Date | Analyzed By (2)(3) | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE | 1,1-DCA | 1,2-DCA | Bromomethane | Chloroform | Trichloro-fluoromethane | Benzene | Toluene | Ethylbenzene | Total Xylenes | 1,4-Dioxane | Other VOCs Detected |
| SVMW-207 | 20 | 1/7/2003 | IP | 53 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/6/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 8/15/2003 | IP | 12 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/18/2003 | IP | 3.5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/12/2004 | IP | 6.6 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/7/2004 | IP | 4.5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | 35 | 7/3/2002 | IP | 2,100 | <25 | <25 | <25 | <25 | <25 | <25 | NA | <25 | <25 | <25 | <25 | <25 | <25 | NA | |
| | | 7/26/2002 | IP | 1,500 | 74 | 19 | 1.1 | 85 | <1.0 | <1.0 | NA | <1.0 | 100 | <1.0 | <1.0 | <1.0 | <1.0 | NA | 1,1,2-trichlorotrifluoroethane = 9.1 |
| | | 11/4/2002 | IP | 150 | 2.4 | 5.3 | <1.0 | 2.6 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/19/2002 | IP | 56 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/19/2002 | CS | 76 | 2.2 | 2.5 | 0.05 | 0.86 | 0.056 | <0.039 | NA | 0.064 | <0.054 | <0.031 | <0.036 | <0.042 | <0.083 | NA | |
| | | 1/7/2003 | IP | 57 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/6/2003 | IP | 1.9 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 8/15/2003 | IP | 12 | 1.2 | <1.0 | <1.0 | 2.5 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 8/15/2003 | CS | 7.7 | 0.044 | 0.15 | 0.01 | 0.015 | <0.0029 | <0.0029 | <0.0028 | 0.0038 | 0.019 | 0.0026 | 0.0089 | <0.0031 | 0.0089 | NA | Dichlorodifluoromethane = 0.004; Acetone = 0.026; 2-Butanone = 0.0057 |
| | | 12/18/2003 | IP | 5.6 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/12/2004 | IP | 7.3 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/7/2004 | IP | 5.3 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | 50 | 7/3/2002 | IP | 4,300 | <25 | <25 | <25 | <25 | <25 | <25 | NA | <25 | <25 | <25 | <25 | <25 | <25 | NA | |
| | | 7/26/2002 | IP | 2,200 | 110 | 26 | 2.4 | 140 | <1.0 | <1.0 | NA | <1.0 | 170 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 11/4/2002 | IP | 73 | 1.4 | 4.3 | <1.0 | 4.2 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/19/2002 | IP | 40 | <1.0 | 6.1 | <1.0 | 3.6 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | 1,1,2-trichlorotrifluoroethane = 3.4 |
| | | 1/7/2003 | IP | 76 | <1.0 | 10 | <1.0 | 6.3 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |

# Table 8

## Summary of Selected VOC Analytical Results for Soil Vapor Samples Collected from Vapor Monitoring Wells Through June 2004 (1)

Price Pfister, Inc., 13500 Paxton Street, Pacoima, California

| | | | | VOCs (mg/L) (4) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Primary VOCs | | | | | | Secondary VOCs | | | | | | | | Emergent Chemicals | |
| Area Location | Depth (feet, bgs) | Date | Analyzed By (2)(3) | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE | 1,1-DCA | 1,2-DCA | Bromomethane | Chloroform | Trichloro-fluoromethane | Benzene | Toluene | Ethylbenzene | Total Xylenes | 1,4-Dioxane | Other VOCs Detected |
| SVMW-207 | 50 | 1/7/2003 | CS | 43 | 4.4 | 9.8 | 0.36 | 8.8 | 0.51 | <0.30 | <0.29 | <0.36 | <0.42 | <0.24 | 1.7 | 3.7 | 24.4 | NA | Acetone = 2.2; Carbon tetrachloride = 0.71; 4-ethyltoluene = 0.43; 1,3,5-trimethylbenzene = 0.46; 1,2,4-trimethylbenzene = 1.0; Hexachloro-1,3-butadiene = 2.6 |
| | | 5/6/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/6/2003 | CS | 1.9 | 0.11 | 0.56 | 0.078 | 0.51 | 0.031 | <0.012 | <0.011 | <0.014 | <0.016 | <0.0092 | <0.011 | <0.013 | <0.013 | NA | Acetone = 0.016 |
| | | 8/15/2003 | IP | 3.6 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/18/2003 | IP | 2.8 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/13/2004 | IP | 9.9 | <1.0 | 3.3 | 5 | 1.5 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/7/2004 | IP | 9.3 | <1.0 | <1.0 | 7.6 | 1.5 | <1.0 | 3.8 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| SVMW-208 | 20 | 7/1/2002 | KP | 864 | 18.6 | 16.4 | <5.05 | 54.5 | <5.15 | <5.15 | <4.95 | <6.22 | <7.15 | <4.07 | <4.8 | <5.53 | <5.53 | <45.9 | |
| | | 7/22/2002 | IP | 1,000 | 31 | 22 | <1.0 | 39 | 1.1 | <1.0 | NA | <1.0 | 61 | <1.0 | <1.0 | <1.0 | <1.0 | NA | 1,1,2-trichlorotrifluoroethane = 3.2 |
| | | 11/5/2002 | IP | 7.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/19/2002 | IP | 13 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/7/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/7/2003 | IP | 2.8 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 8/15/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/18/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/12/2004 | IP | 1.8 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/12/2004 | CS | 1.2 | 0.016 | 0.068 | <0.0027 | 0.0049 | <0.0028 | <0.0028 | <0.0027 | 0.02 | 0.013 | <0.0022 | <0.0026 | <0.0030 | <0.0059 | NA | Acetone = 0.015; Bromodichloromethane = 0.006; Dichlorodifluoromethane = 0.004 |
| | | 5/7/2004 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | 35 | 7/22/2002 | IP | 1,700 | 36 | 28 | 3.4 | 56 | 2.2 | <1.0 | NA | <1.0 | 72 | <1.0 | <1.0 | <1.0 | <1.0 | NA | 1,1,2-trichlorotrifluoroethane = 5.4 |
| | | 11/5/2002 | IP | 10 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/19/2002 | IP | 14 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/7/2003 | IP | 290 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/7/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |

# Table 8

## Summary of Selected VOC Analytical Results for Soil Vapor Samples Collected from Vapor Monitoring Wells Through June 2004 (1)

Price Pfister, Inc., 13500 Paxton Street, Pacoima, California

| Area Location | Depth (feet, bgs) | Date | Analyzed By (2)(3) | VOCs (mg/L) (4) Primary VOCs: PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE | Secondary VOCs: 1,1-DCA | 1,2-DCA | Bromomethane | Chloroform | Trichloro-fluoromethane | Benzene | Toluene | Ethylbenzene | Total Xylenes | Emergent Chemicals: 1,4-Dioxane | Other VOCs Detected |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SVMW-208 | 35 | 8/15/2003 | IP | 1.4 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/18/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/12/2004 | IP | 1.6 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/7/2004 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | 50 | 7/22/2002 | IP | 820 | 17 | 12 | 2.5 | 25 | <1.0 | <1.0 | NA | <1.0 | 36 | <1.0 | <1.0 | <1.0 | <1.0 | NA | 1,1,2-trichlorotrifluoroethane = 8.9 |
| | | 11/5/2002 | IP | 10 | <1.0 | 3.9 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/19/2002 | IP | 8.1 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/7/2003 | IP | 15 | <1.0 | 4.1 | 8.7 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/7/2003 | IP | 1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 8/15/2003 | IP | 1.3 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/18/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/12/2004 | IP | 1.8 | <1.0 | <1.0 | 2.6 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/7/2004 | IP | <1.0 | <1.0 | <1.0 | 3.3 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| SVMW-209 | 20 | 7/2/2002 | IP | 1,200 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | NA | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | NA | |
| | | 7/25/2002 | IP | 3,000 | 180 | 17 | <1.0 | 120 | <1.0 | <1.0 | NA | <1.0 | 110 | <1.0 | <1.0 | <1.0 | <1.0 | NA | 1,1,2-trichlorotrifluoroethane = 2.7 |
| | | 11/5/2002 | IP | 45 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/19/2002 | IP | 230 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/7/2003 | IP | 60 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/6/2003 | IP | 1.1 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 8/14/2003 | IP | 5.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/16/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/30/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/6/2004 | IP | 3.6 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/10/2004 | IP | 5.7 | <1.0 | 1.1 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/7/2004 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | 35 | 7/2/2002 | IP | 2,900 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | NA | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | NA | |
| | | 7/25/2002 | IP | 8,100 | 360 | 28 | <1.0 | 250 | <1.0 | <1.0 | NA | <1.0 | 230 | <1.0 | <1.0 | <1.0 | <1.0 | NA | 1,1,2-trichlorotrifluoroethane = 17 |
| | | 11/5/2002 | IP | 42 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |

# Table 8

## Summary of Selected VOC Analytical Results for Soil Vapor Samples Collected from Vapor Monitoring Wells Through June 2004 (1)

Price Pfister, Inc., 13500 Paxton Street, Pacoima, California

| | | | | VOCs (mg/L) (4) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Primary VOCs | | | | | Secondary VOCs | | | | | | | | | Emergent Chemicals | |
| Area Location | Depth (feet, bgs) | Date | Analyzed By (2)(3) | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE | 1,1-DCA | 1,2-DCA | Bromomethane | Chloroform | Trichloro-fluoromethane | Benzene | Toluene | Ethylbenzene | Total Xylenes | 1,4-Dioxane | Other VOCs Detected |
| SVMW-209 | 35 | 12/19/2002 | IP | 6.8 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/7/2003 | IP | 48 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/6/2003 | IP | 1.4 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 8/14/2003 | IP | 3.4 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/16/2003 | IP | 1.1 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/30/2003 | IP | 1.2 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/6/2004 | IP | 2.5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/10/2004 | IP | 4.6 | <1.0 | 1 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/7/2004 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | 50 | 7/2/2002 | IP | 1,600 | 120 | 7.9 | <1.0 | 103 | <1.0 | <1.0 | NA | <1.0 | 75 | <1.0 | <1.0 | <1.0 | <1.0 | NA | 1,1,2-trichlorotrifluoroethane = 8.2 |
| | | 7/2/2002 | CS | 2,600 | 340 | 16 | <2.7 | 270 | <2.8 | <2.8 | <2.6 | <3.3 | <3.8 | <2.2 | <2.6 | <3.0 | <5.9 | NA | 1,1,2-trichlorotrifluoroethane = 29 |
| | | 7/2/2002 | KP | 5,220 | 228 | <53.7 | <39.7 | 382 | <40.5 | <40.5 | <10.0 | <48.8 | <56.2 | <31.9 | <37.7 | <43.4 | <43.4 | <367 | |
| | | 7/25/2002 | IP | 11,700 | 430 | 31 | <1.0 | 330 | 1.0 | <1.0 | NA | <1.0 | 290 | <1.0 | <1.0 | <1.0 | <1.0 | NA | 1,1,2-trichlorotrifluoroethane = 8.5 |
| | | 11/5/2002 | IP | 2.6 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/19/2002 | IP | 3.5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/7/2003 | IP | 79 | 2.4 | 11 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/6/2003 | IP | 1.9 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 8/14/2003 | IP | 3.3 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/16/2003 | IP | 1.9 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/30/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/6/2004 | IP | 5.9 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/10/2004 | IP | 27 | 2 | 5.4 | 2.8 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/7/2004 | IP | 20 | <1.0 | 3.8 | 1.9 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| SVMW-210 | 20 | 7/2/2002 | IP | 330 | 350 | 8.8 | <1.0 | 55 | <1.0 | <1.0 | NA | <1.0 | 19 | <1.0 | <1.0 | <1.0 | <1.0 | NA | 1,1,2-trichlorotrifluoroethane = 2.1 |
| | | 7/2/2002 | CS | 200 | 290 | 7.7 | <0.43 | 76 | 0.58 | 0.60 | <0.42 | 1.7 | <0.60 | <0.34 | <0.41 | <0.47 | <0.93 | NA | 1,1,2-trichlorotrifluoroethane = 4.8 |
| | | 7/2/2002 | KP | 308 | 246 | 7.15 | <1.49 | 65.8 | <1.52 | <1.52 | <0.375 | <1.83 | <2.11 | <1.20 | <1.41 | <1.63 | <1.63 | <13.8 | |
| | | 7/29/2002 | IP | 460 | 410 | 11 | <1.0 | 50 | <1.0 | <1.0 | NA | <1.0 | 23 | <1.0 | <1.0 | <1.0 | <1.0 | NA | 1,1,2-trichlorotrifluoroethane = 11 |
| | | 11/4/2002 | IP | 310 | 120 | 5.7 | <1.0 | 5.1 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.9 | NA | |

# Table 8

## Summary of Selected VOC Analytical Results for Soil Vapor Samples Collected from Vapor Monitoring Wells Through June 2004 (1)

Price Pfister, Inc., 13500 Paxton Street, Pacoima, California

| | | | | VOCs (mg/L) (4) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Primary VOCs | | | | | Secondary VOCs | | | | | | | | | Emergent Chemicals | |
| Area Location | Depth (feet, bgs) | Date | Analyzed By (2)(3) | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE | 1,1-DCA | 1,2-DCA | Bromomethane | Chloroform | Trichloro-fluoromethane | Benzene | Toluene | Ethylbenzene | Total Xylenes | 1,4-Dioxane | Other VOCs Detected |
| SVMW-210 | 20 | 12/16/2002 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/7/2003 | IP | 100 | 26 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/6/2003 | IP | 62 | 14 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 8/14/2003 | IP | 82 | 13 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/16/2003 | IP | 27 | 4.1 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/10/2004 | IP | 40 | 4.6 | 1.3 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/10/2004 | IP | 51 | 5.5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | 35 | 7/2/2002 | IP | 850 | 470 | 13 | <1.0 | 140 | <1.0 | 5.3 | NA | <1.0 | 50 | <1.0 | <1.0 | <1.0 | <1.0 | NA | 1,1,2-trichlorotrifluoroethane = 6.9 |
| | | 7/29/2002 | IP | 1,200 | 590 | 19 | <1.0 | 130 | <1.0 | 7.5 | NA | 2.6 | 60 | <1.0 | <1.0 | <1.0 | <1.0 | NA | 1,1,2-trichlorotrifluoroethane = 5.3 |
| | | 11/4/2002 | IP | 58 | 10 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/16/2002 | IP | 11 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/7/2003 | IP | 100 | 23 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/7/2003 | CS | 25 | 6.4 | 0.27 | <0.037 | 0.26 | 0.053 | <0.037 | <0.036 | <0.045 | <0.052 | <0.030 | 0.041 | <0.040 | <0.080 | NA | Carbon tetrachloride = 0.97 |
| | | 5/6/2003 | IP | 2.2 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/6/2003 | CS | 4.2 | 0.42 | 0.049 | <0.0031 | 0.026 | 0.0048 | <0.0031 | <0.0031 | 0.0038 | <0.0044 | <0.0025 | 0.0061 | <0.0034 | 0.0147 | NA | Acetone = 0.011; 4-ethyltoluene = 0.0056, 1,2,4-trimethylbenzene = 0.0078 |
| | | 8/14/2003 | IP | 2.5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 8/14/2003 | CS | 2.4 | 0.25 | 0.036 | <0.0057 | 0.024 | <0.0058 | <0.0058 | <0.0056 | <0.007 | 0.014 | <0.0046 | <0.0054 | <0.0063 | <0.013 | NA | Chloromethane = 0.003, Acetone = 0.019 |
| | | 12/16/2003 | IP | 5.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/10/2004 | IP | 12 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/10/2004 | IP | 13 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | 50 | 7/2/2002 | IP | 1,800 | 540 | 20 | <1.0 | 207 | <1.0 | 5.3 | NA | 2.1 | 85 | <1.0 | <1.0 | <1.0 | <1.0 | NA | 1,1,2-trichlorotrifluoroethane = 11 |
| | | 7/29/2002 | IP | 310 | 84 | 3.6 | <1.0 | 26 | <1.0 | <1.0 | NA | <1.0 | 11 | <1.0 | <1.0 | <1.0 | <1.0 | NA | 1,1,2-trichlorotrifluoroethane = 2.8 |
| | | 11/4/2002 | IP | 23 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/16/2002 | IP | 5.7 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/7/2003 | IP | 35 | 6.5 | <1.0 | <1.0 | 3.1 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/6/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |

# Table 8

## Summary of Selected VOC Analytical Results for Soil Vapor Samples Collected from Vapor Monitoring Wells Through June 2004 (1)

Price Pfister, Inc., 13500 Paxton Street, Pacoima, California

| | | | | VOCs (mg/L) (4) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Primary VOCs | | | | | Secondary VOCs | | | | | | | | | Emergent Chemicals | |
| Area Location | Depth (feet, bgs) | Date | Analyzed By (2)(3) | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE | 1,1-DCA | 1,2-DCA | Bromomethane | Chloroform | Trichloro-fluoromethane | Benzene | Toluene | Ethylbenzene | Total Xylenes | 1,4-Dioxane | Other VOCs Detected |
| SVMW-210 | 50 | 8/14/2003 | IP | 1.8 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/16/2003 | IP | 2.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/10/2004 | IP | 3.8 | <1.0 | 1 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/10/2004 | IP | 3.1 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| SVMW-211 | 20 | 7/2/2002 | IP | 410 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | NA | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | NA | |
| | | 7/29/2002 | IP | 1,500 | 89 | 12 | <1.0 | 66 | <1.0 | <1.0 | NA | <1.0 | 37 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 11/1/2002 | IP | 7.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/16/2002 | IP | 1.4 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/7/2003 | IP | 9.2 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/6/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 8/14/2003 | IP | 1.6 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/16/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/10/2004 | IP | 2.6 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/10/2004 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | 35 | 7/2/2002 | IP | 1,200 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | NA | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | NA | |
| | | 7/29/2002 | IP | 6,200 | 160 | 24 | <1.0 | 140 | <1.0 | <1.0 | NA | <1.0 | 87 | <1.0 | <1.0 | <1.0 | <1.0 | NA | 1,1,2-trichlorotrifluoroethane = 11 |
| | | 11/1/2002 | IP | 15 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 11/1/2002 | CS | 7.4 | 0.15 | 0.15 | <0.028 | 0.11 | <0.028 | <0.028 | <0.027 | <0.034 | <0.039 | <0.022 | <0.026 | <0.030 | <0.61 | NA | Acetone = 0.049 |
| | | 12/16/2002 | IP | 5.8 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/7/2003 | IP | 15 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 2.6 | NA | |
| | | 5/6/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 8/14/2003 | IP | 2.6 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/16/2003 | IP | 1.3 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/10/2004 | IP | 2.7 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/10/2004 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | 50 | 7/2/2002 | IP | 8,700 | 150 | 21 | <1.0 | 170 | <1.0 | <1.0 | NA | <1.0 | 86 | <1.0 | <1.0 | <1.0 | <1.0 | NA | 1,1,2-trichlorotrifluoroethane = 13 |
| | | 7/2/2002 | CS | 1,900 | 160 | 16 | <1.7 | 170 | <1.7 | <1.7 | <1.7 | <2.1 | <2.4 | <1.4 | <1.6 | <1.8 | <3.7 | NA | 1,1,2-trichlorotrifluoroethane = 17 |
| | | 7/2/2002 | KP | 2,496 | 100 | 13.4 | <9.91 | 129 | <10.1 | <10.1 | <2.50 | <12.2 | <14 | <7.99 | <9.42 | <10.9 | <10.9 | <91.8 | |

# Table 8

## Summary of Selected VOC Analytical Results for Soil Vapor Samples Collected from Vapor Monitoring Wells Through June 2004 (1)

Price Pfister, Inc., 13500 Paxton Street, Pacoima, California

| | | | | VOCs (mg/L) (4) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Primary VOCs | | | | | Secondary VOCs | | | | | | | | | Emergent Chemicals | |
| Area Location | Depth (feet, bgs) | Date | Analyzed By (2)(3) | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE | 1,1-DCA | 1,2-DCA | Bromomethane | Chloroform | Trichloro-fluoromethane | Benzene | Toluene | Ethylbenzene | Total Xylenes | 1,4-Dioxane | Other VOCs Detected |
| SVMW-211 | 50 | 7/29/2002 | IP | 980 | 47 | 6.3 | <1.0 | 36 | <1.0 | <1.0 | NA | <1.0 | 26 | <1.0 | <1.0 | <1.0 | <1.0 | NA | 1,1,2-trichlorotrifluoroethane = 3.3 |
| | | 7/29/2002 | CS | 1,800 | 120 | 17 | 0.26 | 160 | 0.73 | <0.23 | <0.22 | 0.54 | <0.32 | <0.18 | 0.48 | 0.96 | 8.1 | NA | Carbon tetrachloride = 0.91; Methylene chloride = 0.86; 1,1,2-trichlorotrifluoroethane = 14; Acetone = 0.45; 1,2,4-trimethylbenzene = 0.33 |
| | | 11/1/2002 | IP | 22 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/16/2002 | IP | 14 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/7/2003 | IP | 19 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/6/2003 | IP | 2.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 8/14/2003 | IP | 4.5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/16/2003 | IP | 1.5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/10/2004 | IP | 3.1 | <1.0 | 1.1 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/10/2004 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| SVMW-215 | 5 | 12/22/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/17/2004 | IP | 1.4 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/10/2004 | IP | 2.1 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/10/2004 | CS | 2.0 | 0.086 | 0.028 | <0.0028 | 0.013 | <0.0028 | <0.0028 | <0.0027 | 0.018 | 0.012 | <0.0022 | 0.0049 | 0.012 | 0.111 | NA | Dichlorofluoromethane = 0.0047; 1,3,5-Trimethylbenzene = 0.0038; 1,2,4-Trimethylbenzene = 0.014 |
| SVMW-216 | 5 | 12/22/2003 | IP | 3.9 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/17/2004 | IP | 19 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/10/2004 | IP | 20 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| SVMW-217 | 5 | 12/22/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/17/2004 | IP | 2.9 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/10/2004 | IP | 1.5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| SVMW-218 | 5 | 12/22/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/17/2004 | IP | 6.5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/10/2004 | IP | 6.5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |

# Table 8

## Summary of Selected VOC Analytical Results for Soil Vapor Samples Collected from Vapor Monitoring Wells Through June 2004 (1)

Price Pfister, Inc., 13500 Paxton Street, Pacoima, California

| | | | | VOCs (mg/L) (4) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Primary VOCs | | | | Secondary VOCs | | | | | | | | | Emergent Chemicals | |
| Area Location | Depth (feet, bgs) | Date | Analyzed By (2)(3) | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE | 1,1-DCA | 1,2-DCA | Bromomethane | Chloroform | Trichloro-fluoromethane | Benzene | Toluene | Ethylbenzene | Total Xylenes | 1,4-Dioxane | Other VOCs Detected |
| SVMW-219 | 5 | 12/22/2003 | IP | 330 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/22/2003 | CS | 230 | <0.22 | <0.22 | <0.16 | <0.16 | <0.17 | <0.17 | <0.16 | <0.20 | <0.23 | <0.13 | 0.17 | <0.18 | <0.36 | NA | Acetone = 1.8; 2-Butanone = 0.8; Carbon Disulfide = 0.69; 2-Hexanone = 1.4; 4-Methyl-2-Pentanone = 0.36; Methylene Chloride = 2.6 |
| | | 2/17/2004 | IP | 310 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/10/2004 | IP | 300 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| **Building A Area** | | | | | | | | | | | | | | | | | | | |
| PMW-14 | 15 | 10/10/2002 | IP | 8.5 | <1.0 | 3.2 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 11/1/2002 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 11/1/2002 | CS | 6.7 | 0.20 | 2.7 | <0.028 | 0.041 | <0.028 | <0.028 | <0.027 | 0.13 | <0.039 | <0.022 | <0.026 | <0.030 | <0.061 | NA | Carbon disulfide = 0.027 |
| | | 12/19/2002 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/6/2003 | IP | 7.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/8/2003 | IP | 1.8 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/8/2003 | CS | 6.4 | <0.038 | 0.087 | <0.027 | <0.027 | <0.028 | <0.028 | <0.027 | <0.034 | <0.039 | <0.022 | <0.026 | <0030 | <0.030 | NA | |
| | | 8/12/2003 | IP | 4.8 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/16/2003 | IP | 3.3 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/10/2004 | IP | 5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/11/2004 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 10/10/2002 | IP | 16 | <1.0 | 5.5 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | 1.2 | <1.0 | 3.0 | NA | |
| | 30 | 11/1/2002 | IP | 13 | <1.0 | 11 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/19/2002 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/6/2003 | IP | 14 | <1.0 | 14 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/9/2003 | IP | 17 | <1.0 | 2.4 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 8/12/2003 | IP | 12 | <1.0 | 3.3 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/16/2003 | IP | 8.9 | <1.0 | 2.7 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/10/2004 | IP | 15 | <1.0 | 4.4 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/11/2004 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |

# Table 8

## Summary of Selected VOC Analytical Results for Soil Vapor Samples Collected from Vapor Monitoring Wells Through June 2004 (1)

Price Pfister, Inc., 13500 Paxton Street, Pacoima, California

| | | | | VOCs (mg/L) (4) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Primary VOCs | | | | | Secondary VOCs | | | | | | | | | Emergent Chemicals | |
| Area Location | Depth (feet, bgs) | Date | Analyzed By (2)(3) | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE | 1,1-DCA | 1,2-DCA | Bromomethane | Chloroform | Trichloro-fluoromethane | Benzene | Toluene | Ethylbenzene | Total Xylenes | 1,4-Dioxane | Other VOCs Detected |
| PMW-14 | 45 | 10/10/2002 | IP | 24 | 8.3 | 57 | <1.0 | <1.0 | 1.8 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 11/1/2002 | IP | 20 | 8.3 | 55 | <1.0 | <1.0 | 1.9 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/19/2002 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/6/2003 | IP | 28 | 7.8 | 64 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/9/2003 | IP | 13 | 1.5 | 24 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 8/12/2003 | IP | 13 | 1.7 | 25 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/16/2003 | IP | 15 | 1.7 | 28 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/10/2004 | IP | 27 | 4.4 | 47 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/11/2004 | IP | 7.1 | <1.0 | 15 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | 60 | 10/10/2002 | IP | 25 | 12 | 13 | <1.0 | 7.5 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 11/1/2002 | IP | 20 | 10 | 13 | <1.0 | 7.4 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/19/2002 | IP | 37 | 14 | 7.2 | <1.0 | 15 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | 1,1,2-trichlorotrifluoroethane = 6.6 |
| | | 12/19/2002 | CS | 69 | 29 | 11 | <0.028 | 20 | 0.072 | <0.028 | NA | 0.25 | 0.09 | <0.022 | <0.026 | <0.03 | <0.061 | NA | Acetone = 0.057; Methylene chloride = 0.12; Carbon tetrachloride = 0.11; 1,1,2-trichlorotrifluoroethane = 1.3 |
| | | 1/6/2003 | IP | 50 | 16 | 9.6 | <1.0 | 13 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/6/2003 | CS | 42 | 16 | 13 | <0.12 | 14 | 0.73 | <0.12 | <0.12 | 0.19 | <0.17 | <0.096 | <0.11 | <0.13 | <0.26 | NA | Carbon tetrachloride = 3.5; 1,1,2-trichloro-1,2,2-trifluoroethane = 1.4 |
| | | 5/9/2003 | IP | 21 | 8.5 | 7.2 | <1.0 | 7.1 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 8/12/2003 | IP | 7.8 | 5.8 | 10 | <1.0 | 4.3 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/16/2003 | IP | 16 | 6.1 | 14 | <1.0 | 4.5 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/10/2004 | IP | 33 | 8.4 | 13 | <1.0 | 3.5 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/11/2004 | IP | 21 | 5.0 | 8.0 | <1.0 | 2.4 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/11/2004 | CS | 31 | 6.0 | 8.7 | <0.11 | 4.2 | 0.47 | <0.11 | <0.11 | 0.15 | 0.16 | <0.089 | <0.11 | <0.12 | <0.24 | NA | 1,1,2-trichlorofluoroethane = 0.66 |
| PMW-17 | 10 | 10/10/2002 | IP | 5.1 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 11/4/2002 | IP | 71 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/19/2002 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/6/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |

# Table 8

## Summary of Selected VOC Analytical Results for Soil Vapor Samples Collected from Vapor Monitoring Wells Through June 2004 (1)

Price Pfister, Inc., 13500 Paxton Street, Pacoima, California

| | | | | VOCs (mg/L) (4) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Primary VOCs | | | | | Secondary VOCs | | | | | | | | | Emergent Chemicals | |
| Area Location | Depth (feet, bgs) | Date | Analyzed By (2)(3) | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE | 1,1-DCA | 1,2-DCA | Bromomethane | Chloroform | Trichloro-fluoromethane | Benzene | Toluene | Ethylbenzene | Total Xylenes | 1,4-Dioxane | Other VOCs Detected |
| PMW-17 | 10 | 5/9/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 8/12/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/15/2003 | IP | 3.4 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/9/2004 | IP | 2.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/12/2004 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | 25 | 10/10/2002 | IP | 6.2 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 11/4/2002 | IP | 38 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/19/2002 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/6/2003 | IP | 4.8 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/9/2003 | IP | 2.2 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 8/12/2003 | IP | 4.6 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/15/2003 | IP | 4.8 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/9/2004 | IP | 6.9 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/12/2004 | IP | 5.2 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | 40 | 10/10/2002 | IP | 7.7 | 10 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 10/10/2002 | CS | 8.1 | 14 | 0.37 | <0.012 | 1.1 | 0.40 | <0.012 | <0.012 | 0.020 | 0.040 | 0.020 | 0.030 | <0.013 | 0.060 | NA | 1,1,2-trichlorotrifluoroethane = 0.23; Chloromethane = 0.021; Carbon disulfide = 0.13; 4-ethyltoluene = 0.021 |
| | | 11/4/2002 | IP | 37 | 1.3 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/19/2002 | IP | 11 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/6/2003 | IP | 5.3 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/9/2003 | IP | 1.2 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 8/12/2003 | IP | 2.9 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/15/2003 | IP | 3.6 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/9/2004 | IP | 5.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/12/2004 | IP | 4.7 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |

# Table 8

## Summary of Selected VOC Analytical Results for Soil Vapor Samples Collected from Vapor Monitoring Wells Through June 2004 (1)

Price Pfister, Inc., 13500 Paxton Street, Pacoima, California

| | | | | VOCs (mg/L) (4) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Primary VOCs | | | | | Secondary VOCs | | | | | | | | | Emergent Chemicals | |
| Area Location | Depth (feet, bgs) | Date | Analyzed By (2)(3) | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE | 1,1-DCA | 1,2-DCA | Bromomethane | Chloroform | Trichloro-fluoromethane | Benzene | Toluene | Ethylbenzene | Total Xylenes | 1,4-Dioxane | Other VOCs Detected |
| **Oil Staging Area** | | | | | | | | | | | | | | | | | | | |
| PMW-11 | 15 | 7/11/2002 | IP | 130 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | NA | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | NA | |
| | | 7/25/2002 | IP | 6,800 | 1.3 | 31 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 10/31/2002 | IP | 19 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/18/2002 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/3/2003 | IP | 6.4 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/7/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/7/2003 | CS | 0.48 | <0.0081 | <0.0079 | <0.0059 | <0.0059 | <0.0060 | <0.0060 | <0.0057 | <0.0072 | <0.0083 | <0.0047 | <0.0056 | <0.0064 | <0.0064 | NA | Acetone = 0.021 |
| | | 8/12/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 8/12/2003 | CS | 0.44 | <0.0041 | 0.006 | 0.003 | <0.003 | <0.0031 | <0.0031 | <0.0030 | <0.0037 | <0.0043 | <0.0024 | 0.0042 | <0.0033 | 0.007 | NA | Dichlorodifluoromethane=0.0053, Acetone = 0.069, 2-Butanone = 0.0085, 1,1,2-Trichloroethane = 0.0043, 2-Hexanone = 0.023, 4-Ethyltoluene = 0.0039 |
| | | 12/17/2003 | IP | 10 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/30/2003 | IP | 20 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/6/2004 | IP | 15 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/12/2004 | IP | 3.1 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/11/2004 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | 30 | 7/11/2002 | IP | 1,600 | <5.0 | 16 | <5.0 | <5.0 | <5.0 | <5.0 | NA | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | NA | |
| | | 7/25/2002 | IP | 5,100 | 2.2 | 44 | 1.7 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | 1,1,2-trichlorotrifluoroethane = 6.1 |
| | | 10/31/2002 | IP | 460 | <1.0 | 3.1 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/18/2002 | IP | 57 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/3/2003 | IP | 63 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/7/2003 | IP | 3.4 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 8/12/2003 | IP | 4.4 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/17/2003 | IP | 6.9 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/30/2003 | IP | 14 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |

# Table 8

## Summary of Selected VOC Analytical Results for Soil Vapor Samples Collected from Vapor Monitoring Wells Through June 2004 (1)

Price Pfister, Inc., 13500 Paxton Street, Pacoima, California

| | | | | VOCs (mg/L) (4) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Primary VOCs | | | | | Secondary VOCs | | | | | | | | | Emergent Chemicals | |
| Area Location | Depth (feet, bgs) | Date | Analyzed By (2)(3) | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE | 1,1-DCA | 1,2-DCA | Bromomethane | Chloroform | Trichloro-fluoromethane | Benzene | Toluene | Ethylbenzene | Total Xylenes | 1,4-Dioxane | Other VOCs Detected |
| PMW-11 | 30 | 1/6/2004 | IP | 25 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/12/2004 | IP | 4.6 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/11/2004 | IP | 3.1 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | 45 | 7/11/2002 | IP | 3,900 | <25 | 43 | <25 | <25 | <25 | <25 | NA | <25 | <25 | <25 | <25 | <25 | <25 | NA | |
| | | 7/25/2002 | IP | 1,700 | <1.0 | 11 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 7/25/2002 | CS | 5,100 | 12 | 56 | 5.2 | 8.1 | <0.40 | <0.40 | <0.38 | 0.72 | <0.56 | <0.32 | 0.56 | 0.98 | 8.4 | NA | |
| | | 10/31/2002 | IP | 680 | <1.0 | 10 | 2.1 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 10/31/2002 | CS | 180 | 0.97 | 8.1 | 2.6 | 2.7 | 0.067 | <0.031 | <0.030 | 0.089 | <0.043 | <0.024 | <0.029 | <0.033 | <0.066 | NA | Chlorobenzene = 0.056 |
| | | 12/18/2002 | IP | 98 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/18/2002 | CS | 110 | 1.8 | 2.3 | 1.4 | 2.6 | <0.033 | <0.033 | NA | 0.086 | <0.046 | <0.026 | <0.031 | <0.035 | <0.07 | NA | |
| | | 1/3/2003 | IP | 110 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/7/2003 | IP | 7.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 8/12/2003 | IP | 9.4 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/17/2003 | IP | 5.8 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/17/2003 | CS | 14 | <0.039 | 0.055 | <0.028 | 0.088 | <0.029 | <0.029 | <0.028 | <0.035 | <0.040 | <0.023 | <0.027 | <0.031 | <0.062 | NA | |
| | | 12/30/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/6/2004 | IP | 14 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/12/2004 | IP | 7.4 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/12/2004 | CS | 9.5 | 0.18 | 0.24 | 0.0073 | 0.23 | 0.0067 | <0.0028 | <0.0026 | 0.066 | <0.0038 | <0.0022 | 0.0049 | <0.0030 | 0.0062 | NA | Acetone = 0.02;<br>2-Butanone = 0.0055;<br>Dichlorodifluoromethane = 0.0049;<br>2-Hexanone = 0.028;<br>4-Methyl-2-Pentanone = 0.0082;<br>1,2,4-Trimethylbenzene = 0.0069;<br>1,1,2-Trichloro-1,2,2-Trifluoroethane = 0.013;<br>Vinyl Chloride = 0.0045 |
| | | 5/11/2004 | IP | 43 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |

# Table 8

## Summary of Selected VOC Analytical Results for Soil Vapor Samples Collected from Vapor Monitoring Wells Through June 2004 (1)

Price Pfister, Inc., 13500 Paxton Street, Pacoima, California

| | | | | VOCs (mg/L) (4) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Primary VOCs | | | | | | Secondary VOCs | | | | | | | | Emergent Chemicals | |
| Area Location | Depth (feet, bgs) | Date | Analyzed By (2)(3) | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE | 1,1-DCA | 1,2-DCA | Bromomethane | Chloroform | Trichloro-fluoromethane | Benzene | Toluene | Ethylbenzene | Total Xylenes | 1,4-Dioxane | Other VOCs Detected |
| PMW-12 | 20 | 7/11/2002 | IP | 1,000 | <5.0 | 39 | 9.0 | <5.0 | <5.0 | <5.0 | NA | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | NA | |
| | | 7/25/2002 | IP | 950 | 1.1 | 37 | 11 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | 1,1,2-trichlorotrifluoroethane = 5.9 |
| | | 10/31/2002 | IP | 62 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/18/2002 | IP | 23 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/3/2003 | IP | 82 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/7/2003 | IP | 10 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 8/13/2003 | IP | 10 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/17/2003 | IP | 3.6 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/30/2003 | IP | 3.1 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/6/2004 | IP | 4.3 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/12/2004 | IP | 6.3 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/10/2004 | IP | 7.9 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | 35 | 7/25/2002 | IP | 1,900 | 4.0 | 71 | 26 | 1.5 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | 1,1,2-trichlorotrilluoroethane = 6.9 |
| | | 10/31/2002 | IP | 86 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/18/2002 | IP | 18 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/3/2003 | IP | 21 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/7/2003 | IP | 2.4 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 8/13/2003 | IP | 3.5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/18/2003 | IP | 1.7 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/30/2003 | IP | 2.4 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/6/2004 | IP | 3.5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | 5.8 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/12/2004 | IP | 3.9 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/10/2004 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | 50 | 7/11/2002 | IP | 2,400 | <5.0 | 80 | 25 | <5.0 | <5.0 | <5.0 | NA | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | NA | |
| | | 7/26/2002 | IP | 4,300 | 6.0 | 88 | 30 | 2.1 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | 1,1,2-trichlorotrifluoroethane = 5.5 |
| | | 10/31/2002 | IP | 64 | <1.0 | 4.8 | 4.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/18/2002 | IP | 21 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/3/2003 | IP | 55 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/7/2003 | IP | 1.7 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |

# Table 8

## Summary of Selected VOC Analytical Results for Soil Vapor Samples Collected from Vapor Monitoring Wells Through June 2004 (1)

Price Pfister, Inc., 13500 Paxton Street, Pacoima, California

| | | | | VOCs (mg/L) (4) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Primary VOCs | | | | | Secondary VOCs | | | | | | | | | Emergent Chemicals | |
| Area Location | Depth (feet, bgs) | Date | Analyzed By (2)(3) | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE | 1,1-DCA | 1,2-DCA | Bromomethane | Chloroform | Trichloro-fluoromethane | Benzene | Toluene | Ethylbenzene | Total Xylenes | 1,4-Dioxane | Other VOCs Detected |
| PMW-12 | 50 | 8/13/2003 | IP | 5.9 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/18/2003 | IP | 13 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/30/2003 | IP | 11 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/6/2004 | IP | 3.7 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | 37 | 5.4 | <1.0 | <1.0 | <1.0 | <1.0 | NA | Carbon Tetrachloride = 40 |
| | | 1/6/2004 | CS | 10 | <0.044 | 0.23 | 0.072 | <0.032 | <0.032 | <0.032 | <0.031 | <0.039 | <0.045 | <0.026 | <0.030 | <0.035 | <0.069 | NA | |
| | | 2/12/2004 | IP | 9.8 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/10/2004 | IP | 15 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| SVMW-201 | 15 | 3/26/2002 | IP | 1,200 | <1.0 | 32 | 1.7 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 3/26/2002 | CS | 10,000 | 4.9 | 120 | 8.7 | <2.9 | <2.9 | <2.9 | NA | <3.5 | <4.0 | <2.3 | <2.7 | <3.1 | 8.7 | NA | |
| | | 7/11/2002 | IP | 14,000 | <100 | 280 | <100 | <100 | <100 | <100 | NA | <100 | <100 | <100 | <100 | <100 | <100 | NA | |
| | | 7/26/2002 | IP | 14,800 | <1.0 | 200 | 7.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 11/4/2002 | IP | 580 | <1.0 | 12 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/18/2002 | IP | 370 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/3/2003 | IP | 190 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/7/2003 | IP | 210 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 8/18/2003 | IP | 480 | <1.0 | 2.7 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/17/2003 | IP | 101 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/30/2003 | IP | 150 | <1.0 | 1.5 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/6/2004 | IP | 160 | <1.0 | 1.1 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/11/2004 | IP | 680 | <1.0 | 2.3 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/11/2004 | CS | 780 | <0.49 | 2.2 | <0.36 | <0.36 | <0.36 | <0.36 | <0.35 | <0.44 | <0.51 | <0.29 | 0.79 | <0.39 | <0.78 | NA | Acetone = 5.2; Carbon Disulfide = 1.3; Hexachloro-1,3-Butadiene = 0.99; Methylene Chloride = 8.9 |
| | | 5/10/2004 | IP | 540 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | 30 | 3/26/2002 | IP | 2,200 | <1.0 | 45 | 2.9 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 7/11/2002 | IP | 19,000 | <100 | 260 | <100 | <100 | <100 | <100 | NA | <100 | <100 | <100 | <100 | <100 | <100 | NA | |
| | | 7/26/2002 | IP | 18,900 | 3.6 | 170 | 9.9 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 11/4/2002 | IP | 28,200 | <1.0 | 93 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 3.1 | NA | |
| | | 11/5/2002 | IP | 34,500 | <1.0 | 90 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 3.8 | NA | |

# Table 8

## Summary of Selected VOC Analytical Results for Soil Vapor Samples Collected from Vapor Monitoring Wells Through June 2004 (1)

Price Pfister, Inc., 13500 Paxton Street, Pacoima, California

| | | | | VOCs (mg/L) (4) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Primary VOCs | | | | | | Secondary VOCs | | | | | | | | Emergent Chemicals | |
| Area Location | Depth (feet, bgs) | Date | Analyzed By (2)(3) | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE | 1,1-DCA | 1,2-DCA | Bromomethane | Chloroform | Trichloro-fluoromethane | Benzene | Toluene | Ethylbenzene | Total Xylenes | 1,4-Dioxane | Other VOCs Detected |
| SVMW-201 | 30 | 12/18/2002 | IP | 13,500 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.4 | NA | |
| | | 1/3/2003 | IP | 9,100 | <1.0 | 10 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/7/2003 | IP | 1,100 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | NA | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | NA | |
| | | 8/15/2003 | IP | 130 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/17/2003 | IP | 160 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/30/2003 | IP | 150 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/6/2004 | IP | 200 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/11/2004 | IP | 240 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/11/2004 | IP | 190 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | 45 | 3/26/2002 | IP | 3,100 | 3.0 | 54 | 4.8 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | 1,1,2-trichlorotrifluoroethane = 1.7 |
| | | 7/11/2002 | IP | 24,000 | <100 | 290 | <100 | <100 | <100 | <100 | NA | <100 | <100 | <100 | <100 | <100 | <100 | NA | |
| | | 7/26/2002 | IP | 22,600 | 8.1 | 180 | 14 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | 1,1,2-trichlorotrifluoroethane = 11 |
| | | 7/26/2002 | CS | 5,800 | 6.7 | 93 | 12 | 2.6 | <0.64 | <0.64 | <0.62 | 0.92 | <0.89 | <0.51 | 0.93 | 1.9 | 16.1 | NA | Acetone = 1.4 |
| | | 11/4/2002 | IP | 330 | 1.6 | 7.0 | 2.2 | 3.2 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 11/4/2002 | CS | 180 | 3.1 | 5.9 | 2.6 | 6.6 | 0.063 | <0.029 | <0.027 | 0.045 | <0.040 | <0.023 | <0.027 | <0.031 | <0.061 | NA | 1,1,2-trichlorotrifluoroethane = 0.17; Chlorobenzene = 0.041 |
| | | 12/18/2002 | IP | 213 | <1.0 | <1.0 | <1.0 | 1.5 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/3/2003 | IP | 110 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/7/2003 | IP | 70 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 8/15/2003 | IP | 11 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/17/2003 | IP | 29 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/30/2003 | IP | 37 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/6/2004 | IP | 55 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/11/2004 | IP | 20 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/11/2004 | IP | 24 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| SVMW-214 | 16 | 7/11/2002 | IP | 110 | 6.2 | <5.0 | <5.0 | 15 | <5.0 | <5.0 | NA | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | NA | |
| | | 7/26/2002 | IP | 380 | 51 | 16 | <1.0 | 78 | <1.0 | <1.0 | NA | <1.0 | 7.7 | <1.0 | <1.0 | <1.0 | <1.0 | NA | 1,1,2-trichlorotrifluoroethane = 7.7 |
| | | 10/31/2002 | AA | 150 | 3.9 | 2.3 | <1.0 | 4.8 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | 1,1,2-trichlorotrifluoroethane = 3.7 |
| | | 12/18/2002 | IP | 30 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |

# Table 8

## Summary of Selected VOC Analytical Results for Soil Vapor Samples Collected from Vapor Monitoring Wells Through June 2004 (1)

Price Pfister, Inc., 13500 Paxton Street, Pacoima, California

| | | | | VOCs (mg/L) (4) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Primary VOCs | | | | | Secondary VOCs | | | | | | | | | Emergent Chemicals | |
| Area Location | Depth (feet, bgs) | Date | Analyzed By (2)(3) | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE | 1,1-DCA | 1,2-DCA | Bromomethane | Chloroform | Trichloro-fluoromethane | Benzene | Toluene | Ethylbenzene | Total Xylenes | 1,4-Dioxane | Other VOCs Detected |
| SVMW-214 | 16 | 1/3/2003 | IP | 38 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/8/2003 | IP | 6.8 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 8/12/2003 | IP | 9.3 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/16/2003 | IP | 3.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/16/2003 | CS | 3.4 | 0.088 | 0.032 | <0.011 | 0.027 | <0.011 | <0.011 | <0.011 | <0.013 | <0.016 | <0.0088 | <0.010 | <0.012 | <0.024 | NA | Acetone = 0.036 |
| | | 2/10/2004 | IP | 6.3 | <1.0 | 1 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/10/2004 | CS | 8.0 | 0.094 | 0.044 | 0.02 | 0.024 | <0.0029 | <0.0029 | <0.0028 | <0.0035 | <0.0040 | <0.0023 | 0.0041 | <0.0031 | 0.0077 | NA | Acetone = 0.015; Dichlorodifluoromethane = 0.004; 1,2,4-Trimethylbenzene = 0.015 |
| | | 5/11/2004 | IP | 9.1 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | 31 | 7/11/2002 | IP | 470 | 54 | 18 | <5.0 | 89 | <5.0 | <5.0 | NA | <5.0 | 5.5 | <5.0 | <5.0 | <5.0 | <5.0 | NA | |
| | | 7/26/2002 | IP | 2,600 | 170 | 42 | 2.9 | 240 | <1.0 | <1.0 | NA | <1.0 | 26 | <1.0 | 2.3 | <1.0 | 7.2 | NA | 1,1,2-trichlorotrifluoroethane = 4.2 |
| | | 10/31/2002 | AA | 59 | 1.2 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/18/2002 | IP | 11 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/3/2003 | IP | 22 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/8/2003 | IP | 4.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 8/12/2003 | IP | 8.8 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/16/2003 | IP | 2.6 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/10/2004 | IP | 17 | <1.0 | 1.7 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/11/2004 | IP | 6.7 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/11/2004 | CS | 2.4 | 0.085 | 0.021 | <0.011 | 0.018 | <0.011 | <0.011 | <0.011 | <0.014 | <0.016 | <0.0089 | <0.011 | <0.012 | <0.024 | NA | |
| | 46 | 7/11/2002 | IP | 1,700 | 140 | 38 | <5.0 | 210 | <5.0 | <5.0 | NA | <5.0 | 19 | <5.0 | <5.0 | <5.0 | <5.0 | NA | 1,1,2-trichlorotrifluoroethane = 25 |
| | | 7/26/2002 | IP | 3,100 | 160 | 42 | 3.3 | 220 | <1.0 | <1.0 | NA | <1.0 | 25 | <1.0 | <1.0 | <1.0 | <1.0 | NA | 1,1,2-trichlorotrifluoroethane = 7.4 |
| | | 10/31/2002 | AA | 63 | 6.4 | 2.8 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/18/2002 | IP | 10 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/3/2003 | IP | 13 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/8/2003 | IP | 1.1 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 8/12/2003 | IP | 14 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/16/2003 | IP | 4.2 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/11/2004 | IP | 4.2 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/11/2004 | IP | 3.9 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |

# Table 8

## Summary of Selected VOC Analytical Results for Soil Vapor Samples Collected from Vapor Monitoring Wells Through June 2004 (1)

Price Pfister, Inc., 13500 Paxton Street, Pacoima, California

| | | | | VOCs (mg/L) (4) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Primary VOCs | | | | | Secondary VOCs | | | | | | | | | Emergent Chemicals | |
| Area Location | Depth (feet, bgs) | Date | Analyzed By (2)(3) | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE | 1,1-DCA | 1,2-DCA | Bromomethane | Chloroform | Trichloro-fluoromethane | Benzene | Toluene | Ethylbenzene | Total Xylenes | 1,4-Dioxane | Other VOCs Detected |
| SVMW-220 | 5 | 12/22/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/17/2004 | IP | 9.9 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/17/2004 | CS | 9.5 | 0.023 | 0.082 | <0.0029 | <0.0029 | 0.032 | <0.0029 | <0.0028 | <0.0035 | <0.0041 | <0.0023 | 0.0067 | <0.0031 | 0.019 | NA | Acetone = 0.01; 2-Butanone = 0.0046; Dichlorodifluoromethane = 0.0038; 2-Hexanone = 0.015 |
| | | 5/10/2004 | IP | 20 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| SVMW-221 | 5 | 12/22/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/17/2004 | IP | 5.4 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/10/2004 | IP | 1.4 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| SVMW-222 | 5 | 12/22/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/17/2004 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/10/2004 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| SVMW-223 | 5 | 12/22/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/17/2004 | IP | 2.6 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/10/2004 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| SVMW-224 | 5 | 12/22/2003 | IP | 7.4 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/17/2004 | IP | 35 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/17/2004 | CS | 43 | 0.022 | 0.57 | 0.0075 | <0.0028 | <0.0029 | <0.0029 | <0.0028 | <0.0035 | <0.0040 | 0.0025 | 0.0091 | 0.0056 | 0.034 | NA | Acetone = 0.0098; Dichlorodifluoromethane = 0.0043 |
| | | 5/10/2004 | IP | 13 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| SVMW-225 | 5 | 12/22/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/22/2003 | CS | 0.43 | 0.013 | <0.0074 | <0.0055 | <0.0056 | <0.0056 | <0.0056 | <0.0054 | <0.0067 | <0.0078 | <0.0044 | <0.0052 | <0.0060 | <0.012 | NA | Acetone = 0.0097 |
| | | 2/17/2004 | IP | 1.9 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/10/2004 | IP | 2.5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| **Building L Area** | | | | | | | | | | | | | | | | | | | |
| PMW-34 | 5 | 12/22/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/13/2004 | IP | 3.9 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/8/2004 | IP | 4.5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |

# Table 8

## Summary of Selected VOC Analytical Results for Soil Vapor Samples Collected from Vapor Monitoring Wells Through June 2004 (1)

Price Pfister, Inc., 13500 Paxton Street, Pacoima, California

| | | | | VOCs (mg/L) (4) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Primary VOCs | | | | Secondary VOCs | | | | | | | | | | Emergent Chemicals | |
| Area Location | Depth (feet, bgs) | Date | Analyzed By (2)(3) | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE | 1,1-DCA | 1,2-DCA | Bromomethane | Chloroform | Trichloro-fluoromethane | Benzene | Toluene | Ethylbenzene | Total Xylenes | 1,4-Dioxane | Other VOCs Detected |
| PMW-34 | 20 | 12/22/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/17/2004 | IP | 1.1 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/8/2004 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | 35 | 12/22/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/17/2004 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/8/2004 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | 50 | 12/22/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/17/2004 | IP | 2.8 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/8/2004 | IP | 1.7 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| SVMW-213 | 19 | 7/24/2002 | IP | 200 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 7/29/2002 | IP | 140 | <1.0 | 1.4 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 10/30/2002 | AA | <1 | <1 | <1 | <1 | <1 | <1 | <1 | NA | NA | <1 | <1 | <1 | <1 | <1 | NA | |
| | | 12/18/2002 | IP | 75 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/3/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/7/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 8/13/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/17/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/11/2004 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/11/2004 | IP | 6.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | 34 | 7/24/2002 | IP | 43 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | 1,1,2-trichlorotrifluoroethane = 5.0 |
| | | 7/29/2002 | IP | 52 | <1.0 | 1.8 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 10/30/2002 | AA | 3.0 | <1 | <1 | <1 | <1 | <1 | <1 | NA | NA | <1 | <1 | <1 | <1 | <1 | NA | |
| | | 12/18/2002 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/3/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/7/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 8/13/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/17/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/11/2004 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/11/2004 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |

# Table 8

## Summary of Selected VOC Analytical Results for Soil Vapor Samples Collected from Vapor Monitoring Wells Through June 2004 (1)

Price Pfister, Inc., 13500 Paxton Street, Pacoima, California

| | | | | VOCs (mg/L) (4) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Primary VOCs | | | | | Secondary VOCs | | | | | | | | | Emergent Chemicals | |
| Area Location | Depth (feet, bgs) | Date | Analyzed By (2)(3) | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE | 1,1-DCA | 1,2-DCA | Bromomethane | Chloroform | Trichloro-fluoromethane | Benzene | Toluene | Ethylbenzene | Total Xylenes | 1,4-Dioxane | Other VOCs Detected |
| SVMW-213 | 49 | 7/24/2002 | IP | 9,000 (6) | 6.2 | 2.3 | <1.0 | 2.1 | <1.0 | <1.0 | NA | <1.0 | 1.1 | <1.0 | <1.0 | <1.0 | <1.0 | NA | 1,1,2-trichlorotrifluoroethane = 18 |
| | | 7/24/2002 | CS | 24 | 0.080 | 1.5 | 0.082 | 3.7 | <0.011 | <0.011 | <0.011 | 0.065 | 0.021 | <0.0091 | <0.011 | <0.012 | 0.069 | NA | 1,1,2-trichlorotrifluoroethane = 0.68; Acetone = 0.022 |
| | | 7/24/2002 | KP | 60.8 | 1.05 | 3.08 | 0.134 | 5.51 | <0.040 | <0.040 | <0.010 | <0.049 | <0.056 | <0.032 | <0.038 | <0.043 | <0.043 | <0.367 | 1,1,2-trichlorotrifluoroethane = 1.03 |
| | | 7/29/2002 | IP | 55 | <1.0 | 2.1 | <1.0 | 1.2 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 10/30/2002 | AA | 3.9 | <1 | <1 | <1 | <1 | <1 | <1 | NA | NA | <1 | <1 | <1 | <1 | <1 | NA | |
| | | 10/30/2002 | CS | 4.1 | 0.32 | 0.20 | <0.029 | 0.33 | <0.029 | <0.029 | <0.028 | 0.075 | <0.040 | <0.023 | <0.027 | <0.031 | 0.219 | NA | Acetone = 0.13; 4-ethyltoluene = 0.088; 1,3,5-trimethylbenzene = 0.048; 1,2,4-trimethylbenzene = 0.10 |
| | | 12/18/2002 | IP | 52 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/3/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/7/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 8/13/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/17/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/11/2004 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/11/2004 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| **Other Site Locations** | | | | | | | | | | | | | | | | | | NA | |
| PMW-9 | 15 | 7/23/2002 | IP | 130 | 5.2 | 2.0 | <1.0 | 5.1 | <1.0 | <1.0 | NA | <1.0 | 4.4 | <1.0 | <1.0 | <1.0 | <1.0 | NA | 1,1,2-trichloroethane = 3.2; 1,1,2-trichlorotrifluoroethane = 12 |
| | | 10/31/2002 | IP | 59 | 1.4 | 1.6 | <1.0 | 1.3 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/17/2002 | IP | 23 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/2/2003 | IP | 17 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/5/2003 | IP | 6.7 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 8/12/2003 | IP | 14 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/15/2003 | IP | 3.4 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/9/2004 | IP | 2.1 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/8/2004 | CS | 7.8 | 0.042 | <0.038 | <0.028 | 0.04 | <0.029 | <0.029 | <0.028 | <0.035 | <0.040 | <0.023 | <0.027 | <0.031 | <0.062 | NA | |
| | | 5/8/2004 | IP | 4.7 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |

# Table 8

## Summary of Selected VOC Analytical Results for Soil Vapor Samples Collected from Vapor Monitoring Wells Through June 2004 (1)

Price Pfister, Inc., 13500 Paxton Street, Pacoima, California

| Area Location | Depth (feet, bgs) | Date | Analyzed By (2)(3) | VOCs (mg/L) (4) Primary VOCs: PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE | Secondary VOCs: 1,1-DCA | 1,2-DCA | Bromomethane | Chloroform | Trichloro-fluoromethane | Benzene | Toluene | Ethylbenzene | Total Xylenes | Emergent Chemicals: 1,4-Dioxane | Other VOCs Detected |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PMW-9 | 30 | 7/23/2002 | IP | 330 | 13 | 9.6 | <1.0 | 16 | <1.0 | <1.0 | NA | <1.0 | 13 | <1.0 | <1.0 | <1.0 | <1.0 | NA | 1,1,2-trichloroethane = 3.3; 1,1,2-trichlorotrifluoroethane = 4.2 |
| | | 10/31/2002 | IP | 170 | 6.1 | 6.0 | <1.0 | 8.1 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/17/2002 | IP | 76 | <1.0 | <1.0 | <1.0 | 3.1 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/2/2003 | IP | 92 | 1.8 | 1.4 | <1.0 | 4.2 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/5/2003 | IP | 26 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 8/12/2003 | IP | 27 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/15/2003 | IP | 25 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/9/2004 | IP | 25 | <1.0 | 1.3 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/8/2004 | IP | 21 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | 45 | 7/23/2002 | IP | 400 | 18 | 15 | <1.0 | 22 | <1.0 | <1.0 | NA | <1.0 | 17 | <1.0 | <1.0 | <1.0 | <1.0 | NA | 1,1,2-trichloroethane = 3.4; 1,1,2-trichlorotrifluoroethane = 6.0 |
| | | 7/23/2002 | CS | 190 | 13 | 11 | 0.69 | 30 | 0.56 | <0.012 | <0.011 | 0.087 | 0.12 | 0.0094 | 0.016 | <0.012 | <0.025 | NA | Carbon Tetrachloride = 0.070; trans-1,2-dichloroethane = 0.085; 1,1,2-trichlorotrifluoroethane = 1.3; Vinyl Chloride = 0.011; Acetone = 0.020; 1,2,4-trimethylbenzene = 0.016 |
| | | 7/23/2002 | KP | 309 | 10.0 | 9.78 | <3.97 | 31.6 | <4.05 | <4.05 | <1.00 | <4.88 | <5.62 | <3.19 | <3.77 | <4.34 | <4.34 | <36.7 | |
| | | 10/31/2002 | IP | 320 | 13 | 14 | <1.0 | 25 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/17/2002 | IP | 270 | 9.0 | 9.9 | 21 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/2/2003 | IP | 250 | 8.2 | 9.8 | <1.0 | 18 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/5/2003 | IP | 140 | 4.0 | 5.3 | <1.0 | 13 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 8/12/2003 | IP | 109 | 3.5 | 6.3 | <1.0 | 8.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/15/2003 | IP | 84 | 2.4 | 5.8 | <1.0 | 5.1 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/9/2004 | IP | 85 | 4.1 | 7.2 | <1.0 | 5.5 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/8/2004 | IP | 78 | 2.3 | 6.2 | <1.0 | 5.3 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| PMW-10 | 18 | 7/24/2002 | IP | 2.5 | 3.4 | <1.0 | <1.0 | 5.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | 1,1,2-trichlorotrifluoroethane = 11 |
| | | 11/1/2002 | IP | 3.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.4 | NA | |
| | | 12/17/2002 | IP | 8.4 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |

# Table 8

## Summary of Selected VOC Analytical Results for Soil Vapor Samples Collected from Vapor Monitoring Wells Through June 2004 (1)

Price Pfister, Inc., 13500 Paxton Street, Pacoima, California

| | | | | VOCs (mg/L) (4) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Primary VOCs | | | | | Secondary VOCs | | | | | | | | | Emergent Chemicals | |
| Area Location | Depth (feet, bgs) | Date | Analyzed By (2)(3) | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE | 1,1-DCA | 1,2-DCA | Bromomethane | Chloroform | Trichloro-fluoromethane | Benzene | Toluene | Ethylbenzene | Total Xylenes | 1,4-Dioxane | Other VOCs Detected |
| PMW-10 | 18 | 1/6/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/8/2003 | IP | 5.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 8/13/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/18/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/12/2004 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/12/2004 | IP | 2.3 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | 33 | 7/24/2002 | IP | 23 | 17 | <1.0 | <1.0 | 17 | <1.0 | <1.0 | NA | <1.0 | 3.5 | <1.0 | <1.0 | <1.0 | <1.0 | NA | 1,1,2-trichlorotrifluoroethane = 3.6 |
| | | 11/1/2002 | IP | 2.5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/17/2002 | IP | 4.2 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/6/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/8/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/8/2003 | CS | 0.77 | 0.0054 | <0.0038 | <0.0028 | <0.0028 | <0.0028 | <0.0028 | <0.0027 | <0.0034 | <0.0039 | <0.0022 | <0.0026 | <0.0030 | <0.0030 | NA | Acetone = 0.014 |
| | | 8/14/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/18/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/12/2004 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/12/2004 | IP | 1.2 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | 48 | 7/24/2002 | IP | 130 | 21 | <1.0 | <1.0 | 17 | <1.0 | <1.0 | NA | <1.0 | 3.8 | <1.0 | <1.0 | <1.0 | <1.0 | NA | 1,1,2-trichlorotrifluoroethane = 10 |
| | | 11/1/2002 | IP | 11 | 4.4 | <1.0 | <1.0 | 1.7 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/17/2002 | IP | 4.1 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/6/2003 | IP | 3.3 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/8/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 8/15/2003 | IP | 1.5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/18/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/18/2003 | CS | 1.6 | 0.65 | 0.38 | <0.0029 | 0.33 | 0.11 | <0.0029 | <0.0028 | 0.01 | 0.027 | <0.0023 | 0.014 | 0.0033 | 0.0199 | NA | Acetone = 0.038; Dichlorodifluoromethane = 0.0049; Methyl-t-Butyl Ether (MTBE) = 0.012; 1,1,2-Trichloro-1,2,2-Trifluoroethane = 0.011; 1,2,4-Trimethylbenzene = 0.0086 |

# Table 8

## Summary of Selected VOC Analytical Results for Soil Vapor Samples Collected from Vapor Monitoring Wells Through June 2004 (1)

Price Pfister, Inc., 13500 Paxton Street, Pacoima, California

| | | | | VOCs (mg/L) (4) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Primary VOCs | | | | | Secondary VOCs | | | | | | | | | Emergent Chemicals | |
| Area Location | Depth (feet, bgs) | Date | Analyzed By (2)(3) | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE | 1,1-DCA | 1,2-DCA | Bromomethane | Chloroform | Trichloro-fluoromethane | Benzene | Toluene | Ethylbenzene | Total Xylenes | 1,4-Dioxane | Other VOCs Detected |
| PMW-13 | 15 | 2/12/2004 | IP | 3.9 | 1.1 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/12/2004 | IP | 3.6 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 7/24/2002 | IP | 64 | <1.0 | 3.2 | <1.0 | 2.0 | <1.0 | <1.0 | NA | <1.0 | 1.9 | <1.0 | <1.0 | <1.0 | <1.0 | NA | 1,1,2-trichlorotrifluoroethane = 11 |
| | | 10/31/2002 | IP | 25 | 1.1 | <1.0 | <1.0 | 1.8 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/17/2002 | IP | 7.5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/2/2003 | IP | 5.4 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/8/2003 | IP | 1.3 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 8/12/2003 | IP | 3.9 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 8/12/2003 | CS | 5.5 | 0.36 | 0.043 | <0.006 | 0.33 | <0.0061 | <0.0061 | <0.0059 | 0.021 | 0.045 | <0.0048 | <0.0057 | <0.0066 | <0.013 | NA | Acetone = 0.11, 2-Butanone = 0.034 |
| | | 12/15/2003 | IP | 2.7 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/9/2004 | IP | 5.5 | <1.0 | 1.1 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/12/2004 | IP | 2.2 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | 30 | 7/24/2002 | IP | 170 | 2.0 | <1.0 | <1.0 | 5.8 | <1.0 | <1.0 | NA | <1.0 | 4.4 | <1.0 | <1.0 | <1.0 | <1.0 | NA | 1,1,2-trichlorotrifluoroethane = 4.4 |
| | | 10/31/2002 | IP | 31 | 2.3 | <1.0 | <1.0 | 5.1 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/17/2002 | IP | 18 | <1.0 | <1.0 | <1.0 | 3.9 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/2/2003 | IP | 18 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/8/2003 | IP | 4.8 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 8/12/2003 | IP | 8.3 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/15/2003 | IP | 3.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/9/2004 | IP | 7.1 | <1.0 | 1 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/12/2004 | IP | 4.3 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | 45 | 7/24/2002 | IP | 89 | 4.1 | 1.2 | <1.0 | 8.9 | <1.0 | <1.0 | NA | <1.0 | 6.6 | <1.0 | <1.0 | <1.0 | <1.0 | NA | 1,1,2-trichlorotrifluoroethane = 8.4 |
| | | 10/31/2002 | IP | 130 | 9.1 | 3.7 | <1.0 | 20 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | 1,1,2-trichlorotrifluoroethane = 2.4 |
| | | 12/17/2002 | IP | 130 | 7.4 | 1.8 | <1.0 | 22 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | 1,1,2-trichlorotrifluoroethane = 1.2 |
| | | 12/17/2002 | CS | 130 | 16.0 | 4.4 | 0.70 | 26 | 0.33 | <0.034 | NA | 0.33 | 0.31 | <0.027 | <0.031 | <0.036 | <0.072 | NA | Carbon tetrachloride = 0.074; trans-1,2-dichloroethane = 0.12; 1,1,2-trichlorotrifluoroethane = 3.4 |
| | | 1/2/2003 | IP | 30 | <1.0 | <1.0 | <1.0 | 3.5 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/8/2003 | IP | 1.9 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |

# Table 8

## Summary of Selected VOC Analytical Results for Soil Vapor Samples Collected from Vapor Monitoring Wells Through June 2004 (1)

Price Pfister, Inc., 13500 Paxton Street, Pacoima, California

| | | | | VOCs (mg/L) (4) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Primary VOCs | | | | | Secondary VOCs | | | | | | | | | Emergent Chemicals | |
| Area Location | Depth (feet, bgs) | Date | Analyzed By (2)(3) | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE | 1,1-DCA | 1,2-DCA | Bromomethane | Chloroform | Trichloro-fluoromethane | Benzene | Toluene | Ethylbenzene | Total Xylenes | 1,4-Dioxane | Other VOCs Detected |
| PMW-13 | 45 | 8/12/2003 | IP | 79 | 3.5 | 2.3 | <1.0 | 8.2 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/15/2003 | IP | 50 | 2.7 | 1.8 | <1.0 | 5.2 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/9/2004 | IP | 82 | 5.1 | 3.5 | <1.0 | 6.9 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/12/2004 | IP | 61 | 2.7 | 1.2 | <1.0 | 5.5 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | 60 | 7/24/2002 | IP | 180 | 6.7 | 3.9 | <1.0 | 12 | <1.0 | <1.0 | NA | <1.0 | 10 | <1.0 | <1.0 | <1.0 | <1.0 | NA | 1,1,2-trichlorotrifluoroethane = 8.1 |
| | | 10/31/2002 | IP | 27 | <1.0 | <1.0 | <1.0 | 1.9 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 10/31/2002 | CS | 100 | 12 | 6.5 | 1.2 | 23 | 0.57 | <0.031 | <0.029 | 0.14 | 0.14 | <0.024 | <0.028 | <0.033 | <0.066 | NA | Carbon tetrachloride = 0.059; trans-1,2-dichloroethane = 0.21; 1,1,2-trichlorotrifluoroethane = 3.7 |
| | | 12/17/2002 | IP | 200 | 8.8 | 6.0 | <1.0 | 24 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | 1,1,2-trichlorotrifluoroethane = 1.9 |
| | | 1/2/2003 | IP | 210 | 8.3 | 5.8 | <1.0 | 20 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | 1,1,2-trichlorotrifluoroethane = 1.6 |
| | | 5/8/2003 | IP | 84 | 3.7 | 3.0 | <1.0 | 8.7 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 8/12/2003 | IP | 130 | 4.8 | 4.6 | <1.0 | 10 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/15/2003 | IP | 130 | 5.2 | 5.3 | <1.0 | 7.6 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/9/2004 | IP | 140 | 7.1 | 6.5 | 1 | 8.1 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/12/2004 | IP | 110 | 4.6 | 3.6 | <1.0 | 7.1 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/12/2004 | CS | 71 | 4.5 | 4.1 | 0.58 | 8.1 | 0.37 | <0.15 | <0.14 | 0.24 | <0.20 | <0.12 | <0.14 | <0.16 | <0.31 | NA | Acetone = 0.41; Methylene Chloride = 0.53; 1,1,2-Trichlorotrifluoroethane = 0.91; Carbon Disulfide = 0.48; 1,1,2,2-Tetrachloroethane = 0.58; 4-Ethyltoluene = 0.34; 1,3,5-Trimethylbenzene = 0.35; 1,2,4-Trimethylebenzene = 0.50; Benzyl Chloride = 0.41; 1,3-Dichlororbenzene = 0.54; 1,4-Dichlorobenzene = 0.49; 1,2-Dichlorobenzene = 0.68; 1,2,4-trichlorobenzene = 2.4; Hexachloro-1,3-Butadiene = 9.3 |

# Table 8

## Summary of Selected VOC Analytical Results for Soil Vapor Samples Collected from Vapor Monitoring Wells Through June 2004 (1)

Price Pfister, Inc., 13500 Paxton Street, Pacoima, California

| | | | | VOCs (mg/L) (4) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Primary VOCs | | | | Secondary VOCs | | | | | | | | | | Emergent Chemicals | |
| Area Location | Depth (feet, bgs) | Date | Analyzed By (2)(3) | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE | 1,1-DCA | 1,2-DCA | Bromomethane | Chloroform | Trichloro-fluoromethane | Benzene | Toluene | Ethylbenzene | Total Xylenes | 1,4-Dioxane | Other VOCs Detected |
| PMW-15 | 20 | 7/23/2002 | IP | 73 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 11/1/2002 | IP | 5.8 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/17/2002 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/6/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/8/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 8/15/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/18/2003 | IP | 2.1 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/12/2004 | IP | 1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/12/2004 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | 35 | 7/23/2002 | IP | 71 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 11/1/2002 | IP | 11 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/17/2002 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/6/2003 | IP | 2.5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/8/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 8/15/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/18/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/12/2004 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/12/2004 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | 50 | 7/23/2002 | IP | 55 | <1.0 | 1.4 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 11/1/2002 | IP | 46 | <1.0 | 3.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/17/2002 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/6/2003 | IP | 27 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/8/2003 | IP | 2.6 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 8/15/2003 | IP | 2.4 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/18/2003 | IP | 1.3 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/12/2004 | IP | 1.7 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/12/2004 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | 65 | 7/23/2002 | IP | 93 | <1.0 | 3.5 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 11/1/2002 | IP | 70 | <1.0 | 4.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |

# Table 8

## Summary of Selected VOC Analytical Results for Soil Vapor Samples Collected from Vapor Monitoring Wells Through June 2004 (1)

Price Pfister, Inc., 13500 Paxton Street, Pacoima, California

| | | | | VOCs (mg/L) (4) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Primary VOCs | | | | | Secondary VOCs | | | | | | | | | Emergent Chemicals | |
| Area Location | Depth (feet, bgs) | Date | Analyzed By (2)(3) | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE | 1,1-DCA | 1,2-DCA | Bromomethane | Chloroform | Trichloro-fluoromethane | Benzene | Toluene | Ethylbenzene | Total Xylenes | 1,4-Dioxane | Other VOCs Detected |
| PMW-15 | 65 | 12/17/2002 | IP | 1.2 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/17/2002 | CS | 61 | 0.45 | 4.1 | 0.76 | 1.1 | <0.034 | <0.034 | NA | 0.10 | <0.047 | <0.027 | <0.032 | <0.037 | <0.073 | NA | |
| | | 1/6/2003 | IP | 70 | <1.0 | 1.6 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/8/2003 | IP | 4.3 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 8/15/2003 | IP | 3.8 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/18/2003 | IP | 1.6 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/12/2004 | IP | 3.4 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/12/2004 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/12/2004 | CS | 2.6 | <0.040 | 0.099 | <0.029 | 0.082 | <0.030 | <0.030 | <0.028 | 0.082 | <0.041 | <0.023 | <0.028 | <0.032 | <0.063 | NA | Acetone = 0.045 |
| SVMW-203 | 18 | 7/22/2002 | IP | 28 | 13 | 32 | 44 | 9.9 | 4.2 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 10/30/2002 | AA | 3.7 | <1 | 5.7 | 22 | 1.0 | 1.5 | <1 | NA | NA | <1 | <1 | <1 | <1 | <1 | NA | |
| | | 12/16/2002 | IP | <1.0 | <1.0 | <1.0 | 5.3 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/2/2003 | IP | 1.4 | <1.0 | 1.2 | 9.4 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/5/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 8/13/2003 | IP | 1.6 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/17/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/11/2004 | IP | 1.7 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/11/2004 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | 33 | 7/22/2002 | IP | 34 | 22 | 38 | 89 | 17 | 6.9 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 10/30/2002 | AA | 21 | 22 | 29 | 140 | 18 | 11 | <1 | NA | NA | <1 | <1 | <1 | <1 | <1 | NA | |
| | | 12/16/2002 | IP | 8.5 | 2.8 | 14 | 150 | 3.5 | 8.1 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/2/2003 | IP | 10 | 2.7 | 14 | 155 | 3.1 | 8.5 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/5/2003 | IP | 2.3 | <1.0 | 3.6 | 39 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 8/13/2003 | IP | 1.9 | <1.0 | 1.5 | 4.5 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 8/13/2003 | CS | 1.7 | 0.22 | 1.9 | 7.5 | 0.11 | 0.21 | 0.064 | <0.059 | 0.092 | <0.085 | <0.049 | <0.057 | <0.066 | <0.13 | NA | |
| | | 12/17/2003 | IP | 1.8 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/11/2004 | IP | 2.9 | <1.0 | 1.7 | 3.6 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/11/2004 | IP | 1.5 | <1.0 | <1.0 | 2.7 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |

# Table 8

## Summary of Selected VOC Analytical Results for Soil Vapor Samples Collected from Vapor Monitoring Wells Through June 2004 (1)

Price Pfister, Inc., 13500 Paxton Street, Pacoima, California

| | | | | VOCs (mg/L) (4) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Primary VOCs | | | | | Secondary VOCs | | | | | | | | | Emergent Chemicals | |
| Area Location | Depth (feet, bgs) | Date | Analyzed By (2)(3) | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE | 1,1-DCA | 1,2-DCA | Bromomethane | Chloroform | Trichloro-fluoromethane | Benzene | Toluene | Ethylbenzene | Total Xylenes | 1,4-Dioxane | Other VOCs Detected |
| SVMW-203 | 48 | 7/22/2002 | IP | 62 | 36 | 62 | 160 | 25 | 13 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 10/30/2002 | AA | 42 | 48 | 52 | 230 | 46 | 19 | <2 | NA | NA | <2 | <2 | <2 | <2 | <2 | NA | |
| | | 12/16/2002 | IP | 25 | 16 | 31 | 310 | 20 | 21 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/16/2002 | CS | 39 | 30 | 35 | 130 | 44 | 27 | 0.39 | NA | 0.89 | <0.041 | 0.096 | 0.039 | <0.032 | 0.089 | NA | Chloroethane = 0.025; 1,1,2-trichlorotrifluoroethane = 1.7; Vinyl chloride = 0.097 |
| | | 1/2/2003 | IP | 27 | 9.7 | 30 | 310 | 16 | 21 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/5/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 8/13/2003 | IP | 9.0 | 1.4 | 8.8 | 96 | <1.0 | 2.8 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/17/2003 | IP | 3.4 | <1.0 | 4.5 | 41 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/11/2004 | IP | 8.4 | 1 | 6.9 | 52 | <1.0 | 2.4 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/11/2004 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| SVMW-204 | 24 | 7/23/2002 | IP | 16 | 2.5 | 2.4 | <1.0 | 1.2 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 10/30/2002 | AA | 3.4 | 1.4 | <1 | <1 | <1 | <1 | <1 | NA | NA | <1 | <1 | <1 | <1 | <1 | NA | |
| | | 12/16/2002 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.5 | NA | |
| | | 1/2/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/5/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 8/13/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/17/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/11/2004 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/11/2004 | IP | 9.1 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | 39 | 7/23/2002 | IP | 21 | 7.2 | 4.5 | <1.0 | 3.1 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.5 | NA | |
| | | 10/30/2002 | AA | 9.7 | 6.1 | 1.9 | <1 | 1.3 | <1 | <1 | NA | NA | <1 | <1 | <1 | <1 | <1 | NA | |
| | | 12/16/2002 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.0 | NA | |
| | | 1/2/2003 | IP | 1.2 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/5/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 8/13/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/17/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/11/2004 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |

# Table 8

## Summary of Selected VOC Analytical Results for Soil Vapor Samples Collected from Vapor Monitoring Wells Through June 2004 (1)

Price Pfister, Inc., 13500 Paxton Street, Pacoima, California

| | | | | VOCs (mg/L) (4) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Primary VOCs | | | | Secondary VOCs | | | | | | | | | | Emergent Chemicals | |
| Area Location | Depth (feet, bgs) | Date | Analyzed By (2)(3) | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE | 1,1-DCA | 1,2-DCA | Bromomethane | Chloroform | Trichloro-fluoromethane | Benzene | Toluene | Ethylbenzene | Total Xylenes | 1,4-Dioxane | Other VOCs Detected |
| SVMW-204 | 39 | 2/11/2004 | CS | 0.63 | 0.063 | 0.058 | 0.056 | 0.036 | 0.0059 | <0.0029 | <0.0028 | 0.22 | <0.0040 | <0.0023 | 0.0044 | <0.0031 | 0.0078 | NA | Acetone = 0.012; Bromodichloromethane = 0.028; Dichlorodifluoromethane = 0.0042; Methylene Chloride = 0.036; 1,2,4-Trimethylbenzene = 0.013 |
| | | 5/11/2004 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | 54 | 7/23/2002 | IP | 54 | 11 | 6.4 | <1.0 | 4.1 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 10/30/2002 | AA | 21 | 14 | <5 | <5 | <5 | <5 | <5 | NA | NA | <5 | <5 | <5 | <5 | <5 | NA | |
| | | 12/16/2002 | IP | 21 | 4.7 | 1.4 | <1.0 | 2.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/2/2003 | IP | 19 | 4.3 | <1.0 | <1.0 | 1.5 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/5/2003 | IP | 4.1 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 8/13/2003 | IP | 2.3 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/17/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/11/2004 | IP | 2.7 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/11/2004 | IP | 1.7 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| SVMW-206 | 14 | 7/23/2002 | IP | <1.0 | <1.0 | 1.1 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 10/30/2002 | AA | <1 | <1 | <1 | <1 | <1 | <1 | <1 | NA | NA | <1 | <1 | <1 | <1 | <1 | NA | |
| | | 12/17/2002 | IP | 1.9 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/2/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/5/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/5/2003 | CS | 0.19 | 0.031 | 0.14 | 0.093 | 0.018 | 0.0069 | <0.0029 | <0.0028 | 0.043 | <0.0040 | <0.0023 | 0.009 | 0.0071 | 0.043 | NA | Acetone = 0.014; 4-ethyltoluene = 0.019; 1,3,5-trimethylbenzene = 0.0068 1,2,4-trimethylbenzene = 0.023 |
| | | 8/11/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/15/2003 | IP | 9.3 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/9/2004 | IP | 4.5 | <1.0 | 1.1 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/11/2004 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | 29 | 7/23/2002 | IP | 3.8 | <1.0 | 9.3 | 1.3 | 3.9 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | 1,1,2-trichlorotrifluoroethane = 3.6 |
| | | 10/30/2002 | AA | 5.8 | 3.2 | 9.0 | 6.4 | 6.4 | <1 | <1 | NA | NA | <1 | <1 | <1 | <1 | <1 | NA | |

# Table 8

## Summary of Selected VOC Analytical Results for Soil Vapor Samples Collected from Vapor Monitoring Wells Through June 2004 (1)

Price Pfister, Inc., 13500 Paxton Street, Pacoima, California

| | | | | VOCs (mg/L) (4) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Primary VOCs | | | | | Secondary VOCs | | | | | | | | | Emergent Chemicals | |
| Area Location | Depth (feet, bgs) | Date | Analyzed By (2)(3) | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE | 1,1-DCA | 1,2-DCA | Bromomethane | Chloroform | Trichloro-fluoromethane | Benzene | Toluene | Ethylbenzene | Total Xylenes | 1,4-Dioxane | Other VOCs Detected |
| SVMW-206 | 29 | 12/17/2002 | IP | 1.8 | <1.0 | 3.0 | 8.0 | 1.1 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/2/2003 | IP | 3.0 | <1.0 | 3.6 | 9.3 | 1.1 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/5/2003 | IP | <1.0 | <1.0 | 1.7 | 6.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 8/11/2003 | IP | 2.0 | <1.0 | 1.8 | 3.6 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/15/2003 | IP | 5.8 | <1.0 | 1.6 | 4.3 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/9/2004 | IP | 2.4 | <1.0 | 1.2 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/11/2004 | IP | 14 | <1.0 | <1.0 | 4.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | 44 | 7/23/2002 | IP | 33 | 4.4 | 28 | 14 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 10/30/2002 | AA | 24 | 10 | 26 | 22 | 22 | 2.3 | <1 | NA | NA | <1 | <1 | <1 | <1 | <1 | NA | |
| | | 12/17/2002 | IP | 12 | 3.7 | 14 | 30 | 13 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | 1,1,2-trichlorotrifluoroethane = 5.4 |
| | | 1/2/2003 | IP | 14 | 4.2 | 16 | 39 | 11 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/5/2003 | IP | 4.8 | <1.0 | 8.2 | 55 | 4.9 | 1.8 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 8/11/2003 | IP | 5.1 | 1.0 | 6.6 | 52 | <1.0 | 2.1 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/15/2003 | IP | 5.9 | <1.0 | 5 | 44 | 2 | 1.4 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/15/2003 | CS | 3.8 | 0.83 | 6.2 | 55 | 5 | 2.2 | <0.056 | <0.054 | 0.24 | <0.078 | <0.044 | <0.052 | <0.060 | <0.12 | NA | Acetone = 0.18; Carbon Disulfide = 0.082; Methylene Chloride = 0.43; 1,1,2-Trichloro-1,2,2-Trifluoroethane = 0.24 |
| | | 2/9/2004 | IP | 6.2 | 1.7 | 7.3 | 62 | 3.3 | 2.5 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/9/2004 | CS | 4.8 | 0.89 | 6.5 | 37 | 6.9 | 2.7 | 0.061 | <0.055 | 0.29 | <0.079 | <0.045 | <0.053 | <0.061 | <0.12 | NA | Acetone = 0.29; Carbon Disulfide = 0.12; |
| | | 5/11/2004 | IP | 4.0 | <1.0 | 5.0 | 78 | 3.1 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| SVMW-212 | 20 | 7/11/2002 | IP | 530 | 290 | 20 | <1.0 | 190 | <1.0 | <1.0 | NA | <1.0 | 38 | <1.0 | <1.0 | <1.0 | 6.7 | NA | 1,1,2-trichlorotrifluoroethane = 29 |
| | | 7/25/2002 | IP | 990 | 350 | 24 | 3.0 | 200 | 1.5 | <1.0 | NA | <1.0 | 54 | <1.0 | 1.9 | 5.7 | <1.0 | NA | Chloroethane = 4.1; 1,1,2-trichlorotrifluoroethane = 12 |
| | | 11/4/2002 | IP | 82 | 7.8 | 2.8 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/16/2002 | IP | 15 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/16/2002 | CS | 13 | 1.2 | 0.26 | 0.19 | 0.12 | <0.028 | <0.028 | NA | <0.034 | <0.039 | <0.022 | <0.026 | <0.03 | <0.06 | NA | |

# Table 8

## Summary of Selected VOC Analytical Results for Soil Vapor Samples Collected from Vapor Monitoring Wells Through June 2004 (1)

Price Pfister, Inc., 13500 Paxton Street, Pacoima, California

| | | | | VOCs (mg/L) (4) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Primary VOCs | | | | | Secondary VOCs | | | | | | | | | Emergent Chemicals | |
| Area Location | Depth (feet, bgs) | Date | Analyzed By (2)(3) | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE | 1,1-DCA | 1,2-DCA | Bromomethane | Chloroform | Trichloro-fluoromethane | Benzene | Toluene | Ethylbenzene | Total Xylenes | 1,4-Dioxane | Other VOCs Detected |
| SVMW-212 | 20 | 1/6/2003 | IP | 4.4 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/6/2003 | CS | 15 | 2.0 | 0.41 | <0.033 | 0.30 | <0.034 | <0.034 | <0.032 | <0.041 | <0.047 | <0.027 | <0.031 | <0.036 | <0.072 | NA | Carbon tetrachloride = 0.33 |
| | | 5/9/2003 | IP | 2.6 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/9/2003 | CS | 2.0 | 0.14 | 0.036 | <0.0029 | 0.024 | <0.0029 | <0.0029 | <0.0028 | <0.0035 | <0.0040 | <0.0023 | 0.0055 | <0.0031 | 0.0080 | NA | Acetone = 0.029; 2-butanone = 0.0060; 2-hexanone = 0.0079; 4-ethyltoluene = 0.0041 |
| | | 8/15/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 8/15/2003 | CS | 4.5 | 0.24 | 0.10 | <0.0029 | 0.052 | <0.0029 | <0.0029 | <0.0028 | <0.0035 | 0.024 | <0.0023 | <0.0027 | <0.0031 | <0.0063 | NA | Dichlorodifluoromethane = 0.0039; Acetone = 0.017 |
| | | 12/18/2003 | IP | 2.3 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/13/2004 | IP | 3.5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/10/2004 | IP | 3.9 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/10/2004 | CS | 4.9 | 0.75 | 0.056 | <0.0028 | 0.11 | 0.0052 | <0.0028 | <0.0027 | 0.0034 | 0.011 | <0.0022 | 0.0033 | <0.0030 | 0.0116 | NA | Acetone = 0.0070; 1,1,2-trichlorofluoroethane = 0.017 |
| | 35 | 7/11/2002 | IP | 690 | 470 | 28 | <5.0 | 390 | <5.0 | <5.0 | NA | <5.0 | 75 | <5.0 | <5.0 | <5.0 | <5.0 | NA | 1,1,2-trichlorotrifluoroethane = 40 |
| | | 7/25/2002 | IP | 820 | 500 | 31 | 4.2 | 350 | <1.0 | <1.0 | NA | <1.0 | 90 | <1.0 | <1.0 | <1.0 | <1.0 | NA | 1,1,2-trichlorotrifluoroethane = 6.1 |
| | | 11/4/2002 | IP | 36 | 3.6 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/16/2002 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/6/2003 | IP | 8.5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/9/2003 | IP | 1.5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 8/15/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/18/2003 | IP | 1.8 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/13/2004 | IP | 4.3 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/10/2004 | IP | 4.1 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | 50 | 7/11/2002 | IP | 680 | 430 | 25 | <5.0 | 370 | <5.0 | <5.0 | NA | <5.0 | 72 | <5.0 | <5.0 | <5.0 | <5.0 | NA | 1,1,2-trichlorotrifluoroethane = 39 |
| | | 7/25/2002 | IP | 660 | 410 | 25 | 2.8 | 300 | <1.0 | <1.0 | NA | <1.0 | 72 | <1.0 | <1.0 | <1.0 | <1.0 | NA | 1,1,2-trichlorotrifluoroethane = 9.1 |
| | | 7/25/2002 | CS | 270 | 250 | 9.4 | 3.3 | 280 | 0.88 | <0.11 | <0.10 | 0.56 | 0.64 | <0.084 | 0.14 | 0.22 | 1.98 | NA | Carbon tetrachloride = 3.2; 1,1,2-trichlorotrifluoroethane = 25; Acetone = 0.19 |

# Table 8

## Summary of Selected VOC Analytical Results for Soil Vapor Samples Collected from Vapor Monitoring Wells Through June 2004 (1)

Price Pfister, Inc., 13500 Paxton Street, Pacoima, California

| | | | | VOCs (mg/L) (4) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Primary VOCs | | | | | Secondary VOCs | | | | | | | | | Emergent Chemicals | |
| Area Location | Depth (feet, bgs) | Date | Analyzed By (2)(3) | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE | 1,1-DCA | 1,2-DCA | Bromomethane | Chloroform | Trichloro-fluoromethane | Benzene | Toluene | Ethylbenzene | Total Xylenes | 1,4-Dioxane | Other VOCs Detected |
| SVMW-212 | 50 | 7/25/2002 | KP | 699 | 273 | 24.1 | <3.97 | 424 | <4.05 | <4.05 | <1.00 | <4.88 | <5.62 | <3.19 | <3.77 | <4.34 | <4.34 | <36.7 | 1,1,2-trichlorotrifluoroethane = 32.1 |
| | | 11/4/2002 | IP | 5.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/16/2002 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 1/6/2003 | IP | 15 | 2.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/9/2003 | IP | 1.7 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 8/15/2003 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 12/18/2003 | IP | 2.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 2/13/2004 | IP | 3.5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | | 5/10/2004 | IP | 3.5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |

**Abbreviations**

| | | | |
|---|---|---|---|
| bgs | below ground or floor surface | RWQCB | Regional Water Quality Control Board, Los Angeles Region |
| 1,1-DCA | 1,1-dichloroethane | 1,1,1-TCA | 1,1,1-trichloroethane |
| 1,2-DCA | 1,2-dichloroethane | TCE | Trichloroethene |
| 1,1-DCE | 1,1-dichloroethene | mg/L | micrograms per Liter |
| cis-1,2-DCE | cis-1,2-dichloroethene | VOC | Volatile organic compound |
| NA | Sample was not tested for this analyte. | <1.0 | Analyte was not detected above analytical method reporting limit shown. |
| PCE | Tetrachloroethene | | |

**Notes**

(1) This table does not include purge volume versus concentration test results or other quality assurance/quality control test results. During sample collection in July 2002, purge volume versus concentration tests were performed. These tests indicated that ten times the well tubing and bulb volume should be purged prior to sampling the shallowest vapor screen interval, ten volumes for the middle vapor screen interval, and seven volumes for the deepest vapor screen interval. The purge volume test results from July 2002 were used in subsequent sampling events. These results are presented in analytical reports by InterPhase Environmental, Inc. ("IP").

(2) Samples were analyzed by one of the following: IP and American Analytics ("AA"), a subcontractor for IP, analyzed samples on-Site using a gas chromatograph ("GC"); K-Prime, Inc. ("KP") and/or Calscience Environmental Laboratories, Inc. ("CS") analyzed duplicate soil gas samples collected in a Summa canister for VOCs using EPA Method TO-14A (GC/MS Scan) or TO-15 (GC/MS Scan).

(3) Selected samples collected and analyzed on-site by IP were analyzed using different dilutions. For detected compounds, the data presented herein represents the highest concentration reported. For compounds which were not detected, the lower reporting limit is presented.

(4) All soil gas samples analyzed on-Site by IP were analyzed for the primary target list of 23 VOCs specified in the RWQCB guidelines. Soil gas samples were analyzed within approximately 2 hours of collection, in accordance with the RWQCB guidelines for analysis of soil gas samples collected in a glass bulb. "Other VOCs" are those detected above reporting limits in duplicate samples collected in summa canisters and analyzed for VOCs using EPA Method TO-14A or TO-15

(5) Sample locations IP -1 through IP-6 are not wells. These locations were sample using a direct-push probe soil gas sampling system consistent with RWQCB guidance, 25 February 1997.

(6) This analytical result for the sample collected on 24 July 2002 from well SVMW-213 at 49 feet bgs appears to be anomalous. As listed in the table, results for both duplicate samples collected on this date and submitted to outside laboratories were less than 61 ug/L.

# Table 9

## Summary of Selected VOC Analytical Results for Soil Vapor Samples Collected from Vapor Extraction Wells Through June 2004

Price Pfister, Inc., 13500 Paxton Street, Pacoima, California

| | | | | VOCs (ug/L) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Primary VOCs | | | | | Secondary VOCs | | | | | VOCs Related to Oil | | | | Emergent Chemicals | |
| Area Location | Sample Date | Sample Time | Analyzed By (1) | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE | 1,1-DCA | 1,2-DCA | Bromomethane | Chloroform | TCFM | Benzene | Toluene | Ethylbenzene | Total xylenes | 1,4-Dioxane | Other VOCs |
| **Central Building P** | | | | | | | | | | | | | | | | | | | |
| PSVE - 1 | 9/5/2002 | 13:38 | KP | 2,944 | <54.6 (2) | <53.7 | <39.7 | <39.7 | <40.5 | <40.5 | <38.8 | <48.8 | <56.2 | <31.9 | <37.7 | <43.4 | <43.4 | <367 | |
| | 9/20/2002 | 12:50 | KP | 4,199 | <54.6 | <53.7 | <39.7 | 74.1 | <40.5 | <40.5 | <38.8 | <48.8 | <56.2 | <31.9 | <37.7 | <43.4 | <43.4 | <367 | |
| | 10/8/2002 | 11:56 | KP | 333 | 8.62 | 29.1 | <3.97 | 18.0 | <4.05 | <4.05 | <3.88 | <4.88 | <5.62 | <3.19 | <3.77 | <4.34 | <4.34 | <36.7 | |
| | 10/29/2002 | 15:34 | KP | 56.9 | 3.42 | 18.1 | 1.40 | 4.40 | 1.22 | <0.809 | <0.777 | <0.977 | <1.12 | <0.639 | <0.754 | <0.868 | <0.868 | <7.34 | |
| | 12/20/2002 | 13:50 | KP | 27.6 | 2.16 | 9.14 | 5.35 | 2.47 | 1.18 | <0.81 | <0.780 | <0.98 | <1.12 | <0.64 | <0.75 | <0.87 | <0.87 | <7.34 | |
| | 1/14/2003 | 10:46 | KP | 33.4 | 2.06 | 7.85 | 3.63 | 2.13 | 0.98 | <0.809 | <0.777 | <0.977 | <1.12 | <0.639 | <0.754 | <0.868 | <0.868 | <7.34 | |
| | 1/25/2003 | 11:38 | KP | 26.5 | 1.91 | 8.24 | 5.35 | 2.22 | 1.12 | <0.040 | <0.039 | 0.079 | <0.056 | <0.032 | <0.038 | <0.043 | <0.043 | <0.367 | 1,1,2-trichlorotrifluoroethane = 0.119 |
| | 3/19/2003 | 17:26 | KP | 20.5 | 1.45 | 5.26 | 10.0 | 1.62 | 1.17 | <0.0405 | <0.0388 | <0.0635 | <0.0562 | <0.0319 | <0.0377 | <0.0434 | <0.0434 | <0.367 | 1,1,2-trichlorotrifluoroethane = 0.117 |
| | 5/9/2003 | 13:27 | CS | 12.0 | 0.940 | 3.10 | 10.0 | 0.960 | 1.00 | <0.029 | <0.028 | 0.053 | <0.040 | <0.023 | <0.027 | <0.031 | <0.031 | <0.514 | trans-1,2-DCE = 0.037 |
| | 6/25/2003 | 14:56 | CS | 13.0 | 0.850 | 3.40 | 8.7 | 0.610 | 0.850 | <0.029 | <0.028 | 0.052 | <0.041 | <0.023 | <0.027 | <0.031 | <0.063 | <0.551 | |
| | 8/14/2003 | 9:18 | IP | 9.3 | <1.0 | 2.5 | 13 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | 8/14/2003 | 9:45 | CS | 17 | 0.830 | 3.2 | 11 | 0.630 | 0.690 | 0.015 | 0.0029 | 0.057 | 0.011 | 0.0063 | <0.0028 | <0.0032 | <0.0064 | <0.055 | Dichlorodifluoromethane = 0.0047; Chloromethane = 0.0035; Acetone = 0.067; 1,1,2-trichlorotrifluoroethane = 0.045; trans-1,2-DCE = 0.025; 2-butanone = 0.031; 1,2,4-trimethylbenzene = 0.018 |
| | 11/5/2003 | 9:55 | CS | 10 | 0.550 | 1.6 | 7.8 | 0.320 | 0.370 | <0.029 | <0.028 | 0.058 | <0.040 | <0.023 | <0.027 | <0.031 | <0.062 | <0.513 | Hexachloro-1,3-Butadiene = 0.077 |
| | 12/18/2003 | 9:08 | CS | 4.4 | 0.45 | 0.78 | 0.32 | 0.32 | 0.34 | 0.0075 | <0.0055 | 0.039 | <0.0079 | <0.0045 | <0.0053 | <0.0061 | <0.012 | <0.1 | trans-1,2-DCE = 0.32; 1,1,2-trichlorotrifluoroethane = 0.029 |
| | 2/18/2004 | 7:45 | CS | 12 | 0.60 | 1.4 | 6.0 | 0.45 | 0.43 | 0.0072 | <0.0027 | 0.042 | 0.0042 | 0.0036 | <0.0026 | <0.0030 | <0.0060 | <0.051 | trans-1,2-DCE = 0.014; 1,1,2-trichlorotrifluoroethane = 0.030 |
| | 2/20/2004 | 15:25 | CS | 15 | 0.61 | 1.8 | 10.0 | 0.39 | 0.51 | <0.029 | <0.028 | 0.051 | <0.040 | <0.023 | <0.027 | <0.031 | <0.063 | <0.51 | |
| | 3/2/2004 | 10:00 | CS | 9.4 | 0.62 | 1.9 | 8.9 | 0.42 | 0.58 | <0.057 | <0.055 | <0.069 | <0.079 | <0.045 | <0.053 | <0.061 | <0.12 | <1.03 | |
| PSVE - 2 | 7/2/2002 | 10:30 | KP | 13,681 | 161 | <109 | <80.8 | 219 | <82.5 | <82.5 | <79.1 | <99.5 | <114 | <65.1 | <76.8 | <88.5 | <88.5 | <734 | |
| | 9/5/2002 | 14:02 | KP | 8,343 | 77.5 | <53.7 | <39.7 | 91.6 | <40.5 | <40.5 | <38.8 | <48.8 | <56.2 | <31.9 | <37.7 | <43.4 | <43.4 | <367 | |
| | 9/20/2002 | 12:56 | KP | 10,989 | 134 | <107 | <79.3 | 166 | <81.0 | <80.9 | <77.7 | <97.7 | <112 | <63.9 | <75.4 | <86.8 | <86.8 | <734 | |
| | 10/8/2002 | 12:09 | KP | 739 | 63.3 | 13.8 | <7.93 | 48.8 | <8.10 | <8.09 | <7.77 | <9.77 | <11.2 | <6.39 | <7.54 | <8.68 | <8.68 | <73.4 | |

# Table 9

## Summary of Selected VOC Analytical Results for Soil Vapor Samples Collected from Vapor Extraction Wells Through June 2004

Price Pfister, Inc., 13500 Paxton Street, Pacoima, California

| | | | | VOCs (ug/L) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Primary VOCs | | | | | Secondary VOCs | | | | | VOCs Related to Oil | | | | Emergent Chemicals | |
| Area Location | Sample Date | Sample Time | Analyzed By (1) | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE | 1,1-DCA | 1,2-DCA | Bromomethane | Chloroform | TCFM | Benzene | Toluene | Ethylbenzene | Total xylenes | 1,4-Dioxane | Other VOCs |
| **Central Building P** | | | | | | | | | | | | | | | | | | | |
| PSVE - 2 | 10/29/2002 | 15:42 | KP | 115 | 10.5 | 2.5 | <1.59 | 5.71 | <1.62 | <1.62 | <1.55 | <1.95 | <2.25 | <1.28 | <1.51 | <1.74 | <1.74 | <14.7 | |
| | 12/20/2002 | 13:58 | KP | 17.4 | <1.09 | <1.07 | <0.79 | <0.79 | <0.81 | <0.81 | <0.78 | <0.98 | <1.12 | <0.64 | <0.75 | <0.87 | <0.87 | <7.34 | |
| | 1/14/2003 | 10:59 | KP | 33.0 | <1.09 | <1.07 | <0.793 | <0.793 | <0.810 | <0.809 | <0.777 | <0.977 | <1.12 | <0.639 | <0.754 | <0.868 | <0.868 | <7.34 | |
| | 1/25/2003 | 11:45 | KP | 14.5 | 0.31 | 0.21 | <0.040 | 0.176 | 0.041 | <0.040 | <0.039 | <0.049 | <0.056 | <0.032 | <0.038 | <0.043 | <0.043 | <0.367 | |
| | 3/19/2003 | 17:31 | KP | 8.55 | 0.118 | 0.0849 | <0.0397 | 0.0682 | <0.0405 | <0.0405 | <0.0388 | <0.0488 | <0.0562 | <0.0319 | <0.0377 | <0.0434 | <0.0434 | <0.367 | |
| | 5/9/2003 | 13:35 | CS | 6.00 | 0.063 | 0.049 | <0.029 | 0.031 | <0.029 | <0.029 | <0.028 | <0.035 | <0.040 | <0.023 | <0.027 | <0.031 | <0.031 | <0.514 | |
| | 6/25/2003 | 15:02 | CS | 3.80 | 0.076 | 0.060 | <0.029 | 0.041 | <0.030 | <0.030 | <0.028 | <0.036 | <0.041 | <0.023 | <0.028 | <0.032 | <0.063 | <0.551 | |
| | 8/14/2003 | 9:45 | IP | 3.3 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | 8/14/2003 | 9:49 | CS | 3.6 | 0.076 | 0.059 | 0.0047 | 0.029 | 0.011 | <0.0029 | <0.0028 | 0.0096 | 0.0054 | <0.0023 | <0.0027 | <0.0031 | <0.0063 | <0.051 | Dichlorodifluoromethane = 0.0042 |
| | 11/5/2003 | 9:58 | CS | 5.4 | 0.037 | 0.03 | 0.0078 | 0.015 | <0.0057 | <0.0057 | <0.0055 | 0.014 | <0.0080 | <0.0045 | <0.0054 | <0.0062 | <0.012 | <0.104 | Acetone = 0.014; Dichlorodifluoromethane = 0.0072 |
| | 12/18/2003 | 9:15 | CS | 4.2 | 0.025 | 0.022 | 0.017 | 0.017 | 0.0039 | <0.0029 | <0.0027 | 0.0089 | <0.0040 | <0.0023 | <0.0027 | <0.0031 | 0.0069 | <0.05 | trans-1,2-DCE = 0.017 |
| | 2/18/2004 | 8:00 | CS | 9.6 | 0.11 | 0.17 | 0.26 | 0.080 | 0.037 | <0.0028 | <0.0027 | 0.013 | <0.0039 | <0.0022 | <0.0026 | <0.0030 | 0.0111 | <0.051 | Acetone = 0.0077; trans-1,2-DCE = 0.0034; 1,2,4-Trimethylbenzene = 0.0014 |
| | 2/20/2004 | 15:30 | CS | 4.5 | 0.06 | 0.042 | <0.028 | 0.037 | <0.029 | <0.029 | <0.028 | <0.035 | <0.040 | <0.023 | <0.027 | <0.031 | <0.062 | <0.51 | |
| | 3/2/2004 | 10:05 | CS | 4.6 | <0.077 | <0.076 | <0.056 | <0.056 | <0.057 | <0.057 | <0.055 | <0.069 | <0.080 | <0.045 | <0.054 | <0.062 | <0.12 | <1.04 | |
| PSVE - 3 | 9/5/2002 | 14:26 | KP | 30,525 | <218 | <215 | <159 | 196 | <162 | <162 | <155 | <195 | <225 | <128 | <151 | <174 | <174 | <1,470 | |
| | 9/20/2002 | 13:00 | KP | 19,739 | <218 | <215 | <159 | <159 | <162 | <162 | <155 | <195 | <225 | <128 | <151 | <174 | <174 | <1,470 | |
| | 10/8/2002 | 12:15 | KP | 1,330 | 90.6 | <21.5 | <15.9 | 56.3 | <16.2 | <16.2 | <15.5 | <19.5 | <22.5 | <12.8 | <15.1 | <17.4 | <17.4 | <147 | |
| | 10/29/2002 | 15:47 | KP | 410 | 27.3 | <10.7 | <7.93 | 14.3 | <8.10 | <8.09 | <7.77 | <9.77 | <11.2 | <6.39 | <7.54 | <8.68 | <8.68 | <73.4 | |
| | 10/29/2002 | 16:09 | KP | 424 | 26.5 | <10.7 | <7.93 | 14.4 | <8.10 | <8.09 | <7.77 | <9.77 | <11.2 | <6.39 | <7.54 | <8.68 | <8.68 | <73.4 | |
| | 12/20/2002 | 14:03 | KP | 47.2 | 4.40 | 4.05 | 0.93 | 2.08 | <0.81 | <0.81 | <0.78 | <0.98 | <1.12 | <0.64 | <0.75 | <0.87 | <0.87 | <7.34 | |
| | 1/14/2003 | 11:12 | KP | 142 | 5.00 | 2.25 | <1.59 | <1.59 | <1.62 | <1.62 | <1.55 | <1.95 | <2.25 | <1.28 | <1.51 | <1.74 | <1.74 | <14.7 | |
| | 1/25/2003 | 11:50 | KP | 100 | 2.74 | <2.15 | <1.59 | <1.59 | <1.62 | <1.62 | <1.55 | <1.95 | <2.25 | <1.28 | <1.51 | <1.74 | <1.74 | <14.7 | |
| | 3/19/2003 | 17:37 | KP | 37.9 | 1.94 | 1.68 | 1.35 | 0.587 | 1.96 | <0.0607 | <0.0583 | <0.0732 | <0.0843 | <0.0479 | <0.0565 | <0.0651 | <0.0651 | <0.551 | |
| | 5/9/2003 | 13:42 | CS | 31.0 | 1.50 | 1.50 | 0.970 | 0.420 | 0.130 | <0.030 | <0.029 | <0.037 | <0.042 | <0.024 | <0.028 | <0.033 | <0.033 | <0.551 | |
| | 6/25/2003 | 15:07 | CS | 27.0 | 1.20 | 1.30 | 0.740 | 0.340 | 0.098 | <0.031 | <0.030 | <0.037 | <0.043 | <0.024 | <0.029 | <0.033 | <0.066 | <0.551 | |

# Table 9

## Summary of Selected VOC Analytical Results for Soil Vapor Samples Collected from Vapor Extraction Wells Through June 2004

Price Pfister, Inc., 13500 Paxton Street, Pacoima, California

| | | | | VOCs (ug/L) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Primary VOCs | | | | | Secondary VOCs | | | | | VOCs Related to Oil | | | | Emergent Chemicals | |
| Area Location | Sample Date | Sample Time | Analyzed By (1) | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE | 1,1-DCA | 1,2-DCA | Bromomethane | Chloroform | TCFM | Benzene | Toluene | Ethylbenzene | Total xylenes | 1,4-Dioxane | Other VOCs |
| **Central Building P** | | | | | | | | | | | | | | | | | | | |
| PSVE - 3 | 8/14/2003 | 9:58 | IP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | 8/14/2003 | 9:54 | CS | 25 | 1.3 | 1.3 | 1.1 | 0.38 | 0.11 | 0.0055 | <0.0029 | 0.035 | 0.027 | 0.003 | 0.0043 | <0.0033 | <0.0066 | <0.055 | Dichlorodifluoromethane = 0.0045; Cloromethane = 0.015; Acetone = 0.008; 1,1,2-trichlorotrifluoroethane = 0.021; trans-1,2-DCE = 0.024 |
| | 11/5/2003 | 10:02 | CS | 16 | 0.62 | 0.71 | 0.90 | 0.21 | 0.084 | <0.012 | <0.011 | 0.029 | 0.017 | <0.0094 | <0.011 | <0.013 | <0.026 | <0.216 | trans-1,2-DCE = 0.017 |
| | 12/18/2003 | 9:20 | CS | 7.9 | 0.36 | 0.46 | 0.19 | 0.19 | 0.063 | <0.0059 | <0.0057 | 0.016 | <0.0082 | <0.0047 | <0.0055 | <0.0063 | <0.013 | <0.11 | trans-1,2-DCE = 0.19 |
| | 2/18/2004 | 8:13 | CS | 20 | 2.5 | 4.9 | 3.6 | 0.25 | 0.081 | <0.0028 | <0.0027 | 0.021 | 0.0083 | <0.0022 | <0.0026 | <0.0030 | <0.0061 | <0.051 | Dichlorodifluoromethane = 0.0035; Acetone = 0.0072; 1,1,2-trichlorotrifluoroethane = 0.019; trans-1,2-DCE = 0.024 |
| | 2/20/2004 | 15:35 | CS | 20 | 0.59 | 0.75 | 1.2 | 0.27 | 0.11 | <0.030 | <0.028 | <0.036 | <0.041 | <0.023 | <0.028 | <0.032 | <0.063 | <0.55 | |
| | 3/2/2004 | 10:10 | CS | 19 | 0.74 | 0.84 | 1.3 | 0.26 | 0.12 | <0.060 | <0.057 | <0.072 | 0.092 | <0.047 | <0.056 | <0.064 | <0.13 | <1.08 | |
| PSVE - 4 | 9/5/2002 | 14:47 | KP | 7,190 | 144 | <53.7 | <39.7 | 196 | <40.5 | <40.5 | <38.8 | <48.8 | <56.2 | <31.9 | <37.7 | <43.4 | <43.4 | <367 | |
| | 9/20/2002 | 13:04 | KP | 9,293 | 226 | <107 | <79.3 | 352 | <81.0 | <80.9 | <77.7 | <97.7 | <112 | <63.9 | <75.4 | <86.8 | <86.8 | <734 | |
| | 10/8/2002 | 12:21 | KP | 889 | 94.9 | <10.7 | <7.93 | 102 | <8.10 | <8.09 | <7.77 | <9.77 | <11.2 | <6.39 | <7.54 | <8.68 | <8.68 | <73.4 | |
| | 10/29/2002 | 15:53 | KP | 137 | 18.1 | 3.82 | <1.59 | 16.3 | <1.62 | <1.62 | <1.55 | <1.95 | <2.25 | <1.28 | <1.51 | <1.74 | <1.74 | <14.7 | |
| | 12/20/2002 | 14:09 | KP | 128 | 4.17 | 2.25 | <1.59 | <1.59 | <1.62 | <1.62 | <1.55 | <1.95 | <2.25 | <1.28 | <1.51 | <1.74 | <1.74 | <14.7 | |
| | 1/14/2003 | 11:24 | KP | 65.9 | 5.34 | 4.44 | 0.944 | 2.24 | <0.810 | <0.809 | <0.777 | <0.977 | <1.12 | <0.639 | <0.754 | <0.868 | <0.868 | <7.34 | |
| | 1/25/2003 | 11:55 | KP | 5.48 | 0.588 | 0.456 | 0.098 | 0.195 | 0.391 | <0.040 | <0.039 | <0.049 | <0.056 | <0.032 | 0.044 | <0.043 | <0.043 | <0.367 | |
| | 3/19/2003 | 17:42 | KP | 28.7 | 1.51 | 4.63 | 1.16 | 0.595 | 0.466 | <0.0607 | <0.0583 | <0.0732 | <0.0843 | <0.0479 | <0.0565 | <0.0651 | <0.0651 | <0.551 | |
| | 5/9/2003 | 13:48 | CS | 22.0 | 1.40 | 4.10 | 1.80 | 0.420 | 0.460 | <0.029 | <0.028 | <0.035 | <0.040 | <0.023 | <0.027 | <0.031 | <0.031 | <0.514 | trans-1,2-DCE = 0.021 |
| | 6/25/2003 | 15:12 | CS | 19.0 | 1.70 | 3.10 | 1.90 | 0.390 | 0.450 | <0.030 | <0.028 | <0.036 | <0.041 | <0.023 | <0.028 | <0.032 | <0.063 | <0.551 | trans-1,2-DCE = 0.020 |
| | 8/14/2003 | 10:28 | IP | 12 | <1.0 | 2.5 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | 8/14/2003 | 10:00 | CS | 18 | 2.00 | 5.1 | 2.70 | 0.440 | 0.480 | <0.0029 | <0.0028 | 0.01 | 0.0095 | 0.0035 | <0.0027 | <0.0031 | <0.0063 | <0.051 | Dichlorodifluoromethane = 0.0045; Acetone = 0.014; 1,1,2-trichlorotrifluoroethane = 0.027; trans-1,2-DCE = 0.22 |

# Table 9

## Summary of Selected VOC Analytical Results for Soil Vapor Samples Collected from Vapor Extraction Wells Through June 2004

Price Pfister, Inc., 13500 Paxton Street, Pacoima, California

| | | | | VOCs (ug/L) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Primary VOCs | | | | | Secondary VOCs | | | | | VOCs Related to Oil | | | | Emergent Chemicals | |
| Area Location | Sample Date | Sample Time | Analyzed By (1) | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE | 1,1-DCA | 1,2-DCA | Bromomethane | Chloroform | TCFM | Benzene | Toluene | Ethylbenzene | Total xylenes | 1,4-Dioxane | Other VOCs |
| **Central Building P** | | | | | | | | | | | | | | | | | | | |
| Blower | 11/5/2003 | 10:06 | CS | 16 | 1.2 | 2.4 | 1.8 | 0.23 | 0.34 | <0.029 | <0.028 | <0.035 | <0.040 | <0.023 | <0.027 | <0.031 | <0.062 | <0.513 | trans-1,2-DCE = 0.14 |
| | 12/18/2003 | 9:25 | CS | 9.2 | 0.89 | 1.4 | 0.19 | 0.19 | 0.32 | <0.0057 | <0.0055 | 0.0093 | <0.0079 | <0.0045 | <0.0053 | <0.0061 | <0.012 | <0.1 | Acetone = 0.0077; Chloromethane = 0.01; trans-1,2-DCE = 0.19 |
| | 2/18/2004 | 8:25 | CS | 18 | 1.5 | 3.0 | 2.1 | 0.27 | 0.50 | <0.0028 | <0.0027 | 0.015 | 0.0056 | <0.0022 | <0.0026 | <0.0030 | <0.0059 | <0.0050 | Acetone = 0.011; 1,1,2-trichlorotrifluoroethane = 0.026; trans-1,2-DCE = 0.14 |
| | 2/20/2004 | 15:40 | CS | 16 | 1.7 | 2.9 | 1.9 | 0.37 | 0.48 | <0.028 | <0.027 | <0.034 | <0.039 | <0.022 | <0.026 | <0.030 | <0.060 | <0.51 | trans-1,2-DCE = 0.20 |
| | 3/2/2004 | 10:15 | CS | 17 | 1.7 | 3.2 | 2.2 | 0.31 | 0.54 | <0.058 | <0.056 | <0.070 | <0.080 | <0.046 | <0.054 | <0.062 | <0.12 | <1.05 | t-1,2-Dichloroethene = 0.22 |
| | 9/20/2002 | 13:07 | KP | 8,479 | 113 | <107 | <79.3 | 163 | <81.0 | <80.9 | <77.7 | <97.7 | <112 | <63.9 | <75.4 | <86.8 | <86.8 | <734 | |
| | 9/27/2002 | 14:23 | KP | 11,803 | 186 | <107 | <79.3 | 188 | <81.0 | <80.9 | <77.7 | <97.7 | <112 | <63.9 | <75.4 | <86.8 | <86.8 | <734 | |
| | 10/1/2002 | 16:54 | KP | 3,941 | 136 | <53.7 | <39.7 | 142 | <40.5 | <40.5 | <38.8 | <48.8 | <56.2 | <31.9 | <37.7 | <43.4 | <43.4 | <367 | |
| | 10/8/2002 | 12:25 | KP | 929 | 66.6 | 15.8 | <7.93 | 52.3 | <8.10 | <8.09 | <7.77 | <9.77 | <11.2 | <6.39 | <7.54 | <8.68 | <8.68 | <73.4 | |
| | 10/8/2002 | 15:12 | KP | 875 | 63.3 | 15.8 | <7.93 | 50.0 | <8.10 | <8.09 | <7.77 | <9.77 | <11.2 | <6.39 | <7.54 | <8.68 | <8.68 | <73.4 | |
| | 10/29/2002 | 15:57 | KP | 212 | 15.7 | 7.36 | <3.97 | 10.1 | <4.05 | <4.05 | <3.88 | <4.88 | <5.62 | <3.19 | <3.77 | <4.34 | <4.34 | <36.7 | |
| | 12/10/2002 | 12:02 | KP | 72.6 | 4.59 | 3.40 | 1.0 | 1.31 | <0.81 | <0.81 | <0.78 | <0.98 | <1.12 | <0.64 | <0.75 | <0.87 | <0.87 | <7.34 | |
| | 12/20/2002 | 13:44 | KP | 72.6 | 3.70 | 3.17 | 1.25 | 1.23 | <0.81 | <0.81 | <0.78 | <0.98 | <1.12 | <0.64 | <0.75 | <0.87 | <0.87 | <7.34 | |
| | 12/20/2002 | 14:16 | KP | 76.0 | 3.74 | 3.31 | <1.59 | <1.59 | <1.62 | <1.62 | <1.55 | <1.95 | <2.25 | <1.28 | <1.51 | <1.74 | <1.74 | <14.7 | |
| | 1/14/2003 | 13:30 | KP | 186 | <5.46 | <5.37 | <3.97 | <3.97 | <4.05 | <4.05 | <3.88 | <4.88 | <5.62 | <3.19 | <3.77 | <4.34 | <4.34 | <36.7 | |
| | 1/14/2003 | 13:37 | KP | 216 | <5.46 | <5.37 | <3.97 | <3.97 | <4.05 | <4.05 | <3.88 | <4.88 | <5.62 | <3.19 | <3.77 | <4.34 | <4.34 | <36.7 | |
| | 1/25/2003 | 12:00 | KP | 54.3 | 3.18 | 2.91 | 1.26 | 0.864 | <0.81 | <0.81 | <0.78 | <0.98 | <1.12 | <0.64 | <0.75 | <0.87 | <0.87 | <7.34 | |
| | 3/19/2003 | 17:47 | KP | 43.0 | 2.18 | 2.63 | 2.09 | 0.749 | 0.326 | <0.0809 | <0.0777 | <0.0977 | <0.1124 | <0.0639 | <0.0754 | <0.0868 | <0.0868 | <0.734 | |
| | 3/19/2003 | 17:53 | KP | 40.9 | 2.11 | 2.61 | 2.07 | 0.749 | 0.334 | <0.0809 | <0.0777 | <0.0977 | <0.1124 | <0.0639 | <0.0754 | <0.0868 | <0.0868 | <0.734 | |
| | 5/9/2003 | 13:54 | CS | 21.0 | 1.20 | 2.00 | 2.20 | 0.420 | 0.230 | <0.031 | <0.030 | <0.038 | <0.044 | <0.025 | <0.029 | <0.034 | <0.034 | <0.587 | trans-1,2-DCE = 0.031 |
| | 6/25/2003 | 15:18 | CS | 21.0 | 1.10 | 1.70 | 2.00 | 0.350 | 0.200 | <0.032 | <0.030 | <0.038 | <0.044 | <0.025 | <0.029 | <0.034 | <0.068 | <0.587 | |
| | 6/25/2003 | 15:24 | CS | 17.0 | 1.20 | 1.80 | 2.10 | 0.370 | 0.210 | <0.032 | <0.030 | <0.038 | <0.044 | <0.025 | <0.030 | <0.034 | <0.068 | <0.587 | |

# Table 9

## Summary of Selected VOC Analytical Results for Soil Vapor Samples Collected from Vapor Extraction Wells Through June 2004

Price Pfister, Inc., 13500 Paxton Street, Pacoima, California

| | | | | VOCs (ug/L) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Primary VOCs | | | | | Secondary VOCs | | | | | VOCs Related to Oil | | | | Emergent Chemicals | |
| Area Location | Sample Date | Sample Time | Analyzed By (1) | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE | 1,1-DCA | 1,2-DCA | Bromomethane | Chloroform | TCFM | Benzene | Toluene | Ethylbenzene | Total xylenes | 1,4-Dioxane | Other VOCs |
| **Central Building P** | | | | | | | | | | | | | | | | | | | |
| Blower | 8/14/2003 | 10:38 | IP | 1.5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | 8/14/2003 | 10:07 | CS | 23.0 | 1.10 | 1.4 | 2.000 | 0.340 | 0.200 | 0.0058 | <0.003 | 0.032 | 0.022 | 0.0033 | 0.0035 | <0.0034 | <0.0068 | <0.059 | Dichlorodifluoromethane = 0.0046; Chloromethane = 0.011; Acetone = 0.0056; 1,1,2-trichlorotrifluoroethane = 0.023; trans-1,2-DCE = 0.044 |
| | 8/14/2003 | 10:11 | CS | 21.0 | 1.10 | 1.4 | 2.100 | 0.330 | 0.180 | 0.0051 | <0.003 | 0.029 | 0.02 | 0.0041 | 0.0038 | <0.0034 | <0.0068 | <0.059 | Dichlorodifluoromethane = 0.0041; Chloromethane = 0.01; Acetone = 0.015; 1,1,2-trichlorotrifluoroethane = 0.02; Carbon Disulfide = 0.0056; trans-1,2-DCE = 0.039; 1,1,2-trichloroethane = 0.024 |
| | 11/5/2003 | 10:18 | CS | 15 | 0.63 | 0.96 | 1.8 | 0.21 | 0.14 | <0.015 | <0.015 | 0.032 | <0.021 | <0.012 | <0.014 | <0.017 | <0.033 | <0.279 | trans-1,2-DCE = 0.028 |
| | 12/18/2003 | 9:30 | CS | 17 | 0.42 | 1 | 0.19 | 0.19 | 0.11 | <0.0038 | <0.0037 | 0.018 | 0.0064 | <0.0030 | <0.0036 | <0.0041 | <0.0082 | <0.09 | Chloromethane = 0.0024; trans-1,2-DCE = 0.19 |
| | 12/18/2003 | 9:35 | CS | 16 | 0.43 | 1 | 0.033 | 0.16 | 0.11 | <0.0038 | <0.0036 | 0.018 | 0.006 | <0.0030 | <0.0035 | <0.0041 | <0.0081 | <0.07 | Chloromethane = 0.0029; trans-1,2-DCE = 0.033 |
| | 2/18/2004 | 9:55 | CS | 22 | 0.42 | 1.1 | 1.8 | 0.25 | 0.13 | <0.0039 | <0.0038 | 0.029 | 0.0069 | <0.0031 | <0.0037 | <0.0042 | <0.0085 | <0.071 | Acetone = 0.0077; 1,1,2-trichlorotrifluoroethane = 0.022; trans-1,2-DCE = 0.027 |
| | 2/18/2004 | 10:00 | CS | 23 | 0.41 | 0.73 | 1.2 | 0.25 | 0.13 | <0.0039 | <0.0038 | 0.029 | 0.0071 | <0.0031 | <0.0037 | <0.0042 | <0.0085 | <0.071 | Acetone = 0.012; 1,1,2-trichlorotrifluoroethane = 0.022; trans-1,2-DCE = 0.028 |
| | 2/19/2004 | 15:05 | CS | 22 | 0.57 | 0.93 | 1.8 | 0.25 | 0.17 | <0.040 | <0.038 | <0.048 | <0.056 | <0.032 | <0.037 | <0.043 | <0.086 | <0.73 | |
| | 2/20/2004 | 15:45 | CS | 16 | 0.64 | 0.98 | 1.9 | 0.27 | 0.17 | <0.040 | <0.038 | <0.048 | <0.055 | <0.031 | <0.037 | <0.043 | <0.085 | <0.73 | |
| | 2/20/2004 | 15:50 | CS | 13 | 0.47 | 0.69 | 1.4 | 0.20 | 0.13 | <0.040 | <0.038 | <0.048 | <0.056 | <0.032 | <0.037 | <0.043 | <0.086 | <0.73 | |
| | 3/2/2004 | 10:20 | CS | 16 | 0.76 | 1.1 | 2.2 | 0.26 | 0.19 | <0.080 | <0.077 | <0.097 | <0.11 | <0.063 | <0.075 | <0.086 | <0.17 | <1.45 | |
| | 3/2/2004 | 10:25 | CS | 20 | 0.72 | 1.0 | 2.0 | 0.25 | 0.19 | <0.079 | <0.076 | <0.096 | <0.11 | <0.063 | <0.074 | <0.085 | <0.17 | <1.44 | |
| | 3/2/2004 | 14:02 | CS | 20 | 0.71 | 1.0 | 1.9 | 0.25 | 0.19 | <0.079 | <0.076 | <0.096 | <0.11 | <0.063 | <0.074 | <0.085 | <0.17 | <1.44 | |
| | 3/3/2004 | 14:28 | CS | 10 | 0.43 | 0.74 | <0.078 | 0.28 | 0.21 | <0.080 | <0.076 | <0.096 | <0.11 | <0.063 | <0.074 | <0.086 | <0.17 | <1.44 | |
| | 3/4/2004 | 16:38 | CS | 10 | 0.49 | 0.75 | <0.079 | 0.23 | 0.18 | <0.081 | <0.077 | <0.097 | <0.11 | <0.064 | <0.075 | <0.086 | <0.17 | <1.46 | |

# Table 9

## Summary of Selected VOC Analytical Results for Soil Vapor Samples Collected from Vapor Extraction Wells Through June 2004

Price Pfister, Inc., 13500 Paxton Street, Pacoima, California

| | | | | VOCs (ug/L) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Primary VOCs | | | | | Secondary VOCs | | | | | VOCs Related to Oil | | | | Emergent Chemicals | |
| Area Location | Sample Date | Sample Time | Analyzed By (1) | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE | 1,1-DCA | 1,2-DCA | Bromomethane | Chloroform | TCFM | Benzene | Toluene | Ethylbenzene | Total xylenes | 1,4-Dioxane | Other VOCs |
| **Central Building P** | | | | | | | | | | | | | | | | | | | |
| Blower | 3/5/2004 | 13:38 | CS | 8.7 | 1.2 | 2.5 | 0.1 | 0.87 | 0.4 | <0.079 | <0.075 | <0.095 | <0.11 | <0.062 | <0.073 | <0.084 | <0.17 | <1.42 | t-1,2-Dichloroethene = 0.1 |
| | 3/8/2004 | 14:50 | CS | 9.5 | 0.46 | 0.71 | <0.080 | 0.21 | 0.18 | <0.082 | <0.078 | <0.099 | <0.11 | <0.065 | <0.076 | <0.088 | <0.18 | <1.48 | |
| | 3/24/2004 | 8:20 | CS | 10 | 0.39 | 0.69 | 1.2 | 0.16 | 0.12 | <0.079 | <0.076 | <0.096 | <0.11 | <0.063 | <0.074 | <0.085 | <0.17 | <1.44 | |
| | 3/31/2004 | 8:40 | CS | 10 | 0.38 | 0.65 | 1.2 | 0.18 | 0.11 | <0.082 | <0.078 | <0.099 | <0.11 | <0.065 | <0.076 | <0.088 | <0.18 | <1.48 | |
| P GAC2 Out | 12/10/2002 | 12:08 | KP | 0.90 | <0.011 | <0.011 | <0.008 | 0.31 | <0.008 | <0.008 | <0.008 | <0.010 | 0.019 | <0.006 | <0.008 | <0.009 | <0.009 | <0.0734 | |
| | 11/5/2003 | 10:22 | CS | 0.1 | 3.3 | <0.038 | 10 | 1.1 | 1.5 | 0.029 | <0.027 | 0.15 | 0.13 | <0.022 | <0.026 | <0.030 | <0.061 | <0.513 | Chloromethane = 0.028; trans-1,2-DCE = 0.12; 1,1,2-trichlorotrifluoroethane = 0.31 |
| **Oil Staging Area** | | | | | | | | | | | | | | | | | | | |
| PSVE - 5 | 9/3/2002 | 16:26 | KP | 2,164 | <54.6 | <53.7 | <39.7 | <39.7 | <40.5 | <40.5 | <38.8 | <48.8 | <56.2 | <31.9 | <37.7 | <43.4 | <43.4 | <367 | |
| | 9/20/2002 | 14:23 | KP | 5,026 | <54.6 | 54.3 | <39.7 | 63.4 | <40.5 | <40.5 | <38.8 | <48.8 | <56.2 | <31.9 | <37.7 | <43.4 | <43.4 | <367 | |
| | 10/8/2002 | 13:24 | KP | 227 | 61.7 | 8.76 | <3.97 | 89.2 | <4.05 | <4.05 | <3.88 | <4.88 | <5.62 | <3.19 | <3.77 | <4.34 | <4.34 | <36.7 | |
| | 10/29/2002 | 14:24 | KP | 63 | 19 | 2.17 | <0.793 | 19.1 | <0.810 | <0.809 | <0.777 | <0.977 | <1.12 | <0.639 | <0.754 | <0.868 | <0.868 | <7.34 | |
| | 12/20/2002 | 13:08 | KP | 12.2 | 1.72 | 0.33 | <0.040 | 1.15 | <0.040 | <0.040 | <0.039 | 0.049 | <0.056 | <0.032 | <0.038 | <0.043 | <0.043 | <0.367 | |
| | 1/14/2003 | 11:49 | KP | 71.9 | <2.18 | <2.15 | <1.59 | <1.59 | <1.62 | <1.62 | <1.55 | <1.95 | <2.25 | <1.28 | <1.51 | <1.74 | <1.74 | <14.7 | |
| | 1/25/2003 | 10:10 | KP | 10.3 | 1.12 | 0.24 | <0.040 | 0.745 | <0.040 | <0.040 | <0.039 | <0.049 | <0.056 | <0.032 | <0.038 | <0.043 | <0.043 | <0.367 | |
| | 3/19/2003 | 15:53 | KP | 5.16 | 0.218 | 0.0855 | <0.0397 | 0.144 | <0.0405 | <0.0405 | <0.0388 | <0.0488 | <0.0562 | <0.0319 | <0.0377 | <0.0434 | <0.0434 | <0.367 | |
| | 5/9/2003 | 12:45 | CS | 6.50 | 0.140 | 0.061 | <0.028 | 0.080 | <0.028 | <0.028 | <0.027 | <0.034 | <0.039 | <0.022 | <0.026 | <0.030 | <0.030 | <0.514 | |
| | 6/25/2003 | 16:11 | CS | 6.80 | 0.200 | 0.075 | <0.029 | 0.081 | <0.030 | <0.030 | <0.029 | <0.036 | <0.042 | <0.024 | <0.028 | <0.032 | <0.064 | <0.551 | |
| | 8/14/2003 | 7:40 | IP | 6.1 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | 8/14/2003 | 7:50 | CS | 12.0 | 0.290 | 0.14 | 0.0076 | 0.110 | 0.0074 | <0.0029 | <0.0028 | 0.0046 | 0.011 | <0.0023 | <0.0027 | <0.0031 | <0.0062 | <0.051 | Dichlorodifluoromethane = 0.0051; Acetone = 0.0036 |
| | 10/31/2003 | 9:20 | CS | 8.2 | 0.15 | 0.085 | 0.0039 | 0.046 | 0.0069 | <0.0030 | <0.0028 | <0.0036 | 0.009 | 0.0045 | <0.0028 | <0.0032 | <0.0063 | <0.054 | Dichlorodifluoromethane = 0.0044 |
| | 12/18/2003 | 8:25 | CS | 4.2 | 0.094 | 0.044 | 0.035 | 0.035 | <0.011 | <0.011 | <0.011 | <0.014 | <0.016 | <0.0089 | <0.010 | <0.012 | <0.024 | <0.2 | trans-1,2-DCE = 0.035; 1,1,2-Trichloroethane = 0.032 |
| | 2/18/2004 | 9:00 | CS | 16 | 0.090 | 0.076 | 0.0076 | 0.040 | 0.0046 | <0.0028 | <0.0027 | 0.0065 | 0.0042 | <0.0022 | <0.0026 | <0.0030 | <0.0059 | <0.0051 | |
| | 2/20/2004 | 14:45 | CS | 4.8 | 0.130 | 0.055 | <0.028 | 0.044 | <0.028 | <0.028 | <0.027 | <0.034 | <0.039 | <0.022 | <0.026 | <0.030 | <0.060 | <0.51 | |
| | 3/4/2004 | 14:00 | CS | 2.9 | 0.091 | 0.04 | <0.0056 | 0.051 | <0.0057 | <0.0057 | <0.0055 | <0.0069 | <0.0080 | <0.0045 | <0.0054 | <0.0062 | <0.012 | <0.104 | |
| | 4/6/2004 | 9:20 | CS | 3.7 | 0.13 | 0.049 | <0.011 | 0.057 | <0.011 | <0.011 | <0.011 | <0.013 | <0.015 | <0.0088 | <0.010 | <0.012 | <0.024 | <0.201 | |

# Table 9

## Summary of Selected VOC Analytical Results for Soil Vapor Samples Collected from Vapor Extraction Wells Through June 2004

Price Pfister, Inc., 13500 Paxton Street, Pacoima, California

| | | | | VOCs (ug/L) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Primary VOCs | | | | | Secondary VOCs | | | | | VOCs Related to Oil | | | | Emergent Chemicals | |
| Area Location | Sample Date | Sample Time | Analyzed By (1) | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE | 1,1-DCA | 1,2-DCA | Bromomethane | Chloroform | TCFM | Benzene | Toluene | Ethylbenzene | Total xylenes | 1,4-Dioxane | Other VOCs |
| **Oil Staging Area** | | | | | | | | | | | | | | | | | | | |
| PSVE - 6 | 9/3/2002 | 16:45 | KP | 3,738 | <54.6 | <53.7 | <39.7 | <39.7 | <40.5 | <40.5 | <38.8 | <48.8 | <56.2 | <31.9 | <37.7 | <43.4 | <43.4 | <367 | |
| | 9/20/2002 | 14:27 | KP | 7,801 | <109 | <107 | <79.3 | <79.3 | <81.0 | <80.9 | <77.7 | <97.7 | <112 | <63.9 | <75.4 | <86.8 | <86.8 | <734 | |
| | 10/8/2002 | 13:31 | KP | 834 | <10.9 | 13.0 | <7.93 | 13.2 | <8.10 | <8.09 | <7.77 | <9.77 | <11.2 | <6.39 | <7.54 | <8.68 | <8.68 | <73.4 | |
| | 10/29/2002 | 14:31 | KP | 385 | <10.9 | <10.7 | <7.93 | <7.93 | <8.10 | <8.09 | <7.77 | <9.77 | <11.2 | <6.39 | <7.54 | <8.68 | <8.68 | <73.4 | |
| | 12/20/2002 | 13:15 | KP | 245 | 6.88 | <5.37 | <3.97 | 4.04 | <4.05 | <4.05 | <3.88 | <4.88 | <5.62 | <3.19 | <3.77 | <4.34 | <4.34 | <36.7 | |
| | 1/14/2003 | 12:03 | KP | 157 | <5.46 | <5.37 | <3.97 | <3.97 | <4.05 | <4.05 | <3.88 | <4.88 | <5.62 | <3.19 | <3.77 | <4.34 | <4.34 | <36.7 | |
| | 1/25/2003 | 14:17 | KP | 149 | <2.18 | <2.15 | <1.59 | <1.59 | <1.62 | <1.62 | <1.55 | <1.95 | <2.25 | <1.28 | <1.51 | <1.74 | <1.74 | <14.7 | |
| | 3/19/2003 | 16:00 | KP | 92.9 | 0.310 | 0.812 | 0.198 | <0.198 | <0.202 | <0.202 | <0.194 | <0.244 | <0.281 | <0.160 | <0.188 | <0.217 | <0.217 | <1.84 | |
| | 5/9/2003 | 12:53 | CS | 61.0 | 0.081 | 0.230 | 0.049 | 0.094 | <0.030 | <0.030 | <0.029 | <0.036 | <0.042 | <0.024 | <0.028 | <0.032 | <0.032 | <0.551 | |
| | 6/25/2003 | 16:17 | CS | 47.0 | 0.056 | 0.210 | <0.031 | 0.060 | <0.032 | <0.032 | <0.030 | <0.038 | <0.044 | <0.025 | <0.030 | <0.034 | <0.068 | <0.587 | |
| | 8/14/2003 | 8:12 | tP | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | 8/14/2003 | 8:10 | CS | 50.0 | 0.075 | 0.27 | 0.060 | 0.061 | <0.031 | <0.031 | <0.029 | <0.037 | <0.042 | <0.024 | 0.034 | <0.033 | <0.066 | <0.55 | Acetone = 0.12, Carbon Disulfide = 0.14 |
| | 10/31/2003 | 9:25 | CS | 22 | 0.048 | 0.19 | 0.063 | 0.037 | <0.0031 | <0.0031 | <0.0030 | 0.019 | 0.0053 | 0.007 | <0.0029 | 0.0069 | <0.0066 | <0.056 | Dichlorodifluoromethane = 0.0045 |
| | 12/18/2003 | 8:30 | CS | 14 | 0.028 | 0.088 | 0.031 | 0.031 | <0.012 | <0.012 | <0.011 | 0.014 | <0.016 | <0.0093 | <0.011 | <0.013 | <0.025 | <0.21 | trans-1,2-DCE = 0.031 |
| **Oil Staging Area** | | | | | | | | | | | | | | | | | | | |
| PSVE - 6 | 2/18/2004 | 9:14 | CS | 14 | 0.039 | 0.11 | 0.018 | 0.023 | <0.0028 | <0.0028 | <0.0027 | 0.013 | <0.0039 | <0.0022 | <0.0026 | <0.0030 | <0.0061 | <0.050 | Acetone = 0.0063 |
| | 2/20/2004 | 14:50 | CS | 32 | 0.048 | 0.20 | 0.083 | 0.04 | <0.030 | <0.030 | <0.029 | <0.036 | <0.041 | <0.023 | <0.028 | <0.032 | <0.064 | <0.55 | |
| | 4/6/2004 | 9:25 | CS | 1.8 | <0.0081 | 0.016 | 0.0059 | <0.0059 | <0.0060 | <0.0060 | <0.0057 | <0.0072 | <0.0083 | <0.0047 | <0.0056 | <0.0064 | <0.013 | <0.108 | Acetone = 0.051 |
| PSVE - 7 | 3/4/2004 | 14:07 | CS | 17 | <0.082 | 0.1 | <0.060 | <0.060 | <0.061 | <0.061 | <0.059 | <0.074 | <0.085 | <0.048 | <0.057 | <0.066 | <0.13 | <1.11 | |
| | 9/3/2002 | 17:00 | KP | 2,985 | <54.6 | <53.7 | <39.7 | <39.7 | <40.5 | <40.5 | <38.8 | <48.8 | <56.2 | <31.9 | <37.7 | <43.4 | <43.4 | <367 | |
| | 9/20/2002 | 14:30 | KP | 4,355 | <54.6 | 79.5 | <39.7 | <39.7 | <40.5 | <40.5 | <38.8 | <48.8 | <56.2 | <31.9 | <37.7 | <43.4 | <43.4 | <367 | |
| | 10/8/2002 | 13:38 | KP | 201 | 61.7 | 10.3 | 5.63 | 6.54 | <4.05 | <4.05 | <3.88 | <4.88 | <5.62 | <3.19 | <3.77 | <4.34 | <4.34 | <36.7 | |
| | 10/29/2002 | 14:44 | KP | 69 | <1.09 | 2.5 | 1.11 | <0.793 | <0.810 | <0.809 | <0.777 | <0.977 | <1.12 | <0.639 | <0.754 | <0.868 | <0.868 | <7.34 | |
| | 12/20/2002 | 13:22 | KP | 15.5 | <0.055 | 0.44 | 0.12 | <0.040 | <0.040 | <0.040 | <0.039 | <0.049 | <0.056 | <0.032 | <0.038 | <0.043 | <0.043 | <0.367 | |
| | 1/14/2003 | 12:18 | KP | 30.5 | <1.09 | <1.07 | <0.793 | <0.793 | <0.810 | <0.809 | <0.777 | <0.977 | <1.12 | <0.639 | <0.754 | <0.868 | <0.868 | <7.34 | |
| | 1/25/2003 | 10:24 | KP | 9.5 | <0.055 | 0.27 | 0.06 | <0.040 | <0.040 | <0.040 | <0.039 | <0.049 | <0.056 | <0.032 | <0.038 | <0.043 | <0.043 | <0.367 | |
| | 3/19/2003 | 16:59 | KP | 3.70 | <0.0546 | 0.109 | <0.0397 | <0.0397 | <0.405 | <0.0405 | <0.0388 | <0.0488 | <0.0562 | <0.0319 | <0.0377 | <0.0434 | <0.0434 | <0.367 | |

# Table 9

## Summary of Selected VOC Analytical Results for Soil Vapor Samples Collected from Vapor Extraction Wells Through June 2004

Price Pfister, Inc., 13500 Paxton Street, Pacoima, California

| | | | | VOCs (ug/L) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Primary VOCs | | | | | Secondary VOCs | | | | | VOCs Related to Oil | | | | Emergent Chemicals | |
| Area Location | Sample Date | Sample Time | Analyzed By (1) | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE | 1,1-DCA | 1,2-DCA | Bromomethane | Chloroform | TCFM | Benzene | Toluene | Ethylbenzene | Total xylenes | 1,4-Dioxane | Other VOCs |
| **Oil Staging Area** | | | | | | | | | | | | | | | | | | | |
| PSVE - 7 | 5/9/2003 | 12:59 | CS | 3.20 | <0.0079 | 0.100 | 0.0070 | <0.0057 | <0.0058 | <0.0058 | <0.0056 | 0.015 | <0.0061 | <0.0046 | <0.0054 | <0.0063 | <0.0063 | <0.106 | 1,1,2-trichloroethane = 0.024 |
| | 6/25/2003 | 16:25 | CS | 3.90 | <0.041 | 0.130 | <0.030 | <0.030 | <0.030 | <0.030 | <0.029 | <0.037 | <0.042 | <0.024 | <0.028 | <0.033 | <0.065 | <0.551 | |
| | 8/14/2003 | 8:40 | IP | 2.8 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | 8/14/2003 | 8:18 | CS | 4.7 | 0.010 | 0.22 | 0.026 | 0.0048 | <0.0029 | <0.0029 | <0.0028 | 0.035 | 0.015 | <0.0023 | <0.0027 | <0.0031 | <0.0063 | <0.051 | Dichlorodifluoromethane = 0.0047; Acetone = 0.012 |
| | 10/31/2003 | 9:30 | CS | 2.9 | 0.0071 | 0.13 | 0.021 | 0.0031 | <0.0029 | <0.0029 | <0.0028 | 0.024 | 0.021 | <0.0023 | <0.0027 | <0.0031 | <0.0062 | 0.121 | Acetone = 0.0051; Dichlorodifluoromethane = 0.0045 |
| | 12/18/2003 | 8:35 | CS | 1.5 | 0.004 | 0.049 | <0.0028 | <0.0028 | <0.0029 | <0.0029 | <0.0027 | 0.014 | 0.0062 | <0.0023 | <0.0027 | <0.0031 | <0.0061 | 0.11 | |
| | 2/18/2004 | 9:26 | CS | 8.7 | 0.012 | 0.077 | 0.017 | 0.0074 | <0.0028 | <0.0028 | <0.0026 | 0.013 | 0.0052 | <0.0022 | <0.0026 | <0.0030 | <0.0059 | 0.081 | Acetone = 0.031; 2-butanone = 0.013; 1,1,2-trichlorotrifluoroethane = 0.012 |
| | 2/20/2004 | 14:55 | CS | 1.7 | <0.0039 | 0.051 | 0.01 | <0.0028 | <0.0029 | <0.0029 | <0.0028 | 0.014 | 0.0084 | <0.0023 | <0.0027 | <0.0031 | <0.0062 | <0.05 | Acetone = 0.0060 |
| | 3/4/2004 | 14:16 | CS | 1.4 | <0.0040 | 0.052 | <0.0029 | <0.0029 | <0.0030 | <0.0030 | <0.0028 | 0.01 | 0.0049 | <0.0023 | <0.0028 | <0.0032 | <0.0063 | 0.102 | Methylene Chloride = 0.01 |
| | 4/6/2004 | 9:30 | CS | 1.3 | <0.0076 | 0.061 | <0.0055 | <0.0055 | <0.0056 | <0.0056 | <0.0054 | 0.011 | <0.0078 | <0.0044 | 0.078 | <0.0060 | <0.012 | <0.102 | |
| Blower | 9/20/2002 | 14:33 | KP | 5,569 | <54.6 | 83.3 | <39.7 | <39.7 | <40.5 | <40.5 | <38.8 | <48.6 | <56.2 | <31.9 | <37.7 | <43.4 | <43.4 | <367 | |
| | 9/25/2002 | 10:44 | KP | 1,201 | 15.3 | 32.0 | <9.91 | 43.2 | <10.1 | <10.1 | <9.71 | <12.2 | <14.0 | <7.99 | <9.42 | <10.9 | <10.9 | <91.8 | |
| | 9/27/2002 | 14:48 | KP | 1,275 | 23.1 | 32.6 | <9.91 | 48.0 | <10.1 | <10.1 | <9.71 | <12.2 | <14.0 | <7.99 | <9.42 | <10.9 | <10.9 | <91.8 | |
| | 10/1/2002 | 15:13 | KP | 648 | 20.0 | 18.4 | <7.93 | 41.6 | <8.10 | <8.09 | <7.77 | <9.77 | <11.2 | <6.39 | <7.54 | <8.68 | <8.68 | <73.4 | |
| | 10/1/2002 | 17:12 | KP | 678 | 18.9 | 20.1 | <7.93 | 35.5 | <8.10 | <8.09 | <7.77 | <9.77 | <11.2 | <6.39 | <7.54 | <8.68 | <8.68 | <73.4 | |
| | 10/8/2002 | 13:44 | KP | 435 | 19.9 | 11.2 | <7.93 | 30.3 | <8.10 | <8.09 | <7.77 | <9.77 | <11.2 | <6.39 | <7.54 | <8.68 | <8.68 | <73.4 | |
| | 10/29/2002 | 14:52 | KP | 176 | 5.73 | <5.37 | <3.97 | 6.07 | <4.05 | <4.05 | <3.88 | <4.88 | <5.62 | <3.19 | <3.77 | <4.34 | <4.34 | <36.7 | |
| | 12/10/2002 | 11:32 | KP | 136 | <2.18 | <2.15 | <1.59 | <1.59 | <1.62 | <1.62 | <1.55 | <1.95 | <2.25 | <1.28 | <1.51 | <1.74 | <1.74 | <14.7 | |
| | 12/20/2002 | 13:28 | KP | 166 | <2.18 | <2.15 | <1.59 | <1.59 | <1.62 | <1.62 | <1.55 | <1.95 | <2.25 | <1.28 | <1.51 | <1.74 | <1.74 | <14.7 | |
| | 1/14/2003 | 13:14 | KP | 163 | <2.18 | <2.15 | <1.59 | <1.59 | <1.62 | <1.62 | <1.55 | <1.95 | <2.25 | <1.28 | <1.51 | <1.74 | <1.74 | <14.7 | |
| | 1/25/2003 | 10:31 | KP | 110 | <2.18 | <2.15 | <1.59 | <1.59 | <1.62 | <1.62 | <1.55 | <1.95 | <2.25 | <1.28 | <1.51 | <1.74 | <1.74 | <14.7 | |
| | 1/25/2003 | 10:40 | KP | 109 | <2.18 | <2.15 | <1.59 | <1.59 | <1.62 | <1.62 | <1.55 | <1.95 | <2.25 | <1.28 | <1.51 | <1.74 | <1.74 | <14.7 | |
| | 3/19/2003 | 17:06 | KP | 76.0 | <0.273 | <0.269 | <0.198 | <0.198 | <0.202 | <0.202 | <0.194 | <0.244 | <0.281 | <0.160 | <0.188 | <0.217 | <0.217 | <1.84 | |
| | 5/9/2003 | 13:06 | CS | 53.0 | 0.076 | 0.190 | 0.032 | 0.080 | <0.031 | <0.031 | <0.030 | <0.038 | <0.043 | <0.025 | <0.029 | <0.033 | <0.033 | <0.551 | |

# Table 9

## Summary of Selected VOC Analytical Results for Soil Vapor Samples Collected from Vapor Extraction Wells Through June 2004

Price Pfister, Inc., 13500 Paxton Street, Pacoima, California

| | | | | VOCs (ug/L) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Primary VOCs | | | | | Secondary VOCs | | | | | VOCs Related to Oil | | | | Emergent Chemicals | |
| Area Location | Sample Date | Sample Time | Analyzed By (1) | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE | 1,1-DCA | 1,2-DCA | Bromomethane | Chloroform | TCFM | Benzene | Toluene | Ethylbenzene | Total xylenes | 1,4-Dioxane | Other VOCs |
| **Oil Staging Area** | | | | | | | | | | | | | | | | | | | |
| Blower | 5/9/2003 | 13:13 | CS | 55.0 | 0.080 | 0.200 | 0.036 | 0.084 | <0.031 | <0.031 | <0.030 | <0.038 | <0.044 | <0.025 | <0.029 | <0.034 | <0.034 | <0.587 | |
| | 6/25/2003 | 16:31 | CS | 47.00 | 0.062 | 0.180 | <0.031 | 0.051 | <0.032 | <0.032 | <0.031 | <0.039 | <0.044 | <0.025 | <0.030 | <0.034 | <0.069 | <0.587 | |
| | 8/14/2003 | 8:52 | IP | 1.2 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | |
| | 8/14/2003 | 8:52 | CS | 30.0 | <0.088 | 0.25 | <0.064 | <0.064 | <0.065 | <0.065 | <0.063 | <0.079 | <0.09 | <0.051 | <0.061 | <0.07 | <0.14 | NA | |
| | 8/14/2003 | 8:28 | CS | 36.0 | 0.078 | 0.26 | 0.070 | 0.052 | <0.0031 | <0.0031 | <0.003 | 0.022 | 0.0068 | 0.0025 | <0.0029 | <0.0034 | <0.0067 | <0.059 | Dichlorodifluoromethane = 0.0046; Acetone = 0.01 |
| | 10/31/2003 | 9:40 | CS | 16 | 0.055 | 0.17 | 0.054 | 0.036 | <0.0032 | <0.0032 | <0.0031 | 0.019 | 0.0078 | <0.0025 | <0.0030 | <0.0034 | <0.0069 | <0.058 | Acetone = 0.015; 2-Butanone = 0.0052; Dichlorodifluoromethane = 0.0043 |
| | 10/31/2003 | 9:45 | CS | 23 | 0.058 | 0.17 | 0.053 | 0.039 | <0.0032 | <0.0032 | <0.0031 | 0.019 | 0.0083 | 0.0031 | 0.0043 | <0.0034 | <0.0069 | <0.058 | Acetone = 0.0053; Dichlorodifluoromethane = 0.0054 |
| | 12/18/2003 | 8:40 | CS | 11 | 0.03 | 0.073 | 0.025 | 0.025 | <0.0060 | <0.0060 | <0.0058 | 0.012 | <0.0084 | <0.0048 | <0.0056 | <0.0065 | <0.013 | <0.11 | Acetone = 0.0094; trans-1,2-DCE = 0.025 |
| | 2/18/2004 | 10:45 | CS | 15 | 0.031 | 0.10 | 0.023 | 0.027 | <0.0031 | <0.0031 | <0.0030 | 0.013 | <0.0043 | <0.0025 | <0.0029 | <0.0033 | <0.0067 | <0.056 | Acetone = 0.027 |
| | 2/19/2004 | 15:35 | CS | 33 | <0.042 | 0.14 | <0.031 | <0.031 | <0.031 | <0.031 | <0.0030 | <0.038 | <0.044 | <0.025 | <0.029 | <0.034 | <0.067 | <0.59 | |
| | 2/20/2004 | 15:00 | CS | 26 | 0.052 | 0.18 | 0.069 | 0.036 | <0.032 | <0.032 | <0.030 | <0.038 | <0.044 | <0.025 | <0.030 | <0.034 | <0.068 | <0.59 | |
| | 3/3/2004 | 14:50 | CS | 14 | <0.090 | 0.093 | <0.065 | <0.065 | <0.067 | <0.067 | <0.064 | <0.081 | <0.093 | <0.053 | <0.062 | <0.072 | <0.14 | <1.21 | |
| | 3/4/2004 | 14:22 | CS | 15 | <0.088 | 0.088 | <0.064 | <0.064 | <0.065 | <0.065 | <0.063 | <0.079 | <0.090 | <0.051 | <0.061 | <0.070 | <0.14 | <1.18 | |
| | 3/4/2004 | 14:29 | CS | 14 | <0.088 | <0.087 | <0.064 | <0.064 | <0.066 | <0.066 | <0.063 | <0.079 | <0.091 | <0.052 | <0.061 | <0.070 | <0.14 | <1.19 | |
| | 3/4/2004 | 16:49 | CS | 15 | <0.087 | 0.092 | <0.063 | <0.063 | <0.065 | <0.065 | <0.062 | <0.078 | <0.090 | <0.051 | <0.060 | <0.069 | <0.14 | <1.17 | |
| | 3/5/2004 | 13:46 | CS | 14 | <0.087 | 0.089 | <0.063 | <0.063 | <0.065 | <0.065 | <0.062 | <0.078 | <0.090 | <0.051 | <0.060 | <0.069 | <0.14 | <1.17 | |
| | 3/8/2004 | 15:00 | CS | 21 | <0.091 | 0.099 | <0.066 | <0.066 | <0.067 | <0.067 | <0.064 | <0.081 | <0.093 | <0.053 | <0.063 | <0.072 | <0.14 | <1.22 | Chlorobenzene = 0.089 |
| **Oil Staging Area** | | | | | | | | | | | | | | | | | | | |
| Blower | 3/24/2004 | 8:10 | CS | 12 | <0.086 | 0.100 | <0.063 | <0.063 | <0.064 | <0.064 | <0.061 | <0.077 | <0.089 | <0.050 | <0.060 | <0.069 | <0.14 | <1.16 | |
| | 3/31/2004 | 9:20 | CS | 13 | <0.18 | <0.17 | <0.13 | <0.13 | <0.13 | <0.13 | <0.13 | <0.16 | <0.18 | <0.10 | <0.12 | <0.14 | <0.28 | <2.38 | |
| | 4/6/2004 | 9:35 | CS | 9.2 | <0.043 | 0.088 | <0.031 | <0.031 | <0.032 | <0.032 | <0.030 | <0.038 | <0.044 | <0.025 | <0.030 | <0.034 | <0.068 | <0.575 | |
| | 4/6/2004 | 9:40 | CS | 9.1 | 0.049 | 0.10 | 0.033 | 0.032 | <0.016 | <0.016 | <0.015 | 0.023 | <0.022 | <0.013 | <0.015 | <0.017 | <0.035 | <0.291 | |
| OS GAC2 Out | 12/10/2002 | 11:44 | KP | 0.27 | 0.032 | <0.011 | 0.011 | 10.4 | <0.008 | <0.008 | <0.008 | <0.010 | 0.052 | <0.006 | <0.008 | <0.009 | <0.009 | <0.0734 | |

# Table 9

## Summary of Selected VOC Analytical Results for Soil Vapor Samples Collected from Vapor Extraction Wells Through June 2004

Price Pfister, Inc., 13500 Paxton Street, Pacoima, California

**Abbreviations**

| | | | |
|---|---|---|---|
| 1,1-DCA | 1,1-dichloroethane | 1,1,2-TCA | 1,1,2-trichloroethane |
| 1,2-DCA | 1,2-dichloroethane | TCE | Trichloroethene |
| 1,1-DCE | 1,1-dichloroethene | 1,1,2-TCFE | 1,1,2-trichlorotrifluoroethane (also 1,1,2-trichloro-1,2,2-trifluoroethane; trichlorotrifluoroethane; CFC 113) |
| cis-1,2-DCE | cis-1,2-dichloroethene | TCFM | Trichlorofluoromethane |
| trans-1,2-DCE | trans-1,2-dichloroethene | ug/L | micrograms per Liter |
| PCE | Tetrachloroethene | VOC | Volatile Organic Compound |
| 1,1,1-TCA | 1,1,1-trichloroethane | | |

Methylene chloride is also reported as dichloromethane

**Notes**

(1) Samples were collected in a Summa canister and analyzed by K-Prime, Inc. ("KP") or Calscience Environmental Laboratories, Inc. ("CS") for VOCs using EPA Method TO-14A (GC/MS Scan) or TO-15 (GC/MS Scan). During the August 2003 event, samples were also collected by Interphase ("IP") and analyzed at the on-site mobile laboratory.

(2) <54.6 indicates the analyte was not detected above the reporting limit stated.

# Table 10
# Depth to Groundwater and Thickness of Free Hydrocarbon Product ("FHP") in FHP Collection Wells Through June 2004 (1)

Price Pfister, Inc., 13500 Paxton Street, Pacoima, California

| Well | Date | Top of Casing Elevation (ft msl) | Depth to Product (ft bgs) | Depth to Water (ft bgs) | Product Thickness (ft) |
|---|---|---|---|---|---|
| MW-1 | 5/5/2003 | 1034.93 | -- (2) | -- (2) | -- |
| | 5/21/2003 | 1034.93 | -- | -- | -- |
| | 5/30/2003 | 1034.93 | -- | -- | -- |
| | 6/4/2003 | 1034.93 | -- | -- | -- |
| | 6/6/2003 | 1034.93 | -- | -- | -- |
| | 6/12/2003 | 1034.93 | -- | -- | -- |
| | 6/17/2003 | 1034.93 | -- | -- | -- |
| | 6/19/2003 | 1034.93 | -- | -- | -- |
| | 6/26/2003 | 1034.93 | -- | -- | -- |
| | 7/3/2003 | 1034.93 | -- | -- | -- |
| | 8/4/2003 | 1034.93 | -- | -- | -- |
| | 8/7/2003 | 1034.93 | -- | -- | -- |
| | 8/13/2003 | 1034.93 | -- | -- | -- |
| MW-2 | 5/5/2003 | 1035.14 | 55.78 | 56.46 | 0.68 |
| | 5/21/2003 | 1035.14 | 55.84 | 56.16 | 0.32 |
| | 5/30/2003 | 1035.14 | 55.93 | 56.21 | 0.28 |
| | 6/4/2003 | 1035.14 | 55.94 | 56.03 | 0.09 |
| | 6/6/2003 | 1035.14 | 56.00 | 56.04 | 0.04 |
| | 6/12/2003 | 1035.14 | 56.01 | 56.11 | 0.10 |
| | 6/17/2003 | 1035.14 | 56.02 | 56.18 | 0.16 |
| | 6/19/2003 | 1035.14 | 56.04 | 56.08 | 0.04 |
| | 6/26/2003 | 1035.14 | 56.10 | 56.21 | 0.11 |
| | 7/3/2003 | 1035.14 | 56.12 | 56.32 | 0.20 |
| | 7/10/2003 | 1035.14 | 56.18 | 56.49 | 0.31 |
| | 7/22/2003 | 1035.14 | 56.19 | 56.69 | 0.50 |
| | 8/4/2003 | 1035.14 | 56.26 | 56.69 | 0.43 |
| | 8/7/2003 | 1035.14 | 56.31 | 56.46 | 0.15 |
| | 8/13/2003 | 1035.14 | 56.31 | 56.50 | 0.19 |
| | 8/15/2003 | 1035.14 | 56.30 | 56.52 | 0.22 |
| | 1/6/2004 | 1035.14 | 55.98 | 57.03 | 1.05 |
| | 1/12/2004 | 1036.33 | 57.45 | 58.55 | 1.10 |
| | 1/15/2004 | 1036.33 | 57.52 | 58.12 | 0.60 |
| | 2/26/2004 | 1036.33 | 57.56 | 58.74 | 1.18 |
| | 3/2/2004 | 1036.33 | 57.54 | 58.51 | 0.97 |
| | 3/9/2004 | 1036.33 | 57.62 | 58.17 | 0.55 |
| | 3/11/2004 | 1036.33 | 57.61 | 57.82 | 0.21 |
| | 3/16/2004 | 1036.33 | 57.66 | 58.13 | 0.47 |
| | 3/22/2004 | 1036.33 | 57.65 | 58.43 | 0.78 |
| | 3/29/2004 | 1036.33 | 57.65 | 58.74 | 1.09 |
| | 4/6/2004 | 1036.33 | 57.70 | 58.71 | 1.01 |

# Table 10
## Depth to Groundwater and Thickness of Free Hydrocarbon Product ("FHP") in FHP Collection Wells Through June 2004 [1]

Price Pfister, Inc., 13500 Paxton Street, Pacoima, California

| Well | Date | Top of Casing Elevation (ft msl) | Depth to Product (ft bgs) | Depth to Water (ft bgs) | Product Thickness (ft) |
|---|---|---|---|---|---|
| MW-2 | 4/16/2004 | 1036.33 | 57.73 | 58.58 | 0.85 |
| | 5/3/2004 | 1036.33 | 57.76 | 58.87 | 1.11 |
| | 5/12/2004 | - | 56.04 | 57.26 | 1.22 |
| MW-3 | 5/5/2003 | 1035.18 | 55.73 | 56.96 | 1.23 |
| | 5/21/2003 | 1035.18 | 55.78 | 57.14 | 1.36 |
| | 5/30/2003 | 1035.18 | 55.85 | 57.29 | 1.44 |
| | 6/4/2003 | 1035.18 | 55.82 | 57.19 | 1.37 |
| | 6/6/2003 | 1035.18 | 55.88 | 57.15 | 1.27 |
| | 6/12/2003 | 1035.18 | 55.89 | 57.32 | 1.43 |
| | 6/17/2003 | 1035.18 | 55.92 | 57.34 | 1.42 |
| | 6/19/2003 | 1035.18 | 55.93 | 57.28 | 1.35 |
| | 6/26/2003 | 1035.18 | 55.99 | 57.47 | 1.48 |
| | 7/3/2003 | 1035.18 | 56.00 | 57.50 | 1.50 |
| | 7/10/2003 | 1035.18 | 56.06 | 57.63 | 1.57 |
| | 7/22/2003 | 1035.18 | 56.03 | 57.75 | 1.72 |
| | 8/4/2003 | 1035.18 | 56.15 | 57.85 | 1.70 |
| | 8/7/2003 | 1035.18 | 56.18 | 57.81 | 1.63 |
| | 8/13/2003 | 1035.18 | 56.19 | 57.85 | 1.66 |
| | 8/15/2003 | 1035.18 | 56.20 | 57.79 | 1.59 |
| | 1/6/2004 | 1035.18 | 55.94 | 57.39 | 1.45 |
| | 1/12/2004 | 1036.41 | 57.51 | 59.00 | 1.49 |
| | 1/15/2004 | 1036.41 | 57.53 | 58.92 | 1.39 |
| | 1/21/2004 | 1036.41 | 57.55 | 58.65 | 1.10 |
| | 2/26/2004 | 1036.41 | 57.64 | 58.85 | 1.21 |
| | 3/2/2004 | 1036.41 | 57.68 | 58.23 | 0.55 |
| | 3/9/2004 | 1036.41 | 57.70 | 58.42 | 0.72 |
| | 3/11/2004 | 1036.41 | 57.78 | 57.82 | 0.04 |
| | 3/16/2004 | 1036.41 | 57.68 | 58.97 | 1.29 |
| | 3/22/2004 | 1036.41 | 57.70 | 58.55 | 0.85 |
| | 3/29/2004 | 1036.41 | 57.74 | 58.82 | 1.08 |
| | 4/6/2004 | 1036.41 | 57.76 | 58.93 | 1.17 |
| | 4/16/2004 | 1036.41 | 57.83 | 58.67 | 0.84 |
| | 5/3/2004 | 1036.41 | 57.81 | 59.22 | 1.41 |
| | 5/12/2004 | - | 56.06 | 57.54 | 1.48 |
| PMW-16 | 5/5/2003 | 1035.30 | 55.75 | 58.54 | 2.79 |
| | 5/21/2003 | 1035.30 | 55.83 | 58.55 | 2.72 |
| | 5/30/2003 | 1035.30 | 55.90 | 58.61 | 2.71 |
| | 6/4/2003 | 1035.30 | 55.92 | 58.44 | 2.52 |
| | 6/6/2003 | 1035.30 | 55.98 | 58.25 | 2.27 |

# Table 10
## Depth to Groundwater and Thickness of Free Hydrocarbon Product ("FHP") in FHP Collection Wells Through June 2004 [1]

Price Pfister, Inc., 13500 Paxton Street, Pacoima, California

| Well | Date | Top of Casing Elevation (ft msl) | Depth to Product (ft bgs) | Depth to Water (ft bgs) | Product Thickness (ft) |
|---|---|---|---|---|---|
| PMW-16 | 6/12/2003 | 1035.30 | 56.00 | 58.54 | 2.54 |
| | 6/17/2003 | 1035.30 | 56.00 | 58.53 | 2.53 |
| | 6/19/2003 | 1035.30 | 56.05 | 58.27 | 2.22 |
| | 6/26/2003 | 1035.30 | 56.07 | 58.57 | 2.50 |
| | 7/3/2003 | 1035.30 | 56.11 | 58.54 | 2.43 |
| | 7/10/2003 | 1035.30 | 56.25 | 57.95 | 1.70 |
| | 7/22/2003 | 1035.30 | 56.25 | 58.55 | 2.30 |
| | 8/4/2003 | 1035.30 | 56.31 | 58.52 | 2.21 |
| | 8/7/2003 | 1035.30 | 56.42 | 57.83 | 1.41 |
| | 8/13/2003 | 1035.30 | 56.40 | 57.95 | 1.55 |
| | 1/6/2004 | 1035.30 | 56.12 | 57.78 | 1.66 |
| | 1/12/2004 | 1036.55 | 57.64 | 59.35 | 1.71 |
| | 1/15/2004 | 1036.55 | 57.77 | 58.33 | 0.56 |
| | 1/21/2004 | 1036.55 | 57.79 | 58.45 | 0.66 |
| | 2/17/2004 | 1036.55 | 57.87 | 58.64 | 0.77 |
| | 2/26/2004 | 1036.55 | 57.87 | 58.80 | 0.93 |
| | 3/2/2004 | 1036.55 | 57.80 | 59.10 | 1.30 |
| | 3/9/2004 | 1036.55 | 57.93 | 58.02 | 0.09 |
| | 3/11/2004 | 1036.55 | 57.93 | 58.34 | 0.41 |
| | 3/16/2004 | 1036.55 | 57.90 | 58.82 | 0.92 |
| | 3/22/2004 | 1036.55 | 57.98 | 58.38 | 0.40 |
| | 3/26/2004 | 1036.55 | 57.98 | 58.55 | 0.57 |
| | 3/29/2004 | 1036.55 | 58.03 | 58.14 | 0.11 |
| | 3/31/2004 | 1036.55 | 58.03 | 58.35 | 0.32 |
| | 4/6/2004 | 1036.55 | 57.99 | 58.90 | 0.91 |
| | 4/16/2004 | 1036.55 | 58.11 | 58.12 | 0.01 |
| | 5/3/2004 | 1036.55 | 58.07 | 58.71 | 0.64 |
| | 5/12/2004 | - | 56.51 | 57.57 | 1.06 |
| PMW-17 | 5/5/2003 | 1035.22 | 55.54 | 58.14 | 2.60 |
| | 5/21/2003 | 1035.22 | 55.66 | 58.23 | 2.57 |
| | 5/30/2003 | 1035.22 | 55.73 | 58.30 | 2.57 |
| | 6/4/2003 | 1035.22 | 55.74 | 58.15 | 2.41 |
| | 6/6/2003 | 1035.22 | 55.75 | 57.97 | 2.22 |
| | 6/12/2003 | 1035.22 | 55.80 | 58.24 | 2.44 |
| | 6/17/2003 | 1035.22 | 55.82 | 58.26 | 2.44 |
| | 6/19/2003 | 1035.22 | 55.84 | 58.12 | 2.28 |
| | 6/26/2003 | 1035.22 | 55.87 | 58.37 | 2.50 |
| | 7/3/2003 | 1035.22 | 55.95 | 58.22 | 2.27 |
| | 7/10/2003 | 1035.22 | 55.96 | 58.34 | 2.38 |
| | 7/22/2003 | 1035.22 | 56.03 | 58.37 | 2.34 |

# Table 10
# Depth to Groundwater and Thickness of Free Hydrocarbon Product ("FHP") in FHP Collection Wells Through June 2004 [1]

Price Pfister, Inc., 13500 Paxton Street, Pacoima, California

| Well | Date | Top of Casing Elevation (ft msl) | Depth to Product (ft bgs) | Depth to Water (ft bgs) | Product Thickness (ft) |
|---|---|---|---|---|---|
| PMW-17 | 8/4/2003 | 1035.22 | 56.11 | 58.40 | 2.29 |
| | 8/7/2003 | 1035.22 | 56.13 | 58.25 | 2.12 |
| | 8/13/2003 | 1035.22 | 56.16 | 58.37 | 2.21 |
| | 1/6/2004 | 1035.22 | 55.93 | 57.61 | 1.68 |
| | 1/12/2004 | 1036.50 | 57.60 | 59.15 | 1.55 |
| | 1/15/2004 | 1036.50 | 57.65 | 58.74 | 1.09 |
| | 1/21/2004 | 1036.50 | 57.69 | 58.46 | 0.77 |
| | 2/26/2004 | 1036.50 | 57.74 | 58.72 | 0.98 |
| | 3/2/2004 | 1036.50 | 57.81 | 58.12 | 0.31 |
| | 3/9/2004 | 1036.50 | 57.82 | 58.44 | 0.62 |
| | 3/11/2004 | 1036.50 | 57.81 | 58.41 | 0.60 |
| | 3/16/2004 | 1036.50 | 57.82 | 58.69 | 0.87 |
| | 3/22/2004 | 1036.50 | 57.87 | 58.18 | 0.31 |
| | 3/29/2004 | 1036.50 | 57.86 | 58.48 | 0.62 |
| | 4/6/2004 | 1036.50 | 57.91 | 58.60 | 0.69 |
| | 4/16/2004 | 1036.50 | 57.94 | 58.33 | 0.39 |
| | 5/3/2004 | 1036.50 | 57.93 | 59.19 | 1.26 |
| | 5/12/2004 | - | 56.28 | 57.72 | 1.44 |
| PMW-18 | 5/5/2003 | 1035.32 | 55.65 | 58.28 | 2.63 |
| | 5/21/2003 | 1035.32 | 55.74 | 58.30 | 2.56 |
| | 5/30/2003 | 1035.32 | 55.83 | 58.30 | 2.47 |
| | 6/4/2003 | 1035.32 | 55.82 | 58.16 | 2.34 |
| | 6/6/2003 | 1035.32 | 55.88 | 57.96 | 2.08 |
| | 6/12/2003 | 1035.32 | 55.88 | 58.23 | 2.35 |
| | 6/17/2003 | 1035.32 | 55.90 | 58.17 | 2.27 |
| | 6/19/2003 | 1035.32 | 55.95 | 57.85 | 1.90 |
| | 6/26/2003 | 1035.32 | 55.96 | 58.23 | 2.27 |
| | 7/3/2003 | 1035.32 | 56.02 | 58.30 | 2.28 |
| | 7/10/2003 | 1035.32 | 56.06 | 58.33 | 2.27 |
| | 7/22/2003 | 1035.32 | 56.15 | 58.35 | 2.20 |
| | 8/4/2003 | 1035.32 | 56.20 | 58.48 | 2.28 |
| | 8/7/2003 | 1035.32 | 56.22 | 58.23 | 2.01 |
| | 8/13/2003 | 1035.32 | 56.22 | 58.38 | 2.16 |
| | 8/15/2003 | 1035.32 | 56.21 | 58.02 | 1.81 |
| | 1/6/2004 | 1035.32 | 55.99 | 57.86 | 1.87 |
| | 1/12/2004 | 1036.58 | 57.55 | 59.41 | 1.86 |
| | 1/15/2004 | 1036.58 | 57.63 | 58.55 | 0.92 |
| | 2/26/2004 | 1036.58 | 57.73 | 58.63 | 0.90 |
| | 3/2/2004 | 1036.58 | 57.80 | 57.86 | 0.06 |
| | 3/9/2004 | 1036.58 | 57.77 | 58.29 | 0.52 |

# Table 10
# Depth to Groundwater and Thickness of Free Hydrocarbon Product ("FHP") in FHP Collection Wells Through June 2004 (1)

Price Pfister, Inc., 13500 Paxton Street, Pacoima, California

| Well | Date | Top of Casing Elevation (ft msl) | Depth to Product (ft bgs) | Depth to Water (ft bgs) | Product Thickness (ft) |
|---|---|---|---|---|---|
| PMW-18 | 3/16/2004 | 1036.58 | 57.82 | 58.61 | 0.79 |
| | 3/22/2004 | 1036.58 | 57.80 | 58.64 | 0.84 |
| | 3/29/2004 | 1036.58 | 57.82 | 58.83 | 1.01 |
| | 4/6/2004 | 1036.58 | 57.82 | 58.96 | 1.14 |
| | 4/16/2004 | 1036.58 | 57.96 | 58.05 | 0.09 |
| | 5/3/2004 | 1036.58 | 57.87 | 59.36 | 1.49 |
| | 5/12/2004 | - | 56.07 | 57.69 | 1.62 |

**Abbreviations**

| | |
|---|---|
| ft | feet |
| ft bgs | feet below ground surface. |
| ft msl | feet relative to mean sea level |
| -- | no data collected |

**Notes**

(1) Only data collected during the most recent 12 months of FHP monitoring are provided above. For older data, please refer to previously submitted progress reports.

(2) Since May 2002, the groundwater and FHP levels have been below the bottom of MW-1; therefore, no measurement of FHP or groundwater could be obtained.

(3) A full-time FHP Recovery System began continuous operations on 1/13/2004.

(4) Changes in top of casing elevation on 1/12/4004 are due to adjustments of wellheads during FHP Recovery System construction.

# Table 11
## Summary of Free Hydrocarbon Product Collection Through June 2004
Price Pfister, Inc., 13500 Paxton Street, Pacoima, California

| Date | Time | FHP Recovery Wells On-line upon arrival | | | | | | Compressor Pressure (psi) | FHP Storage Tank Measurements (2) | | | | | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MW-1 (1) | MW-2 | MW-3 | PMW-16 | PMW-17 | PMW-18 | | Fluid Thickness (ft) | Product Thickness (ft) | Water Thickness (ft) | Product Volume (gal) | Water Volume (gal) | |
| 1/12/2004 | 13:50 | | X | X | X | X | X | 100 | - | - | - | - | - | FHP System Startup. |
| 1/12/2004 | 16:30 | | | | | | | - | - | - | - | - | - | System shutdown overnight. |
| 1/13/2004 | 13:25 | | | | | | | - | 1.14 | 0.29 | 0.85 | 26.92 | 78.91 | System restarted and operated by Cornerstone from approximately 08:00-11:30. |
| 1/13/2004 | 13:45 | | X | X | X | X | X | 100 | - | - | - | - | - | System Restarted. |
| 1/14/2004 | 14:40 | | X | X | X | X | X | 95 | 1.23 | 0.24 | 0.99 | 22.28 | 91.90 | |
| 1/15/2004 | 14:50 | | X | X | X | X | X | 95 | 2.10 | 0.29 | 1.81 | 26.92 | 168.02 | Pump in MW-3 turned off upon departure. |
| 1/16/2004 | 9:30 | | X | | X | X | X | 100 | - | - | - | - | - | Compressor pressure adjusted to 100 psi. No system data recorded. |
| 1/19/2004 | 7:30 | | X | X | X | X | X | 97 | 2.27 | 0.41 | 1.86 | 38.06 | 172.67 | MW-3 restarted at 08:11. MW-3, PMW-16, and PMW-17 shutdown upon departure. |
| 1/20/2004 | 7:25 | | X | | | | X | 98 | 2.43 | 0.52 | 1.91 | 48.27 | 177.31 | MW-3, PMW-16, and PMW-17 restarted at 07:50. |
| 1/21/2004 | 8:18 | | X | X | X | X | X | 97 | 2.57 | 0.58 | 1.99 | 53.84 | 184.73 | |
| 1/22/2004 | 13:30 | | X | X | X | X | X | - | - | - | - | - | - | No system data recorded. |
| 1/26/2004 | 7:35 | | X | X | X | X | X | 98 | 2.63 | 0.63 | 2.00 | 58.48 | 185.66 | PMW-18 turned off upon departure. |
| 1/27/2004 | 15:05 | | X | X | X | X | | 98 | 2.72 | 0.73 | 1.99 | 67.77 | 184.73 | PMW-18 restarted at 15:35. |

# Table 11
## Summary of Free Hydrocarbon Product Collection Through June 2004
Price Pfister, Inc., 13500 Paxton Street, Pacoima, California

| Date | Time | FHP Recovery Wells On-line upon arrival | | | | | | Compressor Pressure (psi) | FHP Storage Tank Measurements (2) | | | | | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MW-1 (1) | MW-2 | MW-3 | PMW-16 | PMW-17 | PMW-18 | | Fluid Thickness (ft) | Product Thickness (ft) | Water Thickness (ft) | Product Volume (gal) | Water Volume (gal) | |
| 1/29/2004 | 7:35 | | | | | | | - | 2.84 | 0.77 | 2.07 | 71.48 | 192.16 | System off upon arrival. Cornerstone onsite 1/28; put new I-rings on well caps and made adjustments to hoses. System was turned off when they departed site. |
| 1/29/2004 | 8:10 | X | X | X | X | X | | 98 | - | - | - | - | - | System Restarted. |
| 2/2/2004 | 7:05 | X | X | X | X | X | | 97 | 3.05 | 0.75 | 2.30 | 69.62 | 213.51 | |
| 2/4/2004 | 10:10 | X | X | X | X | X | | 97 | 3.13 | 0.83 | 2.30 | 77.05 | 213.51 | |
| 2/6/2004 | 13:15 | X | X | X | X | X | | 98 | 3.21 | 0.91 | 2.30 | 84.48 | 213.51 | |
| 2/9/2004 | 10:10 | X | X | X | X | X | | 97 | 3.32 | 0.99 | 2.33 | 91.90 | 216.30 | |
| 2/9/2004 | 10:45 | X | X | X | X | X | | 97 | 2.36 | 0.99 | 1.37 | 91.90 | 127.18 | Approximately 100 gallons of water removed from storage tank and placed into 2-55 gallon drums. |
| 2/10/2004 | 8:30 | X | X | X | X | X | | 98 | 2.40 | 1.03 | 1.37 | 95.62 | 127.18 | |
| 2/12/2004 | 8:40 | X | X | X | X | X | | 96 | 2.48 | 1.11 | 1.37 | 103.04 | 127.18 | |
| 2/17/2004 | 15:00 | X | X | X | X | X | | 97 | 2.62 | 1.24 | 1.38 | 115.11 | 128.11 | |
| 2/18/2004 | 11:30 | X | X | X | X | X | | 97 | 2.65 | 1.27 | 1.38 | 117.90 | 128.11 | |
| 2/19/2004 | 16:05 | X | X | X | X | X | | 98 | 2.68 | 1.30 | 1.38 | 120.68 | 128.11 | |
| 2/20/2004 | 16:10 | X | X | X | X | X | | 98 | 2.71 | 1.32 | 1.39 | 122.54 | 129.04 | |
| 2/26/2004 | 14:35 | X | X | X | X | X | | 98 | 2.84 | 1.43 | 1.41 | 132.75 | 130.89 | Approximately 2 inches of water observed in outer tank due to roof leaking during heavy rains. |
| 3/2/2004 | 13:25 | X | X | X | X | X | | 98 | 2.03 | 1.75 | 0.28 | 162.45 | 25.99 | Approximately 110 gallons of water removed from storage tank and placed into 2-55 gallon drums. |

# Table 11
## Summary of Free Hydrocarbon Product Collection Through June 2004
Price Pfister, Inc., 13500 Paxton Street, Pacoima, California

| Date | Time | FHP Recovery Wells On-line upon arrival | | | | | | Compressor Pressure (psi) | FHP Storage Tank Measurements (2) | | | | | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MW-1 (1) | MW-2 | MW-3 | PMW-16 | PMW-17 | PMW-18 | | Fluid Thickness (ft) | Product Thickness (ft) | Water Thickness (ft) | Product Volume (gal) | Water Volume (gal) | |
| 3/4/2004 | 15:40 | | X | X | X | X | X | - | - | - | - | - | - | System off upon arrival. Reason for shutdown unknown. System restarted at 15:40 |
| 3/8/2004 | 15:40 | | X | X | X | X | X | 98 | 2.35 | 1.95 | 0.40 | 181.02 | 37.13 | PMW-18 off upon arrival. Restarted at 15:45 |
| 3/9/2004 | 14:30 | | X | X | X | X | X | 98 | 2.39 | 2.00 | 0.39 | 185.66 | 36.20 | |
| 3/11/2004 | 14:50 | | X | X | X | X | X | 96 | 3.22 | 2.23 | 0.99 | 207.01 | 91.90 | MW-2 and MW-3 turned off at departure. |
| 3/16/2004 | 8:10 | | | | X | X | X | 97 | 2.96 | 2.40 | 0.56 | 222.80 | 51.99 | Approximately 50 gallons of water removed from storage tank and placed into 1-55 gallon drum. MW-3, PMW-16, and PMW-18 off at departure. |
| 3/17/2004 | 9:30 | | X | | | X | | 98 | 2.99 | 2.42 | 0.57 | 224.65 | 52.91 | MW-3 off at departure. |
| 3/22/2004 | 8:10 | | | | | | | 0 | 3.19 | 2.68 | 0.51 | 248.79 | 47.34 | System off upon arrival. Tank was full. Approximately 55 gallons of water removed and placed into 1-55 gallon drum. System restarted at 9:15. All wells turned on. |
| 3/24/2004 | 8:50 | | X | X | X | X | X | 98 | 3.26 | 2.73 | 0.53 | 253.43 | 49.20 | |
| 3/26/2004 | 10:30 | | X | X | X | X | X | 98 | 3.31 | 2.77 | 0.54 | 257.14 | 50.13 | |
| 3/29/2004 | 15:35 | | | | | | | 0 | 3.40 | 2.89 | 0.51 | 268.28 | 47.34 | System off upon arrival. Tank was full. Approximately 55 gallons of water removed and placed into 1-55 gallon drum. System restarted at 16:36. PMW-16 off upon departure. |

# Table 11
## Summary of Free Hydrocarbon Product Collection Through June 2004
Price Pfister, Inc., 13500 Paxton Street, Pacoima, California

| Date | Time | FHP Recovery Wells On-line upon arrival | | | | | | Compressor Pressure (psi) | FHP Storage Tank Measurements (2) | | | | | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MW-1 (1) | MW-2 | MW-3 | PMW-16 | PMW-17 | PMW-18 | | Fluid Thickness (ft) | Product Thickness (ft) | Water Thickness (ft) | Product Volume (gal) | Water Volume (gal) | |
| 3/31/2004 | 9:40 | | X | | X | X | X | 98 | 3.48 | 2.95 | 0.53 | 273.85 | 49.20 | |
| 4/2/2004 | 16:00 | | X | X | X | X | X | 98 | 3.52 | 2.97 | 0.55 | 275.71 | 51.06 | |
| 4/6/2004 | 9:55 | | X | X | X | X | X | 97 | 3.58 | 3.03 | 0.55 | 281.28 | 51.06 | |
| 4/7/2004 | 8:45 | | X | X | X | X | X | 97 | 3.64 | 3.09 | 0.55 | 286.85 | 51.06 | Approximately 20 gallons of water was removed from storage tank and places into1-55 gallon drum. |
| 4/8/2004 | 7:35 | | X | X | X | X | X | 98 | 3.45 | 3.11 | 0.34 | 288.71 | 31.56 | PMW-16 off upon departure. |
| 4/9/2004 | 10:58 | | X | X | X | X | X | 96 | 3.50 | 3.16 | 0.34 | 293.35 | 31.56 | |
| 4/12/2004 | 8:00 | | X | X | X | X | X | 98 | 3.60 | 3.23 | 0.37 | 299.85 | 34.35 | PWM-18 off upon departure. |
| 4/13/2004 | 8:10 | | X | X | X | X | | 98 | 3.70 | 3.31 | 0.39 | 307.27 | 36.20 | Approximately 9 gallons of water was removed from storage tank and placed into existing 55 gallon drum. PMW-16 and PMW-18 off upon departure. |
| 4/14/2004 | 14:45 | | X | X | | X | | 98 | 3.65 | 3.27 | 0.38 | 303.56 | 35.28 | PMW-16 and PMW-18 off upon departure. |
| 4/15/2004 | 7:40 | | X | X | | X | | 98 | 3.72 | 3.40 | 0.32 | 315.63 | 29.71 | PMW-16 and PMW-18 off upon departure. |
| 4/16/2004 | 14:22 | | X | X | | X | | 98 | 3.77 | 3.44 | 0.33 | 319.34 | 30.63 | Approximately 7 gallons of water was removed from storage tank and placed into existing 55 gallon drum. PMW-16 and PMW-18 off upon departure. |

# Table 11
## Summary of Free Hydrocarbon Product Collection Through June 2004
Price Pfister, Inc., 13500 Paxton Street, Pacoima, California

| Date | Time | FHP Recovery Wells On-line upon arrival | | | | | | Compressor Pressure (psi) | FHP Storage Tank Measurements (2) | | | | | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MW-1 (1) | MW-2 | MW-3 | PMW-16 | PMW-17 | PMW-18 | | Fluid Thickness (ft) | Product Thickness (ft) | Water Thickness (ft) | Product Volume (gal) | Water Volume (gal) | |
| 4/19/2004 | 14:51 | | X | X | | X | | 98 | 3.76 | 3.51 | 0.25 | 325.84 | 23.21 | Approximately 5 gallons of water was removed from storage tank and placed into existing 55 gallon drum. PMW-16 and PMW-18 off upon departure. |
| 4/22/2004 | 8:47 | | X | X | | X | | 98 | 3.76 | 3.51 | 0.25 | 325.84 | 23.21 | PMW-16 and PMW-18 off upon departure. |
| 4/26/2004 | 7:07 | | | | | | | - | 3.89 | 3.62 | 0.27 | 336.05 | 25.06 | System off upon arrival. Tank was full. System started to be dismantled by Cornerstone at 8:00 AM. |

Amount of FHP removed between 1995 and 2003 (gallons): 5,440

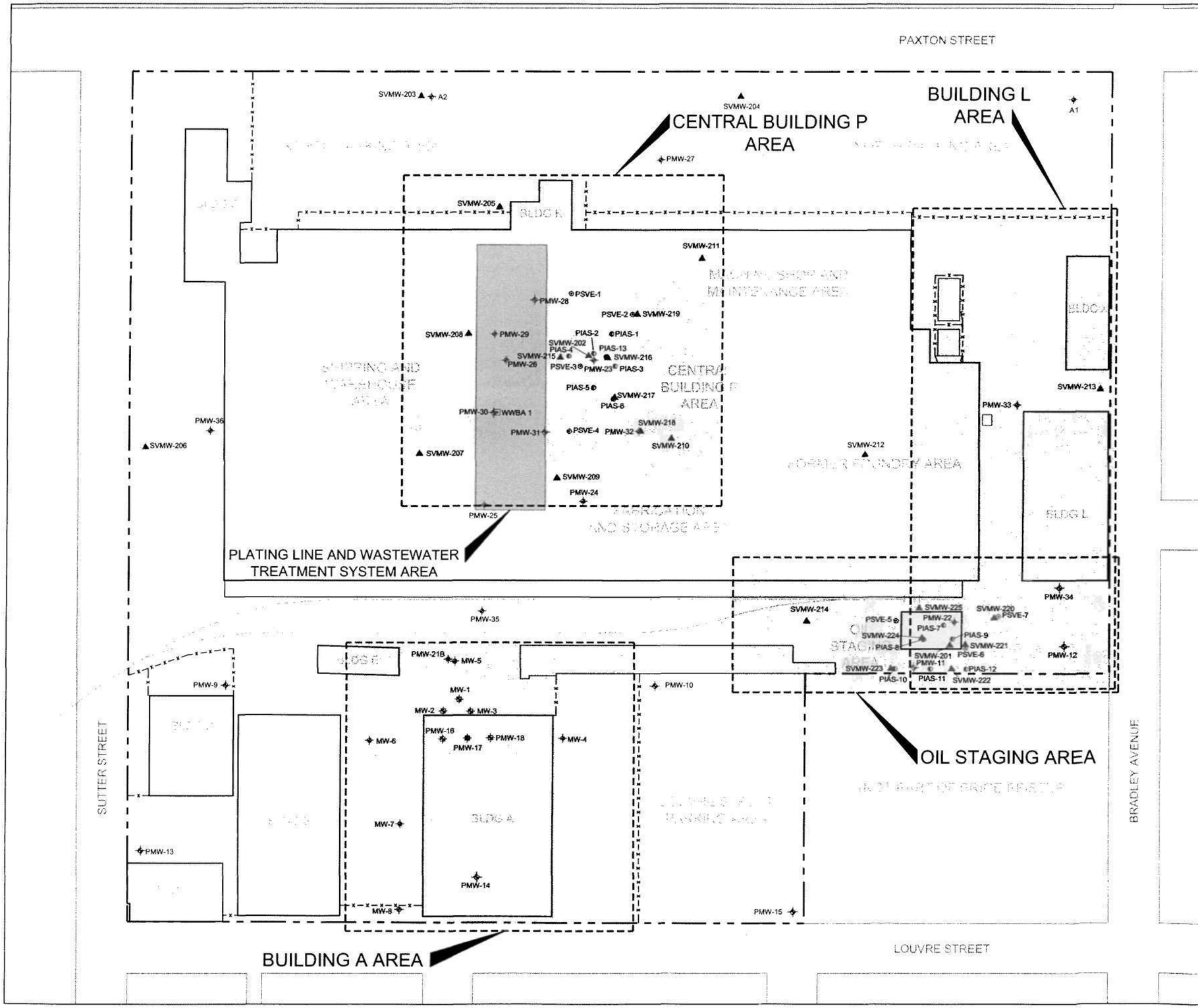
**Total amount of FHP removed to date (gallons): 5,776**

**Abbreviations:**

FHP free hydrocarbon product
psi pounds per square inch

**Notes:**

1. The well screen for MW-1 is currently located above the FHP-groundwater interface; therefore, no product is recoverable from this well.
2. Total FHP storage tank depth is 5.90 feet. High level shutoff is 3.75 feet from bottom of tank.




0 120 240

(Approximate Scale in Feet)

Legend:

- Soil Vapor Monitoring Well
- Soil Vapor Extraction Well
- Groundwater Monitoring Well
- In Situ Air Sparging Well
- Soil Vapor/Groundwater Monitoring Well
- Free Hydrocarbon Product Collection Well
- Soil Vapor Monitoring/Free Hydrocarbon Product Collection Well
- Approximate Property Boundary
- Out-of-Service Railroad Spur
- Fence

Note:

1. All locations are approximate.

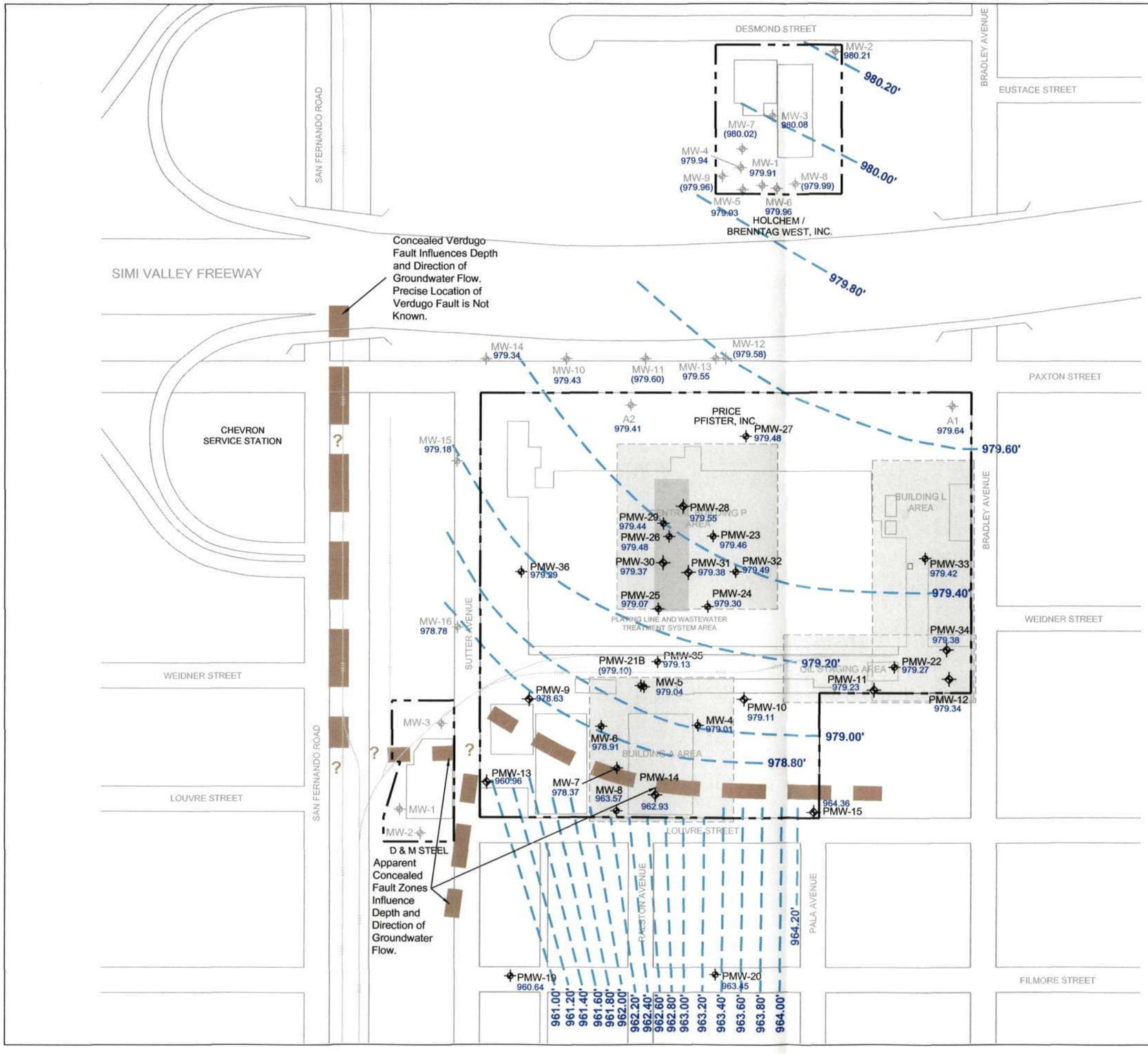
**Erler & Kalinowski, Inc.**

Site Plan Including Identified Detail Areas and Well Locations

Price Pfister, Inc.
Pacoima, CA

July 2004
EKI A20034.03

Figure 2




N

0 250 500

(Approximate Scale in Feet)

## Legend:

- Groundwater Monitoring Well
- Soil Vapor/Groundwater Monitoring Well
- Approximate Property Boundary
- Out-of-Service Railroad Spur
- Approximate Location of Groundwater Elevation Contour (feet above mean sea level)
- 979.93 — Groundwater Elevation (feet above mean sea level), 26 April 2004
- (980.00) — Parentheses Indicate Well is Screened Below the Groundwater Table

## Notes:

1. All locations are approximate.
2. The well screen for PMW-21B is located approximately 50-feet below the groundwater table. Holchem/ Brenntag West, Inc. wells MW-7, MW-8, MW-9, MW-11 and MW-12 are screened below the water table. Wells screened below the groundwater table are not used to contour data.
3. Well symbols shown in light gray font are not part of the Price Pfister monitoring program.
4. Groundwater elevation data shown for Brenntag West, Inc. wells was provided by Arcadis. Based on a comparison of measurements by Arcadis and EKI at wells A1 and A2 on 26 April 2004, the depths to groundwater measured by Arcadis were 0.07 feet and 0.04 feet, respectively, deeper than the measurement by EKI.

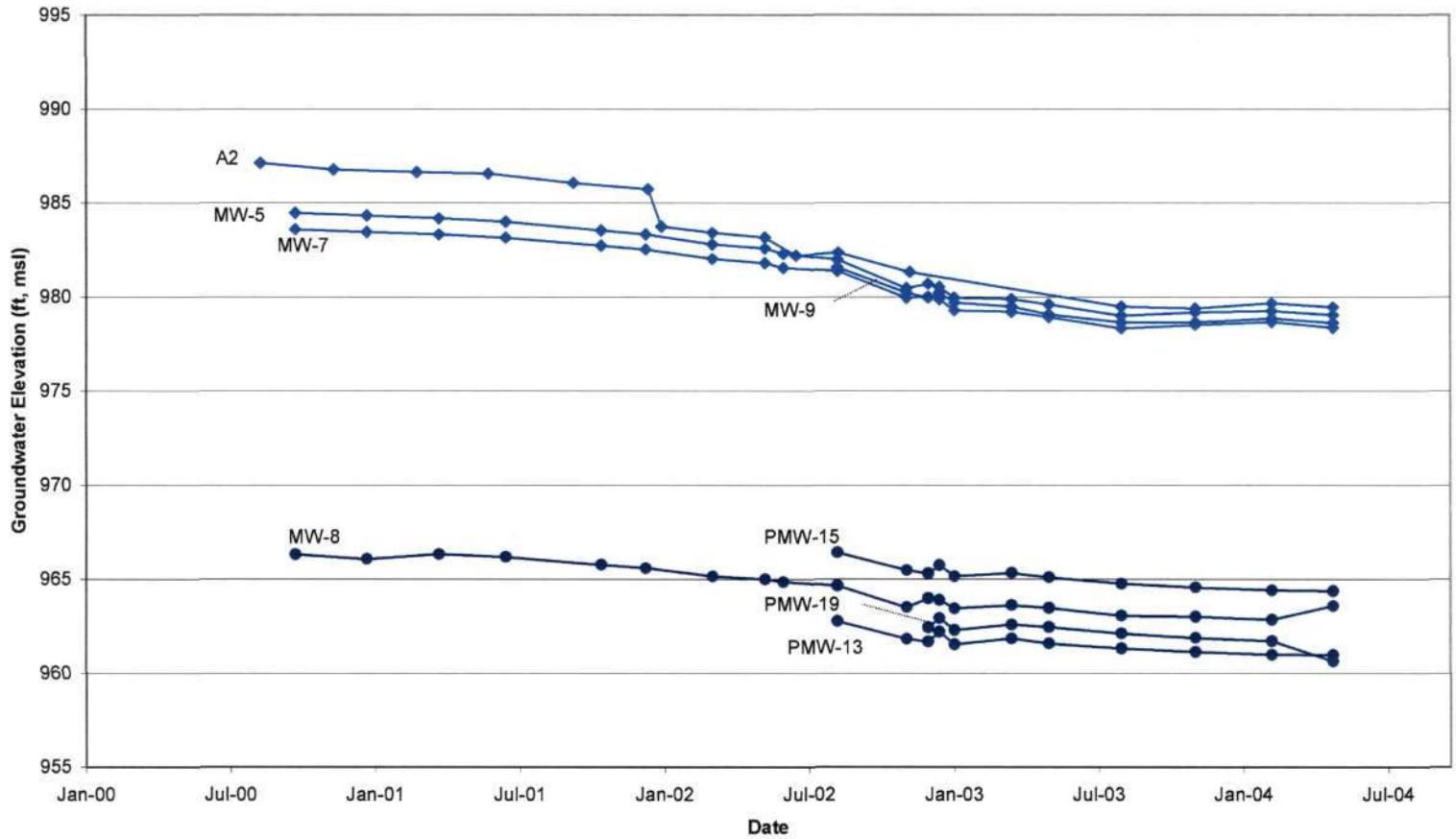
**Erler & Kalinowski, Inc.**

Approximate Groundwater Elevation Contours for April 2004

Price Pfister, Inc.
Pacoima, CA

July 2004
EKI A20034.03

Figure 3




Legend:

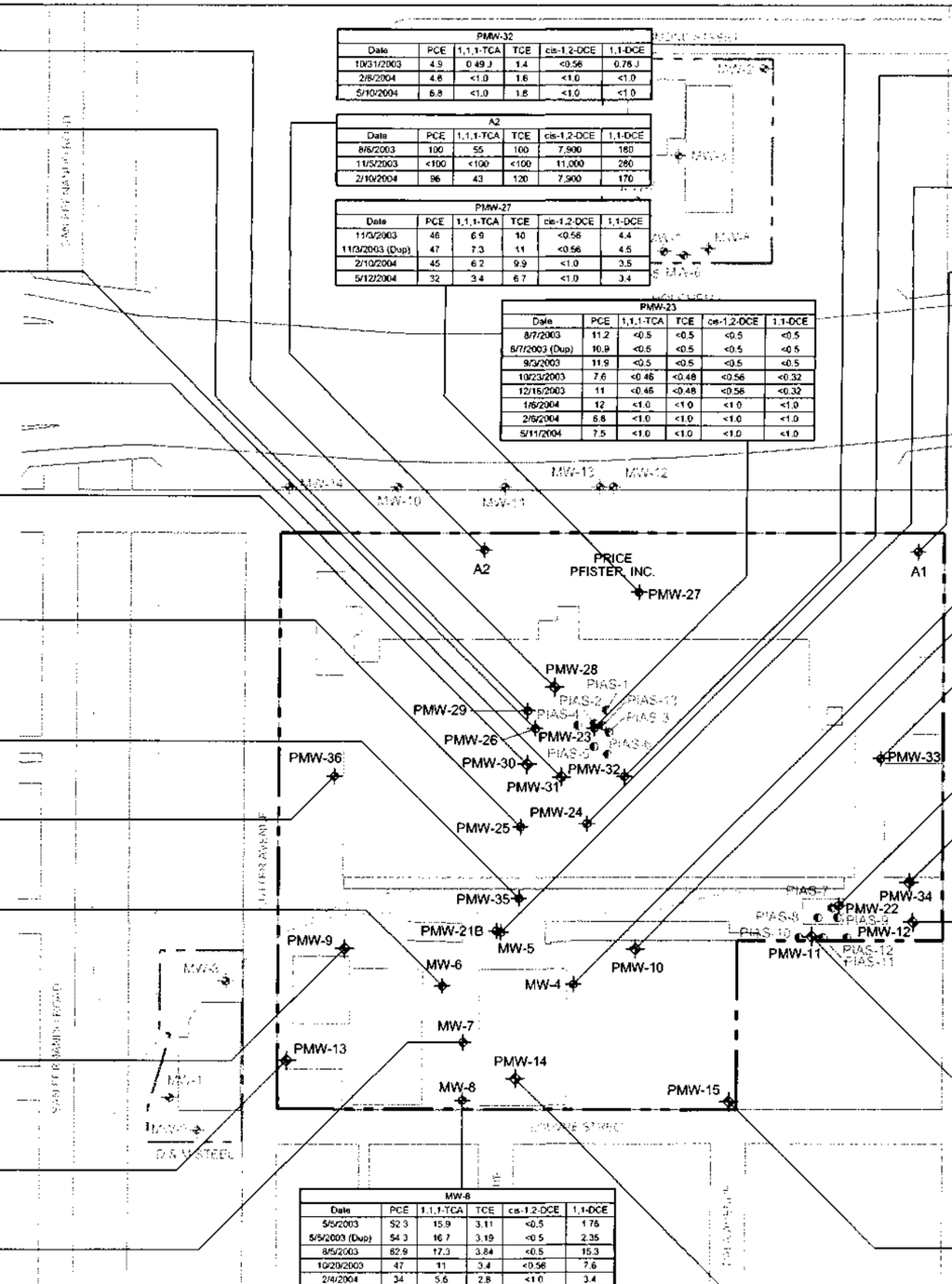
Wells Located Northwest of Apparent On-Site Fault

Wells Located Southeast of Apparent On-Site Fault

**Erler & Kalinowski, Inc.**

Groundwater Elevation Trends for Selected Site Wells

Price Pfister, Inc.
Pacoima, CA
July 2004
EKI A20034.03
Figure 4




| PMW-28 | | | | | |
|---|---|---|---|---|---|
| Date | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE |
| 10/28/2003 | 8.0 | <0.46 | 2.5 | 0.67 J | 0.95 J |
| 2/9/2004 | 9.6 | <1.0 | 3.3 | 5.9 | 1.2 |
| 2/9/2004 (Dup) | 9.6 | <1.0 | 3.3 | 5.6 | 1.2 |
| 5/7/2004 | 12 | <1.0 | 4.1 | 12 | 1.3 |

| PMW-29 | | | | | |
|---|---|---|---|---|---|
| Date | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE |
| 10/28/2003 | 14 | 1.3 | 4.9 | 5.4 | 1.9 |
| 2/10/2004 | 14 | <1.0 | 5.4 | 11 | 1.6 |
| 5/7/2004 | 15 | 1.1 | 5.1 | 11 | 1.8 |

| PMW-26 | | | | | |
|---|---|---|---|---|---|
| Date | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE |
| 5/8/2003 | 128 | 5.38 | 18.8 | 13.4 | 9.11 |
| 5/8/2003 (Dup) | 144 | 5.98 | 21.9 | 14.8 | 10.3 |
| 8/7/2003 | 73.6 | 5.92 | 25.0 | 30.9 | 7.62 |
| 10/23/2003 | 44 | 5.1 | 22 | 64 | 5.6 |
| 2/6/2004 | 34 | 4.2 | 18 | 100 | 4.5 |
| 2/6/2004 (Dup) | 32 | 4.6 | 18 | 96 | 4.8 |
| 5/7/2004 | 36 | 3.9 | 16 | 88 | 5.3 |

| PMW-31 | | | | | |
|---|---|---|---|---|---|
| Date | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE |
| 10/31/2003 | 13 | <0.46 | 1.4 | 0.74 J | 0.42 J |
| 1/6/2004 | 5.8 | <1.0 | <1.0 | <1.0 | <1.0 |
| 2/10/2004 | 5.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| 5/10/2004 | 9.0 | <1.0 | 1.9 | 1.0 | <1.0 |
| 5/10/2004 (Dup) | 9.9 | <1.0 | 2.0 | 1.1 | <1.0 |

| PMW-30 | | | | | |
|---|---|---|---|---|---|
| Date | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE |
| 10/28/2003 | 47 | 4.0 | 14 | 17 | 4.8 |
| 10/28/2003 (Dup) | 47 | 4.0 | 14 | 17 | 5.5 |
| 2/10/2004 | 36 | 3 | 14 | 32 | 4.5 |
| 5/10/2004 | 39 | 3.5 | 14 | 36 | 5.2 |

| PMW-25 | | | | | |
|---|---|---|---|---|---|
| Date | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE |
| 8/7/2003 | 226 | 5.38 | 13.7 | 4.56 | 9.00 |
| 9/3/2003 | 198 | 5.34 | 14.7 | 6.38 | 7.99 |
| 10/23/2003 | 130 | 4.5 | 15 | 7.9 | 5.3 |
| 10/23/2003 (Dup) | 130 | 4.5 | 15 | 8.1 | 6.2 |
| 12/16/2003 | 91 | 3.4 | 12 | 9.5 | 6.3 |
| 1/6/2004 | 50 | 2.5 | 8.5 | 8.7 | 3.4 |
| 2/6/2004 | 60 | 2.8 | 9.9 | 10 | 3.6 |
| 5/7/2004 | 62 | 2.6 | 9.8 | 10 | 4.1 |

| PMW-35 | | | | | |
|---|---|---|---|---|---|
| Date | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE |
| 11/3/2003 | 51 | 1.0 | 8.3 | 11 | 1.2 |
| 2/10/2004 | 36 | <1.0 | 9.2 | 13 | <1.0 |
| 5/7/2004 | 35 | <1.0 | 11 | 23 | <1.0 |

| PMW-36 | | | | | |
|---|---|---|---|---|---|
| Date | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE |
| 11/3/2003 | 11 | 0.97 J | 11 | 140 | 7.0 |
| 2/10/2004 | 7.6 | <1.0 | 8.5 | 84 | 3.7 |
| 2/10/2004 (Dup) | 7.6 | <1.0 | 7.1 | 97 | 3.9 |
| 5/7/2004 | 7.7 | <1.0 | 5.5 | 62 | 2.3 |
| 5/7/2004 (Dup) | 7.0 | <1.0 | 5.7 | 64 | 3.1 |

| MW-6 | | | | | |
|---|---|---|---|---|---|
| Date | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE |
| 8/5/2003 | 32.3 | 0.78 | 2.30 | <0.5 | 1.70 |
| 10/21/2003 | 28 | <0.46 | 2.4 | <0.56 | 1.5 |
| 2/4/2004 | 25 | <1.0 | 2.5 | <1.0 | <1.0 |
| 5/12/2004 | 18 | <1.0 | 3.0 | 1.3 | 1.6 |

| PMW-9 | | | | | |
|---|---|---|---|---|---|
| Date | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE |
| 5/7/2003 | 36.6 | 1.80 | 13.2 | 0.57 | 3.08 |
| 8/5/2003 | 38.6 | 2.31 | 17.1 | 0.80 | 3.32 |
| 10/21/2003 | 39 | 1.8 | 16 | 0.95 J | 2.8 |
| 2/4/2004 | 31 | 1.2 | 12 | <1.0 | 1.7 |
| 2/4/2004 (Dup) | 5.3 | <1.0 | <1.0 | <1.0 | <1.0 |
| 5/11/2004 | 25 | 1.1 | 14 | 2.0 | 2.3 |

| PMW-13 | | | | | |
|---|---|---|---|---|---|
| Date | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE |
| 8/6/2003 | 214 | 3.60 | 8.88 | 5.91 | 6.83 |
| 10/22/2003 | 170 | 2.9 | 6.8 | 6.1 | 4.9 |
| 2/5/2004 | 120 | 2.5 | 8.4 | 7.2 | 4.1 |
| 5/12/2004 | 69 | 1.2 | 7.6 | 7.3 | 3.2 |

| MW-7 | | | | | |
|---|---|---|---|---|---|
| Date | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE |
| 5/8/2003 | 818 | 22.3 | 5.54 | <5.0 | <5.0 |
| 8/6/2003 | 651 | 17.9 | <5.0 | <5.0 | 15.8 |
| 8/6/2003 (Dup) | 689 | 18.1 | 5.02 | <5.0 | 16.9 |
| 10/22/2003 | 310 | 10 | 3.9 | <1.1 | 9.8 |
| 10/22/2003 (Dup) | 290 | 10 | 3.80 | <0.56 | 9.7 |
| 2/5/2004 | 80 | 4.0 | 2.5 | <1.0 | 3.0 |
| 5/11/2004 | 36 | 1.9 | 1.4 | <1.0 | 1.7 |

| PMW-32 | | | | | |
|---|---|---|---|---|---|
| Date | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE |
| 10/31/2003 | 4.9 | 0.49 J | 1.4 | <0.56 | 0.76 J |
| 2/8/2004 | 4.6 | <1.0 | 1.6 | <1.0 | <1.0 |
| 5/10/2004 | 6.8 | <1.0 | 1.8 | <1.0 | <1.0 |

| A2 | | | | | |
|---|---|---|---|---|---|
| Date | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE |
| 8/6/2003 | 100 | 55 | 100 | 7,900 | 160 |
| 11/5/2003 | <100 | <100 | <100 | 11,000 | 280 |
| 2/10/2004 | 96 | 43 | 120 | 7,900 | 170 |

| PMW-27 | | | | | |
|---|---|---|---|---|---|
| Date | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE |
| 11/3/2003 | 46 | 6.9 | 10 | <0.56 | 4.4 |
| 11/3/2003 (Dup) | 47 | 7.3 | 11 | <0.56 | 4.5 |
| 2/10/2004 | 45 | 6.2 | 9.9 | <1.0 | 3.5 |
| 5/12/2004 | 32 | 3.4 | 6.7 | <1.0 | 3.4 |

| PMW-23 | | | | | |
|---|---|---|---|---|---|
| Date | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE |
| 8/7/2003 | 11.2 | <0.5 | <0.5 | <0.5 | <0.5 |
| 8/7/2003 (Dup) | 10.9 | <0.5 | <0.5 | <0.5 | <0.5 |
| 9/3/2003 | 11.9 | <0.5 | <0.5 | <0.5 | <0.5 |
| 10/23/2003 | 7.6 | <0.46 | <0.48 | <0.56 | <0.32 |
| 12/16/2003 | 11 | <0.46 | <0.48 | <0.56 | <0.32 |
| 1/6/2004 | 12 | <1.0 | <1.0 | <1.0 | <1.0 |
| 2/6/2004 | 8.6 | <1.0 | <1.0 | <1.0 | <1.0 |
| 5/11/2004 | 7.5 | <1.0 | <1.0 | <1.0 | <1.0 |

| MW-8 | | | | | |
|---|---|---|---|---|---|
| Date | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE |
| 5/5/2003 | 52.3 | 15.9 | 3.11 | <0.5 | 1.76 |
| 5/5/2003 (Dup) | 54.3 | 16.7 | 3.19 | <0.5 | 2.35 |
| 8/5/2003 | 62.9 | 17.3 | 3.84 | <0.5 | 15.3 |
| 10/20/2003 | 47 | 11 | 3.4 | <0.56 | 7.6 |
| 2/4/2004 | 34 | 5.6 | 2.8 | <1.0 | 3.4 |
| 5/11/2004 | 20 | 2.4 | 2.3 | <1.0 | 2.7 |

| PMW-19 | | | | | |
|---|---|---|---|---|---|
| Date | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE |
| 5/5/2003 | 5.06 | <0.5 | 2.48 | <0.5 | 1.57 |
| 8/4/2003 | 6.68 | <0.5 | 2.94 | <0.5 | 1.89 |
| 8/4/2003 (Dup) | 6.78 | <0.5 | 2.89 | <0.5 | 1.82 |
| 10/20/2003 | 5.5 | <0.46 | 2.8 | <0.56 | 1.6 |
| 2/4/2004 | 6.8 | <1.0 | 2.8 | <1.0 | 1.5 |
| 5/12/2004 | 5.50 | <1.0 | 2.60 | <1.0 | 1.90 |

| PMW-20 | | | | | |
|---|---|---|---|---|---|
| Date | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE |
| 5/5/2003 | 3.55 | <0.5 | 1.57 | <0.5 | 0.52 |
| 8/4/2003 | 4.61 | <0.5 | 1.82 | <0.5 | 0.70 |
| 10/20/2003 | 3.8 | <0.46 | 1.6 | <0.56 | 0.60 J |
| 2/4/2004 | 3.5 | <1.0 | 1.2 | <1.0 | <1.0 |
| 5/12/2004 | 3.10 | <1.0 | 1.40 | <1.0 | <1.0 |

| PMW-24 | | | | | |
|---|---|---|---|---|---|
| Date | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE |
| 8/7/2003 | 31.3 | 1.53 | 1.66 | <0.5 | 1.87 |
| 9/3/2003 | 19.1 | 1.19 | 1.22 | <0.5 | 1.30 |
| 10/23/2003 | 12 | <0.46 | 0.87 J | <0.56 | 0.59 J |
| 12/16/2003 | 6.4 | <0.46 | <0.48 | <0.56 | <0.32 |
| 1/6/2004 | 8.8 | <1.0 | <1.0 | <1.0 | <1.0 |
| 2/6/2004 | 5.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| 5/10/2004 | 4.1 | <1.0 | <1.0 | <1.0 | <1.0 |

| MW-5 | | | | | |
|---|---|---|---|---|---|
| Date | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE |
| 8/7/2003 | 263 | 2.80 | 11.2 | 7.15 | 3.45 |
| 10/22/2003 | 140 | 1.8 | 11 | 6.8 | 2.1 |
| 2/5/2004 | 53 | 1.1 | 8.3 | 12 | 1.5 |
| 5/12/2004 | 30 | <1.0 | 6.5 | 13 | <1.0 |

| A1 | | | | | |
|---|---|---|---|---|---|
| Date | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE |
| 8/5/2003 | 2.4 | <1.0 | <1.0 | <1.0 | <1.0 |
| 11/5/2003 | NS | NS | NS | NS | NS |
| 2/10/2004 | 2.2 | <1.0 | <1.0 | <1.0 | <1.0 |

| MW-4 | | | | | |
|---|---|---|---|---|---|
| Date | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE |
| 6/4/2003 | (Note 6) | | | | |
| 10/22/2003 | 28 | 3.1 | 1.4 | <0.56 | 2.0 |
| 2/5/2004 | 9.5 | 1.3 | <1.0 | <1.0 | <1.0 |
| 5/11/2004 | 6.4 | <1.0 | <1.0 | <1.0 | <1.0 |

| PMW-10 | | | | | |
|---|---|---|---|---|---|
| Date | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE |
| 5/8/2003 | 19.7 | 7.69 | 1.45 | <0.5 | 6.79 |
| 8/6/2003 | 10.0 | 2.47 | 1.21 | <0.5 | 2.04 |
| 10/22/2003 | 5.7 | 0.95 J | 0.83 J | <0.56 | 1.1 |
| 2/5/2004 | 3.7 | <1.0 | <1.0 | <1.0 | <1.0 |
| 5/11/2004 | 3.3 | <1.0 | <1.0 | <1.0 | <1.0 |

| PMW-33 | | | | | |
|---|---|---|---|---|---|
| Date | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE |
| 10/31/2003 | 1.3 | <0.46 | 0.88 J | <0.56 | <0.32 |
| 10/31/2003 (Dup) | 1.4 | <0.46 | 0.88 J | <0.56 | <0.32 |
| 2/8/2004 | 1.1 | <1.0 | <1.0 | <1.0 | <1.0 |
| 5/7/2004 | 1.1 | <1.0 | <1.0 | <1.0 | <1.0 |

| PMW-22 | | | | | |
|---|---|---|---|---|---|
| Date | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE |
| 8/6/2003 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 9/3/2003 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 10/21/2003 | 0.83 J | <0.46 | <0.48 | <0.56 | <0.32 |
| 12/16/2003 | <0.20 | <0.46 | <0.48 | <0.56 | <0.32 |
| 1/6/2004 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| 2/6/2004 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| 5/10/2004 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |

| PMW-34 | | | | | |
|---|---|---|---|---|---|
| Date | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE |
| 11/3/2003 | 0.78 J | <0.46 | <0.48 | <0.56 | <0.32 |
| 2/6/2004 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| 5/10/2004 | 1.1 | <1.0 | <1.0 | <1.0 | <1.0 |

| PMW-12 | | | | | |
|---|---|---|---|---|---|
| Date | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE |
| 8/6/2003 | 9.28 | <0.5 | <0.5 | <0.5 | <0.5 |
| 10/21/2003 | 4.0 | <0.46 | <0.48 | <0.56 | <0.32 |
| 10/21/2003 (Dup) | 4.1 | <0.46 | <0.48 | <0.56 | <0.32 |
| 2/5/2004 | 1.8 | <1.0 | <1.0 | <1.0 | <1.0 |
| 2/5/2004 (Dup) | 1.9 | <1.0 | <1.0 | <1.0 | <1.0 |
| 5/11/2004 | 1.90 | <1.0 | <1.0 | <1.0 | <1.0 |

| PMW-11 | | | | | |
|---|---|---|---|---|---|
| Date | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE |
| 8/7/2003 | 34.0 | <0.5 | <0.5 | <0.5 | <0.5 |
| 9/3/2003 | 32.3 | <0.5 | <0.5 | <0.5 | <0.5 |
| 9/3/2003 (Dup) | 28.1 | <0.5 | <0.5 | <0.5 | <0.5 |
| 10/23/2003 | 17 | <0.46 | <0.48 | <0.56 | <0.32 |
| 12/16/2003 | 10 | <0.46 | <0.48 | <0.56 | <0.32 |
| 12/16/2003 (Dup) | 11 | <0.46 | <0.48 | <0.56 | <0.32 |
| 1/6/2004 | 25 | <1.0 | <1.0 | <1.0 | <1.0 |
| 1/6/2004 (Dup) | 25 | <1.0 | <1.0 | <1.0 | <1.0 |
| 2/6/2004 | 6.5 | <1.0 | <1.0 | <1.0 | <1.0 |
| 5/10/2004 | 4.0 | <1.0 | <1.0 | <1.0 | <1.0 |

| PMW-15 | | | | | |
|---|---|---|---|---|---|
| Date | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE |
| 5/8/2003 | 71.3 | <0.5 | 3.90 | 1.46 | <0.5 |
| 8/6/2003 | 49.6 | <0.5 | 2.09 | 0.58 | <0.5 |
| 10/22/2003 | 27 | <0.46 | 1.0 | <0.56 | <0.32 |
| 2/5/2004 | 17 | <1.0 | <1.0 | <1.0 | <1.0 |
| 5/11/2004 | 12 | <1.0 | <1.0 | <1.0 | <1.0 |

| PMW-14 | | | | | |
|---|---|---|---|---|---|
| Date | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE |
| 8/5/2003 | 76.1 | 18.6 | 4.82 | <0.5 | 15.8 |
| 8/5/2003 (Dup) | 76.2 | 18.1 | 4.87 | <0.5 | 15.5 |
| 10/21/2003 | 61 | 13 | 5.7 | <0.56 | 9.8 |
| 2/5/2004 | 29 | 5.8 | 3.2 | <1.0 | 4.7 |
| 5/12/2004 | 22 | 3.1 | 3.0 | <1.0 | 2.6 |
| 5/12/2004 (Dup) | 21 | 3.2 | 2.8 | <1.0 | 2.8 |

0 250 500

(Approximate Scale in Feet)

## Legend:

- Groundwater Monitoring Well
- Soil Vapor/Groundwater Monitoring Well
- In-Situ Air Sparging Well
- Approximate Property Boundary
- Out-of-Service Railroad Spur

## Abbreviations:

| | | |
|---|---|---|
| PCE | = | Tetrachloroethene |
| 1,1,1-TCA | = | 1,1,1-trichloroethane |
| TCE | = | Trichloroethene |
| cis-1,2-DCE | = | cis-1,2-dichloroethene |
| 1,1-DCE | = | 1,1-dichloroethene |
| VOC | = | Volatile organic compound |
| <0.002 | = | Analyte not detected above analytical method reporting limit shown. |
| Dup | = | Duplicate sample |
| NS | = | Not sampled |
| J | = | Estimated value |

## Notes:

1. All locations are approximate.
2. Analytical results are in micrograms per liter.
3. Data are posted only for monitoring wells sampled by Price Pfister and monitoring wells A1 and A2, which are located on the Price Pfister property, but sampled by Holchem/Brenntag West, Inc.
4. Data are posted from sampling conducted since third quarter 2003.
5. Petroleum hydrocarbon collection wells MW-1 through MW-3 and PMW-16 through PMW-18 are not shown.
6. A petroleum hydrocarbon sheen was observed. No sample was collected.

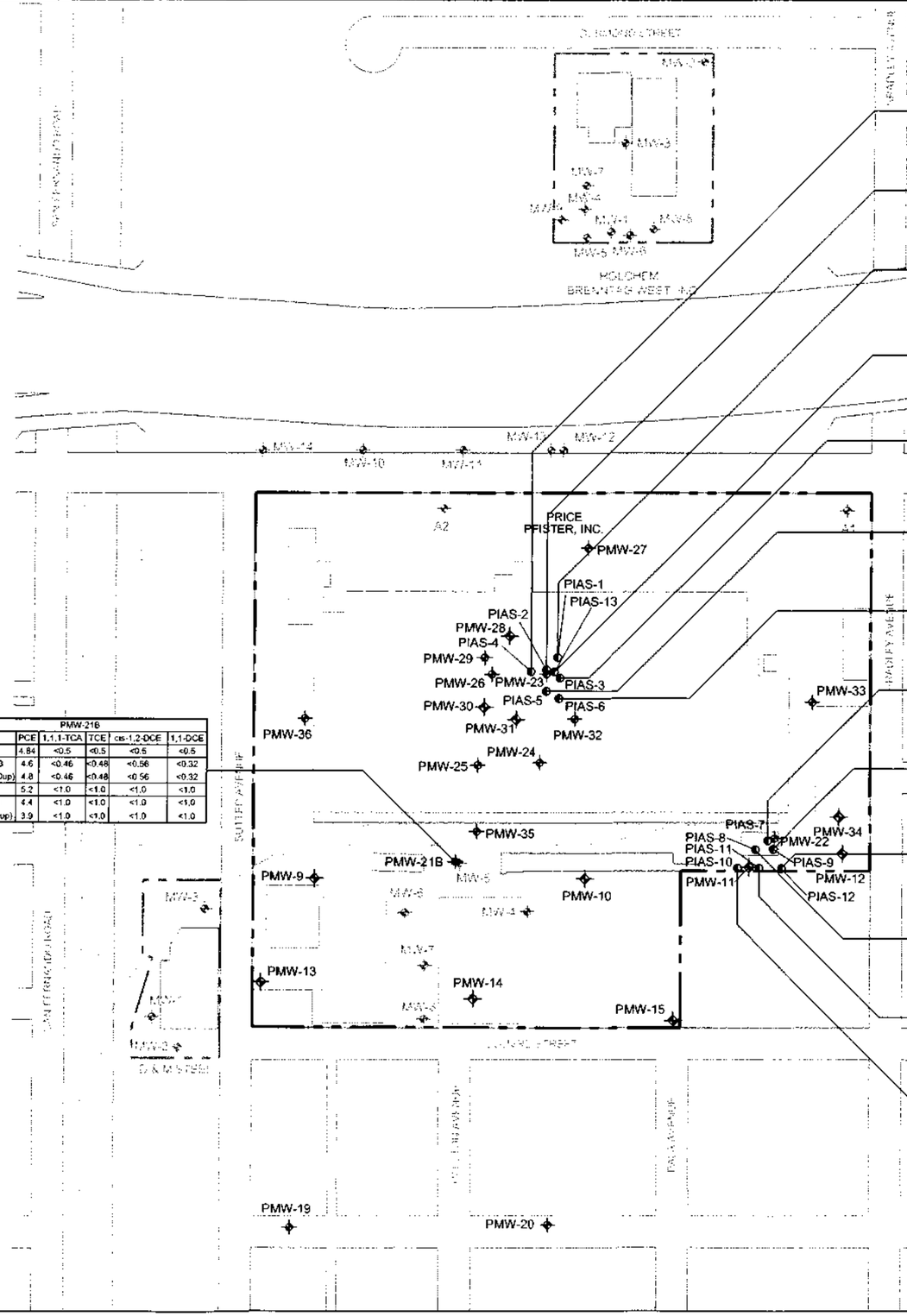
**Erler & Kalinowski, Inc.**

VOCs Detected in Groundwater Samples from Wells Screened Across the Groundwater Table

Price Pfister, Inc.
Pacoima, CA

July 2004
EKI A20034.03

Figure 5




| PMW-21B | | | | | |
|---|---|---|---|---|---|
| Date | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE |
| 8/5/2003 | 4.84 | <0.5 | <0.5 | <0.5 | <0.5 |
| 10/20/2003 | 4.6 | <0.46 | <0.48 | <0.56 | <0.32 |
| 10/20/2003 (Dup) | 4.8 | <0.46 | <0.48 | <0.56 | <0.32 |
| 2/4/2004 | 5.2 | <1.0 | <1.0 | <1.0 | <1.0 |
| 5/11/2004 | 4.4 | <1.0 | <1.0 | <1.0 | <1.0 |
| 5/11/2004 (Dup) | 3.9 | <1.0 | <1.0 | <1.0 | <1.0 |

| PIAS-4 | | | | | |
|---|---|---|---|---|---|
| Date | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE |
| 2/11/2004 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| 5/7/04 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |

| PIAS-2 | | | | | |
|---|---|---|---|---|---|
| Date | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE |
| 2/11/2004 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |

| PIAS-1 | | | | | |
|---|---|---|---|---|---|
| Date | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE |
| 2/11/2004 | 3.5 | <1.0 | <1.0 | <1.0 | <1.0 |
| 2/11/2004 (Dup) | 3.6 | <1.0 | <1.0 | <1.0 | <1.0 |
| 5/7/04 | 3.4 | <1.0 | <1.0 | <1.0 | <1.0 |

| PIAS-13 | | | | | |
|---|---|---|---|---|---|
| Date | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE |
| 2/12/2004 | 1.2 | <1.0 | <1.0 | <1.0 | <1.0 |
| 2/12/2004 (Dup) | 1.2 | <1.0 | <1.0 | <1.0 | <1.0 |
| 5/7/04 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |

| PIAS-3 | | | | | |
|---|---|---|---|---|---|
| Date | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE |
| 2/11/2004 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| 5/7/04 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |

| PIAS-5 | | | | | |
|---|---|---|---|---|---|
| Date | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE |
| 2/11/2004 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |

| PIAS-6 | | | | | |
|---|---|---|---|---|---|
| Date | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE |
| 2/11/2004 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |

| PIAS-7 | | | | | |
|---|---|---|---|---|---|
| Date | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE |
| 2/12/2004 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |

| PIAS-9 | | | | | |
|---|---|---|---|---|---|
| Date | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE |
| 2/12/2004 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |

| PIAS-12 | | | | | |
|---|---|---|---|---|---|
| Date | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE |
| 2/11/2004 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |

| PIAS-8 | | | | | |
|---|---|---|---|---|---|
| Date | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE |
| 2/10/2004 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |

| PIAS-11 | | | | | |
|---|---|---|---|---|---|
| Date | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE |
| 2/12/2004 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |

| PIAS-10 | | | | | |
|---|---|---|---|---|---|
| Date | PCE | 1,1,1-TCA | TCE | cis-1,2-DCE | 1,1-DCE |
| 2/12/2004 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| 5/7/04 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |

N

0 250 500

(Approximate Scale in Feet)

## Legend:

- Groundwater Monitoring Well
- Soil Vapor/Groundwater Monitoring Well
- In Situ Air Sparging Well
- Approximate Property Boundary
- Out-of-Service Railroad Spur

## Abbreviations:

| | | |
|---|---|---|
| PCE | = | Tetrachloroethene |
| 1,1,1-TCA | = | 1,1,1-trichloroethane |
| TCE | = | Trichloroethene |
| cis-1,2-DCE | = | cis-1,2-dichloroethene |
| 1,1-DCE | = | 1,1-dichloroethene |
| VOC | = | Volatile organic compound |
| <0.002 | = | Analyte not detected above analytical method reporting limit shown. |
| Dup | = | Duplicate sample |

## Notes:

1. All locations are approximate.
2. Analytical results are in micrograms per liter.
3. Data are posted only for monitoring wells sampled by Price Pfister.
4. For well PMW-21B, data are posted from sampling conducted since third quarter 2003.
5. Approximate depth of well screen below the groundwater table:

| Well ID | Depth (feet) |
|---|---|
| PMW-21B | 40 to 50 |
| PIAS-1 & PIAS-13 | 10 to 15 |
| PIAS-2 through PIAS-12 | 25 to 30 |

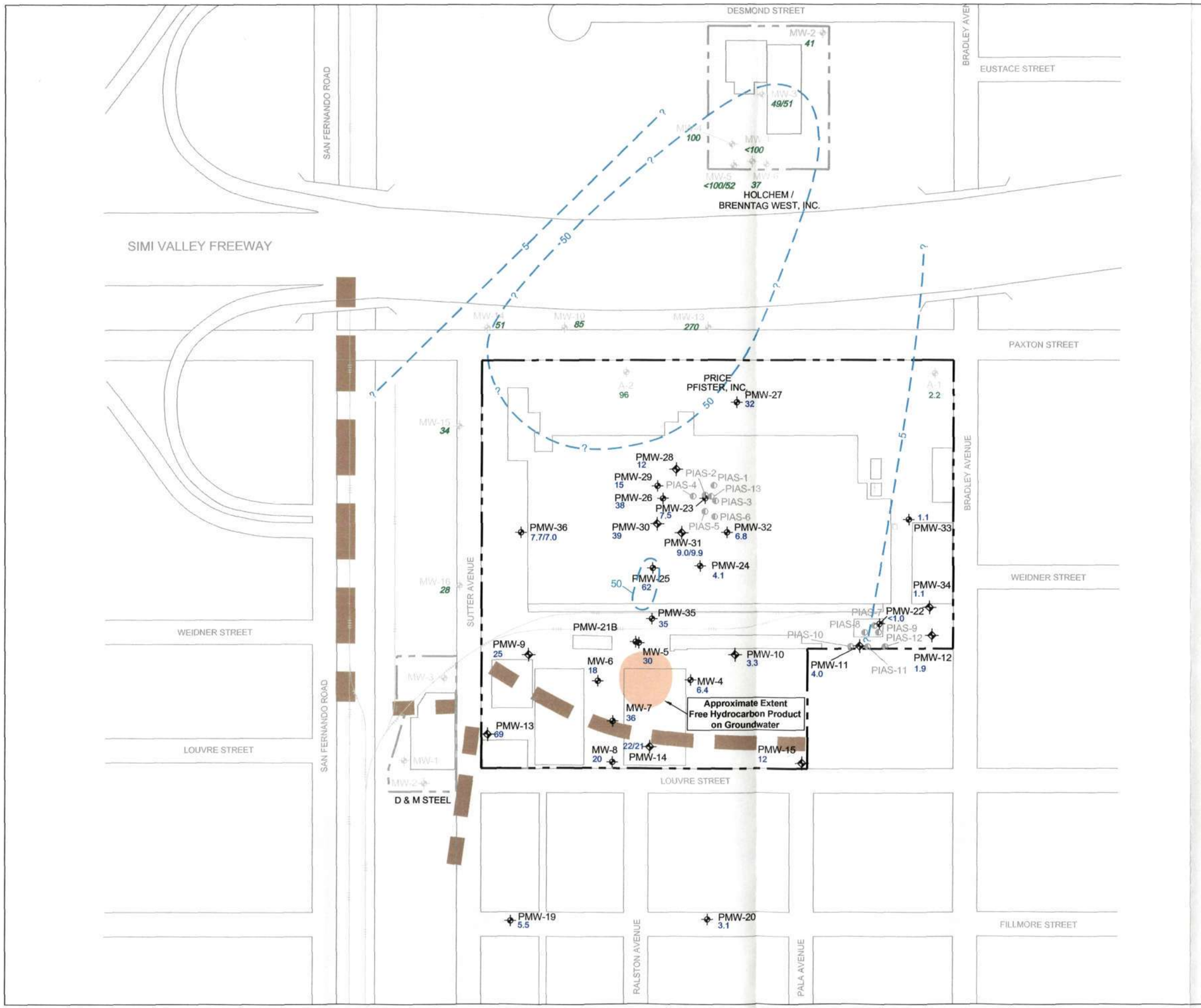
**Erler & Kalinowski, Inc.**

VOCs Detected in Groundwater Samples from Wells Screened Below the Groundwater Table

Price Pfister, Inc.
Pacoima, CA

July 2004
EKI A20034.03

Figure 6




N

0 250 500

(Approximate Scale in Feet)

## Legend:

- Groundwater Monitoring Well
- Soil Vapor / Groundwater Monitoring Well
- In Situ Air Sparging Well
- Approximate Property Boundary
- Out-of-Service Railroad Spur
- 8.0 PCE Concentration (µg/L)
- Inferred Isoconcentration Contour
- Apparent Concealed Fault Zones

## Abbreviations:

| | | |
|---|---|---|
| PCE | = | Tetrachloroethene |
| NS | = | Not Sampled |
| µg/L | = | micrograms per Liter |
| 5 µg/L | = | Drinking water maximum contaminant level |

## Notes:

1. All locations are approximate.
2. Well symbols shown in light gray font are not part of the Price Pfister monitoring program.
3. The well screen for PMW-21B is located approximately 50-feet below the groundwater table.
4. Holchem/Brenntag West, Inc. wells MW-7, MW-8, MW-9, MW-11, and MW-12 are screened below the water table.
5. Data for wells screened below the water level are not shown.
6. The PCE concentration data shown are from groundwater samples collected between 7 May to 12 May 2004. PCE concentration data shown for Holchem/ Brenntag West, Inc. wells are from the first quarter event in February 2004.

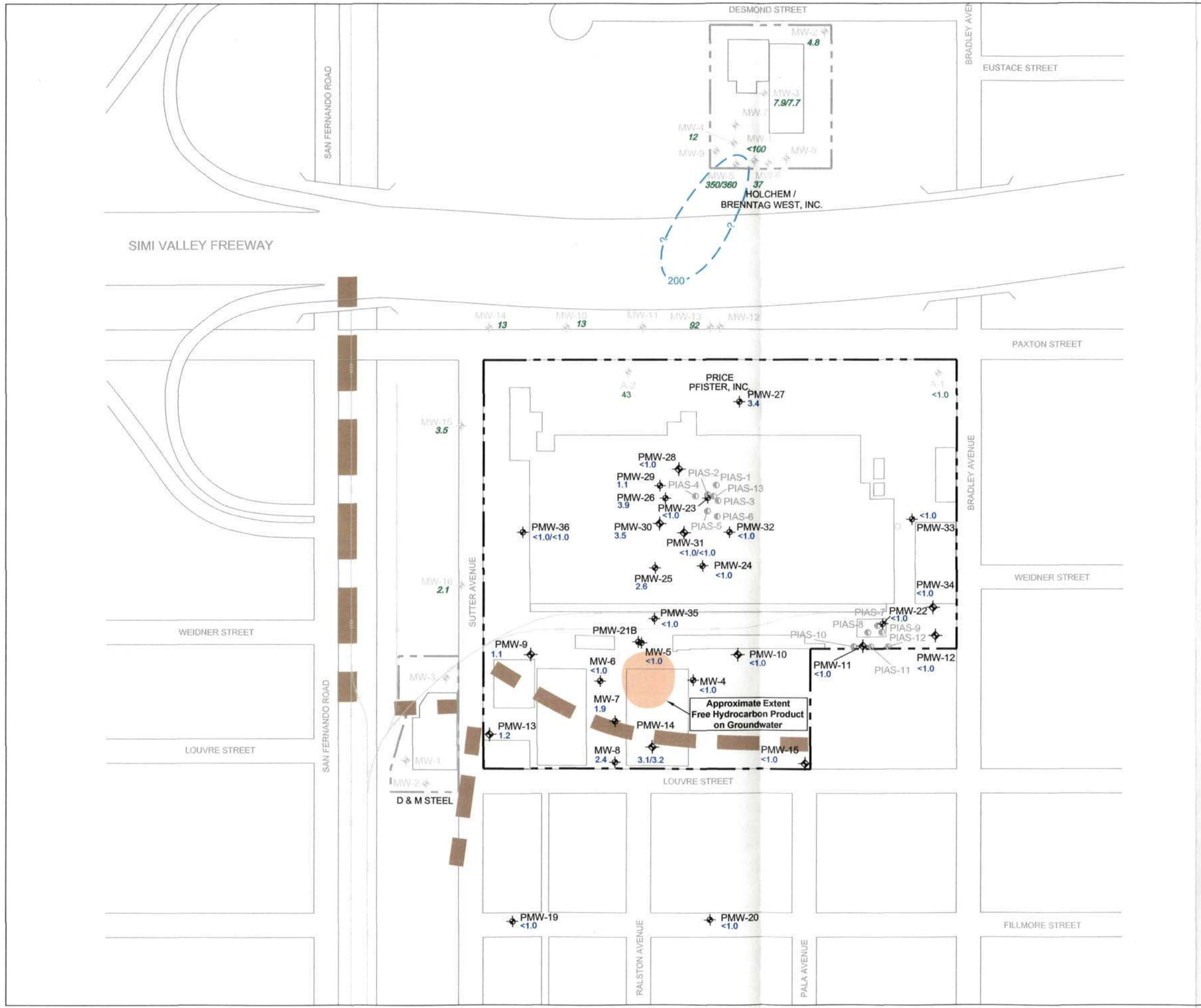
**Erler & Kalinowski, Inc.**

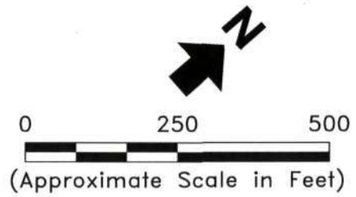
Inferred Distribution of PCE in Groundwater
May 2004

Price Pfister, Inc.
Pacoima, CA

July 2004
EKI A20034.03

Figure 7




## Legend:

- Groundwater Monitoring Well
- Soil Vapor / Groundwater Monitoring Well
- In Situ Air Sparging Well
- Approximate Property Boundary
- Out-of-Service Railroad Spur
- 8.0 — 1,1,1-TCA Concentration (µg/L)
- Inferred Isoconcentration Contour
- Apparent Concealed Fault Zones

## Abbreviations:

| | | |
|---|---|---|
| 1,1,1-TCA | = | 1,1,1-Trichloroethane |
| NS | = | Not Sampled |
| µg/L | = | micrograms per Liter |
| 200 µg/L | = | Drinking water maximum contaminant level |

## Notes:

1. All locations are approximate.
2. Well symbols shown in light gray font are not part of the Price Pfister monitoring program.
3. The well screen for PMW-21B is located approximately 50-feet below the groundwater table.
4. Holchem/Brenntag West, Inc. wells MW-7, MW-8, MW-9, MW-11, and MW-12 are screened below the water table.
5. Data for wells screened below the water level is not shown.
6. The 1,1,1-TCA concentration data shown are from groundwater samples collected between 5 May and 12 May 2004. 1,1,1-TCA concentration data shown for Holchem/Brenntag West, Inc. wells are from the first quarter event in February 2004.

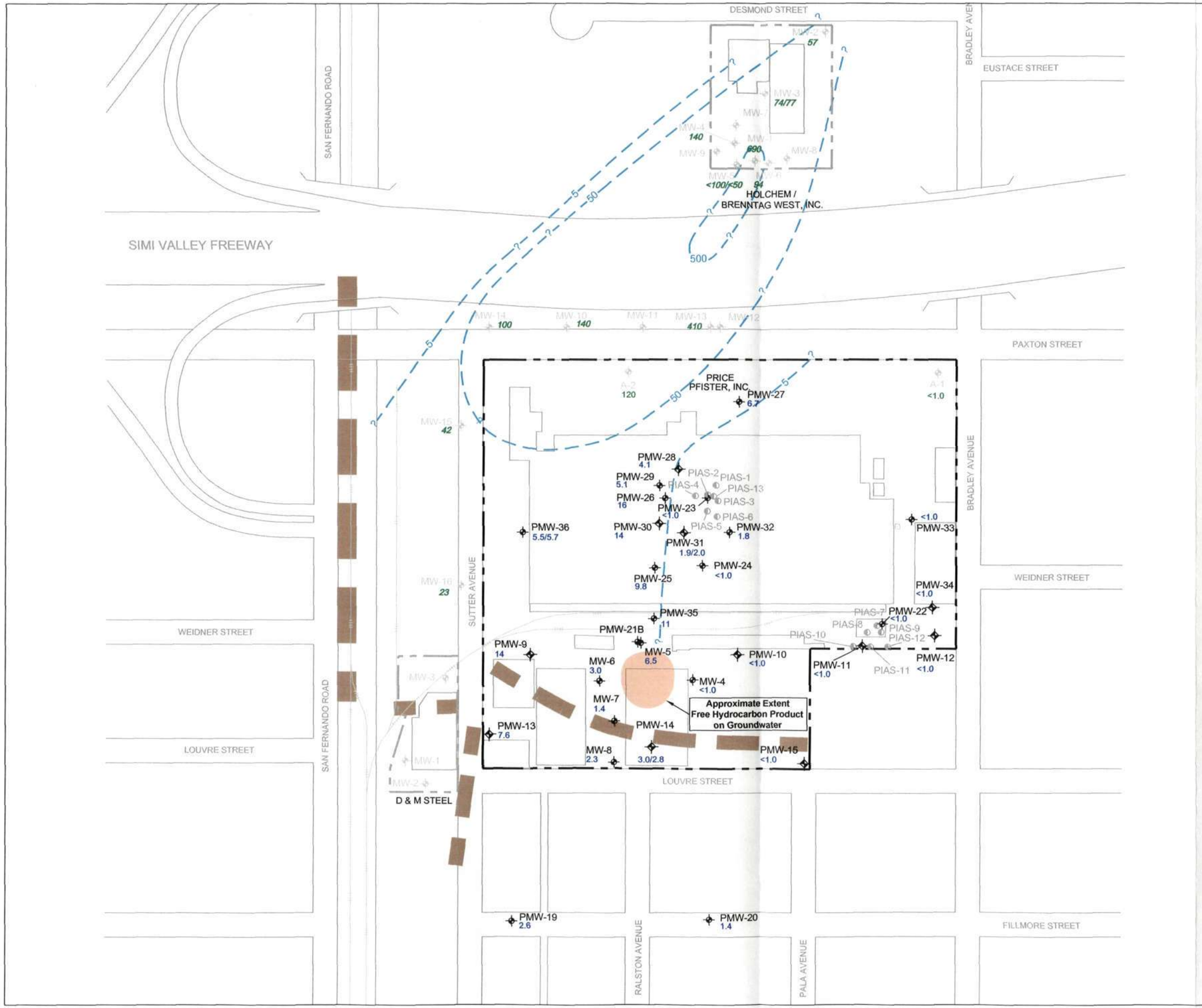
**Erler & Kalinowski, Inc.**

Inferred Distribution of 1,1,1-TCA in Groundwater
May 2004

Price Pfister, Inc.
Pacoima, CA

July 2004
EKI A20034.03

Figure 8




N

0 250 500

(Approximate Scale in Feet)

## Legend:

- Groundwater Monitoring Well
- Soil Vapor / Groundwater Monitoring Well
- In Situ Air Sparging Well
- Approximate Property Boundary
- Out-of-Service Railroad Spur
- 8.0 TCE Concentration (µg/L)
- Inferred Isoconcentration Contour
- Apparent Concealed Fault Zones

## Abbreviations:

| | | |
|---|---|---|
| TCE | = | Trichloroethene |
| NS | = | Not Sampled |
| µg/L | = | micrograms per Liter |
| 5 µg/L | = | Drinking water maximum contaminant level |

## Notes:

1. All locations are approximate.
2. Well symbols shown in light gray font are not part of the Price Pfister monitoring program.
3. The well screen for PMW-21B is located approximately 50-feet below the groundwater table.
4. Holchem/Brenntag West, Inc. wells MW-7, MW-8, MW-9, MW-11, and MW-12 are screened below the water table.
5. Data for wells screened below the water level is not shown.
6. The TCE concentration data shown are from groundwater samples collected between 7 May and 12 May 2004. TCE concentration data shown for Holchem/ Brenntag West, Inc. wells are from the first quarter event in February 2004.

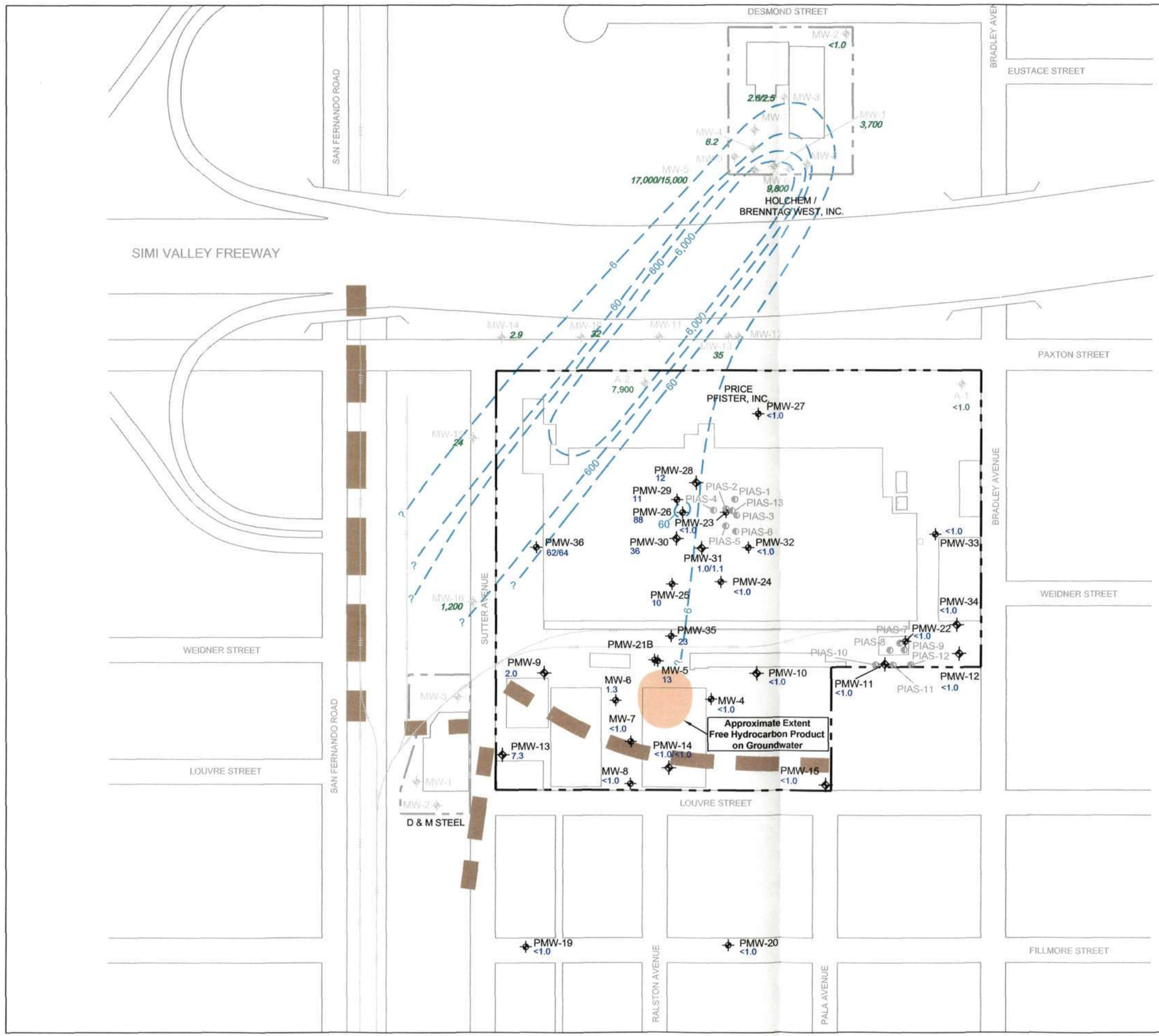
**Erler & Kalinowski, Inc.**

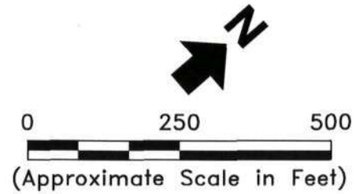
Inferred Distribution of TCE in Groundwater
May 2004

Price Pfister, Inc.
Pacoima, CA

July 2004
EKI A20034.03

Figure 9




## Legend:

- Groundwater Monitoring Well
- Soil Vapor / Groundwater Monitoring Well
- In Situ Air Sparging Well
- Approximate Property Boundary
- Out-of-Service Railroad Spur
- 8.0 cis-1,2-DCE Concentration (µg/L)
- Inferred Isoconcentration Contour
- Apparent Concealed Fault Zones

## Abbreviations:

| | | |
|---|---|---|
| cis-1,2-DCE | = | cis-1,2-Dichloroethene |
| NS | = | Not Sampled |
| µg/L | = | micrograms per Liter |
| 6 µg/L | = | Drinking water maximum contaminant level |

## Notes:

1. All locations are approximate.
2. Well symbols shown in light gray font are not part of the Price Pfister monitoring program.
3. The well screen for PMW-21B is located approximately 50-feet below the groundwater table.
4. Holchem/Brenntag West, Inc. wells MW-7, MW-8, MW-9, MW-11, and MW-12 are screened below the water table.
5. Data for wells screened below the water level is not shown.
6. The cis-1,2-DCE concentration data shown are from groundwater samples collected between 7 May and 12 May 2004. cis-1,2-DCE concentration data shown for Holchem/Brenntag West, Inc. wells are from the first quarter event in February 2004.

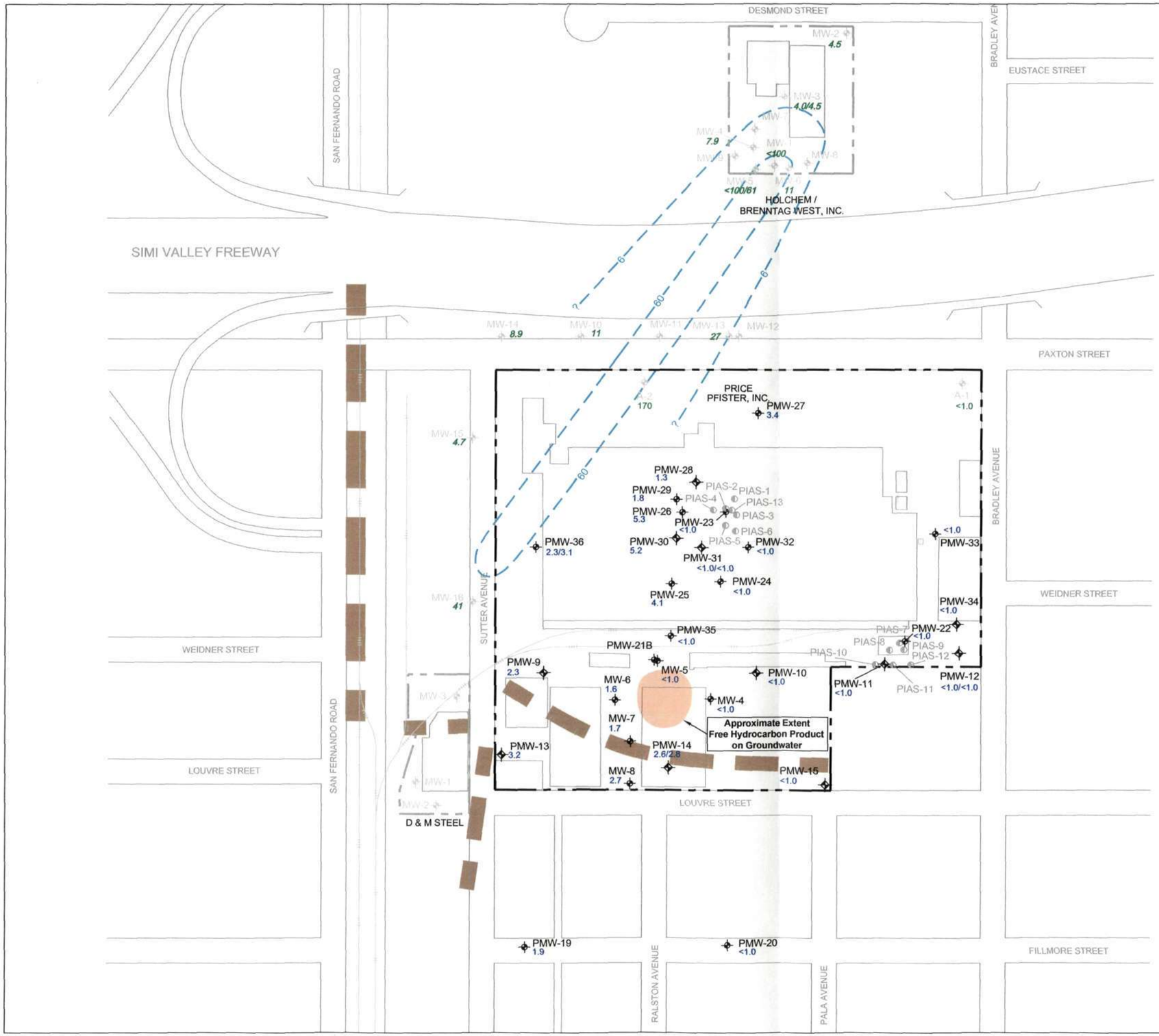
**Erler & Kalinowski, Inc.**

Inferred Distribution of cis-1,2-DCE in Groundwater
May 2004

Price Pfister, Inc.
Pacoima, CA

July 2004
EKI A20034.03

Figure 10




N

0 250 500

(Approximate Scale in Feet)

## Legend:

- Groundwater Monitoring Well
- Soil Vapor / Groundwater Monitoring Well
- In Situ Air Sparging Well
- Approximate Property Boundary
- Out-of-Service Railroad Spur
- 8.0 — 1,1-DCE Concentration (µg/L)
- Inferred Isoconcentration Contour
- Apparent Concealed Fault Zones

## Abbreviations:

| | | |
|---|---|---|
| 1,1-DCE | = | 1,1-dichloroethene |
| NS | = | Not Sampled |
| µg/L | = | micrograms per Liter |
| 6 µg/L | = | Drinking water maximum contaminant level |

## Notes:

1. All locations are approximate.
2. Well symbols shown in light gray font are not part of the Price Pfister monitoring program.
3. The well screen for PMW-21B is located approximately 50-feet below the groundwater table.
4. Holchem/Brenntag West, Inc. wells MW-7, MW-8, MW-9, MW-11, and MW-12 are screened below the water table.
5. Data for wells screened below the water level is not shown.
6. The 1,1-DCE concentration data shown are from groundwater samples collected between 7 May and 12 May 2004. 1,1-DCE concentration data shown for Holchem/Brenntag West, Inc. wells are from the first quarter event in February 2004.

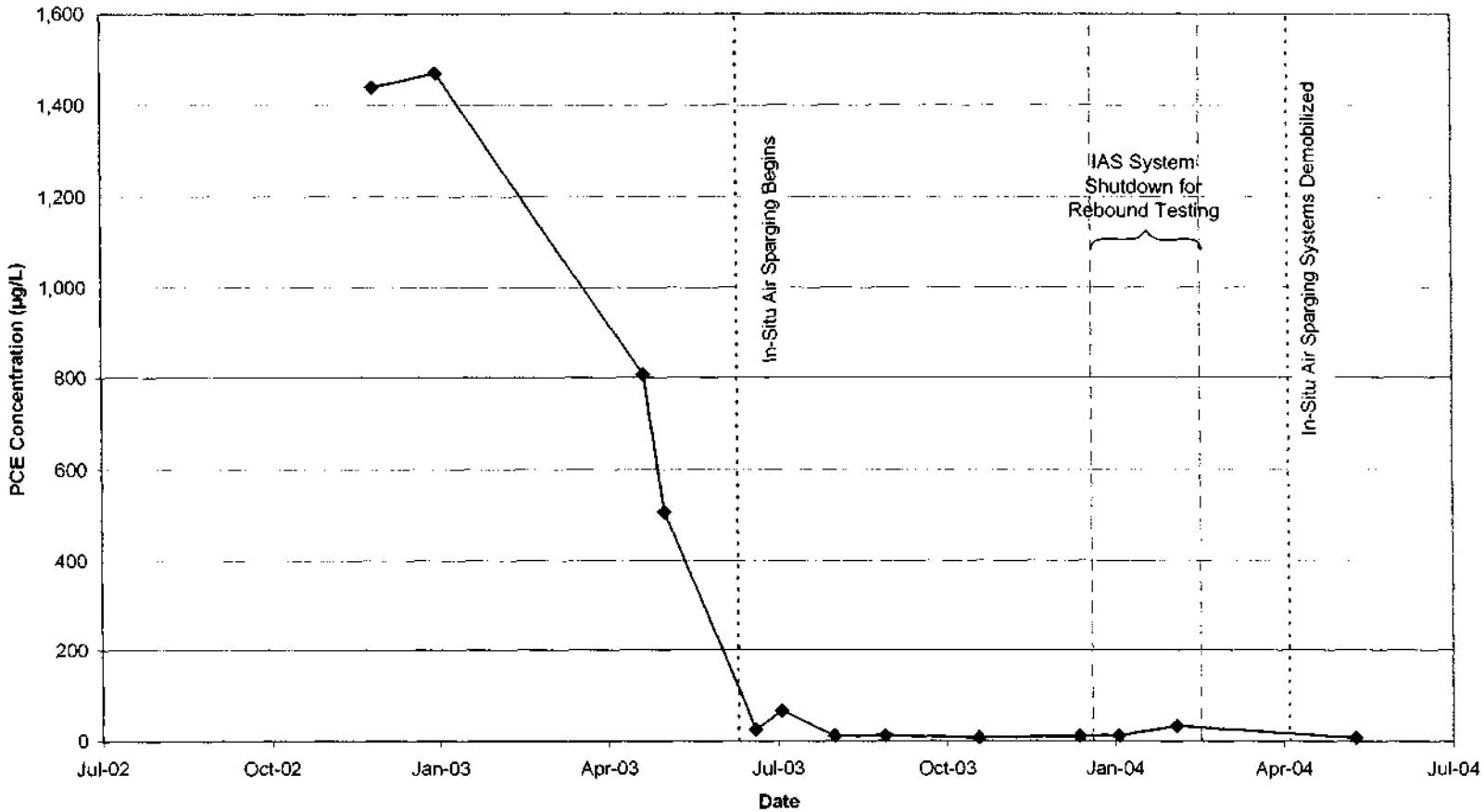
**Erler & Kalinowski, Inc.**

Inferred Distribution of 1,1-DCE in Groundwater
May 2004

Price Pfister, Inc.
Pacoima, CA

July 2004
EKI A20034.03

Figure 11

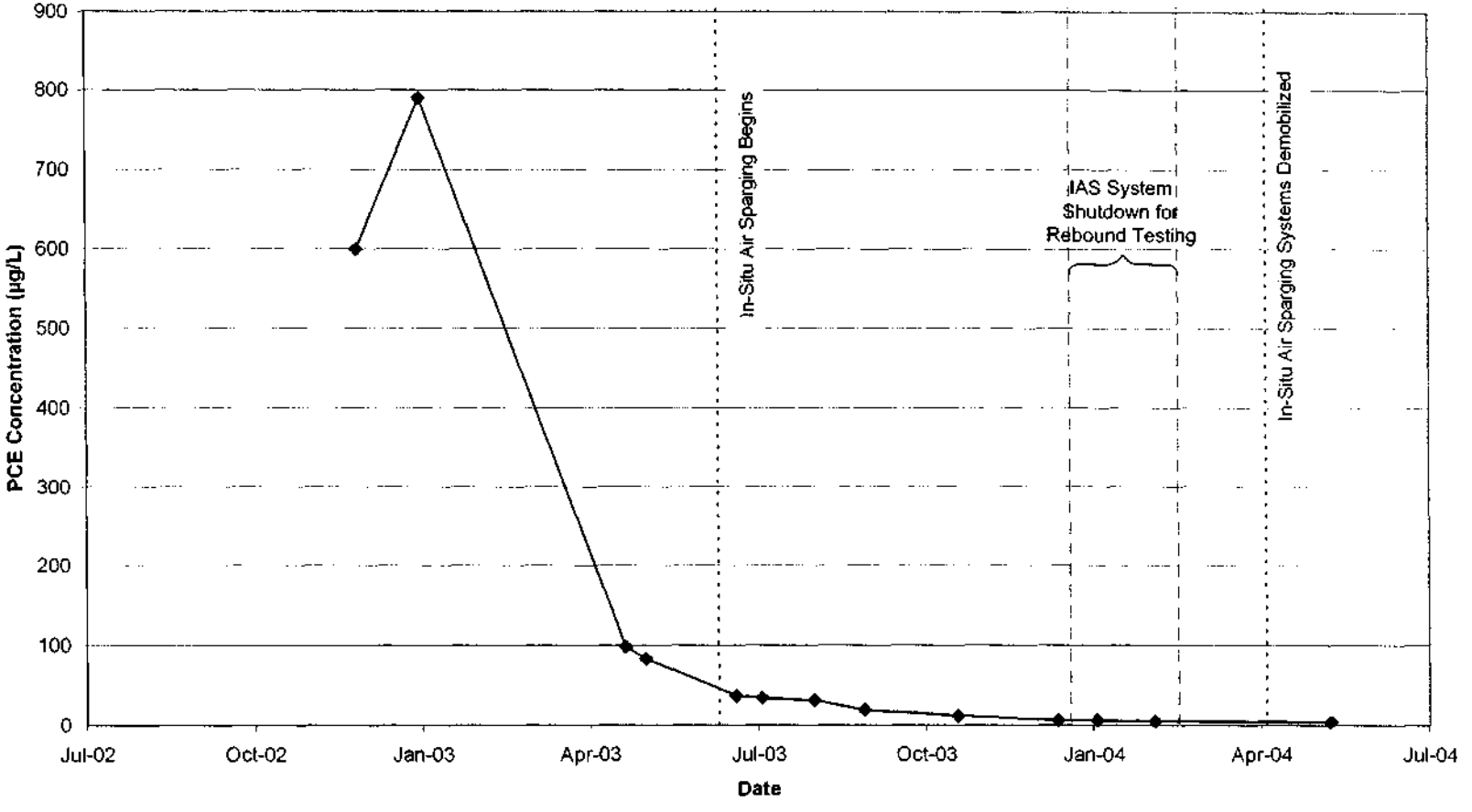



**Erler & Kalinowski, Inc.**

PCE Concentrations Detected in Groundwater at PMW-23

Price Pfister, Inc.
Pacoima, CA
July 2004
EKI A20034.03

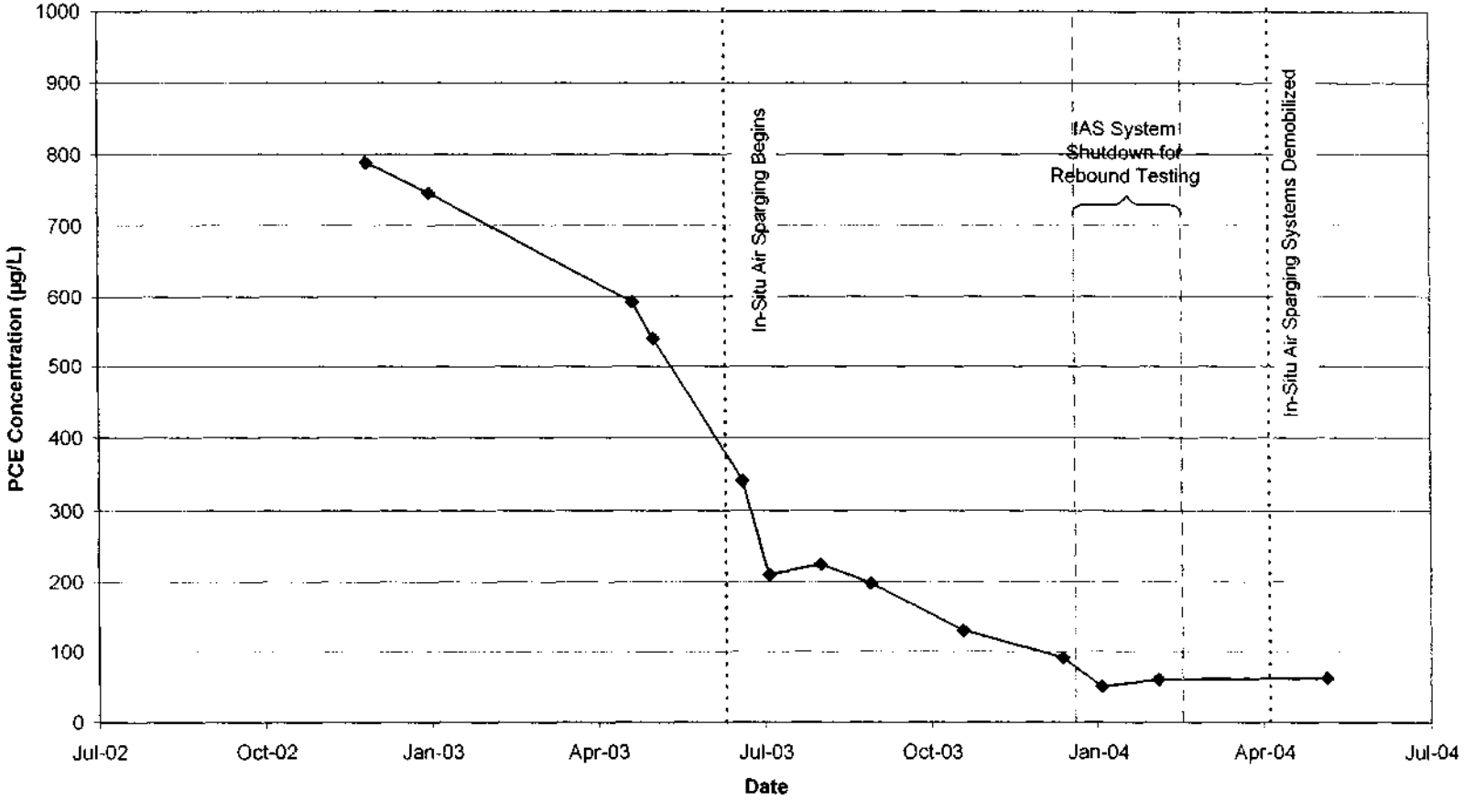
Figure 12




**Erler & Kalinowski, Inc.**

PCE Concentrations Detected in Groundwater at PMW-24

Price Pfister, Inc.
Pacoima, CA
July 2004
EKI A20034.03
Figure 13

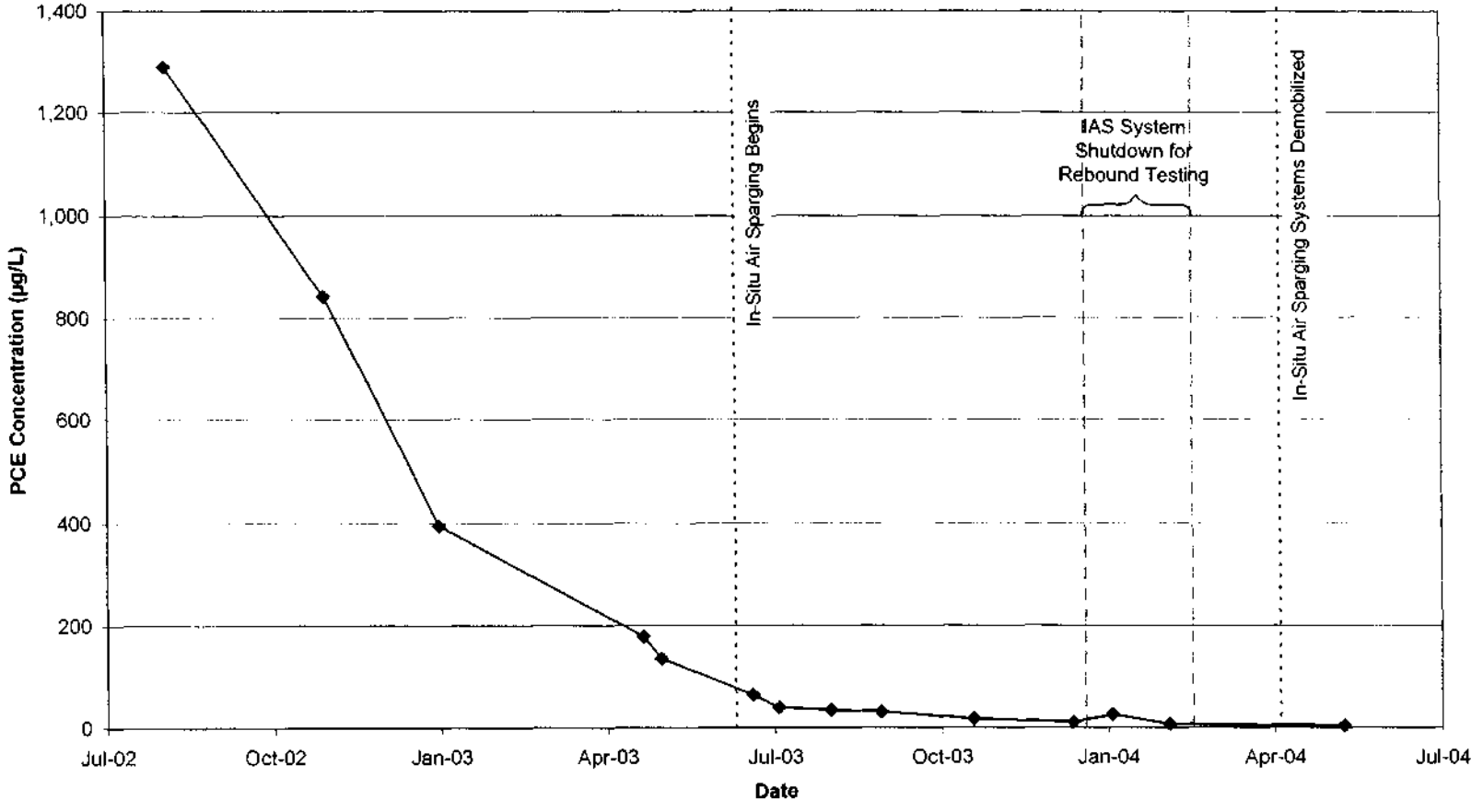



**Erler & Kalinowski, Inc.**

PCE Concentrations Detected in Groundwater at PMW-25

Price Pfister, Inc.
Pacoima, CA
July 2004
EKI A20034.03

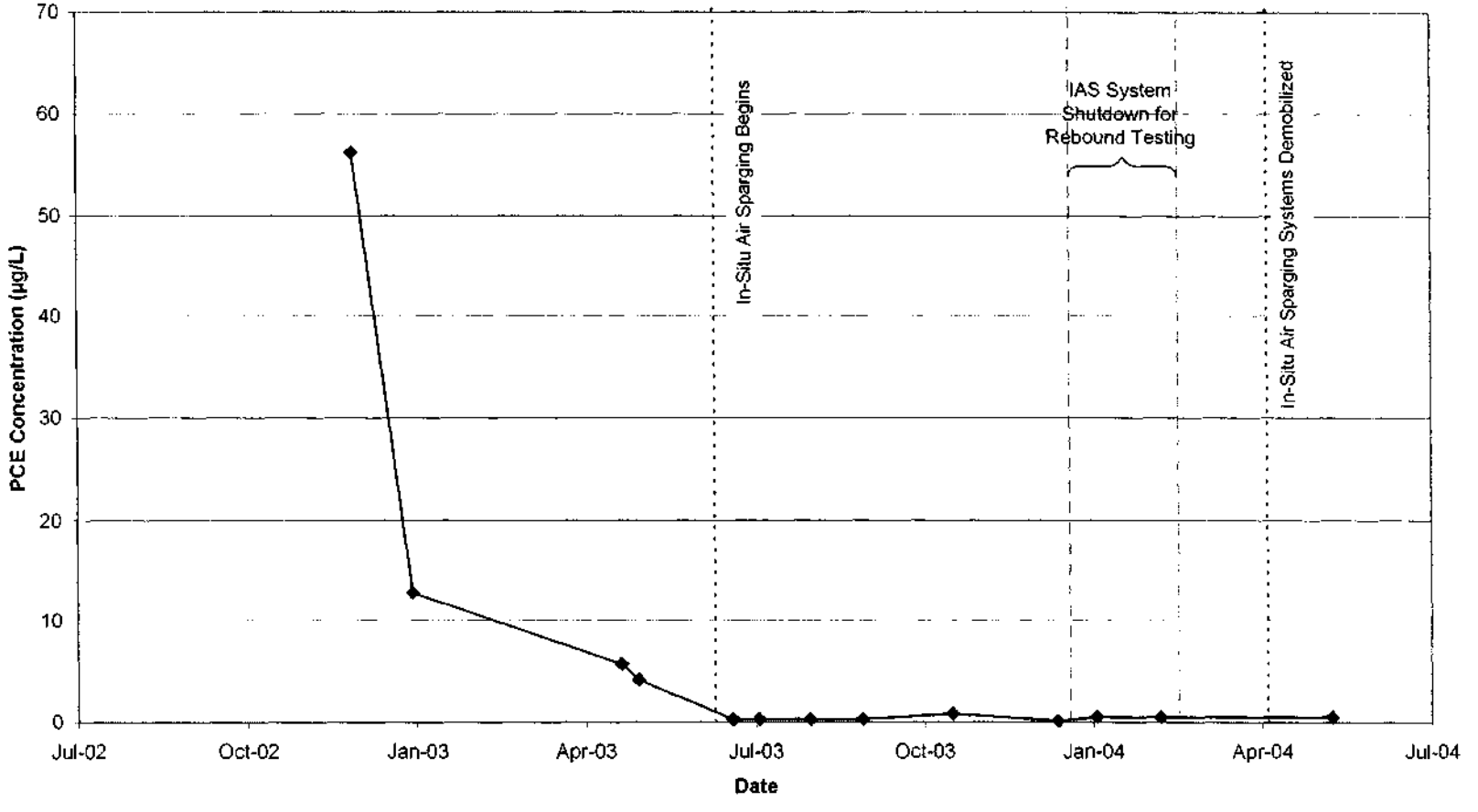
Figure 14




**Erler & Kalinowski, Inc.**

PCE Concentrations Detected in Groundwater at PMW-11

Price Pfister, Inc.
Pacoima, CA
July 2004
EKI A20034.03
Figure 15




**Erler & Kalinowski, Inc.**

PCE Concentrations Detected in Groundwater at PMW-22

Price Pfister, Inc.
Pacoima, CA
July 2004
EKI A20034.03
Figure 16

[Insert oversized map: **Figure 17**, PCE Soil Gas Concentration Contours with Depth – dated July 2004]

[Insert oversized map: **Figure 18**, Distribution of PCE in Soil Gas and Groundwater – dated July 2004]

# APPENDIX A

# WELL GAUGING AND PURGE FORMS

# WELL GAUGING DATA

Project # 040426-MG.1 Date 4/26/04 Client EKI

Site EKI @ Price Pfister - Pacoima

| Well ID | Well Size (in.) | Sheen / Odor | Depth to Immiscible Liquid (ft.) | Thickness of Immiscible Liquid (ft.) | Volume of Immiscibles Removed (ml) | Depth to water (ft.) | Depth to well bottom (ft.) | Survey Point: TOB or TOC | Time |
|---|---|---|---|---|---|---|---|---|---|
| A-1 | 2 | (gauged w/ tubing in well) | | | | 71.30 | | TOC | 1021 |
| A-2 | 2 | (gauged w/ tubing in well) | | | | 62.39 | | | 1030 |
| PMW-27 | 2 | | (QED) | | | 67.17 | | | 1041 |
| PMW-25 | 2 | | (QED) | | | 62.19 | | | 1056 |
| PMW-24 | 2 | | (QED) | | | 62.32 | | | 1102 |
| PMW-32 | 2 | | (QED) | | | 62.25 | | | 1114 |
| PMW-23 | 2 | | (QED) | | | 62.17 | | | 1118 |
| PMW-28 | 2 | | (QED) | | | 61.81 | | | 1123 |
| PMW-31 | 2 | | (QED) | | | 62.21 | | | 1127 |
| PMW-30 | 2 | | (QED) | | | 62.02 | | | 1131 |
| PMW-26 | 2 | | (QED) | | | 61.95 | | | 1135 |
| PMW-29 | 2 | | (QED) | | | 61.82 | | | 1139 |
| PIAS-1 | 2 | | | | | 62.08 | | | 1202 |
| PIAS-4 | 2 | | | | | 62.17 | | | 1206 |
| PIAS-3 | 2 | | | | | 61.95 | | | 1209 |
| PIAS-13 | 2 | | | | | 62.02 | | | 1213 |
| PMW-33 | 2 | | (QED) | | | 63.28 | | | 1222 |

# WELL GAUGING DATA

Project # 040426-HG.1 Date 4/26/04 Client EKI

Site Price Pfister - Pacsima

| Well ID | Well Size (in.) | Sheen / Odor | Depth to Immiscible Liquid (ft.) | Thickness of Immiscible Liquid (ft.) | Volume of Immiscibles Removed (ml) | Depth to water (ft.) | Depth to well bottom (ft.) | Survey Point: TOB or TOC | Time |
|---|---|---|---|---|---|---|---|---|---|
| PMW-34 | 2 | | (QED) | | | 63.79 | | TOC | 1230 |
| PMW-12 | 2 | | (QED) | | | 63.70 | | | 1233 |
| PMW-11 | 2 | | (QED) | | | 58.87 | | | 1238 |
| PIAS-10 | 2 | | | | | 59.10 | | | 1242 |
| PMW-22 | 2 | | (QED) | | | 61.70 | | | 1247 |
| PMW-35 | 2 | | (QED) | | | 57.95 | | | 1253 |
| PMW-21B | 4 | | (QED) | | | 56.35 | | | 1259 |
| MW-5 | 4 | | (QED) | | | 56.40 | | | 1303 |
| PMW-14 | 4 | | (QED) | | | 72.49 | | | 1309 |
| MW-6 | 4 | | (QED) | | | 54.85 | | | 1315 |
| MW-7 | 4 | | (QED) | | | 55.43 | | | 1318 |
| PMW-13 | 2 | | (QED) | | | 69.49 | | | 1432 |
| PMW-9 | 2 | | (QED) | | | 54.53 | | | 1326 |
| PMW-36 | 2 | | (QED) | | | 56.90 | | | 1332 |
| PMW-20 | 4 | | (QED) | | | 68.30 | | | 1342 |
| PMW-19 | 4 | | (QED) | | | 65.95 | | | 1347 |
| MW-8 | 4 | | (QED) | | | 69.20 | | | 1356 |

# WELL GAUGING DATA

Project # 040426-MG-1 Date 4/26/04 Client EKI

Site Price Pfister - Pacoima

| Well ID | Well Size (in.) | Sheen / Odor | Depth to Immiscible Liquid (ft.) | Thickness of Immiscible Liquid (ft.) | Volume of Immiscibles Removed (ml) | Depth to water (ft.) | Depth to well bottom (ft.) | Survey Point: TOB or TOC | Time |
|---|---|---|---|---|---|---|---|---|---|
| PMW-10 | 2 | | (QED) | | | 59.40 | | TOC | 1410 |
| MW-4 | 4 | | (QED) | | | 57.72 | | ↓ | 1419 |
| PMW-15 | 2 | | (QED) | | | 73.13 | | ↓ | 1424 |
| | | | | | | | | | |
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# LOW FLOW WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 040507.5w.1 | Client: EKI @ Pricepfister |
| Sampler: JK | Start Date: 5-7-04 |
| Well I.D.: ~~[illegible]~~ MW-4 | Well Diameter: 2 3 4 6 8 ____ |
| Total Well Depth: | Depth to Water Pre: 57.82 Post: 57.82 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: PVC Grade | Flow Cell Type: YSI556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump

Sampling Method: Dedicated Tubing New Tubing Other_____

Flow Rate: 500mL/min Pump Depth: Y

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | DTW ~~Observations~~ |
|---|---|---|---|---|---|---|---|---|
| 1151 | Begin purge | | | | | | | |
| 1154 | 22.72 | 7.15 | 980 | 12 | 4.98 | -12.9 | 1500 | 57.95 |
| 1157 | 21.85 | 7.20 | 969 | 10 | 5.31 | -9.2 | 3000 | 57.85 |
| 1200 | 21.77 | 7.23 | 967 | 7 | 5.40 | -13.7 | 4500 | - |
| 1203 | 21.73 | 7.24 | 966 | 6 | 5.33 | -18.4 | 6000 | 57.86 |
| 1206 | 21.75 | 7.26 | 966 | 6 | 5.34 | -22.0 | 7500 | 57.86 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

| | |
|---|---|
| Did well dewater? Yes No | Amount actually evacuated: 7500mL |
| Sampling Time: 1220 | Sampling Date: 5-11-04 |
| Sample I.D.: MW-4 | Laboratory: calscience |
| Analyzed for: TPH-G BTEX MTBE TPH-D | Other: |
| Equipment Blank I.D.: @ Time | Duplicate I.D.: |

# LOW FLOW WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 040507.Tw.1 | Client: B&I @ Price Pfister |
| Sampler: JK | Start Date: 5-7-04 |
| Well I.D.: MW-5 | Well Diameter: 2 3 (4) 6 8 ___ |
| Total Well Depth: | Depth to Water Pre: 56.41 Post: 56.43 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: (PVC) Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump (Bladder Pump)
Sampling Method: (Dedicated) Tubing New Tubing Other ___

Flow Rate: 400 mL/min Pump Depth: ___

| Time | Temp. (°C or °F) | pH | Cond. (mS or (µS)) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or (mL)) | Observations |
|---|---|---|---|---|---|---|---|---|
| 1221 | begin purge | | | | | | | |
| 1224 | 25.03 | 7.10 | 1058 | 4 | 6.03 | -24.6 | 1200 mL | |
| 1227 | 23.56 | 7.10 | 1002 | 4 | 6.13 | -17.1 | 2400 | 56.42 |
| 1230 | 23.28 | 7.10 | 990 | 3 | 6.22 | -20.3 | 3600 | - |
| 1233 | 23.23 | 7.12 | 988 | 3 | 6.27 | -24.7 | 4800 | 56.42 |
| 1236 | 23.17 | 7.15 | 986 | 3 | 6.41 | -29.2 | 6000 | - |
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|---|---|
| Did well dewater? Yes (No) | Amount actually evacuated: 6000 mL |
| Sampling Time: 1250 | Sampling Date: 5-12-04 |
| Sample I.D.: MW-5 | Laboratory: Calscience |
| Analyzed for: TPH-G BTEX MTBE TPH-D | Other: |
| Equipment Blank I.D.: @ Time | Duplicate I.D.: |

# LOW FLOW WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 040507.J-1 | Client: ESI @ Price Foster |
| Sampler: JK | Start Date: 5-7-04 |
| Well I.D.: MW-6 | Well Diameter: 2 3 (4) 6 8 ____ |
| Total Well Depth: | Depth to Water Pre: 54.97 Post: 55.04 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: (PVC) Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
Sampling Method: Dedicated Tubing New Tubing Other ____

Flow Rate: 400 mL/min Pump Depth: ____

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | DTW Observations |
|---|---|---|---|---|---|---|---|---|
| 1133 | begin purge | | | | | | | |
| 1136 | 23.33 | 7.23 | 1039 | 2 | 6.38 | -14.6 | 1200 | 55.13 |
| 1139 | 22.49 | 7.14 | 1025 | 2 | 5.50 | -14.2 | 2400 | 55.16 |
| 1142 | 22.40 | 7.10 | 1024 | 2 | 5.21 | -18.4 | 3600 | 55.09 |
| 1145 | 22.32 | 7.09 | 1022 | 2 | 5.07 | -23.1 | 4800 | 55.09 |
| 1148 | 22.32 | 7.10 | 1023 | 2 | 5.08 | -25.4 | 6000 | 55.04 |
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Did well dewater? Yes (No) Amount actually evacuated: 6000 mL

Sampling Time: 1205 Sampling Date: 5-12-04

Sample I.D.: ~~[illegible]~~ MW-6 Laboratory: Calscience

Analyzed for: TPH-G BTEX MTBE TPH-D (Other) See S.O.W.

Equipment Blank I.D.: @ Time Duplicate I.D.:

# LOW FLOW WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 040507.Tw-1 | Client: EKI @ Price Pfister |
| Sampler: SK | Start Date: 5-7-04 |
| Well I.D.: MW-7 | Well Diameter: (2) 3 4 6 8 ____ |
| Total Well Depth: | Depth to Water Pre: 55.46 Post: 55.46 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: (PVC) Grade | Flow Cell Type: YSI556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump

Sampling Method: Dedicated Tubing New Tubing Other_____

Flow Rate: 400 ml/min Pump Depth:_____

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Observations |
|---|---|---|---|---|---|---|---|---|
| 1029 | begin purge | | | | | | | |
| 1032 | 23.93 | 6.97 | 1038 | 12 | 3.67 | -7.9 | 1200 | 55.47 |
| 1035 | 22.70 | 7.18 | 999 | 4 | 5.99 | -5.4 | 2400 | - |
| 1038 | 22.59 | 7.27 | 991 | 3 | 5.98 | -9.1 | 3600 | 55.47 |
| 1041 | 22.59 | 7.30 | 990 | 3 | 5.81 | -11.6 | 4800 | - |
| 1044 | 22.57 | 7.29 | 990 | 3 | 5.99 | -12.7 | 6000 | 55.47 |
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|---|---|
| Did well dewater? Yes (No) | Amount actually evacuated: 6000 mL |
| Sampling Time: 1100 | Sampling Date: 5-11-04 |
| Sample I.D.: MW-7 | Laboratory: Calscience |
| Analyzed for: TPH-G BTEX MTBE TPH-D | Other: |
| Equipment Blank I.D.: @ Time | Duplicate I.D.: |

# LOW FLOW WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 040507.JW-1 | Client: EKI@ Price Pfister |
| Sampler: JK | Start Date: 5-7-04 |
| Well I.D.: MW-8 | Well Diameter: 2 3 4 6 8 ____ |
| Total Well Depth: — | Depth to Water Pre: 70.09 Post: 70.10 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: PVC Grade | Flow Cell Type: YSI556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
Sampling Method: Dedicated Tubing New Tubing Other_____

Flow Rate: 300mL/min Pump Depth:_____

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | DTW ~~Observations~~ |
|---|---|---|---|---|---|---|---|---|
| 0940 | begin | purge | | | | | | |
| 0943 | 23.51 | 7.30 | 1033 | 10 | 4.76 | -12.1 | 900 | 70.10 |
| 0946 | 22.37 | 7.40 | 1010 | 15 | 5.10 | -7.4 | 1800 | - |
| 0949 | 22.20 | 7.40 | 1006 | 13 | 4.91 | -10.4 | 2700 | 70.11 |
| 0952 | 22.17 | 7.43 | 1005 | 12 | 5.00 | -13.1 | 3600 | - |
| 0955 | 22.15 | 7.42 | 1006 | 12 | 4.83 | -14.0 | 4500 | 70.11 |
| | | | | | | | | |
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|---|---|
| Did well dewater? Yes No | Amount actually evacuated: 4500mL |
| Sampling Time: 1008 | Sampling Date: 5-11-04 |
| Sample I.D.: MW-8 | Laboratory: calscience |
| Analyzed for: TPH-G BTEX MTBE TPH-D | Other: |
| Equipment Blank I.D.: @ Time | Duplicate I.D.: |

# LOW FLOW WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 040507.5-1 | Client: E/SL @ Price Pfister |
| Sampler: SK | Start Date: 5-7-04 |
| Well I.D.: PMW-9 | Well Diameter: (2) 3 4 6 8 ____ |
| Total Well Depth: ~~[illegible]~~ | Depth to Water Pre: 54.61 Post: 54.65 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: (PVC) Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump (Bladder Pump)
Sampling Method: (Dedicated Tubing) New Tubing Other_____

Flow Rate: 450 mL/min Pump Depth:_____

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | DTW ~~Observations~~ |
|---|---|---|---|---|---|---|---|---|
| 1507 | begin purge | | | | | | | |
| 1510 | 22.73 | 7.13 | 1066 | 41 | 5.13 | -9.0 | 1350 | |
| 1513 | 22.13 | 6.89 | 1055 | 25 | 4.22 | -19.9 | 2700 | 54.66 |
| 1516 | 21.95 | 6.78 | 1052 | 18 | 3.73 | -32.6 | 4050 | - |
| 1519 | 21.92 | 6.78 | 1050 | 12 | 3.65 | -37.9 | 5400 | - |
| 1522 | 21.92 | 6.79 | 1050 | 8 | 3.69 | -41.6 | 6750 | 54.65 |
| 1525 | 21.94 | 6.79 | 1050 | 7 | 3.77 | -44.5 | 7100 | - |
| 1528 | 21.92 | 6.78 | 1050 | 7 | 3.69 | -46.2 | 8450 mL | 54.65 |
| | | | | | | | | |
| | | | | | | | | |
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| | |
|---|---|
| Did well dewater? Yes (No) | Amount actually evacuated: 8450 mL |
| Sampling Time: 1545 | Sampling Date: 5-11-04 |
| Sample I.D.: PMW-9 | Laboratory: Calscience |
| Analyzed for: TPH-G BTEX MTBE TPH-D | Other: |
| Equipment Blank I.D.: @ Time | Duplicate I.D.: |

# LOW FLOW WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 040507.JW.1 | Client: EKI @ Price Pfister |
| Sampler: JK | Start Date: 5-7-04 |
| Well I.D.: PMW-10 | Well Diameter: (2) 3 4 6 8 ___ |
| Total Well Depth: | Depth to Water Pre: 59.51 Post: 59.51 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: (PVC) Grade | Flow Cell Type: YSI556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump (Bladder Pump)
Sampling Method: (Dedicated Tubing) New Tubing Other ___

Flow Rate: 400 mL/min Pump Depth: ___

| Time | Temp. (°C or °F) | pH | Cond. (mS or (µS)) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or (mL)) | DTW ~~Observations~~ |
|---|---|---|---|---|---|---|---|---|
| 1234 | begin | purge | | | | | 1200 | |
| 1237 | 23.38 | 7.41 | 946 | 34 | 5.85 | -37.0 | 1200 | 59.52 |
| 1240 | 22.25 | 7.36 | 930 | 252 | 5.49 | -35.5 | 2400 | - |
| 1243 | 22.11 | 7.33 | 927 | 134 | 5.33 | -41.7 | 3600 | 59.52 |
| 1246 | 22.03 | 7.32 | 926 | 52 | 5.40 | -46.1 | 4800 | - |
| 1249 | 22.02 | 7.31 | 927 | 26 | 5.28 | -47.0 | 6000 | 59.52 |
| 1252 | 22.02 | 7.30 | 929 | 16 | 5.27 | -46.3 | 7200 | - |
| 1255 | 22.02 | 7.31 | 930 | 11 | 5.31 | -45.0 | 8400 | 59.52 |
| 1258 | 22.02 | 7.29 | 932 | 10 | 5.25 | -44.9 | 9600 | - |
| 1301 | 22.02 | 7.30 | 933 | 9 | 5.33 | -44.5 | 10,800 | 59.52 |
| | | | | | | | | |

| | |
|---|---|
| Did well dewater? Yes (No) | Amount actually evacuated: 10,800 |
| Sampling Time: 1310 | Sampling Date: 5-11-04 |
| Sample I.D.: PMW-10 | Laboratory: Calscience |
| Analyzed for: TPH-G BTEX MTBE TPH-D | (Other) see S.O.W. |
| Equipment Blank I.D.: @ Time | Duplicate I.D.: |

# LOW FLOW WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 040507.JW.1 | Client: EKI @ Price Pfister |
| Sampler: JK | Start Date: 5-7-04 |
| Well I.D.: PMW-11 | Well Diameter: (2) 3 4 6 8 ___ |
| Total Well Depth: | Depth to Water Pre: 58.98 Post: 58.98 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: (PVC) Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump (Bladder Pump)
Sampling Method: (Dedicated Tubing) New Tubing Other_____

Flow Rate: 400mL/min Pump Depth:_____

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | DTW Observations |
|---|---|---|---|---|---|---|---|---|
| 1402 | start purge | | | | | | | |
| 1405 | 22.52 | 7.45 | 698 | 28 | 7.82 | -29.7 | 1200 | 59.01 |
| 1408 | 21.84 | 7.43 | 703 | 61 | 8.69 | -22.5 | 2400 | 59.00 |
| 1411 | 21.77 | 7.41 | 707 | 53 | 9.04 | -22.9 | 3600 | - |
| 1414 | 21.71 | 7.43 | 709 | 41 | 8.64 | -25.0 | 4800 | 59.01 |
| 1417 | 21.69 | 7.43 | 709 | 18 | 8.41 | -26.6 | 6000 | 59.00 |
| 1420 | 21.69 | 7.44 | 709 | 12 | 8.90 | -26.3 | 7200 | - |
| 1423 | 21.67 | 7.44 | 708 | 9 | 8.79 | -27.0 | 8400 | 59.00 |
| 1426 | 21.65 | 7.43 | 708 | 8 | 8.66 | -27.4 | 9600 | 59.00 |
| 1429 | 21.64 | 7.42 | 707 | 8 | 8.56 | -26.8 | 10,800 | 59.01 |
| | | | | | | | | |

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|---|---|
| Did well dewater? Yes (No) | Amount actually evacuated: 10800mL |
| Sampling Time: 1440 | Sampling Date: 5-10-04 |
| Sample I.D.: PMW-11 | Laboratory: Calscience |
| Analyzed for: TPH-G BTEX MTBE TPH-D | (Other) See S.O.W. |
| Equipment Blank I.D.: @ Time | Duplicate I.D.: |

# LOW FLOW WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 04050 7.Jw.1 | Client: EKI @ Price Pfister |
| Sampler: JK | Start Date: 5-7-04 |
| Well I.D.: PMW-12 | Well Diameter: (2) 3 4 6 8 ___ |
| Total Well Depth: | Depth to Water Pre: 63.85 Post: 63.85 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: (PVC) Grade | Flow Cell Type: YSI556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump (Bladder Pump)
Sampling Method: (Dedicated Tubing) New Tubing Other ___

Flow Rate: 450 mL/min Pump Depth: ___

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Observations |
|---|---|---|---|---|---|---|---|---|
| 0855 | begin purge | | | | | | | |
| 0858 | 22.05 | 7.77 | 1078 | 14 | 6.83 | 18.3 | 1350 | 63.86 |
| 0901 | 21.58 | 7.41 | 1055 | 10 | 6.43 | 11.0 | 2700 | – |
| 0904 | 21.47 | 7.31 | 1054 | 9 | 6.21 | 5.6 | 4050 | 63.87 |
| 0907 | 21.43 | 7.35 | 1053 | 8 | 6.22 | -1.5 | 5400 | 63.86 |
| 0910 | 21.41 | 7.38 | 1054 | 7 | 6.27 | -4.5 | 6750 | – |
| 0913 | 21.39 | 7.39 | 1053 | 6 | 6.22 | -8.2 | 8100 | 63.86 |
| | | | | | | | | |
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|---|---|
| Did well dewater? Yes (No) | Amount actually evacuated: 8100 mL |
| Sampling Time: 0925 | Sampling Date: 5-11-04 |
| Sample I.D.: PMW-12 | Laboratory: Calscience |
| Analyzed for: TPH-G BTEX MTBE TPH-D | (Other) See S.O.W. |
| Equipment Blank I.D.: @ Time | Duplicate I.D.: |

# ~~LOW FLOW~~ WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 040507.PM.1 | Client: EKI @ Price Pfister |
| Sampler: JK | Start Date: 5-7-04 |
| Well I.D.: ~~84.42~~ PMW-13 | Well Diameter: (2) 3 4 6 8 ___ |
| Total Well Depth: 84.42 | Depth to Water Pre: 69.60 Post: |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: (PVC) Grade | Flow Cell Type: |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump (Bailer)
Sampling Method: Dedicated Tubing New Tubing (Other) Bailer

Flow Rate: _____ 1 case volume 2.5 x 3 = 7.5 Pump Depth: _____

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals or mL) | Observations |
|---|---|---|---|---|---|---|---|---|
| 0807 | 20.71 | 6.74 | 1037 | 732 | 5.66 | 80.7 | | |
| 0817 | 20.71 | 7.35 | 1039 | >1000 | 6.58 | 79.3 | 2.5 | |
| 0825 | 21.02 | 7.33 | 1032 | >1000 | 6.42 | 78.4 | 5 | |
| 0835 | 20.92 | 7.28 | 1041 | >1000 | 6.57 | 78.4 | 7.5 | |
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|---|---|
| Did well dewater? Yes (No) | Amount actually evacuated: 7.5 gal |
| Sampling Time: 0845 | Sampling Date: 5-12-04 |
| Sample I.D.: PMW-13 | Laboratory: Calscience |
| Analyzed for: TPH-G BTEX MTBE TPH-D | Other: |
| Equipment Blank I.D.: @ Time | Duplicate I.D.: |

# LOW FLOW WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 040507.Jw.1 | Client: EKI @ Price Pfister |
| Sampler: Jk | Start Date: 5-7-04 |
| Well I.D.: PMW-14 | Well Diameter: 2 3 (4) 6 8 ____ |
| Total Well Depth: | Depth to Water Pre: 72.61 Post: 72.62 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: (PVC) Grade | Flow Cell Type: YSI556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump (Bladder Pump)
Sampling Method: (Dedicated Tubing) New Tubing Other ____

Flow Rate: 300 ml/min Pump Depth: ____

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Observations |
|---|---|---|---|---|---|---|---|---|
| 1306 | Begin purge | | | | | | | |
| 1309 | 22.74 | 7.05 | 1070 | 8 | 5.02 | -30.3 | 900 | |
| 1312 | 21.92 | 6.96 | 1057 | 6 | 5.42 | -30.7 | 1800 | 72.60 |
| 1315 | 21.63 | 6.93 | 1052 | 5 | 5.63 | -31.9 | 2700 | 72.62 |
| 1318 | 21.52 | 6.92 | 1047 | 5 | 5.65 | -36.4 | 3600 | - |
| 1321 | 21.47 | 6.93 | 1043 | 5 | 5.45 | -38.2 | 4500 | — |
| 1324 | 21.45 | 6.93 | 1043 | 5 | 5.75 | -37.5 | 5400 | 72.62 |
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|---|---|
| Did well dewater? Yes No | Amount actually evacuated: |
| Sampling Time: 1344 | Sampling Date: 5-12-04 |
| Sample I.D.: PMW-14 | Laboratory: Calscience |
| Analyzed for: TPH-G BTEX MTBE TPH-D | Other: |
| Equipment Blank I.D.: @ Time | Duplicate I.D.: PWA 4 @ 1344 |

FB-5 @ 1315
Filter-5 @ 1310

# LOW FLOW WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 040507.Jm.1 | Client: EKI @ Alice Pfister |
| Sampler: JK | Start Date: 5-7-04 |
| Well I.D.: PMW-15 | Well Diameter: (2) 3 4 6 8 ___ |
| Total Well Depth: | Depth to Water Pre: 73.23 Post: 73.25 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: (PVC) Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
Sampling Method: Dedicated Tubing New Tubing Other_____

Flow Rate: 400 mL/min Pump Depth:_____

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | DTW Observations |
|---|---|---|---|---|---|---|---|---|
| 1322 | begin purge | | | | | | | |
| 1325 | 22.93 | 7.57 | 1022 | 30 | 7.36 | -22.0 | 1200 | 73.30 |
| 1328 | 22.00 | 7.02 | 1004 | 23 | 7.81 | -19.8 | 2400 | 73.25 |
| 1331 | 21.78 | 7.41 | 999 | 15 | 8.05 | -23.9 | 3600 | - |
| 1334 | 21.74 | 7.04 | 998 | 10 | 8.01 | -27.3 | 4800 | - |
| 1337 | 21.67 | 7.01 | 997 | 9 | 8.04 | -32.1 | 6000 | 73.25 |
| 1340 | 21.68 | 7.02 | 996 | 9 | 8.17 | -34.9 | 7200 | - |
| | | | | | | | | |
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|---|---|
| Did well dewater? Yes (No) | Amount actually evacuated: 7200 mL |
| Sampling Time: 1355 | Sampling Date: 5-11-04 |
| Sample I.D.: PMW-15 | Laboratory: Calscience |
| Analyzed for: TPH-G BTEX MTBE TPH-D | Other: |
| Equipment Blank I.D.: @ Time | Duplicate I.D.: |

# LOW FLOW WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 040507.Jw.1 | Client: EKI @ Price Pfister |
| Sampler: JK | Start Date: 5-7-04 |
| Well I.D.: pmw-19 | Well Diameter: 2 3 (4) 6 8 ___ |
| Total Well Depth: | Depth to Water Pre: 65.05 Post: 65.05 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: (PVC) Grade | Flow Cell Type: VS1556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump (Bladder Pump)
Sampling Method: (Dedicated Tubing) New Tubing Other ___

Flow Rate: 400 mL/min Pump Depth: ___

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Observations |
|---|---|---|---|---|---|---|---|---|
| 1046 | begin | purge | 1 | | | | | |
| 1049 | 22.35 | 7.28 | 852 | 5 | 7.76 | -26.8 | 1200mL 400m | |
| 1052 | 21.17 | 7.19 | 830 | 4 | 7.92 | -23.8 | 2400 | 65.11 |
| 1055 | 20.98 | 7.17 | 826 | 4 | 7.83 | -28.2 | 3600 | 65.11 |
| 1058 | 20.91 | 7.17 | 825 | 3 | 7.83 | -32.5 | 4800 | - |
| 1101 | 20.89 | 7.18 | 824 | 3 | 7.82 | -35.0 | 6000 | 65.11 |
| | | | | | | | | |
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Did well dewater? Yes (No) Amount actually evacuated: 6000mL

Sampling Time: 1115 Sampling Date: 5-12-04

Sample I.D.: pmw-19 Laboratory: Calscience

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

Equipment Blank I.D.: @ Time Duplicate I.D.:

# LOW FLOW WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 040507.Jw.1 | Client: EKI @ Price Pfister |
| Sampler: JK | Start Date: 5-7-04 |
| Well I.D.: PMW-20 | Well Diameter: 2 3 (4) 6 8 ___ |
| Total Well Depth: | Depth to Water Pre: 68.45 Post: |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: (PVC) Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
Sampling Method: Dedicated Tubing New Tubing Other_____

Flow Rate: <100 mL/min Pump Depth:_____

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Other Observations |
|---|---|---|---|---|---|---|---|---|
| 1004 | begin purge | | | | | | | |
| 1007 | 21.88 | 7.33 | 954 | 5 | 8.42 | -5.4 | 1200 | 68.46 |
| 1010 | 21.13 | 7.20 | 938 | 4 | 8.41 | -2.6 | 2400 | - |
| 1013 | 20.91 | 7.13 | 934 | 5 | 8.37 | -5.4 | 3600 | 68.46 |
| 1016 | 20.87 | 7.09 | 932 | 5 | 8.24 | -9.5 | 4800 | - |
| 1019 | 20.87 | 7.08 | 931 | 5 | 8.27 | -11.5 | 6000 | 68.46 |
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|---|---|
| Did well dewater? Yes (No) | Amount actually evacuated: 6000 mL |
| Sampling Time: 1032 | Sampling Date: 5-12-04 |
| Sample I.D.: PMW-20 | Laboratory: Calscience |
| Analyzed for: TPH-G BTEX MTBE TPH-D | Other: |
| Equipment Blank I.D.: @ Time | Duplicate I.D.: |

# LOW FLOW WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 040501.5w.1 | Client: EKI @ Price Pfister |
| Sampler: JK | Start Date: 5-7-04 |
| Well I.D.: PMW-21B | Well Diameter: 2 3 (4) 6 8 ___ |
| Total Well Depth: | Depth to Water Pre: 56.51 Post: |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: (PVC) Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump (Bladder Pump)
Sampling Method: (Dedicated) Tubing New Tubing Other ___

Flow Rate: 400 mL/min Pump Depth: ___

| Time | Temp. (°C or °F) | pH | Cond. (mS or (µS)) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or (mL)) | DTW Observations |
|---|---|---|---|---|---|---|---|---|
| 1412 | begin purge | | | | | | | |
| 1415 | 26.96 | 7.59 | 1120 | 5 | 2.95 | -27.9 | 1200 | 56.53 |
| 1418 | 24.39 | 7.17 | 1075 | 4 | 2.66 | -20.8 | 2400 | - |
| 1421 | 23.52 | 7.01 | 1055 | 4 | 2.86 | -19.4 | 3600 | 56.53 |
| 1424 | 23.30 | 6.97 | 1048 | 4 | 3.03 | -22.1 | 4800 | 56.53 |
| 1427 | 23.21 | 6.99 | 1045 | 4 | 3.14 | -24.4 | 6000 | 56.53 |
| 1430 | 23.20 | 6.97 | 1044 | 3 | 3.08 | -25.8 | 7200 | - |
| | | | | | | | | |
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| | |
|---|---|
| Did well dewater? Yes (No) | Amount actually evacuated: 7200 mL |
| Sampling Time: 1450 | Sampling Date: 5-11-04 |
| Sample I.D.: PMW-21B | Laboratory: Calscience |
| Analyzed for: TPH-G BTEX MTBE TPH-D | (Other): See S.O.W. |
| Equipment Blank I.D.: @ Time | Duplicate I.D.: DUP-3 |

FB-3 @1428
FB-4 @1430

# LOW FLOW WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 040507.JW.1 | Client: EKI @ Price Pfister |
| Sampler: JK | Start Date: 5-7-04 |
| Well I.D.: PMW-22 | Well Diameter: 2 3 4 6 8 ____ |
| Total Well Depth: | Depth to Water Pre: 61.85 Post: 61.85 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: PVC Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
Sampling Method: Dedicated Tubing New Tubing Other_____

Flow Rate: 300 mL/min Pump Depth:_____

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | DTW ~~Observations~~ |
|---|---|---|---|---|---|---|---|---|
| 0952 | | | | | | | | |
| 0955 | 22.10 | 7.44 | 730 | 78 | 7.35 | -40.1 | 900 | 61.93 |
| 0958 | 21.57 | 7.54 | 710 | 103 | 8.09 | -41.5 | 1800 | 61.93 |
| 1001 | 21.33 | 7.56 | 734 | 44 | 9.39 | -41.5 | 2700 | - |
| 1004 | 21.28 | 7.56 | 756 | 32 | 9.40 | -44.2 | 3600 | 61.92 |
| 1007 | 21.24 | 7.57 | 764 | 12 | 9.16 | -52.8 | 4500 | - |
| 1010 | 21.28 | 7.59 | 771 | 8 | 9.08 | -49.9 | 5400 | 61.92 |
| 1013 | 21.27 | 7.59 | 779 | 7 | 9.29 | -48.0 | 6300 | 61.91 |
| 1017 | 21.30 | 7.60 | 787 | 6 | 8.99 | -45.6 | 7200 | 61.91 |
| | | | | | | | | |
| | | | | | | | | |

| | |
|---|---|
| Did well dewater? Yes No | Amount actually evacuated: 7200 mL |
| Sampling Time: 1030 | Sampling Date: 5-10-04 |
| Sample I.D.: PMW-22 | Laboratory: Calscience |
| Analyzed for: TPH-G BTEX MTBE TPH-D | Other: Soos.a.w. |
| Equipment Blank I.D.: @ Time | Duplicate I.D.: |

# LOW FLOW WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 040507.SW1 | Client: EKI @ Price Foster |
| Sampler: JK | Start Date: 5-7-04 |
| Well I.D.: pmw-23 | Well Diameter: (2") 3 4 6 8 ___ |
| Total Well Depth: | Depth to Water Pre: 62.36 Post: |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: (PVC) Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump (Bladder) Pump
Sampling Method: (Dedicated) Tubing New Tubing Other ___

Flow Rate: 400 mL/min Pump Depth: ___

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | DTW ~~Observations~~ |
|---|---|---|---|---|---|---|---|---|
| 0800 | begin purge | | | | | | | |
| 0803 | 21.49 | 7.54 | 883 | 43 | 7.55 | 6.3 | 1200 | 62.45 |
| 0806 | 21.25 | 8.02 | 885 | 10 | 9.22 | 9.1 | 2400 | 62.44 |
| 0809 | 21.20 | 8.07 | 883 | 4 | 10.09 | 10.5 | 3600 | - |
| 0812 | 21.21 | 8.08 | 882 | 3 | 10.45 | 9.8 | 4800 | - |
| 0815 | 21.23 | 8.08 | 880 | 3 | 10.48 | 9.0 | 6000 | 62.44 |
| 0818 | 21.23 | 8.08 | 879 | 4 | 10.58 | 8.5 | 7200 | 62.45 |
| | | | | | | | | |
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Did well dewater? Yes (No) Amount actually evacuated: 7200 mL

Sampling Time: 0830 Sampling Date: 5-11-04

Sample I.D.: pmw-23 Laboratory: Calscience

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

Equipment Blank I.D.: @ Time Duplicate I.D.:

# LOW FLOW WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 040507.Rw.1 | Client: EKI @ PricePfister |
| Sampler: TK | Start Date: 5-7-04 |
| Well I.D.: PMW-24 | Well Diameter: (2) 3 4 6 8 ____ |
| Total Well Depth: | Depth to Water Pre: 62.47 Post: 62.47 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: (PVC) Grade | Flow Cell Type: YSI556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump (Bladder Pump)
Sampling Method: (Dedicated) Tubing New Tubing Other_____

Flow Rate: 400mL/min Pump Depth:_____

| Time | Temp. (°C or °F) | pH | Cond. (mS or (µS)) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or (mL)) | ~~Observations~~ DTW |
|---|---|---|---|---|---|---|---|---|
| 1230 | Begin Purge | | | | | | | |
| 1233 | 21.73 | 7.14 | 669 | 8 | 7.42 | -27.9 | 1200 | 62.53 |
| 1236 | 21.23 | 7.16 | 673 | 7 | 8.83 | -25.5 | 2400 | 62.49 |
| 1239 | 21.09 | 7.14 | 670 | 5 | 9.44 | -30.7 | 3600 | - |
| 1242 | 21.05 | 7.14 | 671 | 4 | 9.13 | -32.4 | 4800 | 62.49 |
| 1245 | 21.03 | 7.14 | 672 | 3 | 9.05 | -31.4 | 6000 | - |
| | | | | | | | | |
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|---|---|
| Did well dewater? Yes (No) | Amount actually evacuated: 6000mL |
| Sampling Time: 1256 | Sampling Date: 5-10-04 |
| Sample I.D.: PMW-24 | Laboratory: Calscience |
| Analyzed for: (TPH-G) (BTEX) MTBE TPH-D | (Other): See S.O.W. |
| Equipment Blank I.D.: @ Time | Duplicate I.D.: |

# LOW FLOW WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 040507.M.1 | Client: EKI @ Price Pfister |
| Sampler: JK | Start Date: 5-7-04 |
| Well I.D.: PMW-25 | Well Diameter: (2) 3 4 6 8 ____ |
| Total Well Depth: | Depth to Water Pre: 62.35 Post: 62.36 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: (PVC) Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump (Bladder Pump)
Sampling Method: (Dedicated Tubing) New Tubing Other ____

Flow Rate: 500 mL/min Pump Depth: ____

| Time | Temp. (°C or °F) | pH | Cond. (mS or (µS)) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or (mL)) | Observations |
|---|---|---|---|---|---|---|---|---|
| 1217 | begin purge | | | | | | | |
| 1220 | 21.88 | 7.07 | 904 | 4 | 5.17 | -18.8 | 1500 | 62.37 |
| 1223 | 21.50 | 6.94 | 894 | 3 | 6.33 | -23.4 | 3000 | 62.38 |
| 1226 | 21.44 | 6.91 | 892 | 3 | 6.53 | -28.7 | 4500 | " |
| 1229 | 21.42 | 6.91 | 892 | 3 | 6.49 | -30.2 | 6000 | " |
| 1232 | 21.41 | 6.92 | 893 | 3 | 6.31 | -27.4 | 7500 | 62.38 |
| | | | | | | | | |
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Did well dewater? Yes (No) Amount actually evacuated: 7500 mL

Sampling Time: 1241 Sampling Date: 5-7-04

Sample I.D.: PMW-25 Laboratory: Calscience

Analyzed for: (TPH-G) (BTEX) MTBE TPH-D (Other) See S.O.W.

Equipment Blank I.D.: @ Time Duplicate I.D.:

# LOW FLOW WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 040507.Jw.1 | Client: FKI@ Price Pfister |
| Sampler: JK | Start Date: 5-7-04 |
| Well I.D.: PMW-26 | Well Diameter: (2) 3 4 6 8 ____ |
| Total Well Depth: — | Depth to Water Pre: 6207 Post: 6208 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: (PVC) Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump (Bladder Pump)
Sampling Method: (Dedicated Tubing) New Tubing Other ____

Flow Rate: 500 mL/min Pump Depth: ____

| Time | Temp. (°C or °F) | pH | Cond. (mS or (µS)) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or (mL)) | Observations |
|---|---|---|---|---|---|---|---|---|
| 1124 | begin purge | | | | | | | |
| 1127 | 22.40 | 7.20 | 989 | 8 | 5.10 | -2.6 | 1500 | 62.07 |
| 1130 | 21.98 | 6.91 | 998 | 6 | 4.38 | -9.4 | 3000 | " |
| 1133 | 21.89 | 6.85 | 995 | 4 | 4.35 | -19.4 | 4500 | 62.08 |
| 1136 | 21.86 | 6.83 | 993 | 4 | 4.32 | -23.8 | 6000 | " |
| 1139 | 21.95 | 6.83 | 987 | 4 | 4.41 | -25.4 | 7500 | " |
| | | | | | | | | |
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|---|---|
| Did well dewater? Yes (No) | Amount actually evacuated: 7500 |
| Sampling Time: 1144 | Sampling Date: 5-7-04 |
| Sample I.D.: PMW-26 | Laboratory: Calscience |
| Analyzed for: (TPH-G) (BTEX) MTBE TPH-D | (Other) see S.O.W |
| Equipment Blank I.D.: @ Time | Duplicate I.D.: |

# LOW FLOW WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 040507-Jw-1 | Client: EKI @ Price Pfister |
| Sampler: S- JK | Start Date: 5-7-04 |
| Well I.D.: PMW-27 | Well Diameter: (2) 3 4 6 8 ___ |
| Total Well Depth: | Depth to Water Pre: 67.31 Post: 67.31 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: (PVC) Grade | Flow Cell Type: YSI556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump (Bladder) Pump
Sampling Method: (Dedicated) Tubing New Tubing Other_____

Flow Rate: 400mL/min Pump Depth:_____

| Time | Temp. (°C) or °F) | pH | Cond. (mS or (µS)) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or (mL)) | PTW Observations |
|---|---|---|---|---|---|---|---|---|
| 0923 | begin purge | | | | | | | |
| 0926 | 24.52 | 7.57 | 1354 | 41 | 7.73 | 23.8 | 1200 | |
| 0929 | 23.09 | 7.09 | 1300 | 6 | 7.32 | 27.1 | 2400 | 67.33 |
| 0932 | 22.85 | 6.95 | 1241 | 5 | 7.37 | 20.7 | 3600 | – |
| 0935 | 22.83 | 6.92 | 1294 | 5 | 7.30 | 14.2 | 4800 | – |
| 0938 | 22.78 | 6.91 | 1292 | 5 | 7.26 | 11.8 | 6000 | 67.33 |
| | | | | | | | | |
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Did well dewater? Yes (No) Amount actually evacuated: 6000mL

Sampling Time: 0950 Sampling Date: 5-12-04

Sample I.D.: PMW-27 Laboratory: calscience

Analyzed for: TPH-G BTEX MTBE TPH-D (Other: See S.O.W.)

Equipment Blank I.D.: @ Time Duplicate I.D.:

# LOW FLOW WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 040507.JV.1 | Client: EAI @ Price Aster |
| Sampler: JK | Start Date: 5-7-04 |
| Well I.D.: PMW-28 | Well Diameter: (2) 3 4 6 8 ___ |
| Total Well Depth: | Depth to Water Pre: 61.93 Post: 62.28 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: (PVC) Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump (Bladder Pump)
Sampling Method: (Dedicated Tubing) New Tubing Other_____

Flow Rate: ~~250ml/min~~ 450ml/min - 300ml/min Pump Depth:_____

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or (mL)) | Observations |
|---|---|---|---|---|---|---|---|---|
| 1303 | 26.29 | 7.17 | 930 | 5 | 2.99 | -280 | 1350 | |
| 1306 | 25.13 | 7.32 | 960 | 3 | 0.99 | -13.5 | 2700 | 60.14 |
| 1309 | 24.45 | 7.38 | 974 | 3 | 0.82 | -12.7 | 4050 | 60.28 |
| 1312 | 24.22 | 7.42 | 980 | 2 | 0.55 | -11.6 | 5400 | 62.48 |
| 1315 | 23.93 | 7.39 | 977 | 2 | 0.32 | -8.5 | 6300 | 62.35 |
| 1318 | 24.06 | 7.38 | 974 | 2 | 0.27 | -9.4 | 7200 | 62.34 |
| 1321 | 24.10 | 7.40 | 972 | 2 | 0.28 | -10.6 | 8100 | 62.34 |
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@ 300 min

| | |
|---|---|
| Did well dewater? Yes (No) | Amount actually evacuated: 8100 |
| Sampling Time: 1335 | Sampling Date: 5-7-04 |
| Sample I.D.: PMW-28 | Laboratory: |
| Analyzed for: (TPH-G) (BTEX) MTBE (TPH-D) | (Other): See Sam. |
| Equipment Blank I.D.: @ Time | Duplicate I.D.: |

# LOW FLOW WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 040507-JW.1 | Client: EKI @ Price Pfister |
| Sampler: JK | Start Date: 5-7-04 |
| Well I.D.: pmw-29 | Well Diameter: (2) 3 4 6 8 ____ |
| Total Well Depth: | Depth to Water Pre: 61.95 Post: 61.97 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: (PVC) Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump (Bladder Pump)
Sampling Method: (Dedicated Tubing) New Tubing Other_____

Flow Rate: 500mL/min Pump Depth:_____

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | DTW ~~Observations~~ |
|---|---|---|---|---|---|---|---|---|
| 1407 | – begin purge | | | | | | | |
| 1410 | 22.12 | 7.15 | 876 | 43 | 2.76 | 9.1 | 1500mL | 62.05 |
| 1413 | 21.99 | 7.09 | 876 | 45 | 2.57 | 6.4 | 3000mL | 62.09 |
| 1416 | 21.98 | 7.07 | 873 | 38 | 2.52 | 2.7 | 4500mL | 6203 |
| 1419 | 22.01 | 7.08 | 872 | 26 | 2.56 | -0.2 | 6000mL | " |
| 1422 | 22.01 | 7.08 | 869 | 21 | 2.67 | -1.2 | 7500mL | " |
| 1425 | 22.01 | 7.09 | 869 | 15 | 2.62 | -2.3 | 9000 | " |
| 1428 | 22.01 | 7.09 | 869 | 16 | 2.70 | -2.9 | 10,500 | 62.02 |
| 1431 | 22.01 | 7.09 | 869 | 15 | 2.73 | -3.5 | 12,000 | 62.02 |
| | | | | | | | | |
| | | | | | | | | |

Did well dewater? Yes (No) Amount actually evacuated: 12,000

Sampling Time: 1440 Sampling Date: 5-7-04

Sample I.D.: pmw-29 Laboratory: Calscience

Analyzed for: (TPH-G) (BTEX) MTBE TPH-D (Other) See S.O.W.

Equipment Blank I.D.: @ Time Duplicate I.D.:

# LOW FLOW WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 040507.TW.1 | Client: EKI@ PricePfister |
| Sampler: JL | Start Date: 5-7-04 |
| Well I.D.: pmw-30 | Well Diameter: (2) 3 4 6 8 ____ |
| Total Well Depth: – | Depth to Water Pre: 62.14 Post: 62.76 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: (PVC) Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump (GEP) (Bladder) Pump
Sampling Method: (Dedicated) Tubing New Tubing Other_____

Flow Rate: 500 mL/min Pump Depth:_____

| Time | Temp. (°C or °F) | pH | Cond. (mS or (µS)) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or (mL)) | PTW ~~Observations~~ |
|---|---|---|---|---|---|---|---|---|
| 0820 | begin purge | | | | | | | |
| 0823 | 21.65 | 7.07 | 1024 | 10 | 4.88 | 93.6 | 1500 mL | 61.18 |
| 0826 | 21.61 | 7.00 | 1028 | 11 | 4.50 | 91.6 | 3000 | – |
| 0829 | 21.59 | 6.98 | 1015 | 10 | 4.38 | 90.2 | 4500 | 61.19 |
| 0832 | 21.58 | 6.95 | 1008 | 10 | 4.47 | 90.0 | 6000 | 61.19 |
| 0835 | 21.58 | 6.94 | 1003 | 10 | 4.46 | 89.7 | 7500 | 61.19 |
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|---|---|
| Did well dewater? Yes (No) | Amount actually evacuated: 7500 mL |
| Sampling Time: 0848 | Sampling Date: 5-10-04 |
| Sample I.D.: pmw-30 | Laboratory: Calscience |
| Analyzed for: (TPH-G) (BTEX) MTBE TPH-D | (Other) see S.O.L. |
| Equipment Blank I.D.: @ Time | Duplicate I.D.: |

# LOW FLOW WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 040507-TW-1 | Client: EBI @ Price Pfister |
| Sampler: JK | Start Date: 5-7-04 |
| Well I.D.: PMW-31 | Well Diameter: (2) 3 4 6 8 ____ |
| Total Well Depth: | Depth to Water Pre: 62.39 Post: 62.40 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: (PVC) Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump (Bladder Pump)
Sampling Method: (Dedicated Tubing) New Tubing Other ____

Flow Rate: 500 mL/min Pump Depth: ____

| Time | Temp. (°C or °F) | pH | Cond. (mS or (µS)) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or (mL)) | ~~Observations~~ PTW |
|---|---|---|---|---|---|---|---|---|
| 1052 | 22.10 | 7.01 | 687 | 7 | 5.30 | -40.7 | 1500 | 62.40 |
| 1055 | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 1058 | 21.53 | 6.96 | 744 | 8 | 7.27 | -37.6 | 3000 | – |
| 1101 | 21.38 | 6.92 | 752 | 7 | 7.60 | -36.9 | 4500 | 62.40 |
| 1104 | 21.35 | 6.93 | 753 | 6 | 8.29 | -37.0 | 6000 mL | – |
| 1107 | 21.33 | 6.94 | 753 | 6 | 8.42 | -36.6 | 7500 mL | 62.41 |
| 1110 | 21.32 | 6.95 | 754 | 6 | 8.62 | -36.5 | 9000 mL | 62.41 |
| | | | | | | | | |
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Did well dewater? Yes (No) Amount actually evacuated: 9000 mL

Sampling Time: 1125 Sampling Date: ~~10~~ 5-10-04

Sample I.D.: PMW-31 Laboratory: Calscience

Analyzed for: (TPH-G) (BTEX) MTBE TPH-D (Other) See S.O.W.

Equipment Blank I.D.: @ Time Duplicate I.D.: Dup-2

FB-3 @ 1135
Filter-2 @ 1139

# LOW FLOW WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 040507.JW.1 | Client: EKI @ Price Pfister |
| Sampler: JK | Start Date: 5-7-04 |
| Well I.D.: pmw-32 | Well Diameter: (2) 3 4 6 8 ___ |
| Total Well Depth: — | Depth to Water Pre: 62.45 Post: 62.46 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: (PVC) Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump (Bladder Pump)
Sampling Method: (Dedicated) Tubing New Tubing Other ___

Flow Rate: 450mL/min Pump Depth: ___

| Time | Temp. (°C or °F) | pH | Cond. (mS or (µS)) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or (mL)) | Observations |
|---|---|---|---|---|---|---|---|---|
| 1321 | Begin Purge | | | | | | | |
| 1324 | 21.44 | 7.33 | 900 | 7 | 7.25 | -32.1 | 1350 | 62.49 |
| 1327 | 21.18 | 7.17 | 910 | 8 | 8.00 | -28.5 | 2700 | 62.46 |
| 1330 | 21.12 | 7.13 | 912 | 7 | 7.92 | -29.2 | 4050 | 62.47 |
| 1333 | 21.09 | 7.13 | 913 | 7 | 7.95 | -30.6 | 5400 | " |
| 1336 | 21.09 | 7.14 | 913 | 7 | 7.87 | -30.9 | 6750 | 62.47 |
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Did well dewater? Yes (No) Amount actually evacuated: 6750mL

Sampling Time: 1350 Sampling Date: 5-10-04

Sample I.D.: pmw-32 Laboratory: Calscience

Analyzed for: TPH-G BTEX MTBE TPH-D (Other) See SOW.

Equipment Blank I.D.: @ Time Duplicate I.D.:

# LOW FLOW WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 040507.TW.1 | Client: Exxon Price Pfister |
| Sampler: JK | Start Date: 5-7-04 |
| Well I.D.: PMW-33 | Well Diameter: (2) 3 4 6 8 ____ |
| Total Well Depth: — | Depth to Water Pre: 63.45 Post: 63.45 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: (PVC) Grade | Flow Cell Type: YSI556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump (Bladder Pump)
Sampling Method: (Dedicated Tubing) New Tubing Other ____

Flow Rate: 500mL/min Pump Depth: ____

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Observations |
|---|---|---|---|---|---|---|---|---|
| 1032 | begin purge | | | | | | | |
| 1035 | 23.77 | 7.21 | 962 | 7 | 5.21 | 1.0 | 1500mL | 63.45 |
| 1038 | 22.13 | 7.03 | 956 | 5 | 4.70 | 3.3 | 3000 | " |
| 1041 | 21.83 | 6.93 | 953 | 5 | 4.75 | -1.6 | 4500 | 63.45 |
| 1044 | 21.74 | 6.91 | 952 | 5 | 4.67 | -8.6 | 6000 | " |
| 1047 | 21.84 | 6.88 | 951 | 4 | 4.62 | -10.2 | 7500 | " |
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Did well dewater? Yes (No) Amount actually evacuated: 7500mL

Sampling Time: 1100 Sampling Date: 5-7-04

Sample I.D.: PMW-33 Laboratory: Calscience

Analyzed for: (TPH-G) (BTEX) MTBE TPH-D (Other) See S.O.W.

Equipment Blank I.D.: @ Time Duplicate I.D.:

# LOW FLOW WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 040507.M.1 | Client: EKI @ Price Fisher |
| Sampler: JL | Start Date: 5-7-04 |
| Well I.D.: PMW-34 | Well Diameter: (2) 3 4 6 8 ____ |
| Total Well Depth: | Depth to Water Pre: 63.98 Post: 63.98 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: (PVC) Grade | Flow Cell Type: VS1556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump (QED)
Sampling Method: Dedicated Tubing New Tubing Other ____

Flow Rate: 400 ml/min Pump Depth: ____

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Observations (DTW) |
|---|---|---|---|---|---|---|---|---|
| 0907 | begin purge | | | | | | | |
| 0910 | 23.37 | 7.38 | 826 | 9 | 5.80 | -93.4 | 1200 | 63.49 |
| 0913 | 21.61 | 7.20 | 806 | 12 | 6.02 | -77.8 | 2400 | — |
| 0916 | 21.35 | 7.13 | 802 | 14 | 6.06 | -75.4 | 3600 | 63.98 |
| 0919 | 21.27 | 7.12 | 801 | 11 | 6.00 | -53.8 | 4900 | |
| 0922 | 21.26 | 7.12 | 801 | 10 | 5.96 | -49.9 | 6000 | — |
| 0925 | 21.22 | 7.11 | 800 | 10 | 6.06 | -48.0 | 7200 | 63.49 |
| | | | | | | | | |
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|---|---|
| Did well dewater? Yes (No) | Amount actually evacuated: 7200 mL |
| Sampling Time: 0938 | Sampling Date: 5-10-04 |
| Sample I.D.: ~~5-10-04~~ PMW-34 | Laboratory: Calscience |
| Analyzed for: (TPH-G) (BTEX) MTBE TPH-D | Other: See S.O.W. |
| Equipment Blank I.D.: @ Time | Duplicate I.D.: |

# LOW FLOW WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 040507.Jw-1 | Client: FKI@ Price Pfister |
| Sampler: JK | Start Date: 5-7-04 |
| Well I.D.: PMW-35 | Well Diameter: 2 3 4 6 8 ___ |
| Total Well Depth: — | Depth to Water Pre: 58.10 Post: |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: PVC Grade | Flow Cell Type: YSI556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
Sampling Method: Dedicated Tubing New Tubing Other_____

Flow Rate: ~~0921~~ 300mL/min Pump Depth:_____

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Observations |
|---|---|---|---|---|---|---|---|---|
| 0921 | - begin | purge | | | | | | |
| 0924 | 24.11 | 6.94 | 826 | 6 | 2.71 | 4.4 | 900 | 58.14 |
| 0927 | 22.54 | 7.01 | 779 | 9 | 2.85 | 12.2 | 1800 | 58.13 |
| 0930 | 22.39 | 7.00 | 771 | 8 | 3.10 | 11.8 | 2700 | " |
| 0933 | 22.25 | 7.00 | 762 | 8 | 3.68 | 8.8 | 3600 | 58.14 |
| 0936 | 22.13 | 7.00 | 756 | 8 | 3.88 | 5.5 | ~~4[illegible]~~ 4500 | " |
| 0939 | 22.08 | 7.00 | 754 | 7 | 3.97 | 3.6 | 5400 | 58.14 |
| 0942 | 22.09 | 7.01 | 752 | 7 | 4.04 | 2.8 | 6300 | " |
| | | | | | | | | |
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|---|---|
| Did well dewater? Yes No | Amount actually evacuated: 6300mL |
| Sampling Time: 1000 | Sampling Date: 5-7-04 |
| Sample I.D.: PMW-35 | Laboratory: Calscience |
| Analyzed for: TPH-G BTEX MTBE TPH-D | Other: See S.O.W. |
| Equipment Blank I.D.: @ Time | Duplicate I.D.: |

MS/MSD

# LOW FLOW WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 040507.PW1 | Client: EKI @ Price Pfister |
| Sampler: SK | Start Date: 5-7-04 |
| Well I.D.: PMW-36 | Well Diameter: (2) 3 4 6 8 ____ |
| Total Well Depth: | Depth to Water Pre: 57.05 Post: 57.08 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: (PVC) Grade | Flow Cell Type: YSI556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump (Bladder Pump)
Sampling Method: (Dedicated Tubing) New Tubing Other_____

Flow Rate: 200ml/min Pump Depth:_____

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | PTW Observations |
|---|---|---|---|---|---|---|---|---|
| 0823 | -begin purge | | | | | | | |
| 0826 | 23.05 | 7.07 | 950 | 56 | 4.03 | 84.1 | 1500mL | 57.08 |
| 0829 | 22.05 | 6.99 | 938 | 21 | 3.91 | 82.7 | 3000mL | 57.08 |
| 0832 | 21.95 | 6.98 | 936 | 17 | 3.90 | 75.6 | 4500 | |
| 0835 | 21.41 | 7.00 | 935 | 11 | 3.92 | 62.1 | 6000 | 57.07 |
| 0838 | 21.93 | 7.02 | 935 | 7 | 3.87 | 59.5 | 7500 | 57.07 |
| 0841 | 21.90 | 7.02 | 933 | 6 | 3.88 | 52.3 | 9000 | " |
| 0844 | 21.90 | 7.03 | 932 | 6 | 3.89 | 50.8 | 10,500 | " |
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Did well dewater? Yes (No) Amount actually evacuated: 10,500

Sampling Time: 0852 Sampling Date: 5-7-04

Sample I.D.: PMW-36 Laboratory: Calscience

Analyzed for: (TPH-G) (BTEX) MTBE TPH-D (Other) See S.O.W.

Equipment Blank I.D.: @ Time Duplicate I.D.: Dup-1

Field Blank @ 0855
Filter Blank @ 0857

# LOW FLOW WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 040507-JW1 | Client: EKI @ Price Pfister |
| Sampler: CG | Start Date: 5/7/04 |
| Well I.D.: PIAS-1 | Well Diameter: (2) 3 4 6 8 ___ |
| Total Well Depth: 74.21 | Depth to Water Pre: 62.16 Post: 62.16 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: (PVC) Grade | Flow Cell Type: YSI 556 MPS |

Purge Method: (2" Grundfos Pump) Peristaltic Pump Bladder Pump

Sampling Method: Dedicated Tubing New Tubing (Other) Disposable Teflon Bailer

Flow Rate: 800 ml/min Pump Depth: ~69.00'

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Observations |
|---|---|---|---|---|---|---|---|---|
| 1226 | 22.34 | 8.06 | 687 | 87 | 10.60 | 47.1 | 2400 | DTW=62.43 |
| 1229 | 22.54 | 8.05 | 700 | 36 | 10.21 | 42.8 | 4800 | |
| 1232 | 23.69 | 8.03 | 716 | 17 | 10.02 | 38.8 | 5200 | DTW=62.50 |
| 1235 | 23.66 | 8.02 | 718 | 10 | 9.94 | 38.2 | 7800 | |
| 1238 | 23.68 | 8.02 | 719 | 8 | 9.96 | 39.3 | 10 200 | |
| | | | | | | | | |
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|---|---|
| Did well dewater? Yes (No) | Amount actually evacuated: 10 200 |
| Sampling Time: 1244 | Sampling Date: 5/7/04 |
| Sample I.D.: PIAS-1 | Laboratory: Calscience |
| Analyzed for: TPH-G BTEX MTBE TPH-D | Other: |
| Equipment Blank I.D.: @ Time | Duplicate I.D.: PIAS-14 @ 1254 |

# LOW FLOW WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 040507-SW1 | Client: EKI @ Price Pfister |
| Sampler: CG | Start Date: 5/7/04 |
| Well I.D.: P1AS-3 | Well Diameter: (2) 3 4 6 8 ____ |
| Total Well Depth: 89.35 | Depth to Water Pre: 62.08 Post: 62.08 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: (PVC) Grade | Flow Cell Type: YSI 556 MPS |

Purge Method: (2" Grundfos Pump) Peristaltic Pump Bladder Pump

Sampling Method: Dedicated Tubing New Tubing (Other) Disposable Teflon bailer

Flow Rate: 900 ml/min Pump Depth: ~~YSI 556 MPS~~ CG ~84.00'

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Observations |
|---|---|---|---|---|---|---|---|---|
| 1121 | 22.13 | 7.67 | 660 | 91 | 13.27 | 76.0 | 2700 | DTW=62.71 |
| 1124 | 22.55 | 7.63 | 671 | 54 | 12.63 | 68.5 | 5400 | |
| 1127 | 22.90 | 7.66 | 680 | 36 | 14.75 | 62.5 | 8100 | DTW=62.65 |
| 1130 | 22.99 | 7.65 | 678 | 23 | 13.20 | 64.1 | 10800 | |
| 1133 | 23.58 | 7.77 | 682 | 18 | 13.51 | 56.9 | 13500 | DTW=62.56 |
| 1136 | 23.39 | 7.78 | 682 | 10 | 13.47 | 57.0 | 16200 | |
| 1139 | 23.21 | 7.67 | 683 | 8 | 13.46 | 57.6 | 18900 | |
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Did well dewater? Yes (No) Amount actually evacuated: 18900 ml

Sampling Time: 1145 Sampling Date: 5/7/04

Sample I.D.: P1AS-3 Laboratory: Calscience

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

Equipment Blank I.D.: @ Time Duplicate I.D.:

# LOW FLOW WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 040507-JW1 | Client: EKI @ Price PFister |
| Sampler: CG | Start Date: 5/7/04 |
| Well I.D.: PIAS-4 | Well Diameter: (2) 3 4 6 8 ___ |
| Total Well Depth: 90.07 | Depth to Water Pre: 62.27 Post: 62.27 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: (PVC) Grade | Flow Cell Type: YSI 556 MPS |

Purge Method: (2" Grundfos Pump) Peristaltic Pump Bladder Pump
Sampling Method: Dedicated Tubing New Tubing (Other) Disposable Teflon Bailer
Flow Rate: 500 ml/min Pump Depth: ~ 85.00'

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Observations |
|---|---|---|---|---|---|---|---|---|
| 0959 | 22.06 | 8.03 | 622 | 70 | 10.74 | 69.5 | 1500 | DTW=62.39 |
| 1002 | 21.81 | 8.00 | 614 | 139 | 9.84 | 64.3 | 3000 | |
| 1005 | 22.00 | 7.89 | 634 | 216 | 9.48 | 62.3 | 4500 | DTW=62.48 |
| 1008 | 22.75 | 7.70 | 696 | 172 | 8.94 | 53.0 | 6000 | |
| 1011 | 23.19 | 7.67 | 727 | 119 | 8.89 | 43.0 | 7500 | DTW=62.35 |
| 1014 | 23.83 | 7.63 | 763 | 61 | 8.96 | 29.9 | 9000 | |
| 1017 | 24.12 | 7.64 | 772 | 40 | 8.88 | 30.4 | 10,500 | DTW=62.40 |
| 1020 | 24.02 | 7.65 | 770 | 34 | 8.89 | 31.9 | 12,000 | |
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Did well dewater? Yes (No) Amount actually evacuated: 12,000 ml

Sampling Time: 1027 Sampling Date: 5/7/04

Sample I.D.: PIAS-4 Laboratory: Calscience

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

Equipment Blank I.D.: @ Time Duplicate I.D.:

# LOW FLOW WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 040507-JW1 | Client: EKI @ Price Pfister |
| Sampler: CG | Start Date: 5/7/04 |
| Well I.D.: PIAS-10 | Well Diameter: (2) 3 4 6 8 ____ |
| Total Well Depth: 87.80 | Depth to Water Pre: 59.19 Post: 59.19 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: (PVC) Grade | Flow Cell Type: YSI 556 MPS |

Purge Method: (2" Grundfos Pump) Peristaltic Pump Bladder Pump

Sampling Method: Dedicated Tubing (New Tubing CG) (Other Teflon Bailer (Disposable))

Flow Rate: 500 ml/min Pump Depth: ~82.50'

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or ml) | Observations |
|---|---|---|---|---|---|---|---|---|
| 0838 | 21.17 | 7.13 | 659 | 5 | 10.37 | 173.0 | 1500 ml | DTW=59.57 |
| 0841 | 21.63 | 7.12 | 697 | 7 | 9.86 | 140.0 | 3000 ml | |
| 0844 | 22.35 | 7.21 | 729 | 5 | 9.21 | 128.2 | 4500 | DTW=59.53 |
| 0847 | 22.70 | 7.35 | 742 | 4 | 8.90 | 131.6 | 6000 | |
| 0850 | 22.83 | 7.35 | 746 | 4 | 8.74 | 138.6 | 7500 | DTW=59.60 |
| 0853 | 23.04 | 7.33 | 746 | 4 | 8.65 | 138.3 | 9000 | |
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| Did well dewater? Yes (No) | Amount actually evacuated: 9000 ml |
| Sampling Time: 0901 | Sampling Date: 5/7/04 |
| Sample I.D.: PIAS10 | Laboratory: Calscience |
| Analyzed for: TPH-G BTEX MTBE TPH-D | Other: |
| Equipment Blank I.D.: @ Time | Duplicate I.D.: |

# LOW FLOW WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 040507-JW1 | Client: EKI @ Price Pfister |
| Sampler: CG | Start Date: 5/7/04 |
| Well I.D.: PIAS-13 | Well Diameter: (2) 3 4 6 8 ___ |
| Total Well Depth: 73.70 | Depth to Water Pre: 62.10 Post: 62.12 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: (PVC) Grade | Flow Cell Type: YSI 556 MPS |

Purge Method: (2" Grundfos Pump) Peristaltic Pump Bladder Pump
Sampling Method: Dedicated Tubing New Tubing (Other) Disposable Teflon Bailer
Flow Rate: 1000 ml/min Pump Depth: ~68.00'

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Observations |
|---|---|---|---|---|---|---|---|---|
| 1327 | 23.27 | 8.24 | 655 | 124 | 13.60 | 42.7 | 3000 | |
| 1330 | 23.19 | 8.25 | 657 | 41 | 13.62 | 40.3 | 6000 | DTW=62.61 |
| 1333 | 22.86 | 8.22 | 657 | 11 | 13.30 | 37.1 | 9000 | |
| 1336 | 22.92 | 8.19 | 661 | 9 | 12.52 | 37.3 | 12000 | DTW=62.31 |
| 1339 | 23.05 | 8.17 | 663 | 8 | 12.18 | 38.0 | 15000 | |
| 1342 | 23.75 | 8.15 | 673 | 8 | 12.04 | 38.5 | 18000 | |
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Did well dewater? Yes (No) Amount actually evacuated: 18000

Sampling Time: 1348 Sampling Date: 5/7/04

Sample I.D.: PIAS-13 Laboratory: Calscience

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

Equipment Blank I.D.: EB-1 @ Time 1420 Duplicate I.D.:

FB-2 @ 1425

## QA/QC Key

| | QA/QC sample | ORIGINAL WELL |
|---|---|---|
| | | |
| 5/7/2004 | FB-1 | PMW-36 |
| 5/7/2004 | FB-2 | PIAS-13 |
| 5/10/2004 | FB-3 | PMW-31 |
| 5/11/2004 | FB-4 | PMW-21B |
| 5/12/2004 | FB-5 | PMW-14 |
| | | |
| 5/7/2004 | FILTER-1 | PMW-36 |
| 5/10/2004 | FILTER-2 | PMW-31 |
| 5/11/2004 | FILTER-3 | PMW-21B |
| 5/12/2004 | FILTER-4 | PMW-14 |
| | | |
| 5/7/2004 | DUP-1 | PMW-36 |
| 5/7/2004 | PIAS-14 | PIAS-1 |
| 5/10/2004 | DUP-2 | PMW-31 |
| 5/11/2004 | DUP-3 | PMW-21B |
| 5/12/2004 | DUP-4 | PMW-14 |
| | | |
| 5/7/2004 | EB-1 | PIAS-13 |

# Erler & Kalinowski, Inc. CHAIN OF CUSTODY RECORD

CONSULTING ENGINEERS AND SCIENTISTS 5301 Beethoven St. Suite 190 Los Angeles, CA 90066 PH: (310) 301-0101 FAX: (310) 3010099

| | | | |
|---|---|---|---|
| Project Name | Price Pfister | Project No. | A20034.03T4 |
| Project Location | 13500 Paxton St. Pacoima, CA | Laboratory | CalScience Garden Grove, CA |
| Report Results to: | Steve Chambers | Sampled By: | Justin K. / Chris G Blaine Tech Services |

ANALYSES REQUESTED — EKI COC No. 0#0507.Sw.1

| Field Sample Identification | Lab Sample No. | Date | Time | Type of Sample | No. of Containers / Preservative | EPA 8260B VOCs | EPA 200.8/245.1 Dissolved Metals | EPA 218.6 for Hexavalent Chromium | EPA 8015m for TEPH, w/ silica gel cleanup | Low Level 1,2,3 TCP | EPA 314.0 Perchlorate | EPA 8270C 1,4, Dioxane, NDEA, NDMA | EXPECTED TURNAROUND | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PMW-36 | | ~~35~~ 5-7-04 | 0852 | | 6 VOA / 2 250mL Poly 1 HNO3 Poly, 1 Na2SO4 Amber | X | X | X | | X | X | X | STD. | |
| DUP-1 | | ↓ | 0852 | | ↓ | X | X | X | | X | X | X | ↓ | |
| FB-1 | | | 0855 | | 3 HCl VOA | X | | | | | | | | |
| Filter-1 | | | 0857 | | 1 NP Poly, 1 HNO3 Poly | | X | X | | | | | | |
| PMW-35 | | | 1000 | | 6 VOA, 2 250mL Poly 1 HNO3 Poly, 1 Na2SO4 Amber | X | X | X | | X | X | X | | MS/MSD |
| PMW-33 | | | 1100 | | ↓ | X | X | X | | X | X | X | | |
| PMW-26 | | | 1148 | | | X | X | X | | X | X | X | | |
| PMW-25 | | | 1241 | | ↓ | X | X | X | | X | X | X | | |
| PMW-28 | | | 1335 | | 6 VOA, 2 250mL Poly 1 HNO3 Poly, 1 Na2SO4 Amber | X | X | X | X | X | X | X | | |
| PMW-29 | | ↓ | 1440 | | 6 VOA, 2 250mL Poly 1 HNO3 Poly, 1 Na2SO4 | X | X | X | | X | X | X | ↓ | |
| | | | | | | | | | | | | | | |

**Special Instructions:**
*(1) VOCs include Acetone, MTBE, MEK, MIBK*
*(2) Dissolved Metals samples have been field filtered w/ 0.45 micron filter*
*(3) Fax copy of COC to Steve Chambers of EKI upon receipt (310) 301-0099*
*(4) Hexavalent chromium samples have been field filtered w/ 0.45 micron filter*

| Relinquished by: (Signature) | Date | Time | Received by: (Signature) |
|---|---|---|---|
| [signature] | 5-7-04 | 1545 | [signature] |
| Relinquished by: (Signature) | Date | Time | Received by: (Signature) |
| Relinquished by: (Signature) | Date | Time | Received by: (Signature) |

# Erler & Kalinowski, Inc. CHAIN OF CUSTODY RECORD

CONSULTING ENGINEERS AND SCIENTISTS 5301 Beethoven St. Suite 190 Los Angeles, CA 90066 PH: (310) 301-0101 FAX: (310) 3010099

Project Name: Price Pfister
Project No.: A20034.03T4
EKI COC No. 040507-JW.1

Project Location: 13500 Paxton St., Pacoima, CA
Laboratory: CalScience, Garden Grove, CA

Report Results to: Steve Chambers
Sampled By: Justin K / Chris G — Blaine Tech Services

ANALYSES REQUESTED

| Field Sample Identification | Lab Sample No. | Date | Time | Type of Sample | No. of Containers / Preservative | EPA 8260B VOCs | EPA 200.8/245.1 Dissolved Metals | EPA 218.6 for Hexavalent Chromium | EPA 8015m for TEPH, w/ silica gel cleanup | Low Level 1,2,3 TCP | EPA 314.0 Perchlorate | EPA 8270C 1,4, Dioxane, NDEA, NDMA | EXPECTED TURNAROUND | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PIAS-1 | | 5-7-04 | 1244 | 3VOA | 3VOA | X | | | | | | | STD. | |
| ~~DUP~~ - PIAS14 | | | 1254 | | | X | | | | | | | | |
| PIAS-3 | | | 1145 | | | X | | | | | | | | |
| PIAS-4 | | | 1027 | | | X | | | | | | | | |
| PIAS-10 | | | 0901 | | | X | | | | | | | | |
| PIAS-13 | | | 1348 | | | X | | | | | | | | |
| EB-1 | | | 1420 | | | X | | | | | | | | |
| FB-2 | | | 1425 | | | X | | | | | | | | |
| TB-1 | | | 0600 | | 2VOA | X | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |

Special Instructions:
*(1) VOCs include Acetone, MTBE, MEK, MIBK*
*(2) Dissolved Metals samples have been field filtered w/ 0.45 micron filter*
*(3) Fax copy of COC to Steve Chambers of EKI upon receipt (310) 301-0099*
*(4) Hexavalent chromium samples have been field filtered w/ 0.45 micron filter*

| Relinquished by: (Signature) | Date | Time | Received by: (Signature) |
|---|---|---|---|
| | 5-7-04 | 1545 | |
| Relinquished by: (Signature) | Date | Time | Received by: (Signature) |
| Relinquished by: (Signature) | Date | Time | Received by: (Signature) |

# Erler & Kalinowski, Inc. CHAIN OF CUSTODY RECORD

CONSULTING ENGINEERS AND SCIENTISTS 5301 Beethoven St. Suite 190 Los Angeles, CA 90066 PH: (310) 301-0101 FAX: (310) 3010099

| | | | |
|---|---|---|---|
| Project Name | Price Pfister | Project No. | A20034.03T4 |
| Project Location | 13500 Paxton St. Pacoima, CA | Laboratory | CalScience Garden Grove, CA |
| Report Results to: | Steve Chambers | Sampled By: | Justin K. Blaine Tech Services |

ANALYSES REQUESTED — EKI COC No. 040507TW.1

| Field Sample Identification | Lab Sample No. | Date | Time | Type of Sample | No. of Containers / Preservative | EPA 8260B VOCs | EPA 200.8/245.1 Dissolved Metals | EPA 218.6 for Hexavalent Chromium | EPA 8015m for TEPH, w/ silica gel cleanup | Low Level 1,2,3 TCP | EPA 314.0 Perchlorate | EPA 8270C 1,4, Dioxane, NDEA, NDMA | EXPECTED TURNAROUND | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PMW-30 | | 5-10-04 | 0848 | | 1 HNO3 poly, 2 250 mL AP poly, 1 HCl Amber, 1 NA2 SO4 Amber, 6 HCl VOCs | X | X | X | X | X | X | X | STD. | |
| PMW-34 | | ↓ | 0938 | | 1 HNO3 poly, 2 250 mL AP poly, 1 NA2 SO4 Amber, 6 HCl VOCs | X | X | X | | X | X | X | ↓ | |
| PMW-22 | | ↓ | 1030 | | ↓ | X | X | X | | X | X | X | ↓ | |
| PMW-31 | | ↓ | 1125 | | ↓ | X | X | X | | X | X | X | ↓ | |
| Dup-2 | | ↓ | 1125 | | ↓ | X | X | X | | X | X | X | ↓ | |
| Filter-2 | | ↓ | 1138 | | 1 HNO3 poly, 1 NP poly | | X | X | | | | | ↓ | |
| FB-3 | | ↓ | 1135 | | 3 HCl VOA | X | | | | | | | ↓ | |
| PMW-24 | | 5-10-04 | 1256 | | 1 HNO3 Poly, 2 250 NP poly, 1 NA2 SO4 Amber, 6 HCl VOCs | X | X | X | | X | X | X | ↓ | |
| PMW-32 | | ↓ | 1350 | | ↓ | X | X | X | | X | X | X | ↓ | |
| PMW-4 | | ↓ | 1440 | | ↓ | X | X | X | | X | X | X | ↓ | |
| TB-3 | | 5-7-04 | 0615 | | 2 HCl poly | X | | | | | | | | |

**Special Instructions:**
*(1) VOCs include Acetone, MTBE, MEK, MIBK*
*(2) Dissolved Metals samples have been field filtered w/ 0.45 micron filter*
*(3) Fax copy of COC to Steve Chambers of EKI upon receipt (310) 301-0099*
*(4) Hexavalent chromium samples have been field filtered w/ 0.45 micron filter*

| Relinquished by: (Signature) | Date | Time | Received by: (Signature) |
|---|---|---|---|
| [signature] | 5-10-04 | 1510 | [signature] |
| Relinquished by: (Signature) | Date | Time | Received by: (Signature) |
| Relinquished by: (Signature) | Date | Time | Received by: (Signature) |

# Erler & Kalinowski, Inc. CHAIN OF CUSTODY RECORD

CONSULTING ENGINEERS AND SCIENTISTS 5301 Beethoven St. Suite 190 Los Angeles, CA 90066 PH: (310) 301-0101 FAX: (310) 3010099

| | | | |
|---|---|---|---|
| Project Name | Price Pfister | Project No. | A20034.03T4 |
| Project Location | 13500 Paxton St<br>Pacoima, CA | Laboratory | CalScience<br>Garden Grove, CA |
| Report Results to: | Steve Chambers | Sampled By: | Justink. Blaine Tech Services |

ANALYSES REQUESTED — EKI COC No. 040507-JW-01

| Field Sample Identification | Lab Sample No. | Date | Time | Type of Sample | No. of Containers / Preservative | EPA 8260B VOCs | EPA 200.8/245.1 Dissolved Metals | EPA 218.6 for Hexavalent Chromium | EPA 8015m for TEPH, w/ silica gel cleanup | Low Level 1,2,3 TCP | EPA 314.0 Perchlorate | EPA 8270C 1,4, Dioxane, NDEA, NDMA | EXPECTED TURNAROUND | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PMW-23 | | 5-11-04 | 0830 | | 1 HNO3 Poly - 2 250 NPPoly 1 Na2S2O3 Amber, 6 HCL VOA | X | X | X | | X | X | X | STD. | |
| PMW-12 | | | 0925 | | | X | X | X | | X | X | X | | |
| MW-8 | | | 1008 | | 1 HNO3 Poly - 2 250 NPPoly 1 Na2S2O3 Amber, 6 HCL VOA 3 HCL VOA | X | X | X | X | X | X | X | | |
| MW-7 | | | 1100 | | | X | X | X | X | X | X | X | | |
| MW-4 | | | 1220 | | | X | X | X | X | X | X | X | | |
| PMW-10 | | | 1310 | | 1 HNO3 Poly - 2 250 NPPoly 1 Na2S2O3 Amber, 6 HCL VOA | X | X | X | | X | X | X | | |
| PMW-15 | | | 1355 | | | X | X | X | | X | X | X | | |
| PMW-21B | | | 1450 | | | X | X | X | | X | X | X | | |
| DUP-3 | | | 1450 | | | X | X | X | | X | X | X | | |
| Filter-3 | | | 1428 | | 1 HNO3 Poly, 1 NPPoly | | X | X | | ~~X~~ | ~~X~~ | ~~X~~ 3V | | |
| FB-4 | | | 1430 | | 3 HCL VOA | X | | | | X | X | X | | |

**Special Instructions:**
*(1) VOCs include Acetone, MTBE, MEK, MIBK*
*(2) Dissolved Metals samples have been field filtered w/ 0.45 micron filter*
*(3) Fax copy of COC to Steve Chambers of EKI upon receipt (310) 301-0099*
*(4) Hexavalent chromium samples have been field filtered w/ 0.45 micron filter*

| | | | |
|---|---|---|---|
| Relinquished by: (Signature) | Date 5-11-04 | Time | Received by: (Signature) |
| Relinquished by: (Signature) | Date | Time | Received by: (Signature) |
| Relinquished by: (Signature) | Date | Time | Received by: (Signature) |

# Erler & Kalinowski, Inc. CHAIN OF CUSTODY RECORD

CONSULTING ENGINEERS AND SCIENTISTS 5301 Beethoven St. Suite 190 Los Angeles, CA 90066 PH: (310) 301-0101 FAX: (310) 3010099

Project Name: Price Pfister
Project No.: A20034.03T4
EKI COC No. 040507-3w1

Project Location: 13500 Paxton St. Pacoima, CA
Laboratory: CalScience Garden Grove, CA

Report Results to: Steve Chambers
Sampled By: Justin K. Blaine Tech Services

ANALYSES REQUESTED

| Field Sample Identification | Lab Sample No. | Date | Time | Type of Sample | No. of Containers / Preservative | EPA 8260B VOCs | EPA 200.8/245.1 Dissolved Metals | EPA 218.6 for Hexavalent Chromium | EPA 8015m for TEPH, w/ silica gel cleanup | Low Level 1,2,3 TCP | EPA 314.0 Perchlorate | EPA 8270C 1,4, Dioxane, NDEA, NDMA | EXPECTED TURNAROUND | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PMW-13 | | 5-7-04 | 0845 | | 1 HNO3, 2 250 ml Poly, 1 Na2S2O3, 3 HCL VOA | X | X | X | | X | X | X | STD. | |
| PMW-21 | | ↓ | 0950 | | ↓ | X | X | X | | X | X | X | | |
| PMW-20 | | | 1032 | | | X | X | X | | X | X | X | | |
| PMW-19 | | | 1115 | | | X | X | X | | X | X | X | | |
| MW-6 | | | 1205 | | 1 HNO3 poly, 2 250 ml poly, 1 Na2S2O3 amber, 3 HCL VOA | X | X | X | X | X | X | X | | |
| MW-5 | | | 1250 | | ↓ | X | X | X | X | X | X | X | | |
| PMW-14 | | | 1344 | | | X | X | X | X | X | X | X | | |
| PUP-4 | | | 1344 | | ↓ | X | X | X | X | X | X | X | | |
| FB-5 | | | 1345 | | 3 HCL VOA | X | | | | | | | | |
| Filter-4 | | ↓ | 1310 | | 1 HNO3 poly, 1 NP 250 ml, 3 HCL VOA | | X | X | | | | | | |
| TB-4 | | 5-7-04 | 0615 | | | X | | | | | | | | |

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(4) Hexavalent chromium samples have been field filtered w/ 0.45 micron filter

| Relinquished by: (Signature) | Date | Time | Received by: (Signature) |
|---|---|---|---|
| | 5-12-07 | | 1430 |
| Relinquished by: (Signature) | Date | Time | Received by: (Signature) |
| Relinquished by: (Signature) | Date | Time | Received by: (Signature) |

# Erler & Kalinowski, Inc. CHAIN OF CUSTODY RECORD

CONSULTING ENGINEERS AND SCIENTISTS 5301 Beethoven St. Suite 190 Los Angeles, CA 90066 PH: (310) 301-0101 FAX: (310) 3010099

| | | | |
|---|---|---|---|
| Project Name | Price Pfister | Project No. | A20034.03T4 |
| Project Location | 13500 Paxton St. Pacoima, CA | Laboratory | CalScience Garden Grove, CA |
| Report Results to: | Steve Chambers | Sampled By: | Justin K. Blaine Tech Services |

ANALYSES REQUESTED

EKI COC No. 040507-[illegible]

| Field Sample Identification | Lab Sample No. | Date | Time | Type of Sample | No. of Containers / Preservative | EPA 8260B VOCs | EPA 200.8/245.1 Dissolved Metals | EPA 218.6 for Hexavalent Chromium | EPA 8015m for TEPH, w/ silica gel cleanup | Low Level 1,2,3 TCP | EPA 314.0 Perchlorate | EPA 8270C 1,4, Dioxane, NDEA, NDMA | EXPECTED TURNAROUND | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PMW-9 | | 5-11-04 | 1545 | | [illegible] | X | X | X | | X | X | X | STD. | |
| TB-3 | | 5-7-04 | 0615 | | 2 HCL VOA | X | | | | | | | ↓ | |
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**Special Instructions:**
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*(3) Fax copy of COC to Steve Chambers of EKI upon receipt (310) 301-0099*
*(4) Hexavalent chromium samples have been field filtered w/ 0.45 micron filter*

| Relinquished by: (Signature) | Date | Time | Received by: (Signature) |
|---|---|---|---|
| [signature] | 5-11-04 | | [signature] |
| Relinquished by: (Signature) | Date | Time | Received by: (Signature) |
| Relinquished by: (Signature) | Date | Time | Received by: (Signature) |

# TEST EQUIPMENT CALIBRATION LOG

| PROJECT NAME EKI @ Price Pfister | | | | PROJECT NUMBER 040507-JW1 | | | |
|---|---|---|---|---|---|---|---|
| EQUIPMENT NAME | EQUIPMENT NUMBER | DATE/TIME OF TEST | STANDARDS USED | EQUIPMENT READING | CALIBRATED TO: OR WITHIN 10%: | TEMP. | INITIALS |
| YSI 556 MPS Flow Cell | 02D0577 | 5/7/04 0750 | pH-4<br>pH-7<br>pH-10 | 4.06<br>6.89<br>9.74 | ✓<br>✓<br>✓ | 23.87<br>23.54<br>24.25 | CA<br>CA<br>CA |
| | | | 3900 µS | 3496 | ✓ | 23.53 | CA |
| | | | DO | ✓ | ✓ | ✓ | CA |
| | | | ORP | 378 | ✓ | 23.21 | CA |
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# TEST EQUIPMENT CALIBRATION LOG

| PROJECT NAME E&I@ Price Pfister | | | | PROJECT NUMBER 040507-JW-1 | | | |
|---|---|---|---|---|---|---|---|
| EQUIPMENT NAME | EQUIPMENT NUMBER | DATE/TIME OF TEST | STANDARDS USED | EQUIPMENT READING | CALIBRATED TO: OR WITHIN 10%: | TEMP. | INITIALS |
| YS1552 | 02D1213AB | 0749 5-7-04 | conductivity 3900 pH 7.0 4.0 10.0 | 3423 7.21 3.86 9.77 | ✓ ✓ ✓ ✓ | 23.19 | JK |
| YS1552 | " | 0753 5-7-04 | ORP 25°C@231 DO 100% | 24.3°C@228 100% | ✓ 98% ✓ | | JK |
| YS1556 | 02D1213AB | 0749 5-10-04 | conductivity 3900 pH 7.0 4.0 10.0 | conductivity 760 pH 7.16 3.81 9.74 | ✓ ✓ ✓ ✓ | 21.35 | JK |
| YS1556 | " | 0800 5-10-04 | ORP 25°C@231 DO 100% | 21°C@244 80.6 | ✓ ✓ | 21.0°C | JK |
| YS1556 | 02D1213AB | 0727 5-11-04 | conductivity 3900 7.0 4.0 10.0 | 3905 6.92 3.87 9.97 | ✓ ✓ ✓ ✓ | 21.84 | JK |
| YS1556 | " | 0735 | ORP 10°C@250.5 DO 100% | 12.74@244.0 83.7% | ✓ ✓ | 12.83 | JK |
| YS1556 | 02D1213AB | 0724 | conductivity 3900 pH 7.0 4.0 10.0 | 3781 6.83 3.86 9.84 | ✓ | 12.42°C | JK |
| YS1556 | " | 0730 | ORP 10°C@25.05 DO 100% | 24 12°C@242.5 78.9 | ✓ ✓ | 12°C | JK |
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# APPENDIX B

## ANALYTICAL LABORATORY REPORTS (CD-ROM)

CD-ROM contains electronic files of analytical laboratory reports for:

- Groundwater samples collected during the second quarter 2004 groundwater monitoring event
- Soil vapor samples collected from vapor monitoring wells and vapor extraction wells during the second quarter 2004

**Erler & Kalinowski, Inc.**

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