IRIS ENVIRONMENTAL

*Via FedEx*

October 30, 2008

Ms. Kathy San Miguel
Department of Toxic Substances Control
Geology and Corrective Action Branch
Southern California Region
5796 Corporate Avenue
Cypress, CA 90630

**Re: July 2008 Quarterly Sampling Report**
**Phibro-Tech, Inc.**
**Santa Fe Springs, California**
**Iris Environmental Contract No. 06-441-C**

Dear Ms. San Miguel:

On behalf of Phibro-Tech, Inc., Iris Environmental is pleased to submit this July 2008 Quarterly Sampling Report for the Phibro-Tech, Inc facility in Santa Fe Springs, California. The Report includes analytical results and parameter measurements for groundwater obtained on July 29, 30, and 31 as part of the regular Facility monitoring program.

If you have any comments or questions, please feel free to contact me at (510) 834-4747 ext. 21.

Sincerely,
IRIS ENVIRONMENTAL

Christopher S. Alger, P.G.
Principal

Enclosure

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# JULY 2008 QUARTERLY SAMPLING REPORT

## PHIBRO-TECH, INC.
## SANTA FE SPRINGS, CALIFORNIA

*Prepared for*

Phibro-Tech, Inc.
8851 Dice Rd.
Santa Fe Springs, California

*Prepared by*

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October 27, 2008
Project No. 06-441-C

The information contained in the Third Quarter 2008 Groundwater Monitoring Report for the Phibro-Tech, Inc. Santa Fe Springs, California facility has received appropriate technical review and approval. The activities outlined in the report were performed under the supervision of a California Professional Geologist.

Reviewed and Approved by:

Christopher S. Alger, P.G.
Principal

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# Section 1
# Introduction

This report summarizes the July 2008 quarterly groundwater monitoring event at the Phibro-Tech, Inc. (PTI), Santa Fe Springs, California facility (formerly referred to as Southern California Chemical). This report presents the third quarter groundwater monitoring results for 2008. Contained herein are the results of laboratory analyses of groundwater samples and water level measurements obtained on July 28 through 31, 2008. The July 2008 groundwater monitoring event was the ninth event performed by Iris Environmental. Previous events were performed by Camp, Dresser & McKee (CDM).

## 1.1 Objectives

The purpose of this monitoring program is to determine if compounds of concern detected in groundwater beneath the site are migrating from the facility. This objective is accomplished through the comparison of background or upgradient water quality and groundwater quality beneath the site. Statistically significant increases in contaminant concentrations between known areas of groundwater contamination and downgradient wells would indicate that migration is occurring. This groundwater monitoring program has been in place since March 1985.

## 1.2 Background

Based on more than 20 years of quarterly groundwater monitoring at the PTI facility, three types of contaminants have generally been detected in the groundwater beneath the site: dissolved metals, non-chlorinated aromatic volatile organic compounds (VOCs), and chlorinated VOCs. Elevated concentrations of dissolved metals such as hexavalent chromium, dissolved chromium, and cadmium have been consistently detected in the vicinity of Pond 1, a Resource Conservation & Recovery Act (RCRA)-regulated former surface impoundment area located in the center of the facility. Historically, the most significant hexavalent chromium detections have been observed in Pond 1 wells, with little or no evidence of downgradient migration. Dissolved metal concentrations at the other downgradient monitoring wells and in deeper wells continue to be near or below detection limits.

CDM concluded that the aromatic VOC plume likely originated upgradient from the PTI facility based on historic groundwater monitoring data and modeling results. Trichloroethylene (TCE) is detected throughout the facility, as well as some other volatile organic compounds (VOCs) such as 1,1-dichloroethene, cis-1,2-dichloroethene, 1,1-dichloroethane, 1,2-dichloroethane, and tetrachloroethene (PCE). Non-chlorinated VOCs including benzene, toluene, ethylbenzene and xylenes have also been detected in several wells on-site.

Hexavalent chromium has been detected in wells surrounding the Pond 1 area since

1989.

## 1.3 Report Organization

Section 2 discusses the history of the groundwater monitoring program, which began in March 1985. Sampling procedures and the approved analytical program are detailed within this section. Section 3 summarizes the laboratory testing. Section 4 provides details regarding the quality assurance protocols used during the monitoring program, along with the results of quality assurance sampling. Section 5 evaluates the water level data collected during this sampling event, including groundwater elevation contours and fluctuations over time. Section 6 characterizes the quality of groundwater encountered during this sampling event. The statistical analysis of the groundwater data is presented in Section 7.

This report also contains field forms and Chain of Custody forms that were completed throughout this sampling event (Appendix A). Tables listing reporting limits of the parameters analyzed for (i.e. cadmium, chromium, hexavalent chromium, copper, and VOCs) are presented in Appendix B. Historic sampling results starting in January 1989 are presented in Appendix C. Analytical results for the current sampling event are also summarized in Section 6, and in Tables 4 and 5. Laboratory results for the July 2008 sampling event are provided in electronic format (as pdf files) on a compact disk contained in Appendix D, and Appendix E contains the statistical analysis.

# Section 2
# Monitoring Well Sampling

## 2.1 Introduction

Iris Environmental personnel conducted groundwater sampling of existing on-site monitoring wells on July 29, 30, and 31, 2008. Field activities were performed in general accordance with the groundwater sampling protocols as outlined in Section 4.3.3 of the approved RCRA Facility Investigation (RFI) Work Plan (CDM, June 1990).

The following section describes the evolution of the groundwater monitoring program at the PTI facility.

### 2.1.1 Historic Groundwater Sampling

Table 1 summarizes the wells sampled and analyses performed since the beginning of groundwater monitoring in March 1985. At that time, Kleinfelder initiated groundwater sampling at monitoring wells MW-01 through MW-06B. Six additional wells (MW-04A and MW-07 through MW-11) were installed at the site in July 1985, thereby increasing the total number of active monitoring wells to 12. Kleinfelder initiated quarterly sampling of the 12 wells in March 1986 (Kleinfelder, May 1988).

From January 1989 to April 2006, CDM was responsible for all groundwater monitoring activities at the facility. As part of the first phase of the RFI program, CDM installed ten wells (MW-01D, MW-06D, MW-12S, MW-12D, MW-13S, MW-13D, MW-14S, MW-14D, MW-15S and MW-15D) during the October 1990 sampling round. All 22 on-site wells were monitored between October 1990 and January 1991.

Based on groundwater analysis of the 22 wells during the RFI program period, CDM concluded that the number of wells sampled could be reduced and yield comparable results to sampling all of the wells (CDM, December 1991). Thereafter, only 11 wells were sampled between April 1991 and January 1992. Wells screened in the upper portion of the Hollydale Aquifer included MW-01S, MW-03, MW-04, MW-07, MW-09, MW-11, MW-14S, and MW-15S, and wells screened in the lower portion of the Hollydale Aquifer included MW-01D, MW-04A, and MW-15D.

The current sampling locations were established in April 1992 when three additional wells (MW-06B, MW-06D, and MW-16) were added to the quarterly monitoring program. The total number of sampled wells was now 14. Well MW-16, which was constructed in March 1992 as part of the Phase II RFI program, was sampled for the first time during the April 1992 sampling round (CDM, February and March 1992).

In 1994, CDM proposed deviations to the RFI Work Plan such as purging the monitoring wells using a submersible pump and collecting samples using disposable bailers. These changes were discussed in correspondence with the California

Department of Toxic Substances Control (DTSC), and were implemented in October 1994 and all subsequent sampling events.

During a brief period between April 2000 and April 2001, the frequency of groundwater monitoring was reduced from quarterly to semi-annually. In April 2001, as requested by the DTSC, quarterly sampling was re-implemented.

In late 2002, DTSC requested that PTI conduct limited annual analyses for the Appendix IX suite of parameters. The four wells designated for Pond 1 monitoring (CDM, March 1996) were selected for annual Appendix IX sampling and analysis. These wells are MW-04, MW-07, MW-11 and MW-14S. This annual analysis was most recently completed during the October 2007 sampling event, and will be completed again in October 2008.

An updated Water Quality Sampling and Analysis Plan (WQSAP) was submitted in 2006 (Iris Environmental, August 2006a). This WQSAP addressed comments provided by DTSC (DTSC, 2005) regarding two draft groundwater sampling and analysis plans for the PTI facility (Revised Water Quality Sampling and Analysis Plan at Pond 1 [CDM, March 1996] and Corrective Action Groundwater Monitoring Plan [CDM, September 1995]). Per DTSC's request, the updated WQSAP combined the two draft plans. DTSC submitted comments on the WQSAP in a letter dated March 20, 2007. Iris Environmental then submitted a response letter on May 18, 2007, "Transmittal and Response to Comments, Revised Draft Water Quality Sampling and Analysis Plan, Phibro-Tech, Inc. (PTI) Santa Fe Springs Facility." Further review and potential revisions to the draft WQSAP are on hold pending completion of the DTSC-approved Revised Groundwater Corrective Action Pilot Test (Iris, 2008)

In June and July 2007, Iris Environmental conducted a Data Gap Investigation as outlined in "Expanded Alternative Groundwater Remedy Program" (Iris Environmental, 2006b). During this investigation (data gap investigation), four new monitoring wells were constructed, MW-17S, MW-18S, MW-19S, and MW20S. These wells are not currently part of the quarterly monitoring program, but are being used to evaluate the performance of existing monitoring wells. These new wells have been sampled six times: twice in July 2007, and once in October 2007, January 2008, April 2008 and July 2008. Existing on-site wells which are not part of the quarterly monitoring program were also sampled July 24 through 27, 2007. Results of the July 3, 2007 data gap investigation are presented in "Data Gap Investigation Report" and those from the July 24 through 27, 2007 investigation are presented in "Addendum to Data Gap Investigation Report" (Iris Environmental 2007b and 2007c).

Twenty-eight monitoring wells (including the four monitoring wells installed in June 2007 as part of the Data Gap Investigation) currently exist on the site. The locations of these wells are shown on Figure 1. Of the 28 wells, one well (MW-06A) is screened in the shallow and unsaturated consistently Gage Aquifer, 20 in the upper portion of the underlying Hollydale Aquifer (including the four new wells installed in June 2007), and 7 in the lower portion of the Hollydale Aquifer.

Throughout the groundwater sampling history at the PTI facility, additional laboratory analyses have periodically been conducted at the request of the U.S. Environmental Protection Agency (EPA) and/or DTSC. A historical summary of the groundwater program is provided in Table 1.

### 2.1.2 Current Groundwater Sampling

Groundwater gauging at 27 of the 28 wells is performed on a quarterly basis. However, data from wells MW-17S, MW-18S, MW-19S, and MW20S are not part of the current quarterly monitoring program and therefore not reported here. Well MW-02 is omitted due to its proximity to well MW-12S. Well MW-06A, completed in the Gage Aquifer, has been historically dry. Groundwater gauging results for the remaining 23 wells are included in this report.

After groundwater gauging was completed, 14 wells were sampled. These wells included: MW-01S, MW-01D, MW-03, MW-04, MW-04A, MW-06B, MW-06D, MW-07, MW-09, MW-11, MW-14S, MW-15S, MW-15D, and MW-16. These ten upper Hollydale Aquifer and four lower Hollydale Aquifer wells are analyzed for pH by method 150.1, dissolved metals (cadmium, chromium, and copper) by EPA Method 6010B, hexavalent chromium by EPA Method 7199, and VOCs by EPA Method 8260B.

For the July 2008 sampling event, the monitoring wells were purged and sampled in a sequence beginning with wells historically exhibiting lowest to highest concentrations of both hexavalent chromium and VOCs (as access allowed) in the following order: MW-09, MW-03, MW-11, MW-16, MW-01S, MW-01D, MW-15D, MW-15S, MW-14S, MW-07, MW-06B, MW-06D, MW-04A, and MW-04. The wells were generally gauged in an order from upgradient to downgradient wells. Iris Environmental contracted Blaine Tech Services Inc. to assist with well gauging, purging, and sampling. An Iris Environmental field personnel was present throughout the duration of the sampling event.

## 2.2 Sampling Procedures

Field sampling was conducted in general accordance with procedures detailed in the RFI Work Plan. Sampling practices included the following: measure static water level and total depth of each well in order to calculate pre-sampling purge volumes, check for floating product and hydrocarbon vapors at each well, purge, and collect a groundwater sample for laboratory analysis, decontaminate sampling equipment, and handle sample-filled containers in accordance with Section 4.3.3.5 of the RFI Work Plan. Copies of completed field forms are provided in Appendix A.

### 2.2.1 Organic Vapor Check

Standard field procedures included checking the interior of each well with a photoionization detector (PID) equipped with a 10.6 eV lamp for the presence of organic vapors whenever the well casing was opened. With the sampling team members standing upwind of the well, a background PID reading was recorded prior to

opening the well cap. The well cap was then opened slightly to allow the insertion of the PID probe tip inside the well. The peak reading was recorded in the field notes. The cap was then removed and the static water level was measured. The maximum and background PID readings taken during the collection of water level measurements are shown in Table 3.

### 2.2.2 Static Water Level/Well Depth Measurement

On July 28, 2008, the static water level of the 23 quarterly on-site wells was measured three times at each well location with a decontaminated water level indicator (sounder) prior to the initiation of pumping activities. The sounder probe and line were decontaminated after each use.

The water level in each well was also measured immediately prior to initiating well pumping procedures for calculation of well purge volume. The water level was measured periodically while pumping to determine drawdown.

Wellhead elevation data were used with depth to water measurements to calculate groundwater elevation at each well location. The results of the measurements in the 14 wells that are currently part of the quarterly groundwater monitoring program are shown in Table 3 and discussed in Section 5. One well (MW-06A) was dry.

### 2.2.3 Light Non-Aqueous Phase Liquids (LNAPL) Monitoring

To detect the presence of LNAPL, a clear disposable bailer was lowered approximately one-half the length of the bailer below the surface of the water of each sampled well. The bailer was removed from the well and its contents checked for LNAPL or sheen. The bailer used for LNAPL testing was decontaminated after each well so that it could be re-used for this purpose throughout the day. At the end of each day, the LNAPL test bailer was discarded.

If LNAPL or sheen had been detected, a sample would have been collected for laboratory analysis of VOCs (EPA Method 8260B) and total petroleum hydrocarbons (California Department of Health Services [CA DHS] Method) using a new bailer. As in all previous quarterly groundwater sampling at the PTI facility, LNAPL was not detected during the July 2008 sampling event.

### 2.2.4 Purge Volume Determination

Saturated casing volume was calculated at each well by using the depth to water and bottom sounding measurements obtained immediately prior to purging, to calculate the amount (height) of the saturated well casing. The inside diameter of the casing was then measured, and the following formula applied:

$$\text{Volume} = (\text{total depth-depth to water})\ (\text{radius}^2)$$

A minimum of three saturated casing volumes of water were removed from each well prior to collecting a groundwater sample for laboratory analysis.

Each well sampled was purged using a Grundfos 1.75-inch diameter variable-speed submersible pump, and each well was sampled using a new disposable bailer. The pump was installed approximately five feet above the bottom of the well.

Field parameters were measured during well purging using a multimeter and turbidity meter for all wells. These instruments were calibrated or field checked prior to use with standard solutions in accordance with manufacturer's directions. These instruments were used to determine the stability of groundwater field parameters prior to collection of a sample for laboratory analysis.

Field parameters of the discharge water were measured periodically and recorded on field forms. Field parameters included temperature, pH, conductivity, turbidity, dissolved oxygen, oxidation reduction potential, and depth to water. Characteristics such as color and odor were also noted and recorded. After a minimum of three saturated casing volumes of water were removed from each well, field parameters except turbidity stabilized to within 5 percent, and turbidity measurements were below 30 nephelometric turbidity units (NTU), with the exceptions of MW-01S, MW-04, MW-11 (which had turbidity measurements of 135 NTU, 130 NTU and 105 NTU, respectively, and were increasing after four to five case volumes were removed).

All purge water collected from each well was contained in a 400-gallon truck-mounted portable tank and then discharged into a container provided by PTI, to be treated within the PTI wastewater treatment system.

### 2.2.5 Sample Collection and Handling

Groundwater samples were collected with a new disposable bailer, and poured directly into pre-labeled sample bottles. During sample collection, the bailer was carefully lowered past the air/water interface to minimize agitation and aeration of water during sample collection. The sample bottles were placed inside plastic zip-lock bags and then placed immediately into an iced cooler. Water collected for dissolved metals analysis was field filtered using a new, disposable 0.45-micron filter.

Groundwater samples were collected for laboratory analysis of the following parameters:

- VOCs by EPA Method 8260B
- cadmium, copper, and chromium by EPA Method 6010B
- hexavalent chromium ($Cr^{+6}$) by EPA Method 7199
- pH by EPA Method 150.1

Groundwater sample bottles were numbered using the following format:

PTI-MW01S-078

Where:

| | | |
|---|---|---|
| PTI | - | designates site acronym |
| MW01S | - | designates monitoring well (MW) location number |
| EB | - | designates equipment blank sample |
| TB | - | designates travel blank sample |
| 078 | - | designates sequential sampling event number |

This was the 77th round of sampling; however, due to a previous labeling inconsistency, a 078 sequence number was assigned to all groundwater samples collected during this round. Sample label information included date and time of sampling, Iris Environmental sample number, and analytical parameters.

Chain-of-custody forms that indicated the label information as well as the responsible person during each step of the transportation process accompanied all filled sample containers that were collected from each well. All samples collected during this sampling event were sent by courier to Test America (formerly Del Mar Analytical) in Irvine, California on the day that they were collected, and a copy of the chain-of-custody form for that day was retained by Iris Environmental field personnel. Copies of completed chain-of-custody forms are included in Appendix A.

## 2.3 Equipment Decontamination Procedures

The following sections describe the procedures utilized to decontaminate groundwater sampling equipment.

### 2.3.1 Sampling Pump Decontamination

The submersible pump used for well purging was decontaminated using the "triple-rinse" method to reduce the possibility of cross-contamination between monitoring wells. The first step of the decontamination procedure was to submerge the pump into a solution of Alconox (laboratory-grade detergent) and deionized water, and to turn on the pump to circulate the solution. The second and third steps of the procedure were to submerge the pump into two sequential containers of deionized water and to turn on the pump to circulate the water in the respective container. Between each rinse, the exterior of the pump was steam cleaned prior to placing it in the subsequent rinse water. After the triple-rinse was finished, the exterior of the pump and electric cord were again steam cleaned. The decontamination water was stored with the purged groundwater temporarily within the sampling rig holding tank. The purged groundwater and decontamination water were discharged into a container provided by PTI, which PTI personnel later emptied into the internal wastewater treatment system.

### 2.3.2 Accessory Sampling Equipment Decontamination

Accessory sampling equipment such as the water level sounder was decontaminated to minimize the possibility of cross-contamination between the monitoring wells. The sounder was decontaminated by first spraying the sounding line with an Alconox-deionized water solution and rinsing with a steam cleaner. Bailers used to test for an immiscible layer were decontaminated and reused throughout the day. The bailers and nylon string that were used to sample wells were discarded immediately after use.

# Section 3
# Laboratory Testing

Test America provided analysis of 23 aqueous samples. Fourteen monitoring well samples, two blind duplicate samples from MW-04 and MW-09, three equipment blank (EB) samples, one field blank (DI), and three trip blanks (TB) were submitted to the laboratory. All samples except the trip blanks were analyzed for VOCs (EPA Method 8260B); cadmium, chromium, and copper (EPA Method 6010B); hexavalent chromium (EPA Method 7199); and pH (EPA Method 150.1). The trip blanks were analyzed for VOCs only.

The groundwater analytical results for quarterly monitoring are discussed in Section 6 and summarized in Tables 4 and 5. Quality assurance analytical results (duplicates, equipment blanks, and travel blanks) are discussed in Section 4 and summarized in Table 2.

# Section 4
# Quality Assurance

To verify the accuracy and validity of analytical data, certain quality assurance procedures were implemented. The field and laboratory quality assurance results were checked for deviations from the Quality Assurance (QA) guidelines discussed in the RFI Work Plan.

## 4.1 Field Quality Assurance

The field QA procedures included the use of duplicate samples, equipment blanks, travel blanks, and the use of chain-of-custody forms. The results of the QA analyses have been compiled in Table 2. Detection limits of parameters analyzed are shown in the analytical reports contained in Appendix D. Relative Percent Differences (RPD) between original and duplicate samples are also listed in Table 2.

### 4.1.1 Duplicate Samples

One duplicate sample for approximately every tenth sample was collected. During this round of sampling, duplicate samples were collected from monitoring wells MW-04 and MW-09. The duplicate samples were submitted to the analytical laboratory as blind samples. They were designated as MW-34 and MW-35 for MW-04 and MW-09, respectively, on the chain-of-custody forms. Monitoring wells MW-04 and MW-09 were selected due to elevated concentrations of certain contaminants detected during previous sampling rounds. Analytical results for the duplicate samples for July 2008 are shown in Table 2.

RPDs between samples and duplicates collected from wells MW-04 and MW-09 were less than 20 percent for all parameters.

### 4.1.2 Equipment Blanks

Three equipment blank samples were collected during this sampling event. On July 29, an equipment blank was obtained by pouring laboratory-provided deionized water through a new disposable bailer and a disposable 0.45-micron filter, and collecting the water into the appropriate pre-labeled and pre-preserved bottles. The purpose of this equipment blank was to evaluate the effectiveness of factory cleaning of the disposable bailers and filters. On July 30 and 31, an equipment blank was obtained each day by collecting the rinsate, using laboratory-provided deionized water, off of the freshly decontaminated pump. The purpose of the equipment blank was to determine that the pump was sufficiently decontaminated between wells.

The samples were collected in the appropriate containers and submitted for laboratory analysis of VOCs (EPA Method 8260B); cadmium, chromium, and copper (EPA Method 6010B); hexavalent chromium (EPA 7199); and pH (EPA 150.1). The laboratory provided laboratory grade deionized water used for the collection of the equipment blanks. The equipment blank samples for this sampling event were labeled each day on the chain-of-custody forms as follows:

July 29, 2008: PTI-EB01-078

July 30, 2008: PTI-EB02-078

July 31, 2008: PTI-EB03-078

The analytical results of the equipment blank samples are shown in Table 2, under well number "EB." No compounds were detected in the equipment blank samples, indicating that decontamination was sufficient to prevent cross-contamination throughout the sampling event.

### 4.1.3 Field Blank

The purpose of the field blank is to determine whether air-borne constituents at the site may be contributing to detections in water samples. This field blank is collected by pouring laboratory-provided water into the appropriate sample containers while on-site, during the sampling event. The field blank sample was labeled on the chain-of-Custody form, dated July 31, 2008, as PTI-FB01-078. Analytical results for the field blank, indicated with well number "FB," are shown in Table 2. No compounds were detected in the field blank samples.

### 4.1.4 Trip Blanks

The detection of compounds in trip blanks is generally indicative of systematic contamination from sample transport, laboratory glassware cleaning, laboratory storage, or analytical procedures. During the July 2008 sampling event, three laboratory-prepared travel blanks consisting of organic-free water was labeled and submitted to the laboratory for VOC analysis by EPA Method 8260B each day. The travel blanks were placed inside the cooler, and accompanied the sample containers during the sampling event. The trip blank samples were labeled on the chain-of-custody form for the corresponding dates as follows:

July 29, 2008: PTI-TB01-078

July 30, 2008: PTI-TB02-078

July 31, 2008: PTI-TB03-078

No compounds were detected in the travel blank samples, as shown with well number "TB" on Table 2.

### 4.1.5 Sample Control

All sample containers were labeled immediately prior to sampling with the sample identification information completed with a waterproof pen. Samples were transported under chain-of-custody and hand delivered by courier to the laboratory in iced coolers. Copies of the chain-of-custody records are included in Appendix A.

## 4.2 Laboratory Quality Assurance

All analytical analyses were performed by Test America in accordance with the analyses specified in the chain-of-custody for each groundwater sample. Internal laboratory quality assurance/quality control (QA/QC) results were provided with each sample analytical report. All method-specific and laboratory quality control (QC) criteria were met with the exception of those identified and noted in the laboratory data sheets within each analytical report.

In summary, none of the data has been qualified as rejected data due to not meeting method-specific and/or laboratory QC criteria. Therefore, the data is considered useable for site characterization purposes.

# Section 5
# Groundwater Elevation

On July 28, 2008, prior to the initiation of well purging procedures, the depth to groundwater was measured in the 23 on-site monitoring wells (excluding well MW-02 due to its proximity to MW-12S); groundwater elevations of the four most recently installed wells are not presented in this report. These wells were measured to evaluate the direction and gradient of groundwater flow underlying the facility and to help characterize the vertical gradients within the Hollydale Aquifer. Well MW-06A, completed in the Gage Aquifer, was dry during this quarterly monitoring event, and has been dry historically. Groundwater elevations were calculated by subtracting the depth to static water level from the surveyed elevation of the corresponding monitoring well.

## 5.1 Groundwater Flow Direction and Gradient

Figures 2 and 3 portray the approximate groundwater potentiometric surface of the upper and lower Hollydale Aquifer, respectively. The contours shown in Figures 2 and 3 were hand-drawn by an Iris Environmental geologist and then transferred into a CAD drawing. Table 3 lists the depths to water and groundwater elevations for each well sampled for the last year. Historic groundwater elevations are presented in Appendix C.

Figure 2 shows the approximate groundwater elevation of the upper Hollydale Aquifer for wells screened in the upper aquifer interval (45 feet below ground surface [bgs]). The direction of groundwater flow in the upper aquifer monitoring wells was approximately southwest at an average gradient of 0.0051 feet per foot (ft/ft). The gradient in the upper aquifer wells was higher than the gradient observed during the previous sampling event in April 2008, which was 0.0042 ft/ft.

Figure 3 shows the approximate groundwater elevation of the lower Hollydale Aquifer for wells screened in the deeper interval (78.3 to 123.5 feet bgs). Groundwater contours for the deeper wells follow the same general trend as those of the upper aquifer wells, with a direction of groundwater flow towards the southwest at an average gradient of 0.0051 ft/ft. This is higher than the average gradient of 0.0044 ft/ft observed during the previous quarter in April 2008.

## 5.2 Vertical Gradient

Of the 23 wells measured for water levels during this sampling round, there were seven locations where a lower Hollydale Aquifer well was measured adjacent to an upper Hollydale Aquifer well. The screened intervals of the upper aquifer wells vary (see Table 3), with 15 to 30 feet of screen placed within the interval from 45 to 77 feet bgs. Lower aquifer wells are screened with 15 to 20 feet of screen within the interval from 78.3 to 107 feet bgs, with the exception of MW-15D, which is screened from 108.5 to 123.5 feet bgs.

The groundwater elevation at upper aquifer wells MW-04, MW-06B, MW-12S, MW-13S, MW-14S, and MW-15S were 0.04 to 0.26 feet higher than their corresponding lower aquifer wells. MW-01S was 0.02 feet lower than its corresponding lower aquifer well. Based on these and past groundwater elevation comparisons among upper and lower aquifer well pairs, it does not appear that a well-defined vertical gradient between upper and lower aquifer intervals exists.

## 5.3 Historic Groundwater Fluctuations

Average groundwater elevations during the present sampling event (94.21 feet above Mean Sea Level [MSL]) decreased compared to the previous sampling event (98.67 feet MSL) by 4.46 feet. The maximum groundwater elevation decrease occurred in well MW-10 (4.90 feet), from 99.18 ft MSL in April 2008 to 94.28 ft MSL in July 2008.

Figures 4 and 5 show the fluctuation of groundwater elevations in the upper and lower Hollydale Aquifer, respectively, since 1988. Both hydrographs indicate that groundwater elevations fluctuate seasonally, with annual peaks generally during April. The hydrographs also indicate that groundwater elevation changes are observed relatively uniformly throughout the site.

# Section 6
# Groundwater Quality

Analytical results for the prior twelve-month period, in addition to the most recent quarterly sampling event, are summarized in Tables 4 and 5, for the 14 wells that are currently part of the quarterly monitoring program. Historical and recent sampling results are summarized in Appendix C. Laboratory analytical reports for all wells sampled during the July 2008 sampling round are provided in Appendix D.

## 6.1 Chlorinated VOCs

According to PTI personnel, with the exception of methylene chloride, chlorinated organic chemicals have not historically been used on-site in any of the production processes.

Table 4 shows the analytical results for VOCs in lower and upper aquifer wells sampled during July 2008. TCE was the primary compound detected, with miscellaneous other chlorinated VOCs also detected. The table also shows, for comparison purposes, maximum contaminant levels (MCLs) where established.

**Trichloroethene (TCE)**

TCE was detected in all 14 of the groundwater monitoring wells sampled. Concentrations of TCE detected in the upper and lower zone wells are shown on Figures 6 and 7, respectively. The highest concentration of TCE detected was 640 micrograms per liter ($\mu$g/L) in well MW-14S. The second highest concentration of TCE detected was 310 $\mu$g/L in well MW-04. All wells, except MW-15D at 1.6 $\mu$g/L, contained concentrations of TCE that exceeded the MCL of 5 $\mu$g/L.

Upper aquifer-well TCE concentrations this quarter ranged from 6.7 $\mu$g/L (MW-01S) to 640 $\mu$g/L (MW-14S). Lower aquifer-well TCE concentrations ranged from 1.6 (MW-15D) to 68 $\mu$g/L (MW-04A).

A review of the historical analytical results contained in Appendix C reveals that, with minor exceptions, TCE has historically been detected in all on-site monitoring wells, including the upgradient wells. Past discussions with Department of Health Services (now DTSC) and Regional Water Quality Control Board (RWQCB) staff indicated that TCE and other chlorinated organic compounds are generally recognized as regional groundwater contaminants. The highest TCE concentrations are generally found along the northern perimeter of the site, suggesting migration from off-site sources. However, during the January 2008 and July 2008 sampling events the highest concentrations occurred in wells MW-04 and MW-14S, and during the April 2008 sampling event the highest concentrations occurred in wells MW-09 and MW-14S. Wells MW-04, MW-09, and MW-14S are located in the central and southwest areas of the site, respectively, suggesting that portions of the plume have possibly moved onto the site.

## Other Chlorinated VOCs

During the July 2008 sampling event, other chlorinated VOCs were detected in the sampled wells (Table 4). Chlorinated VOCs detected other than TCE included: 1,1-dichloroethane (1,1 DCA); 1,1-Dichloroethene (1,1-DCE); 1,2,4-trichlorobenzene; 1,2-dichloroethane (1,2-DCA); carbon tetrachloride; chloroform; cis-1,2-dichloroethene(cis-1,2-DCE); methylene chloride; tetrachloroethene (PCE); trans-1,2-dichloroethene (trans-1,2-DCE); trichlorofluoromethane (Freon 11) and vinyl chloride.

1,1-DCA was detected in ten of the fourteen wells sampled, with concentrations ranging from 1.3 µg/L (MW-06B) to 150 µg/L (MW-04). The MCL for 1,1-DCA is 5 µg/L.

1,1-DCE was detected in twelve of the fourteen wells sampled, with concentrations ranging from 1.1 µg/L (MW-07) to 68 µg/L (MW-04). The MCL for 1,1-DCE is 6 µg/L.

1,2,4-Trichlorobenzene was detected in one well, with a detected concentration of 12 µg/L (MW- 14S). The MCL for 1,2,4-Trichlorobenzene is 0.5 µg/L.

1,2-DCA was detected in eight of the fourteen wells sampled, with concentrations ranging from 0.53 µg/L (MW-07) to 220 µg/L (MW-11). The MCL for 1,2-DCA is 0.5 µg/L.

Carbon tetrachloride was detected in two of the fourteen wells sampled, with concentrations of 4 µg/L (MW-14S) and 16 µg/L (MW-03). The MCL of carbon tetrachloride is 0.5 µg/L.

Chloroform was detected in six of the fourteen wells sampled, with concentrations ranging from 5.2 µg/L (MW-04) to 36 µg/L (MW-09). The MCL for the trihalomethanes, including chloroform, is 80 µg/L.

Cis-1,2-DCE was detected in nine of the fourteen wells sampled, with concentrations ranging from 1.2 µg/L (MW-01S) to 69 µg/L (MW-04). The MCL for cis-1,2-DCE is 6 µg/L.

Methylene chloride was detected in two of the fourteen wells sampled, with concentrations of 5.9 µg/L (the duplicate sample of MW-09) and 29 µg/L (the duplicate sample of MW-04). The MCL for methylene chloride is 5 µg/L.

PCE was detected in nine of the sampled wells, at concentrations ranging from 1.9 µg/L (MW-04A) to 16 µg/L (MW-01D). The MCL for PCE is 5 µg/L.

Trans-1,2-DCE was detected in one well, with a detected concentration of 5.4 µg/L (MW-16). The MCL of trans-1,2-DCE is 10 µg/L.

Trichlorofluoromethane (Freon 11) was detected in two wells, with concentrations of 2 µg/L (MW-06D) and 3.7 µg/L (MW-01D ). The MCL of trichlorofluoromethane is 150 µg/L.

Vinyl chloride was detected at one well, with a detected concentration of 0.57 µg/L (MW-16). The MCL of vinyl chloride is 0.5 µg/L.

Detections of these other chlorinated organic compounds are assumed to be related to the TCE plume.

## 6.2 Non-Chlorinated VOCs

Two 10,000-gallon underground storage tanks containing diesel and gasoline were, previously, located in the approximate center of the facility, due east of the drum wash area. During tank removal activities in July 1989, petroleum hydrocarbon contamination was discovered in the tank excavation (CDM, 1990). Therefore, the primary aromatic organic compounds of concern are the BTEX (benzene, toluene, ethylbenzene, and xylenes) compounds, which vary in both concentration and lateral extent.

Aromatic VOC results for July 2008 and the past year are presented in Table 4. Concentrations of total BTEX for the upper aquifer wells are illustrated on Figure 8. Total BTEX concentrations are calculated by adding the concentrations of the BTEX constituents. For non-detected constituents, the concentration is assumed to be equal to the detection limit. Historic sampling results indicate that non-chlorinated VOC contamination originated off-site from the north and has migrated onto the subject property.

During the July 2008 monitoring event benzene, ethylbenzene and xylenes were detected.

### Benzene

Benzene was detected in one well with a detected concentration of 0.51 µg/L (MW-15S). The MCL for benzene is 1 µg/L.

### Ethylbenzene

Ethylbenzene was detected in two wells at concentrations of 500 µg/L(MW-11) and 730 µg/L (MW-03). The MCL for ethylbenzene is 300 µg/L.

### Total Xylenes

Total xylenes were detected in one well with detected concentration of 88 µg/L (MW-03). The MCL for total xylenes is 1,750 µg/L.

## 6.3 Metals and pH

Table 5 shows the analytical results for cadmium, total and hexavalent chromium, copper, and pH for wells sampled during July 2008 and the past year.

### Hexavalent Chromium

Hexavalent chromium was detected in nine of the fourteen wells sampled, at concentrations ranging from 0.0012 mg/L (MW-06B) to 11 mg/L (duplicate sample of MW-04). Figure 9 shows the concentrations of hexavalent chromium detected in the upper aquifer wells during July 2008.

Historically, hexavalent chromium concentrations have generally been the highest at MW-04, followed by MW-09. Water purged from MW-04 has typically been yellow in color since the wells were sampled on a quarterly basis, beginning in January 1989. During this sampling round, the color of water from MW-04 and MW-09 were both noted as yellow. No other wells have exhibited yellow coloration or elevated hexavalent chromium concentrations. Figure 10 shows the concentrations of hexavalent chromium and groundwater elevations in MW-04 over time. Hexavalent chromium concentrations fell from a high of 120 mg/L in July 1989 and have fluctuated between non-detect and 33 mg/L since October 2001.

### Dissolved Total Chromium

Dissolved total chromium was detected above its reporting limit in eight monitoring wells during the July 2008 sampling event. Dissolved chromium concentrations ranged from 0.0051 mg/L (MW-07) to 11 mg/L (MW-04 and duplicate sample of MW-04). The MCL of total chromium is 0.05 mg/L. Figure 11 shows the concentrations of total dissolved chromium detected in upper aquifer monitoring wells during July 2008.

Figure 12 shows the concentrations of dissolved total chromium and corresponding groundwater elevations in MW-04 over time. Comparison of historical dissolved total chromium data with present data (Appendix C) indicates that dissolved total chromium concentrations over time have exhibited the same general trends in well MW-04 as hexavalent chromium. Historically, the highest dissolved total chromium concentrations have been detected in MW-04. Sporadic detections of dissolved total chromium close to the detection limit have occurred historically in nearly all upper aquifer wells on-site. Dissolved total chromium concentrations have decreased significantly from a high observed during 1989, and have fluctuated between 0.044 and 39.8 mg/L since October 2001.

### Cadmium

During the July 2008 sampling event, cadmium was detected at one monitoring well, MW-04 at 0.44 mg/L. The MCL for cadmium is 0.005 mg/L. Figure 13 shows the cadmium concentrations detected in the on-site wells during July 2008.

Cadmium has been detected consistently only in well MW-04. Figure 14 shows the concentrations of cadmium and corresponding groundwater elevations in MW-04 over time. As shown on Figure 14, cadmium concentrations have fluctuated considerably since July 1990.

### Copper

Copper was detected at a concentration greater than the reporting limit in six samples, at concentrations ranging from 0.014mg/L (MW-06D and MW-07) to 0.056 mg/L (MW-15D). None of the concentrations exceed the secondary MCL of 1.0 mg/L. Figure 15 shows the copper concentrations detected in the on-site wells during July 2008. Historically, with the exception of well MW-14S, copper has not been detected at concentrations above the secondary MCL in on-site monitoring wells.

### pH

Groundwater samples from all wells were measured for pH in the field during purging activities, and also by the analytical laboratory on the samples submitted for analysis. Field pH measurements were recorded on the field purge sheets during well purging. In July 2008, the field measurements of pH generally correlated with the values shown in Table 5, which range from 7.04 (duplicate samples of MW-09 and MW-04) to 7.80 (MW-01D).

# Section 7
# Statistical Evaluation

The following sections contain a statistical evaluation of the analytical results designed to determine if on-site wells have been impacted by metals, BTEX compounds or TCE. The statistical evaluation was performed using the Compliance and Remediation Statistics (CARStat) software. A detailed explanation of the software and statistical methods used is presented in Gibbons (1994). The statistical methods used are in compliance with applicable California Code of Regulations (Title 22, Division 4.5, Chapter 14, Article 6, Section 66264.97 [General Water Quality Monitoring and System Requirements]).

## 7.1 Determination of Background Prediction Interval

### Overview

The prediction interval is a method that is typically used in compliance monitoring to compare on-site or downgradient monitoring well analytical data to upgradient or background monitoring well data. The prediction interval represents the range for which the next measurement will be contained at a specified confidence level. For instance, an upper prediction limit (UPL) with 95 percent coverage and a 95 percent confidence level represents a value which, with 95 percent confidence, any new measurement in the background well will be exceeded less than 5 percent of the time.

For this evaluation, UPLs for the background wells (MW-01S and MW-01D) were calculated and compared to each individual on-site analytical result using a confidence level and coverage of 95 percent. When the concentrations of compounds detected in on-site wells exceed the calculated background UPL consistently, it suggests that those compounds may be present in on-site wells at concentrations that are significantly higher than background.

### Results

The statistical evaluation results are presented in Appendix E. Appendix E-1 includes all of the tabular data output from the CARStat evaluation for upper aquifer wells. Table 1 of Appendix E lists the background data from monitoring well MW-01S that were used to calculate the UPLs. Table 2 lists the current on-site data (from the July 2008 monitoring event). The frequencies of detection for each parameter in the background well and onsite wells is provided in Table 3. Table 4 lists the background well distribution results, based on the Shapiro-Wilk test for normality. In all cases except for TCE, the low detection frequencies required the use of the nonparametric prediction limit (a normal prediction limit was used for TCE in upper aquifer wells). Table 5 presents background well summary statistics, including the prediction limit and associated confidence level. A UPL calculation sheet for each compound is presented in Appendix E-1. Appendix E-2 includes all of the tabular data output from the CARStat evaluation for lower aquifer wells.

## 7.2 Comparison of Background and On-site Wells

### Overview

The on-site monitoring well data were compared to the UPL for each compound that was included in the statistical analysis. All historical and current on-site analytical data are compared to the background UPL in verification resampling mode. Verification resampling means that the test fails if a compound in on-site monitoring wells exceeds background if it is higher than the UPL for two consecutive monitoring events. Constituent-location combinations that failed the current statistical evaluation or need to be verified are highlighted by the statistical program.

### Results

The current and historical results of the UPL tests are included in Table 2 and Table 6 for the upper aquifer and lower aquifer on-site wells of Appendices E-1 and E-2, respectively. Each Appendix lists the constituent-location combinations that failed the current evaluation, concentration versus time charts for each constituent and on-site well location.

A summary of the results of the statistical evaluation for the upper aquifer wells is presented in Table 6 of the main report. Exceedances in on-site upper aquifer monitoring wells were observed for MW-03 (ethylbenzene, total xylenes and TCE), MW-04 (hexavalent chromium, total chromium, cadmium and TCE), MW-09 (hexavalent chromium, total chromium and TCE), MW-11 (ethylbenzene and TCE), MW-14S (hexavalent chromium, total chromium and TCE), and MW-15S (TCE). No exceedances were observed for upper aquifer monitoring wells MW-06B, MW-07 and MW-16. In general, these results are similar to those presented in previous monitoring reports. Only those compounds actually detected above the prediction limits were identified as an exceedance. The compounds with detection limits (for non-detects) that were higher than the background UPL were not flagged as an exceedance. The statistical evaluation of lower aquifer wells indicated that there was a copper exceedance in well MW-15D. There were no other exceedances in on-site lower aquifer monitoring wells.

# Section 8
# Monitoring Program Status

In the October 1990 groundwater monitoring report, changes in the quarterly groundwater sampling program were proposed. These changes were first implemented during the April 1991 sampling event and included reducing the number of wells sampled and parameters analyzed in each well. The current groundwater sampling program will only be used as an interim program, until the draft Water Quality Sampling and Analysis Plan (WQSAP) (Iris Environmental, August 2006a) has been approved and finalized. Based on over 20 years of quarterly monitoring at the site, off-site migration of the soluble metals plume has not been observed.

The analytical parameters for the July 2008 quarterly monitoring were as follows:

| Wells | Volatile Organic Compounds (EPA 8260B) | Chromium, Cadmium, Copper (EPA 6010B) | Hexavalent Chromium (EPA 7199) | pH (EPA 150.1) | Appendix IX (Various Methods) |
|---|---|---|---|---|---|
| MW-01S | X | X | X | X | |
| MW-01D | X | X | X | X | |
| MW-03 | X | X | X | X | |
| MW-04 | X | X | X | X | |
| MW-04A | X | X | X | X | |
| MW-06B | X | X | X | X | |
| MW-06D | X | X | X | X | |
| MW-07 | X | X | X | X | |
| MW-09 | X | X | X | X | |
| MW-11 | X | X | X | X | |
| MW-14S | X | X | X | X | |
| MW-15S | X | X | X | X | |
| MW-15D | X | X | X | X | |
| MW-16 | X | X | X | X | |

As discussed above, an updated WQSAP was submitted to DTSC in August 2006, detailing upgrades to the sampling program. The updated plan incorporated several of DTSC's comments to the prior draft plans, along with updating sampling and analytical protocols to meet current standards. Iris Environmental recommends that these changes be implemented, pursuant to DTSC approval of the WQSAP.

Gauging and sampling in July 2008 were conducted using the same procedures as the April 2008 sampling event. It should be noted that the four new wells (MW-17S, MW-18S, MW-19S and MW-20S) were sampled as part of a separate evaluation, and results will be discussed in a separate report.

# Section 9
# References


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**Table 1**
**Phibro-Tech Inc.**
**Groundwater Monitoring Program Summary**

| Sampling Event | Indicator Parameters | Trace Metals | Hexavalent Chromium | Chloride | Nitrate | Volatile Organics | Appendix IX | 1,4-Dioxane | Comments |
|---|---|---|---|---|---|---|---|---|---|
| 3/85 | Quad | Cu & Zn | X | X | X | -- | -- | -- | Sampled wells MW-1, 2, 3, 4, 5, & 6B. Sulfide, nickel, copper and zinc requested by DOHS and RWQCB. Also Appendix III parameters and water quality parameters (see footnote). |
| 7/85 | Quad | Cd, Cr | X | -- | X | -- | -- | -- | Sampled wells MW-4A, 7, 8, 10 and 11 |
| 3/86 | Quad | Cu & Zn | X | X | X | -- | -- | -- | Sampled 12 wells (MW1, 2, 3, 4, 4A, 5, 6B, 7, 8, 9, 10 & 11). Also Appendix III parameters and water quality parameters (see footnote). |
| 7/86, 9/86, 12/86 | Quad | Cd, Cr, Cu, Zn | X | X | X | 624 | -- | -- | Sampled all 12 wells (as previous) |
| 3/87 | Quad | Cd, Cr, Cu, Zn | X | X | X | 601/602 | -- | -- | Sampled 11 wells, not 4A |
| 7/87, 10/87, 2/88 | Quad | Cd, Cr, Cu, Zn | X | X | X | 601/602 | -- | -- | After July 1987, all 12 wells were sampled during each event |
| 6/88 | X (not Quad) | Cd, Cr, Cu, Zn | X | X | X | 601/602 | -- | -- | Performed statistical analysis (t-test) on Indicator Parameters (IPs). |
| 9/88 | -- | Cd, Cr, Cu, Zn | X | X | X | 601/602 | -- | -- | IPs & volatile organics from MW1, 2, 4A, 5, 6, 7 analyzed semi-annually in June/Dec. |
| 1/89 | Quad | Cd, Cr, Cu, Zn | X | X | X | 601/602 | -- | -- | After Jan. 1989, volatile organics analyzed for all 12 wells. |
| 4/89 | -- | Cd, Cr, Cu, Zn | X | X | X | 601/602 | -- | -- | |
| 7/89 | Quad | Cd, Cr, Cu, Zn | X | X | X | 601/602 | -- | -- | Performed statistical analysis of Jan. thru July 1989 data (IPs, total and hexavalent chromium). |
| 10/89 | -- | Cd, Cr, Cu, Zn | X | X | X | 601/602 | -- | -- | |
| 1/90 | Quad | Cd, Cr, Cu, Zn | X | X | X | 601/602 | -- | -- | |
| 4/90 | -- | Cd, Cr, Cu, Zn | X | X | X | 601/602 | -- | -- | |
| 7/90 | Quad | Cd, Cr, Cu, Zn | X | X | X | 601/602 | -- | -- | Performed statistical analysis of Jan. 1989 data (IPs, total and hexavalent chromium). |
| 10/90 | -- | Cd, Cr, Cu, Fe, Ni, Pb, Zn | X | X | X | 601/602 | X | -- | Sampled 22 wells, Appendix IX parameters analyses were performed on wells 4, 4A, 6B, 6D, 12S, 12D, 15S, 15D, plus a duplicate of 4. |
| 1/91 | Quad | Cd, Cr, Cu, Fe, Ni, Pb, Zn | X | X | X | 601/602 | -- | -- | Sampled 22 wells. |
| 4/91 | pH | Cd, Cr, Cu | X | -- | -- | 601/602 | -- | -- | New sampling program was initiated. Sampled 11 wells including wells MW-01S, MW-01D, -03, -04, -04A, -07, -09, -11, -14S, -15S, -15D. |
| 7/91 | pH | Cd, Cr, Cu | X | -- | -- | 601/602 | -- | -- | Performed annual statistical analysis. |
| 10/91 | pH | Cd, Cr, Cu | X | -- | -- | 601/602 | -- | -- | |
| 1/92 | pH only (all) TOC only (MW-01 & -04) | Cd, Cr, Cu | X | -- | Ammonia as N (MW-01 & -04) | 601/602 | -- | -- | Ammonia & TOC analyses added at MW-01S and MW-04. |
| 4/92 | pH only TOC only (MW-01 , -04, -09, -14S) | Cd, Cr, Cu | X | -- | Ammonia as N (MW-01, -04, -09, -14S) | 601/602 | EDB (MW-04) TPH (W-16) | -- | Sampled 14 wells including Wells MW-01S, -01D, -03, -04, -04A, -06B, -06D, -07, -09, -11, -14S, -15S, -15D, -16. Additional analysis as part of Phase II RFI; unfiltered metals on MW-04S and -14S. Pb and Ni on wells 1, 4, 14S, 15S, 16; Fe, Zn on well 16. |

**Table 1**
**Phibro-Tech, Inc.**
**Groundwater Monitoring Program Summary (continued)**

| Sampling Event | Indicator Parameters | Trace Metals | Hexavalent Chromium | Chloride | Nitrate | Volatile Organics | Appendix IX | 1,4-Dioxane | Comments |
|---|---|---|---|---|---|---|---|---|---|
| 7/92 | pH | Cd, Cr, Cu | X | -- | -- | 601/602 | -- | -- | Sampled 14 wells. Performed annual statistical analysis. |
| 10/92 | pH | Cd, Cr, Cu | X | -- | -- | 601/602 | -- | -- | Sampled 14 wells. |
| 1/93, 4/93 | pH | Cd, Cr, Cu | X | -- | -- | 8010/8020 | -- | -- | Sampled 14 wells. |
| 7/93 | pH | Cd, Cr, Cu | X | -- | | 8010/8020 (TVPH, TEPH) | -- | -- | Sampled 15 wells. (MW-13S was added) TVPH and TEPH analysis on MW-09, 13S, and 16 only. Performed annual statistical analysis. |
| 10/93 | pH | Cd, Cr, Cu | X | -- | -- | 8010/8020 | -- | -- | Sampled 15 wells (MW-13S not analyzed for metals and pH)<br>TVPH & TEPH analysis on MW-04, 07, 09, 13S, and 16 only.<br>Performed statistical analysis. |
| 1/94, 4/94 | pH | Cd, Cr, Cu | X | -- | -- | 8010/8020 | -- | -- | Sampled 14 wells<br>Performed statistical analysis. |
| 7/94 | pH | Cd, Cr, Cu | X | See comment | -- | 8010/8020 | -- | -- | Sampled 14 wells, chloride and sulfate analyses on MW-04, MW-09, MW-14S, MW-15S, MW-15D, and MW-16.<br>Performed statistical analysis |
| 10/94, 1/95, 4/95, 7/95, 10/95 | pH | Cd, Cr, Cu | X | -- | -- | 8010/8020 | -- | -- | Sampled 14 wells<br>Performed statistical analysis. |
| 1/96 | pH | Cd, Cr, Cu | X | -- | -- | 8010/8020 | -- | -- | Sampled 14 wells<br>Performed statistical analysis.<br>1995 Annual Report included as Appendix F. |
| 4/96, 7/96 | pH | Cd, Cr, Cu | X | -- | -- | 8010/8020 | -- | -- | Sampled 14 wells<br>Performed statistical analysis. |
| 10/96 | pH | Cd, Cr, Cu | X | -- | -- | 8010/ 8020 | -- | -- | Sampled 14 wells<br>Performed statistical analysis.<br>1996 Annual Report included as Appendix F. |
| 1/97 | pH | Cd, Cr, Cu | X | -- | -- | 8260, MTBE | -- | -- | Sampled 14 wells<br>Performed statistical analysis. |
| 4/97, 7/97 | pH | Cd, Cr, Cu | X | -- | -- | 8260 | -- | -- | Sampled 14 wells<br>Performed statistical analysis. |
| 10/97 | pH | Cd, Cr, Cu | X | -- | -- | 8260 | -- | -- | Sampled 14 wells<br>Performed statistical analysis.<br>1997 Annual Report included as Appendix F. |
| 1/98 | pH | Cd, Cr, Cu | X | -- | -- | 8260 | -- | -- | Sampled 14 wells<br>Performed statistical analysis. Hexavalent Chromium by Method 7196 in all wells; and by Method 218.6 in wells MW-4A, MW-14S, MW-15S, and MW-15D. |
| 4/98, 7/98 | pH | Cd, Cr, Cu | X | -- | -- | 8260 | -- | -- | Sampled 14 wells<br>Performed statistical analysis. |
| 10/98 | pH | Cd, Cr, Cu | X | -- | -- | 8260 | -- | -- | Sampled 14 wells<br>Performed statistical analysis.<br>1998 Annual Report included as Appendix F. |

**Table 1**
**Phibro-Tech, Inc.**
**Groundwater Monitoring Program Summary (continued)**

| Sampling Event | Indicator Parameters | Trace Metals | Hexavalent Chromium | Chloride | Nitrate | Volatile Organics | Appendix IX | 1,4-Dioxane | Comments |
|---|---|---|---|---|---|---|---|---|---|
| 1/99, 4/99, 7/99, 10/99, 01/00, 04/00, 10/00, 04/01 | pH | Cd,Cr,Cu | X* | -- | -- | 8260 | _ | -- | Sampled 14 wells<br>Performed statistical analysis.<br>Monitoring and reporting frequency changed from quarterly to semi-annually in April 2000.<br>Monitoring and reporting frequency changed back from semi-annually to quarterly in April 2001. |
| 07/01, 10/01 | pH | Cd,Cr,Cu | X* | -- | -- | 8260 | _ | MW-015<br>MW-04<br>MW-09<br>MW-11<br>MW-06D<br>MW-15D | Sampled 14 wells<br>Performed statistical analysis.<br>2001 Annual Report included as Appendix G (10/01)<br>1,4-Dioxane sampled in selected wells (MW-01S, MW-04, MW-04A, MW-06D, MW-11, and MW-15D) during 07/01 and 10/01. |
| 1/02, 4/02, 7/02 | pH | Cd,Cr, Cu | X | - | - | 8260B | - | - | Sampled 14 wells<br>Performed statistical analysis. |
| 10/02 | pH | Title 22 Metals | X | - | - | 8260B | X | - | Sampled 14 wells<br>Performed statistical analysis. Annual Report included results for Appendix IX analyses performed on samples from wells MW-04, MW-07, MW-11, and MW-14S. |
| 1/03, 4/03, 7/03 | pH | Cd, Cr, Cu | X | - | - | 8260B | - | - | Sampled 14 wells<br>Performed statistical analysis. |
| 10/03 | pH | Title 22 Metals | X | - | - | 8260B | X | - | Sampled 14 wells<br>Performed statistical analysis. Annual Report includes results for Appendix IX analyses performed on samples from wells MW-04, MW-07, MW-11, and MW-14S. |
| 1/04, 4/04, 7/04 | pH | Cd, Cr, Cu | X | - | - | 8260B | - | - | Sampled 14 wells<br>Performed statistical analysis.<br>Analyzed sample from MW-15S for PCBs (EPA Method 8082) during July 2004. |
| 10/04 | pH | Cd, Cr, Cu | X | - | - | 8260B | X | - | Sampled 12 wells (MW-01S and MW-16 contained insufficient water to sample).<br>Performed statistical analysis. Annual Report includes results for Appendix IX analyses and CA Title 22 Metals performed on samples from wells MW-04, MW-07, MW-11, and MW-14S. |
| 1/05, 4/05, 7/05 | pH | Cd, Cr, Cu | X | - | - | 8260B | - | - | Sampled 14 wells<br>Performed statistical analysis. |
| 10/05 | pH | Cd, Cr, Cu | X | - | - | 8260B | X | - | Sampled 14 wells |
| 1/06, 4/06, 7/06 | pH | Cd, Cr, Cu | X | - | - | 8260B | - | - | Sampled 14 wells<br>Performed statistical analysis. |

**Table 1**
**Phibro-Tech, Inc.**
**Groundwater Monitoring Program Summary (continued)**

| Sampling Event | Indicator Parameters | Trace Metals | Hexavalent Chromium | Chloride | Nitrate | Volatile Organics | Appendix IX | 1,4-Dioxane | Comments |
|---|---|---|---|---|---|---|---|---|---|
| 10/06 | pH | Cd, Cr, Cu | X | - | - | 8260B | X | X | Sampled 14 wells<br>Performed statistical analysis. Annual Report includes results for Appendix IX analyses and CA Title 22 Metals performed on samples from wells MW-04, MW-07, MW-11, and MW-14S. |
| 1/07, 4/07, 7/07 | pH | Cd, Cr, Cu | X | - | - | 8260B | - | - | Sampled 14 wells<br>Performed statistical analysis. |
| 10/07 | pH | Cd, Cr, Cu | X | - | - | 8260B | X | - | Sampled 14 wells<br>Performed statistical analysis. Annual Report includes results for Appendix IX analyses and CA Title 22 Metals performed on samples from wells MW-04, MW-07, MW-11, and MW-14S. |
| 1/08 | pH | Cd, Cr, Cu | X | - | - | 8260B | - | X | Sampled 14 wells<br>Performed statistical analysis. This quarterly report includes 1,4-Dioxane analyses from wells MW-04, MW-07, MW-08, MW-11, and MW-14S, and pesticides data from well MW-14S. |
| 4/08, 7/08 | pH | Cd, Cr, Cu | X | - | - | 8260B | - | - | Sampled 14 wells<br>Performed statistical analysis. |

**Notes:**
Appendix III Parameters - As, Ba, Cd, Cr, F, Pb, Hg, N, Se, Ag, Endrin, Lindane, Methoxychlor, Toxaphene, 2,4-D, 2,4,5-TP (Silvex), Radium, Gross Alpha & Beta, Turbidity, coliform bacteria.
Water Quality Parameters - Cl, Fe, Mn, Phenols, Na, SO4
Indicator Parameters (IP) - TOX, TOC, pH, EC (quadruplicate)
624 - Volatile organic compounds
601/602 - Volatile organic compounds
8010/8020 - Volatile organic compounds
8260 - Volatile organic compounds
MTBE - Methyl tertiary butyl ether
Appendix IX Parameters - See Appendix F in the October 2006 Quarterly Sampling Report for a complete listing of parameters.
* - Analytical method changed from EPA 7196 to 7199 beginning with the October 2000 Sampling Event

# Table 2
## Phibro-Tech, Inc.
## Groundwater Analytical Results - July 2008
## Field Quality Control Sample Analytical Summary

| Well Number | Sample Date | Sample Type | pH | Metals (mg/L) | | | | VOCs (ug/L) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | CD | CR | CR+6 | CU | PIPT | BEN | EBEN | TX | MCL | ISB | Chloro benzene | CFM | cis-1,2-DCE | 1,1-DCA | 1,2-DCA | 1,1-DCE | PCE | 1,1,1-TCA | 1,1,2-TCA | TCE | trans-1,2-DCE |
| EB | | | | | | | | | | | | | | | | | | | | | | | | |
| | 7/29/2008 | N | 8.47 HFT | 0.005 U | 0.005 U | 0.001 U | 0.01 U | 1 U | 0.5 U | 1 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| | 7/30/2008 | N | 8.3 HFT | 0.005 U | 0.005 U | 0.001 U | 0.01 U | 1 U | 0.5 U | 1 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| | 7/31/2008 | N | 8.33 HFT | 0.005 U | 0.005 U | 0.001 U | 0.01 U | 1 U | 0.5 U | 1 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| FB | | | | | | | | | | | | | | | | | | | | | | | | |
| | 7/31/2008 | F | 8.2 HFT | 0.005 U | 0.005 U | 0.001 U | 0.01 U | 1 U | 0.5 U | 1 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| TB | | | | | | | | | | | | | | | | | | | | | | | | |
| | 7/28/2008 | M | -- | -- | -- | -- | -- | 1 U | 0.5 U | 1 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| | 7/29/2008 | M | -- | -- | -- | -- | -- | 1 U | 0.5 U | 1 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| | 7/30/2008 | M | -- | -- | -- | -- | -- | 1 U | 0.5 U | 1 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| | 7/31/2008 | M | -- | -- | -- | -- | -- | 1 U | 0.5 U | 1 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| MW-04 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 7/31/2008 | | 7.15 HFT | 0.44 | 11 | 10 | 0.02 RL1,U | 5 U | 2.5 U | 5 U | 5 U | 28 | 5 U | 5 U | 5.2 | 69 | 150 | 190 | 68 | 5 U | 5 U | 5 U | 310 | 5 U |
| | | K | 7.04 HFT | 0.44 | 11 | 11 | 0.02 RL1,U | 4 U | 2 U | 4 U | 4 U | 29 | 4 U | 4 U | 5.5 | 68 | 150 | 180 | 66 | 4 U | 4 U | 4 U | 310 | 4 U |
| | | RPD | 1.6 % | 0 % | 0 % | 9.5 % | -- | -- | -- | -- | -- | 3.5 % | -- | -- | 5.6 % | 1.5 % | 0 % | 5.4 % | 3 % | | -- | -- | 0 % | -- |
| MW-09 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 7/29/2008 | | 7.07 HFT | 0.005 U | 8 | 8.3 | 0.01 U | 1 U | 0.5 U | 1 U | 1 U | 6 | 1 U | 1 U | 36 | 3.6 | 81 | 21 | 23 | 6.6 | 1 U | 1 U | 110 | 1 U |
| | | K | 7.04 HFT | 0.005 U | 8.2 | 8.3 | 0.01 U | 1 U | 0.5 U | 1 U | 1 U | 5.9 | 1 U | 1 U | 35 | 3.3 | 78 | 21 | 24 | 6.5 | 1 U | 1 U | 110 | 1 U |
| | 7/31/2008 | RPD | 0.4 % | -- | 2.5 % | 0 % | -- | -- | -- | -- | -- | 1.7 % | -- | -- | 2.8 % | 8.7 % | 3.8 % | 0 % | 4.3 % | 1.5 % | -- | -- | 0 % | -- |

# Table 2
## Phibro-Tech, Inc.
## Groundwater Analytical Results - July 2008
## Field Quality Control Sample Analytical Summary

| Well Number | Sample Date | Sample Type | pH | Metals (mg/L) | | | | | | | | | | | VOCs (ug/L) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | CD | CR | CR+6 | CU | PIPT | BEN | EBEN | TX | MCL | ISB | Chloro benzene | CFM | cis-1,2-DCE | 1,1-DCA | 1,2-DCA | 1,1-DCE | PCE | 1,1,1-TCA | 1,1,2-TCA | TCE | trans-1,2-DCE |

***Notes:***

CD = CADMIUM; CR = CHROMIUM; CR+6 = HEXAVALENT CHROMIUM; CU = COPPER; PIPT = P-isopropyl toluene; BEN = BENZENE; EBEN = ETHYLBENZENE; TX = TOTAL XYLENES; MCL = Methylene Chloride; ISB = Isopropylbenzene; CFM = CHLOROFORM; DCE = DICHLOROETHENE; DCA = DICHLOROETHANE; PCE = TETRACHLOROETHENE; TCA = TRICHLOROETHANE; TCE = TRICHLOROETHENE

pH analyzed by EPA Method 150.1. CD, CR, CU analyzed by EPA Method 6010B. CR+6 analyzed by EPA 7199. VOCs analyzed by EPA 8260B.

U = Not detected at a concentration greater than the reporting limit shown

-- = Sample not analyzed for this constituent, or RPD not applicable because neither the primary nor duplicate sample was detected

TB = Trip blank

FB = Field blank

HFT = Hold time for this anaysis is immediate. Sample was analyzed as soon as possible after reciept.

RL1 = Reporting limit raised due to sample matrix effects.

M1 = The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).

Sample Type:

K = Split sample

N = Equipment decontamination blank

F = Field blank sample

M = Trip blank sample

RPD = Relative Percent Difference between original and duplicate samples.
It is the difference divided by the average of the two values: |((A-B)/(A+B)/2)| x 100%

# Table 3
# Phibrotech, Inc.
# Groundwater Elevations

| Well ID | Perforated Intervals (feet bgs) | Well Headspace* (ppm) | Total Depth Constructed (feet bgs) | Total Depth Measured (feet below MP) | MP Elevation (feet MSL) | Date | Depth to Water (feet below MP) | Calculated Casing Fill (feet) | Groundwater Elevation (feet MSL) |
|---|---|---|---|---|---|---|---|---|---|
| MW-01D | 79.5-94.6 | 0.0 / 0.0 | 94.8 | 95.53 | 152.36 | 7/24/2007 | 47.20 | -- | 105.16 |
| | | 97.3 / 4.1 | 94.8 | 95.44 | 152.36 | 10/23/2007 | 53.10 | -- | 99.26 |
| | | 0.0 / 0.0 | 94.8 | 95.37 | 152.36 | 1/29/2008 | 55.09 | -- | 97.27 |
| | | 1.0 / 0.8 | 94.8 | 95.46 | 152.36 | 4/22/2008 | 52.26 | -- | 100.10 |
| | | 0.0 / 0.2 | 94.8 | 95.40 | 152.36 | 7/28/2008 | 56.42 | -- | 95.94 |
| MW-01S | 47-62.5 | 0.0 / 0.0 | 62.5 | 61.78 | 152.19 | 7/24/2007 | 47.05 | 0.7 | 105.14 |
| | | 0.0 / 0.0 | 62.5 | 61.70 | 152.19 | 10/23/2007 | 52.98 | 0.8 | 99.21 |
| | | 0.1 / 0.0 | 62.5 | 61.75 | 152.19 | 1/29/2008 | 54.84 | 0.8 | 97.35 |
| | | 0.1 / 0.0 | 62.5 | 61.71 | 152.19 | 4/22/2008 | 52.04 | 0.8 | 100.15 |
| | | 0.3 / 0.2 | 62.5 | 61.70 | 152.19 | 7/28/2008 | 56.27 | 0.8 | 95.92 |
| MW-03 | 45-75 | 9.2 / 0.0 | 75 | 75.67 | 154.36 | 4/17/2007 | 49.52 | -- | 104.84 |
| | | 7.8 / 0.0 | 75 | 75.47 | 154.36 | 7/24/2007 | 50.79 | -- | 103.57 |
| | | 13.5 / 0.0 | 75 | 75.50 | 154.36 | 10/23/2007 | 57.31 | -- | 97.05 |
| | | 1.4 / 0.0 | 75 | 75.48 | 154.36 | 1/29/2008 | 59.57 | -- | 94.79 |
| | | 1.0 / 0.0 | 75 | 75.68 | 154.36 | 4/22/2008 | 56.03 | -- | 98.33 |
| | | 0.3 / 0.0 | 75 | 75.71 | 154.36 | 7/28/2008 | 60.76 | -- | 93.6 |
| MW-04 | 45-75 | 1.3 / 0.0 | 67.5 | 69.95 | 152.11 | 4/17/2007 | 47.43 | -- | 104.68 |
| | | 1.1 / 0.0 | 67.5 | 69.85 | 152.11 | 7/24/2007 | 48.43 | -- | 103.68 |
| | | 0.0 / 0.0 | 67.5 | 69.73 | 152.11 | 10/23/2007 | 54.78 | -- | 97.33 |
| | | 0.0 / 0.0 | 67.5 | 65.36 | 152.11 | 1/29/2008 | 56.92 | 2.1 | 95.19 |
| | | 11.0 / 0.0 | 67.5 | 69.65 | 152.11 | 4/22/2008 | 53.56 | -- | 98.55 |
| | | 0.3 / 0.2 | 67.5 | 69.74 | 152.11 | 7/28/2008 | 58.16 | -- | 93.95 |
| MW-04A | 87-107 | 0.6 / 0.0 | 107 | 107.40 | 151.34 | 4/17/2007 | 46.49 | -- | 104.85 |
| | | 0.4 / 0.0 | 107 | 107.40 | 151.34 | 7/24/2007 | 47.64 | -- | 103.7 |
| | | 11.6 / 0.0 | 107 | 107.40 | 151.34 | 10/23/2007 | 54.07 | -- | 97.27 |
| | | 1.1 / 0.0 | 107 | 107.03 | 151.34 | 1/29/2008 | 56.30 | -- | 95.04 |
| | | 2.2 / 0.0 | 107 | 107.40 | 151.34 | 4/22/2008 | 53.03 | -- | 98.31 |
| | | 0.1 / 0.0 | 107 | 107.39 | 151.34 | 7/28/2008 | 57.58 | -- | 93.76 |
| MW-05 | 45-75 | 0.0 / 0.0 | 75 | 73.00 | 153.11 | 4/17/2007 | 49.02 | 2.0 | 104.09 |
| | | 0.0 / 0.0 | 75 | 73.00 | 153.11 | 7/24/2007 | 50.08 | 2.0 | 103.03 |
| | | 0.0 / 0.0 | 75 | 72.99 | 153.11 | 10/23/2007 | 56.68 | 2.0 | 96.43 |
| | | 0.0 / 0.0 | 75 | 72.98 | 153.11 | 1/29/2008 | 58.93 | 2.0 | 94.18 |
| | | 3.3 / 0.0 | 75 | 72.98 | 153.11 | 4/22/2008 | 55.54 | 2.0 | 97.57 |
| | | 0.2 / 0.1 | 75 | 73.00 | 153.11 | 7/28/2008 | 60.25 | 2.0 | 92.86 |
| MW-06A | 10-30 | 0.5 / 0.0 | 30 | 28.70 | -- | 4/17/2007 | DRY | 1.3 | -- |
| | | 0.6 / 0.0 | 30 | 28.72 | -- | 7/24/2007 | DRY | 1.3 | -- |
| | | 0.0 / 0.0 | 30 | 28.71 | -- | 10/23/2007 | DRY | 1.3 | -- |
| | | 0.2 / 0.0 | 30 | 28.72 | -- | 1/29/2008 | DRY | 1.3 | -- |
| | | 6.2 / 0.0 | 30 | 28.72 | -- | 4/22/2008 | DRY | 1.3 | -- |
| | | 8.1 / 0.2 | 30 | 28.70 | -- | 7/28/2008 | -- | 1.3 | DRY |
| MW-06B | 45-75 | 4.0 / 0.0 | 77 | 75.30 | 149.35 | 4/17/2007 | 44.58 | 1.7 | 104.77 |
| | | 2.8 / 0.0 | 77 | 75.23 | 149.35 | 7/24/2007 | 45.58 | 1.8 | 103.77 |
| | | 0.4 / 0.0 | 77 | 75.15 | 149.35 | 10/23/2007 | 51.51 | 1.8 | 97.84 |
| | | 0.0 / 0.0 | 77 | 75.04 | 149.35 | 1/29/2008 | 53.82 | 2.0 | 95.53 |
| | | 16.4 / 0.0 | 77 | 75.11 | 149.35 | 4/22/2008 | 50.77 | 1.9 | 98.58 |
| | | 0.0 / 0.0 | 77 | 75.18 | 149.35 | 7/28/2008 | 54.91 | 1.8 | 94.44 |
| MW-06D | 79-94 | 1.3 / 0.0 | 95.5 | 90.24 | 149.85 | 4/17/2007 | 45.10 | 5.3 | 104.75 |
| | | 1.2 / 0.0 | 95.5 | 90.20 | 149.85 | 7/24/2007 | 46.02 | 5.3 | 103.83 |
| | | 0.4 / 0.0 | 95.5 | 90.17 | 149.85 | 10/23/2007 | 51.96 | 5.3 | 97.89 |
| | | 0.0 / 0.0 | 95.5 | 90.03 | 149.85 | 1/29/2008 | 54.31 | 5.5 | 95.54 |
| | | 0.0 / 0.0 | 95.5 | 90.23 | 149.85 | 4/22/2008 | 51.36 | 5.3 | 98.49 |
| | | 0.4 / 0.1 | 95.5 | 90.11 | 149.85 | 7/28/2008 | 55.37 | 5.4 | 94.48 |

## Table 3
## Phibrotech, Inc.
## Groundwater Elevations

| Well ID | Perforated Intervals (feet bgs) | Well Headspace* (ppm) | Total Depth Constructed (feet bgs) | Total Depth Measured (feet below MP) | MP Elevation (feet MSL) | Date | Depth to Water (feet below MP) | Calculated Casing Fill (feet) | Groundwater Elevation (feet MSL) |
|---|---|---|---|---|---|---|---|---|---|
| MW-07 | 45-75 | 4.6 / 0.0 | 75 | 69.84 | 149.18 | 4/17/2007 | 44.80 | 5.2 | 104.38 |
| | | 5.7 / 0.0 | 75 | 69.75 | 149.18 | 7/24/2007 | 45.73 | 5.3 | 103.45 |
| | | 0.0 / 0.0 | 75 | 69.47 | 149.18 | 10/23/2007 | 51.96 | 5.5 | 97.22 |
| | | 0.0 / 0.0 | 75 | 69.10 | 149.18 | 1/29/2008 | 54.21 | 5.9 | 94.97 |
| | | 0.0 / 0.0 | 75 | 69.52 | 149.18 | 4/22/2008 | 51.13 | 5.5 | 98.05 |
| | | 0.2 / 0.1 | 75 | 69.45 | 149.18 | 7/28/2008 | 55.36 | 5.6 | 93.82 |
| MW-08 | 41-71 | 0.0 / 0.0 | 71 | 69.64 | 149.70 | 4/17/2007 | 44.70 | 1.4 | 105.00 |
| | | 3.1 / 0.0 | 71 | 69.70 | 149.70 | 7/24/2007 | 45.84 | 1.3 | 103.86 |
| | | 7.3 / 0.0 | 71 | 69.58 | 149.70 | 10/23/2007 | 52.02 | 1.4 | 97.68 |
| | | 1.1 / 0.0 | 71 | 69.54 | 149.70 | 1/29/2008 | 54.21 | 1.5 | 95.49 |
| | | 0.0 / 0.0 | 71 | 69.53 | 149.70 | 4/22/2008 | 51.07 | 1.5 | 98.63 |
| | | 0.2 / 0.2 | 71 | 69.68 | 149.70 | 7/28/2008 | 55.42 | 1.3 | 94.28 |
| MW-09 | 44-77 | 7.1 / 0.0 | 77 | 75.05 | 152.41 | 4/17/2007 | 47.27 | 2.0 | 105.14 |
| | | 6.5 / 0.0 | 77 | 75.08 | 152.41 | 7/24/2007 | 48.43 | 1.9 | 103.98 |
| | | 49.1 / 0.4 | 77 | 74.99 | 152.41 | 10/23/2007 | 54.69 | 2.0 | 97.72 |
| | | 0.0 / 0.0 | 77 | 74.86 | 152.41 | 1/29/2008 | 57.03 | 2.1 | 95.38 |
| | | 128.0 / 0.0 | 77 | 74.94 | 152.41 | 4/22/2008 | 53.68 | 2.1 | 98.73 |
| | | 0.4 / 0.1 | 77 | 75.02 | 152.41 | 7/28/2008 | 58.17 | 2.0 | 94.24 |
| MW-10 | 45-75 | 0.0 / 0.0 | 75 | 76.00 | 153.64 | 4/17/2007 | 48.48 | -- | 105.16 |
| | | 0.0 / 0.0 | 75 | 76.05 | 153.64 | 7/24/2007 | 49.68 | -- | 103.96 |
| | | 10.8 / 0.2 | 75 | 73.00 | 153.64 | 10/24/2007 | 56.11 | 2.0 | 97.53 |
| | | 0.4 / 0.4 | 75 | 73.52 | 153.64 | 1/29/2008 | 58.18 | 1.5 | 95.46 |
| | | 11.9 / 0.0 | 75 | 75.90 | 153.64 | 4/22/2008 | 54.46 | -- | 99.18 |
| | | 0.2 / 0.2 | 75 | 75.90 | 153.64 | 7/28/2008 | 59.36 | -- | 94.28 |
| MW-11 | 55-75 | 5.1 / 0.0 | 75.5 | 76.40 | 155.45 | 4/17/2007 | 49.97 | -- | 105.48 |
| | | 9.4 / 0.0 | 75.5 | 76.38 | 155.45 | 7/24/2007 | 51.20 | -- | 104.25 |
| | | 17.3 / 0.8 | 75.5 | 76.34 | 155.45 | 10/23/2007 | 57.58 | -- | 97.87 |
| | | 2.1 / 0.1 | 75.5 | 76.00 | 155.45 | 1/29/2008 | 59.50 | -- | 95.95 |
| | | 2.2 / 0.0 | 75.5 | 76.28 | 155.45 | 4/22/2008 | 56.40 | -- | 99.05 |
| | | 0.8 / 0.2 | 75.5 | 76.29 | 155.45 | 7/28/2008 | 60.90 | -- | 94.55 |
| MW-12D | 84.5-100 | 0.0 / 0.0 | 101.0 | 102.19 | 155.09 | 4/17/2007 | 49.30 | -- | 105.79 |
| | | 0.0 / 0.0 | 101.0 | 102.20 | 155.09 | 7/24/2007 | 50.60 | -- | 104.49 |
| | | 20.1 / 2.1 | 101.0 | 102.16 | 155.09 | 10/23/2007 | 56.91 | -- | 98.18 |
| | | 0.2 / 0.0 | 101.0 | 101.93 | 155.09 | 1/29/2008 | 58.92 | -- | 96.17 |
| | | 0.0 / 0.0 | 101.0 | 102.04 | 155.09 | 4/22/2008 | 55.72 | -- | 99.37 |
| | | 0.2 / 0.2 | 101.0 | 102.03 | 155.09 | 7/28/2008 | 60.27 | -- | 94.82 |
| MW-12S | 51-72 | 0.0 / 0.0 | 72.0 | 74.31 | 155.16 | 4/17/2007 | 49.17 | -- | 105.99 |
| | | 3.2 / 0.0 | 72.0 | 74.31 | 155.16 | 7/25/2007 | 49.90 | -- | 105.26 |
| | | 14.1 / 0.0 | 72.0 | 73.92 | 155.16 | 10/23/2007 | 56.81 | -- | 98.35 |
| | | 0.0 / 0.0 | 72.0 | 73.75 | 155.16 | 1/29/2008 | 58.74 | -- | 96.42 |
| | | 1.0 / 0.0 | 72.0 | 74.06 | 155.16 | 4/22/2008 | 55.65 | -- | 99.51 |
| | | 0.5 / 0.2 | 72.0 | 74.25 | 155.16 | 7/28/2008 | 60.08 | -- | 95.08 |
| MW-13D | 78.3-93.3 | 4.9 / 0.0 | 93.3 | 93.16 | 151.29 | 4/17/2007 | 45.77 | 0.1 | 105.52 |
| | | 3.6 / 0.0 | 93.3 | 93.18 | 151.29 | 7/24/2007 | 46.97 | 0.1 | 104.32 |
| | | 0.0 / 0.0 | 93.3 | 92.95 | 151.29 | 10/23/2007 | 53.18 | 0.3 | 98.11 |
| | | 0.6 / 0.0 | 93.3 | 92.84 | 151.29 | 1/29/2008 | 55.00 | 0.5 | 96.29 |
| | | 0.5 / 0.0 | 93.3 | 93.10 | 151.29 | 4/22/2008 | 52.13 | 0.2 | 99.16 |
| | | 0.1 / 0.2 | 93.3 | 92.93 | 151.29 | 7/28/2008 | 56.43 | 0.4 | 94.86 |
| MW-13S | 50.3-70.3 | 7.9 / 0.0 | 70.3 | 68.90 | 151.27 | 4/17/2007 | 45.71 | 1.4 | 105.56 |
| | | 8.2 / 0.0 | 70.3 | 68.95 | 151.27 | 7/24/2007 | 46.82 | 1.3 | 104.45 |
| | | 4.3 / 0.0 | 70.3 | 68.58 | 151.27 | 10/23/2007 | 53.08 | 1.7 | 98.19 |
| | | 3.9 / 0.0 | 70.3 | 68.67 | 151.27 | 1/29/2008 | 55.11 | 1.6 | 96.16 |
| | | 6.5 / 0.0 | 70.3 | 68.65 | 151.27 | 4/22/2008 | 52.06 | 1.6 | 99.21 |
| | | 0.2 / 0.2 | 70.3 | 68.84 | 151.27 | 7/28/2008 | 56.37 | 1.5 | 94.9 |

## Table 3
## Phibrotech, Inc.
## Groundwater Elevations

| Well ID | Perforated Intervals (feet bgs) | Well Headspace* (ppm) | Total Depth Constructed (feet bgs) | Total Depth Measured (feet below MP) | MP Elevation (feet MSL) | Date | Depth to Water (feet below MP) | Calculated Casing Fill (feet) | Groundwater Elevation (feet MSL) |
|---|---|---|---|---|---|---|---|---|---|
| MW-14D | 88-103 | 0.0 / 0.0 | 103.3 | 103.40 | 150.23 | 4/17/2007 | 45.80 | -- | 104.43 |
| | | 0.1 / 0.0 | 103.3 | 103.54 | 150.23 | 7/24/2007 | 46.92 | -- | 103.31 |
| | | 0.0 / 0.0 | 103.3 | 103.29 | 150.23 | 10/23/2007 | 53.31 | 0.0 | 96.92 |
| | | 0.0 / 0.0 | 103.3 | 103.27 | 150.23 | 1/29/2008 | 55.61 | 0.03 | 94.62 |
| | | 0.0 / 0.0 | 103.3 | 103.38 | 150.23 | 4/22/2008 | 52.23 | -- | 98.00 |
| | | 0.0 / 0.0 | 103.3 | 103.43 | 150.23 | 7/28/2008 | 56.84 | -- | 93.39 |
| MW-14S | 46-72 | 29.6 / 0.0 | 71.5 | 70.27 | 150.11 | 4/17/2007 | 45.60 | 1.2 | 104.51 |
| | | 18.1 / 0.0 | 71.5 | 70.20 | 150.11 | 7/24/2007 | 46.80 | 1.3 | 103.31 |
| | | 27.5 / 0.0 | 71.5 | 70.08 | 150.11 | 10/23/2007 | 53.09 | 1.4 | 97.02 |
| | | 0.0 / 0.0 | 71.5 | 70.08 | 150.11 | 1/29/2008 | 55.41 | 1.4 | 94.70 |
| | | 20.4 / 0.0 | 71.5 | 70.04 | 150.11 | 4/22/2008 | 51.91 | 1.5 | 98.20 |
| | | 0.5 / 0.0 | 71.5 | 70.06 | 150.11 | 7/28/2008 | 56.67 | 1.4 | 93.44 |
| MW-15D | 108.5-123.5 | 0.0 / 0.0 | 123.8 | 123.60 | 150.62 | 4/17/2007 | 46.55 | 0.2 | 104.07 |
| | | 0.0 / 0.0 | 123.8 | 123.50 | 150.62 | 7/24/2007 | 48.10 | 0.3 | 102.52 |
| | | 0.0 / 0.0 | 123.8 | 123.54 | 150.62 | 10/23/2007 | 54.28 | 0.3 | 96.34 |
| | | 0.2 / 0.0 | 123.8 | 123.34 | 150.62 | 1/29/2008 | 56.37 | 0.5 | 94.25 |
| | | 0.0 / 0.2 | 123.8 | 123.57 | 150.62 | 4/22/2008 | 53.11 | 0.2 | 97.51 |
| | | 0.0 / 0.0 | 123.8 | 123.51 | 150.62 | 7/28/2008 | 57.80 | 0.3 | 92.82 |
| MW-15S | 51.5-71.5 | 0.0 / 0.0 | 71.5 | 71.05 | 150.74 | 4/17/2007 | 46.63 | 0.5 | 104.11 |
| | | 0.0 / 0.0 | 71.5 | 71.16 | 150.74 | 7/24/2007 | 47.66 | 0.3 | 103.08 |
| | | 0.0 / 0.0 | 71.5 | 71.05 | 150.74 | 10/23/2007 | 54.08 | 0.5 | 96.66 |
| | | 0.0 / 0.0 | 71.5 | 70.79 | 150.74 | 1/29/2008 | 56.40 | 0.7 | 94.34 |
| | | 1.9 / 0.0 | 71.5 | 71.17 | 150.74 | 4/22/2008 | 53.07 | 0.3 | 97.67 |
| | | 0.0 / 0.0 | 71.5 | 71.04 | 150.74 | 7/28/2008 | 57.68 | 0.5 | 93.06 |
| MW-16 | 42-62 | 24.5 / 0.0 | 62.5 | 61.73 | 149.98 | 4/17/2007 | 45.08 | 0.8 | 104.90 |
| | | 9.7 / 0.0 | 62.5 | 61.63 | 149.98 | 7/24/2007 | 46.19 | 0.9 | 103.79 |
| | | 32.2 / 0.3 | 62.5 | 61.69 | 149.98 | 10/23/2007 | 52.28 | 0.8 | 97.70 |
| | | 0.0 / 0.0 | 62.5 | 61.58 | 149.98 | 1/29/2008 | 54.61 | 0.9 | 95.37 |
| | | 1.1 / 0.0 | 62.5 | 61.70 | 149.98 | 4/22/2008 | 51.52 | 0.8 | 98.46 |
| | | 0.3 / 0.1 | 62.5 | 55.76 | 149.98 | 7/28/2008 | 61.68 | 6.7 | 88.30 |

MP = Measuring point (top of casing)
--- = Not measured or not calculated.
bgs = below ground surface
ppm = parts per million
NM = Not measured
MSL = mean sea level
* Measured with PID prior to sampling (casing/background).

**Table 4**
**Phibro-Tech, Inc.**
**Groundwater Analytical Results**
**Volatile Organic Compounds (VOCs) Analytical Summary**

| Well Number | Sample Date | Sample Type | Non-chlorinated VOCs | | | | | | | Chlorinated VOCs | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Ben (1) | Tol (150) | e-Ben (300) | T-Xyl (1,750) | ISB | N-Propyl benzene | NAP | Chloro benzene (70) | Chloro ethane | CCl4 (0.5) | CFM (80) | cis-1,2-DCE (6) | 1,1-DCA (5) | 1,2-DCA (0.5) | 1,2-DCB (600) | 1,4-DCB (5) | 1,1-DCE (6) | MCL (5) | trans-1,2-DCE (10) | PCE (5) | 1,1,1-TCA (200) | 1,1,2-TCA (5) | 1,2,3-TCB (5) | 1,2,4-TCB (5) | 1,2,4-TMB | TCE (5) | TFM (150) | Vinyl chloride (0.5) |
| MW-01D | 7/24/2007 | | 0.88 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1.1 | 5 U | 1 U | 9 | 1 U | 1 U | 1 U | 1 U | 1 U | 37 | 6.9 | 0.5 U |
| | 10/23/2007 | | 0.81 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 L,U | 0.5 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 5 U | 1 U | 8.6 | 1 U | 1 U | 1 U | 1 U | 1 U | 17 | 2.4 | 0.5 U |
| | 1/29/2008 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 5 U | 1 U | 12 | 1 U | 1 U | 1 U | 1 U | 1 U | 21 | 1.6 | 0.5 U |
| | 4/22/2008 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 5 U | 1 U | 10 | 1 U | 1 U | 1 U | 1 U | 1 U | 19 | 1.3 | 0.5 U |
| | 7/30/2008 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 2.4 | 5 U | 1 U | 16 | 1 U | 1 U | 1 U | 1 U | 1 U | 34 | 3.7 | 0.5 U |
| MW-01S | 7/24/2007 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 2.8 | 1.2 | 0.53 | 1 U | 1 U | 1 U | 5 U | 1 U | 1.9 | 1 U | 1 U | 1 U | 1 U | 1 U | 6 | 1 U | 0.5 U |
| | 10/23/2007 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 L,U | 0.5 U | 1 U | 2 | 1 U | 0.52 | 1 U | 1 U | 1 U | 5 U | 1 U | 2.5 | 1 U | 1 U | 1 U | 1 U | 1 U | 5.7 | 1 U | 0.5 U |
| | 1/29/2008 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 5 U | 1 U | 2.6 | 1 U | 1 U | 1 U | 1 U | 1 U | 5.9 | 1 U | 0.5 U |
| | 4/22/2008 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1.1 | 1 U | 0.5 U | 1 U | 1 U | 1 U | 5 U | 1 U | 3.7 | 1 U | 1 U | 1 U | 1 U | 1 U | 5.9 | 1 U | 0.5 U |
| | 7/30/2008 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1.2 | 1 U | 0.5 U | 1 U | 1 U | 1 U | 5 U | 1 U | 4.5 | 1 U | 1 U | 1 U | 1 U | 1 U | 6.7 | 1 U | 0.5 U |
| MW-03 | 7/25/2007 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 28 | 32 | 1.2 | 28 | 23 | 1 U | 1 U | 16 | 5 U | 1 U | 7.7 | 1 U | 1 U | 1 U | 1 U | 1 U | 140 MHA | 1 U | 0.5 U |
| | 10/23/2007 | | 1.3 | 1 U | 40 | 24 | 1 U | 1 U | 1 U | 1 U | 1 L,U | 17 | 20 | 1.5 | 27 | 58 | 1 U | 1 U | 23 | 5 U | 1 U | 5.7 | 1 U | 1 U | 1 U | 1 U | 1 U | 150 | 1 U | 0.5 U |
| | 1/29/2008 | | 2.5 U | 5 U | 160 | 7.1 | 5 U | 5 U | 5 U | 5 U | 5 U | 4.6 | 14 | 10 | 40 | 62 | 5 U | 5 U | 28 | 25 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 230 | 5 U | 2.5 U |
| | 4/24/2008 | | 1.1 | 1 U | 42 | 1 U | 1 L,U | 1 U | 1 U | 1 U | 1 U | 33 | 61 | 1 U | 21 | 100 | 1 U | 1 U | 18 | 5 U | 1 U | 7.2 | 1 U | 1 U | 1 U | 1 U | 1 U | 130 | 1 U | 0.5 U |
| | 7/30/2008 | | 5 U | 10 U | 730 | 88 | 10 U | 10 U | 10 U | 10 U | 10 U | 16 | 34 | 10 U | 35 | 62 | 10 U | 10 U | 26 | 50 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 180 | 10 U | 5 U |
| MW-04 | 7/27/2007 | | 20 U | 40 U | 2100 | 2400 | 40 U | 40 U | 40 U | 40 U | 40 U | 20 U | 40 U | 150 | 170 | 29 | 40 U | 40 U | 46 | 200 U | 40 U | 40 U | 40 U | 40 U | 40 U | 40 U | 40 U | 180 | 40 U | 20 U |
| | 7/27/2007 | K | 20 U | 40 U | 2100 | 2410 | 40 U | 40 U | 40 U | 40 U | 40 U | 20 U | 40 U | 140 | 180 | 27 | 40 U | 40 U | 50 | 200 U | 40 U | 40 U | 40 U | 40 U | 40 U | 40 U | 40 U | 180 | 40 U | 20 U |
| | 10/25/2007 | | 20 U | 20 U | 3000 | 373 | -- | -- | 9.43 U | 20 U | 50 U | 50 U | 20 U | 180 | 140 | 41 | 20 U | 20 U | 50 U | 50 U | 20 U | 20 U | 20 U | 20 U | -- | 9.43 U | -- | 78 | 50 U | 50 U |
| | 10/25/2007 | K | 20 U | 40 U | 3800 | 340 | 52 | 40 U | 40 U | 40 U | 40 U | 20 U | 40 U | 200 | 160 | 48 | 40 U | 40 U | 53 | 200 U | 40 U | 40 U | 40 U | 40 U | 40 U | 40 U | 40 U | 83 | 40 U | 20 U |
| | 1/31/2008 | | 3.8 | 5 U | 27 | 5 U | 8.6 | 5 U | 5 U | 5 U | 5 U | 2.5 U | 6 | 110 | 220 | 180 | 5 U | 5 U | 71 | 32 | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 350 | 5 U | 2.5 U |
| | 1/31/2008 | K | 3.8 | 5 U | 26 | 5 U | 7.8 | 5 U | 5 U | 5 U | 5 U | 2.5 U | 5.6 | 110 | 210 | 170 | 5 U | 5 U | 68 | 31 | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 340 | 5 U | 2.5 U |
| | 4/24/2008 | | 1.8 | 1 U | 4.6 | 1 U | 1 U | 1 U | 1 U | 2.7 | 1 U | 0.5 U | 5 | 66 | 120 | 170 | 1 U | 1 U | 52 | 13 | 2.3 | 3.4 | 1 U | 1 U | 1 U | 1 U | 1 U | 190 | 1 U | 0.5 U |
| | 4/24/2008 | K | 1.7 | 1 U | 4.5 | 1 U | 1 U | 1 U | 1 U | 2.6 | 1 U | 0.5 U | 5 | 65 | 120 MHA | 160 | 1 U | 1 U | 51 | 13 | 2.4 | 3.4 | 1 U | 1 U | 1 U | 1 U | 1 U | 180 MHA | 1 U | 0.5 U |
| | 7/31/2008 | | 2.5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 2.5 U | 5.2 | 69 | 150 | 190 | 5 U | 5 U | 68 | 28 | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 310 | 5 U | 2.5 U |
| | 7/31/2008 | K | 2 U | 4 U | 4 U | 4 U | 4 U | 4 U | 4 U | 4 U | 4 U | 2 U | 5.5 | 68 | 150 | 180 | 4 U | 4 U | 66 | 29 | 4 U | 4 U | 4 U | 4 U | 4 U | 4 U | 4 U | 310 | 4 U | 2 U |
| MW-04A | 7/27/2007 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 6.1 | 7.7 | 150 | 0.5 U | 1 U | 1 U | 17 | 5 U | 1.2 | 1.1 | 1.4 | 1 U | 1 U | 1 U | 1 U | 78 | 1 U | 0.5 U |
| | 10/25/2007 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1.5 | 1.6 | 32 | 0.5 U | 1 U | 1 U | 3.6 | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 25 | 1 U | 0.5 U |
| | 1/31/2008 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 2.1 | 2 | 40 | 0.5 U | 1 U | 1 U | 4 | 5 U | 1 U | 1.3 | 1 U | 1 U | 1 U | 1 U | 1 U | 40 | 1 U | 0.5 U |
| | 4/24/2008 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 4.3 | 4.2 | 100 | 0.5 U | 1 U | 1 U | 9.4 | 5 U | 1 U | 1.4 | 1 U | 1 U | 1 U | 1 U | 1 M2,U | 57 | 1 U | 0.5 U |
| | 7/31/2008 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 5.5 | 4 | 110 MHA | 0.5 U | 1 U | 1 U | 9.7 | 5 U | 1 U | 1.9 | 1 U | 1 U | 1 U | 1 U | 1 U | 68 M1 | 1 U | 0.5 U |
| MW-06B | 7/26/2007 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 5 U | 1 U | 2.2 | 1 U | 1 U | 1 U | 1 U | 1 U | 7.3 | 1 U | 0.5 U |
| | 10/25/2007 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 5 U | 1 U | 3.5 | 1 U | 1 U | 1 U | 1 U | 1 U | 9.8 | 1 U | 0.5 U |
| | 1/29/2008 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1.2 | 0.5 U | 1 U | 1 U | 1.4 | 5 U | 1 U | 10 | 1 U | 1 U | 1 U | 1 U | 1 U | 16 | 1 U | 0.5 U |
| | 4/24/2008 | | 0.5 U | 1 U | 1 U | 1 U | 1 L,U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 5 U | 1 U | 10 | 1 U | 1 U | 1 U | 1 U | 1 U | 14 | 1 U | 0.5 U |
| | 7/31/2008 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1.3 | 0.5 U | 1 U | 1 U | 1.3 | 5 U | 1 U | 11 | 1 U | 1 U | 1 U | 1 U | 1 U | 11 | 1 U | 0.5 U |

**Table 4**
**Phibro-Tech, Inc.**
**Groundwater Analytical Results**
**Volatile Organic Compounds (VOCs) Analytical Summary**

| Well Number | Sample Date | Sample Type | Non-chlorinated VOCs | | | | | | | Chlorinated VOCs | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Ben (1) | Tol (150) | e-Ben (300) | T-Xyl (1,750) | ISB | N-Propyl benzene | NAP | Chloro benzene (70) | Chloro ethane | CCl4 (0.5) | CFM (80) | cis-1,2-DCE (6) | 1,1-DCA (5) | 1,2-DCA (0.5) | 1,2-DCB (600) | 1,4-DCB (5) | 1,1-DCE (6) | MCL (5) | trans-1,2-DCE (10) | PCE (5) | 1,1,1-TCA (200) | 1,1,2-TCA (5) | 1,2,3-TCB (5) | 1,2,4-TCB (5) | 1,2,4-TMB | TCE (5) | TFM (150) | Vinyl chloride (0.5) |
| MW-06D | 7/26/2007 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 5 U | 1 U | 9 | 1 U | 1 U | 1 U | 1 U | 1 U | 16 | 1.5 | 0.5 U |
| | 10/25/2007 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 5 U | 1 U | 5.9 | 1 U | 1 U | 1 U | 1 U | 1 U | 14 | 1.1 M1 | 0.5 M1,U |
| | 1/29/2008 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 5 U | 1 U | 6.8 | 1 U | 1 U | 1 U | 1 U | 1 U | 16 | 1 U | 0.5 U |
| | 4/24/2008 | | 0.5 U | 1 U | 1 U | 1 U | 1 L,U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 5 U | 1 U | 8.6 | 1 U | 1 U | 1 U | 1 U | 1 U | 19 | 1 U | 0.5 U |
| | 7/31/2008 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1.4 | 5 U | 1 U | 13 | 1 U | 1 U | 1 U | 1 U | 1 U | 28 | 2 | 0.5 U |
| MW-07 | 7/26/2007 | | 0.78 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1.9 | 24 | 72 | 34 | 1 U | 1 U | 10 | 5 U | 3 | 1.7 | 1 U | 1 U | 1 U | 1 U | 1 U | 84 | 1 U | 0.5 U |
| | 10/25/2007 | | 2 U | 2 U | 2 U | 2 U | -- | -- | 9.43 U | 2 U | 5 U | 5 U | 2 U | 2 U | 6.8 | 2 U | 2 U | 2 U | 5 U | 5 U | 2 U | 2 U | 2 U | 2 U | -- | 9.43 U | -- | 7.9 | 5 U | 5 U |
| | 1/29/2008 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5.7 | 25 | 2.2 | 1 U | 1 U | 2.5 | 5 U | 1 U | 2.2 | 1 U | 1 U | 1 U | 1 U | 1 U | 25 | 1 U | 0.5 U |
| | 4/24/2008 | | 0.5 U | 1 U | 1 U | 1 U | 1 L,U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 6.2 | 29 | 2 | 1 U | 1 U | 3 | 5 U | 1 U | 2.4 | 1 U | 1 U | 1 U | 1 U | 1 U | 31 | 1 U | 0.5 U |
| | 7/31/2008 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1.3 | 6.6 | 0.53 | 1 U | 1 U | 1.1 | 5 U | 1 U | 2.6 | 1 U | 1 U | 1 U | 1 U | 1 U | 10 | 1 U | 0.5 U |
| MW-09 | 7/27/2007 | | 1.7 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1.3 | 1.1 | 0.5 U | 99 | 19 | 260 MHA | 450 | 1 U | 1 U | 49 | 23 | 3.6 | 8 | 4.1 | 1.8 | 1 U | 1 U | 1 U | 330 | 1 U | 0.5 U |
| | 7/27/2007 | K | 1.7 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1.4 | 1.4 | 0.5 U | 110 | 22 | 280 | 450 | 1 U | 1 U | 53 | 25 | 3.9 | 8.4 | 4.5 | 1.7 | 1 U | 1 U | 1 U | 320 | 1 U | 0.5 U |
| | 10/25/2007 | | 2.5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 2.5 U | 120 | 7.1 | 220 | 330 | 5 U | 5 U | 50 | 290 | 5 U | 7.6 | 5 U | 5 U | 5 U | 5 U | 5 U | 270 | 5 U | 2.5 U |
| | 10/25/2007 | K | 2.5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 2.5 U | 130 | 7.8 | 240 | 370 | 5 U | 5 U | 52 | 320 | 5 U | 7.5 | 5 U | 5 U | 5 U | 5 U | 5 U | 280 | 5 U | 2.5 U |
| | 1/31/2008 | | 2 U | 4 U | 4 U | 4 U | 4 U | 4 U | 4 U | 4 U | 4 U | 2 U | 81 | 9.6 | 180 | 35 | 4 U | 4 U | 39 | 34 | 4 U | 7.2 | 4 U | 4 U | 4 U | 4 U | 4 U | 200 | 4 U | 2 U |
| | 1/31/2008 | K | 2.5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 2.5 U | 89 | 8.1 | 170 | 50 | 5 U | 5 U | 32 | 25 U | 5 U | 6.8 | 5 U | 5 U | 5 U | 5 U | 5 U | 180 | 5 U | 2.5 U |
| | 4/24/2008 | | 1.4 | 1 U | 1 U | 1 U | 1 L,U | 1 U | 1 U | 1.5 | 1 U | 0.5 U | 150 | 17 | 300 | 60 | 1 U | 1 U | 61 | 30 | 1.9 | 10 | 2.9 | 2.2 | 1 U | 1 U | 1 U | 470 | 1 U | 0.5 U |
| | 4/24/2008 | K | 5 U | 10 U | 10 U | 10 U | 10 L,U | 10 U | 10 U | 10 U | 10 U | 5 U | 150 | 16 | 330 | 58 | 10 U | 10 U | 57 | 50 U | 10 U | 10 | 10 U | 10 U | 10 U | 10 U | 10 U | 360 | 10 U | 5 U |
| | 7/29/2008 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 36 | 3.6 | 81 | 21 | 1 U | 1 U | 23 | 6 | 1 U | 6.6 | 1 U | 1 U | 1 U | 1 U | 1 U | 110 | 1 U | 0.5 U |
| | 7/29/2008 | K | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 35 | 3.3 | 78 | 21 | 1 U | 1 U | 24 | 5.9 | 1 U | 6.5 | 1 U | 1 U | 1 U | 1 U | 1 U | 110 | 1 U | 0.5 U |
| MW-11 | 7/25/2007 | | 5 U | 17 | 74 | 67 | 10 U | 10 U | 10 U | 10 U | 10 U | 5 U | 33 | 190 | 270 | 5 | 10 U | 10 U | 56 | 50 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 840 | 10 U | 5 U |
| | 10/24/2007 | | 2.9 | 4.8 | 240 | 48 | -- | -- | 9.52 U | 2.9 | 5 U | 5 U | 6.2 | 140 | 54 | 230 | 2.9 | 2 U | 15 | 5 U | 2 U | 3.3 | 2 U | 2 U | -- | 9.52 U | -- | 140 | 5 U | 5 U |
| | 1/30/2008 | | 1.2 U | 2.5 U | 64 | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 1.2 U | 5.9 | 26 | 44 | 100 | 2.5 U | 2.5 U | 13 | 12 U | 2.5 U | 5.3 | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 240 | 2.5 U | 1.2 U |
| | 4/23/2008 | | 2 U | 4 U | 4 U | 4 U | 4 L,U | 4 U | 4 U | 4 U | 4 U | 2 U | 7.8 | 30 | 73 | 100 | 4 U | 4 U | 24 | 20 U | 4 U | 5.4 | 4 U | 4 U | 4 U | 4 U | 4 U | 330 | 4 U | 2 U |
| | 7/30/2008 | | 2.5 U | 5 U | 500 | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 2.5 U | 5 U | 30 | 41 | 220 | 5 U | 5 U | 14 | 25 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 220 | 5 U | 2.5 U |
| MW-14S | 7/25/2007 | | 1.5 | 2 U | 64 | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 1 U | 8.6 | 21 | 48 | 29 | 2 U | 2 U | 20 | 10 U | 2 U | 2.5 | 2 U | 2 U | 2 U | 2 U | 2 U | 180 | 2 U | 1 U |
| | 10/23/2007 | | 20 U | 20 U | 42 | 20 U | -- | -- | 9.43 U | 20 U | 50 U | 50 U | 30 | 52 | 130 | 28 | 20 U | 20 U | 50 U | 50 U | 20 U | 20 U | 20 U | 20 U | -- | 9.43 U | -- | 540 | 50 U | 50 U |
| | 1/30/2008 | | 2.5 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 5.2 | 1 U | 3.7 | 26 | 47 | 120 | 46 | 1 | 1 U | 61 | 11 | 1.1 | 5 | 1 U | 1 U | 2.2 | 8.4 | 1 U | 550 | 1 U | 0.5 U |
| | 4/22/2008 | | 2.5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 2.5 U | 20 | 33 | 85 | 42 | 5 U | 5 U | 41 | 27 | 5 U | 5 U | 5 U | 5 U | 5 U | 8.9 | 5 U | 390 | 5 U | 2.5 U |
| | 7/30/2008 | | 2.5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 4 | 30 | 33 | 120 | 65 | 5 U | 5 U | 65 | 25 U | 5 U | 5 U | 5 U | 5 U | 5 U | 12 | 5 U | 640 | 5 U | 2.5 U |
| MW-15D | 7/25/2007 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 2.3 | 1 U | 0.5 U |
| | 10/24/2007 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 2 | 1 M1,U | 0.5 U |
| | 1/30/2008 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1.7 | 1 U | 0.5 U |
| | 4/23/2008 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1.6 | 1 U | 0.5 U |
| | 7/30/2008 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1.6 | 1 U | 0.5 U |

**Table 4**
**Phibro-Tech, Inc.**
**Groundwater Analytical Results**
**Volatile Organic Compounds (VOCs) Analytical Summary**

| Well Number | Sample Date | Sample Type | Non-chlorinated VOCs | | | | | | | Chlorinated VOCs | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Ben (1) | Tol (150) | e-Ben (300) | T-Xyl (1,750) | ISB | N-Propyl benzene | NAP | Chloro benzene (70) | Chloro ethane | CCl4 (0.5) | CFM (80) | cis-1,2-DCE (6) | 1,1-DCA (5) | 1,2-DCA (0.5) | 1,2-DCB (600) | 1,4-DCB (5) | 1,1-DCE (6) | MCL (5) | trans-1,2-DCE (10) | PCE (5) | 1,1,1-TCA (200) | 1,1,2-TCA (5) | 1,2,3-TCB (5) | 1,2,4-TCB (5) | 1,2,4-TMB | TCE (5) | TFM (150) | Vinyl chloride (0.5) |
| MW-15S | 7/25/2007 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.79 | 10 | 1 U | 1 U | 2.4 | 1 U | 1 U | 1 U | 5 U | 1 U | 3.2 | 1 U | 1 U | 1 U | 1 U | 1 U | 7.1 | 1 U | 0.5 U |
| | 10/24/2007 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 3.2 | 1 U | 4.5 | 11 | 1 U | 1 U | 2 | 5 U | 1 U | 4 | 1 U | 1 U | 1 U | 1 U | 1 U | 22 | 1 L, M7,U | 0.5 L, M7,U |
| | 1/30/2008 | | 0.5 U | 1 U | 2.2 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 2.2 | 14 | 28 | 110 MHA | 1 U | 1 U | 9.4 | 5 U | 1 U | 2.4 | 1 U | 1 U | 1 U | 1 U | 1 U | 79 M2 | 1 U | 0.5 U |
| | 4/23/2008 | | 0.52 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1.8 | 4.5 | 8 | 65 | 1 U | 1 U | 2.2 | 5 U | 1 U | 1.8 | 1 U | 1 U | 1 U | 1 U | 1 U | 29 | 1 U | 0.5 U |
| | 7/30/2008 | | 0.51 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 5.4 | 6 | 18 | 110 | 1 U | 1 U | 5.9 | 5 U | 1 U | 2.3 | 1 U | 1 U | 1 U | 1 U | 1 U | 73 | 1 U | 0.5 U |
| MW-16 | 7/26/2007 | | 1 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 1 U | 2 U | 34 | 200 | 41 | 2 U | 2 U | 20 | 10 U | 6.1 | 3.4 | 2 U | 2 U | 2 U | 2 U | 2 U | 62 | 2 U | 1 U |
| | 10/25/2007 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1.1 | 74 | 290 | 9.8 | 1 U | 1 U | 30 | 5 U | 12 | 2.6 | 1 U | 1 U | 1 U | 1 U | 1 U | 65 | 1 U | 1 |
| | 1/29/2008 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 9.9 | 40 | 2.2 | 1 U | 1 U | 6.6 | 5 U | 2.8 | 2.6 | 1 U | 1 U | 1 U | 1 U | 1 U | 22 | 1 U | 0.5 U |
| | 4/22/2008 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 15 | 89 | 2.4 | 1 U | 1 U | 12 | 5 U | 3.4 | 2.4 | 1 U | 1 U | 1 U | 1 U | 1 U | 27 | 1 U | 0.5 U |
| | 7/30/2008 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 20 | 88 | 3.6 | 1 U | 1 U | 12 | 5 U | 5.4 | 2.4 | 1 U | 1 U | 1 U | 1 U | 1 U | 26 | 1 U | 0.57 |

***Notes:***

Ben = benzene; Tol = toluene; e-Ben = ethylbenzene; T-Xyl = total xylenes; ISB = Isopropylbenzene; NAP = Naphthalene; BDCM = Bromodichloromethane; CCl4 = Carbon tetrachloride; CFM = Chloroform; DBE = Dibromoethane; DCA = Dichloroethane; DCB = Dichlorobenzene; DCE = Dichloroethene; MCL = Methylene chloride; PCA = Tetrachloroethane; PCE = Tetrachloroethene; TCA = Trichloroethane; TCB = Trichlorobenzene; TCE = Trichloroethene; TFM = Trichlorofluoromethane

California Maximum Contaminant Levels (MCLs) are shown in parenthesis. MCL shown for chloroform is the sum of trihalomethane isomers.

All concentrations are reported in micrograms per liter (ug/L).
Only compounds detected in one or more samples are listed.
U = Not detected at a concentration greater than the reporting limit shown.
L = The Laboratory Control Sample recovery was above the method control limits.
M1 = The MS and/or MSD were above the acceptance limits due to sample matrix interference.
M7 = The MS or MSD were above acceptance limits.
M2 = The MS or MSD were below the acceptance limits due to sample matrix effects.
MHA = Due to high levels of analyte in sample, the MS/MSD calculation does not provide useful spike recovery information.
-- = Sample not analyzed for this constituent.

Sample Type:
K = Split sample

**Table 5**
**Phibro-Tech, Inc.**
**Groundwater Analytical Results**
**Metals and pH Analytical Summary**

| Well Number | Sample Date | Sample Type | pH | Cadmium (0.005) | Chromium (0.05) | Cr (+6) | Copper (1.0) |
|---|---|---|---|---|---|---|---|
| MW-01D | 7/24/2007 | | 7.7 HFT | 0.005 U | 0.005 U | 0.0011 | 0.045 |
| | 10/23/2007 | | 7.7 HFT | 0.005 U | 0.012 | 0.009 | 0.034 |
| | 1/29/2008 | | 7.63 HFT | 0.005 U | 0.0073 | 0.0062 | 0.016 |
| | 4/22/2008 | | 7.73 HFT | 0.005 U | 0.0078 | 0.0066 | 0.024 |
| | 7/30/2008 | | 7.8 HFT | 0.005 U | 0.0093 | 0.0088 | 0.047 |
| MW-01S | 7/24/2007 | | 7.02 HFT | 0.005 U | 0.005 U | 0.001 U | 0.01 U |
| | 10/23/2007 | | 7.16 HFT | 0.005 U | 0.005 U | 0.001 U | 0.01 U |
| | 1/29/2008 | | 7.13 HFT | 0.005 U | 0.005 U | 0.001 U | 0.01 U |
| | 4/22/2008 | | 7.26 HFT | 0.005 U | 0.005 U | 0.001 U | 0.01 U |
| | 7/30/2008 | | 7.35 HFT | 0.005 U | 0.005 U | 0.0017 | 0.01 U |
| MW-03 | 7/25/2007 | | 7.21 HFT | 0.005 U | 0.005 U | 0.001 C,U | 0.01 U |
| | 10/23/2007 | | 7.38 HFT | 0.005 U | 0.005 U | 0.001 U | 0.01 U |
| | 1/29/2008 | | 7.17 HFT | 0.005 U | 0.005 U | 0.001 U | 0.01 U |
| | 4/24/2008 | | 7.71 HFT | 0.005 U | 0.005 U | 0.001 U | 0.035 |
| | 7/30/2008 | | 7.33 HFT | 0.005 U | 0.005 U | 0.001 U | 0.01 U |
| MW-04 | 7/27/2007 | | 6.78 HFT | 0.42 | 10 | 7.7 | 0.02 RL1,U |
| | | K | 6.79 HFT | 0.42 | 10 | 7.5 | 0.02 RL1,U |
| | 10/25/2007 | | 7.42 HFT | 0.37 | 4.2 | 4.5 | 0.03 RL1,U |
| | | K | 7.41 HFT | 0.41 | 4.7 | 4.2 | 0.1 RL1,U |
| | 1/31/2008 | | 6.96 HFT | 0.6 | 15 | 17 | 0.02 RL1,U |
| | | K | 6.94 HFT | 0.62 | 17 | 14 H,J | 0.02 RL1,U |
| | 4/24/2008 | | 7.45 HFT | 0.45 | 6.6 | 5.2 | 0.02 U |
| | | K | 7.42 HFT | 0.45 | 6.7 | 5 | 0.02 U |
| | 7/31/2008 | | 7.15 HFT | 0.44 | 11 | 10 | 0.02 RL1,U |
| | | K | 7.04 HFT | 0.44 | 11 | 11 | 0.02 RL1,U |
| MW-04A | 7/27/2007 | | 7.06 HFT | 0.005 U | 0.005 U | 0.0043 | 0.032 |
| | 10/25/2007 | | 7.91 HFT | 0.005 U | 0.011 | 0.0043 | 0.011 |
| | 1/31/2008 | | 7.6 HFT | 0.005 U | 0.0092 | 0.0072 H,J | 0.017 |
| | 4/24/2008 | | 7.67 HFT | 0.005 U | 0.0081 | 0.0061 | 0.024 |
| | 7/31/2008 | | 7.22 HFT | 0.005 U | 0.0074 | 0.0064 | 0.025 |
| MW-06B | 7/26/2007 | | 7.56 HFT | 0.005 U | 0.005 U | 0.004 | 0.01 U |
| | 10/25/2007 | | 7.72 HFT | 0.005 U | 0.005 U | 0.001 U | 0.01 U |
| | 1/29/2008 | | 7.41 HFT | 0.005 U | 0.005 U | 0.001 | 0.01 U |
| | 4/24/2008 | | 7.68 HFT | 0.005 U | 0.0069 | 0.004 | 0.01 U |

**Table 5**
**Phibro-Tech, Inc.**
**Groundwater Analytical Results**
**Metals and pH Analytical Summary**

| Well Number | Sample Date | Sample Type | pH | Cadmium (0.005) | Chromium (0.05) | Cr (+6) | Copper (1.0) |
|---|---|---|---|---|---|---|---|
| MW-06B | 7/31/2008 | | 7.4 HFT | 0.005 U | 0.005 U | 0.0012 | 0.01 U |
| MW-06D | 7/26/2007 | | 7.74 HFT | 0.005 U | 0.005 U | 0.0028 M2 | 0.028 |
| | 10/25/2007 | | 7.92 HFT | 0.005 U | 0.005 U | 0.0019 | 0.015 |
| | 1/29/2008 | | 7.62 HFT | 0.005 U | 0.005 U | 0.0035 | 0.013 |
| | 4/24/2008 | | 7.94 HFT | 0.005 U | 0.005 U | 0.0013 | 0.016 |
| | 7/31/2008 | | 7.68 HFT | 0.005 U | 0.0052 | 0.0041 | 0.014 |
| MW-07 | 7/26/2007 | | 6.84 HFT | 0.01 RL1,U | 0.01 RL1,U | 0.001 U | 0.02 RL1,U |
| | 10/25/2007 | | 7.91 HFT | 0.005 U | 0.005 U | 0.001 U | 0.01 U |
| | 1/29/2008 | | 7.21 HFT | 0.005 U | 0.005 U | 0.001 U | 0.01 U |
| | 4/24/2008 | | 7.69 HFT | 0.005 U | 0.005 U | 0.001 U | 0.01 U |
| | 7/31/2008 | | 7.66 HFT | 0.005 U | 0.0051 | 0.001 U | 0.014 |
| MW-09 | 7/27/2007 | | 6.85 HFT | 0.005 U | 1.7 | 1.8 | 0.01 U |
| | | K | 6.74 HFT | 0.005 U | 1.7 | 2 | 0.01 U |
| | 10/25/2007 | | 7.39 HFT | 0.005 U | 21 | 25 | 0.01 U |
| | | K | 7.56 HFT | 0.005 U | 21 | 25 | 0.01 U |
| | 1/31/2008 | | 6.9 HFT | 0.005 U | 5.3 MHA | 6.8 H,J | 0.01 U |
| | | K | 6.85 HFT | 0.005 U | 5.3 | 7 H,J | 0.01 U |
| | 4/24/2008 | | 7.26 HFT | 0.005 U | 7.5 | 6.4 | 0.01 U |
| | | K | 7.2 HFT | 0.005 U | 7.8 | 6.5 | 0.01 U |
| | 7/29/2008 | | 7.07 HFT | 0.005 U | 8 | 8.3 | 0.01 U |
| | | K | 7.04 HFT | 0.005 U | 8.2 | 8.3 | 0.01 U |
| MW-11 | 7/25/2007 | | 6.97 HFT | 0.005 U | 0.005 U | 0.001 C,U | 0.01 U |
| | 10/24/2007 | | 7.38 HFT | 0.005 U | 0.005 U | 0.001 U | 0.01 U |
| | 1/30/2008 | | 7.31 HFT | 0.005 U | 0.005 U | 0.001 U | 0.01 U |
| | 4/23/2008 | | 7.24 HFT | 0.005 U | 0.005 U | 0.001 U | 0.01 U |
| | 7/30/2008 | | 7.49 HFT | 0.005 U | 0.005 U | 0.001 U | 0.01 U |
| MW-14S | 7/25/2007 | | 7.4 HFT | 0.005 U | 0.2 | 0.18 C8 | 0.033 |
| | 10/23/2007 | | 6.9 HFT | 0.01 RL1,U | 0.72 | 2 | 0.045 |
| | 1/30/2008 | | 6.92 HFT | 0.01 RL1,U | 0.76 | 0.61 | 0.027 |
| | 4/22/2008 | | 7.14 HFT | 0.005 U | 0.51 | 0.54 | 0.037 |
| | 7/30/2008 | | 7.09 HFT | 0.01 RL1,U | 0.72 | 0.67 | 0.029 |
| MW-15D | 7/25/2007 | | 7.65 HFT | 0.005 U | 0.005 U | 0.001 C,U | 0.025 |
| | 10/24/2007 | | 7.76 HFT | 0.005 U | 0.005 U | 0.0013 | 0.024 |
| | 1/30/2008 | | 7.7 HFT | 0.005 U | 0.0056 | 0.0012 | 0.25 |

**Table 5**
**Phibro-Tech, Inc.**
**Groundwater Analytical Results**
**Metals and pH Analytical Summary**

| Well Number | Sample Date | Sample Type | pH | Cadmium (0.005) | Chromium (0.05) | Cr (+6) | Copper (1.0) |
|---|---|---|---|---|---|---|---|
| MW-15D | 4/23/2008 | | 7.34 HFT | 0.005 U | 0.005 U | 0.001 U | 0.25 |
| | 7/30/2008 | | 7.78 HFT | 0.005 U | 0.0054 | 0.001 U | 0.056 |
| MW-15S | 7/25/2007 | | 7.62 HFT | 0.005 U | 0.005 U | 0.001 C,U | 0.01 U |
| | 10/24/2007 | | 7.44 HFT | 0.005 U | 0.005 U | 0.001 U | 0.01 U |
| | 1/30/2008 | | 7.35 HFT | 0.0068 | 0.005 U | 0.001 M2,U | 0.01 U |
| | 4/23/2008 | | 7.39 HFT | 0.005 U | 0.005 U | 0.001 U | 0.01 U |
| | 7/30/2008 | | 7.55 HFT | 0.005 U | 0.005 U | 0.001 U | 0.01 U |
| MW-16 | 7/26/2007 | | 7.08 HFT | 0.005 U | 0.0071 | 0.0066 | 0.01 U |
| | 10/25/2007 | | 7.4 HFT | 0.005 U | 0.005 U | 0.0033 | 0.01 U |
| | 1/29/2008 | | 7.12 HFT | 0.005 U | 0.005 U | 0.001 U | 0.01 U |
| | 4/22/2008 | | 7.17 HFT | 0.005 U | 0.005 U | 0.001 U | 0.01 U |
| | 7/30/2008 | | 7.22 HFT | 0.005 U | 0.005 U | 0.0061 | 0.01 U |

***Notes:***

California Maximum Contaminant Levels (MCLs) are shown in parenthesis. Secondary MCL is shown for copper.

All concentrations are reported in milligrams per liter (mg/L).
Metals analyzed by EPA Method 6010B, except for Cr (+6), which was analyzed by EPA Method 7199.
pH analyzed by EPA Method 150.1.
HFT = The holding time for this test is immediate. It was analyzed in the laboratory as soon as possible after reciept.
U = Not detected at a concentration greater than the reporting limit shown.
RL-1 = Reporting limits were elevated due to dilution multiplication factors.
M2 = The MS and/or MSD were below acceptance limits due to sample matrix interference.
C = Calibration verification recovery was above the method control limit for this analyte. Analyte not detected, data not impacted.
C8 = Calibration verification recovery was above the method control limit for this analyte. A high bias may be indicated
H = Sample analysis performed past method-specific holding time.
J = The concentration reported is an estimate only.
MHA = Due to high levels of analyte in the sample, the MS/MSD calibration does not provide useful spike recover information.

Sample Type:
K = Split sample

**Table 6**
**Phibro-Tech, Inc.**
**Comparison of Upper Hollydale Aquifer Background and On-Site Wells Quarterly Data**
**July 2008**

| Parameter | MW-03 | MW-04 | MW-06B | MW-07 | MW-09 | MW-11 | MW-14S | MW-15S | MW-16 |
|---|---|---|---|---|---|---|---|---|---|
| **Metals** | | | | | | | | | |
| Hexavalent chromium [1] | | | | | | | | | |
| Total chromium [1] | | | | | | | | | |
| Cadmium [1] | | | | | | | | | |
| Copper [1] | | | | | | | | | |
| **Aromatics** | | | | | | | | | |
| Benzene [1] | | | | | | | | | |
| Toluene [1] | | | | | | | | | |
| Ethylbenzene [1] | | | | | | | | | |
| Total xylenes [1] | | | | | | | | | |
| **Halocarbons** | | | | | | | | | |
| Trichloroethene [2] | | | | | | | | | |

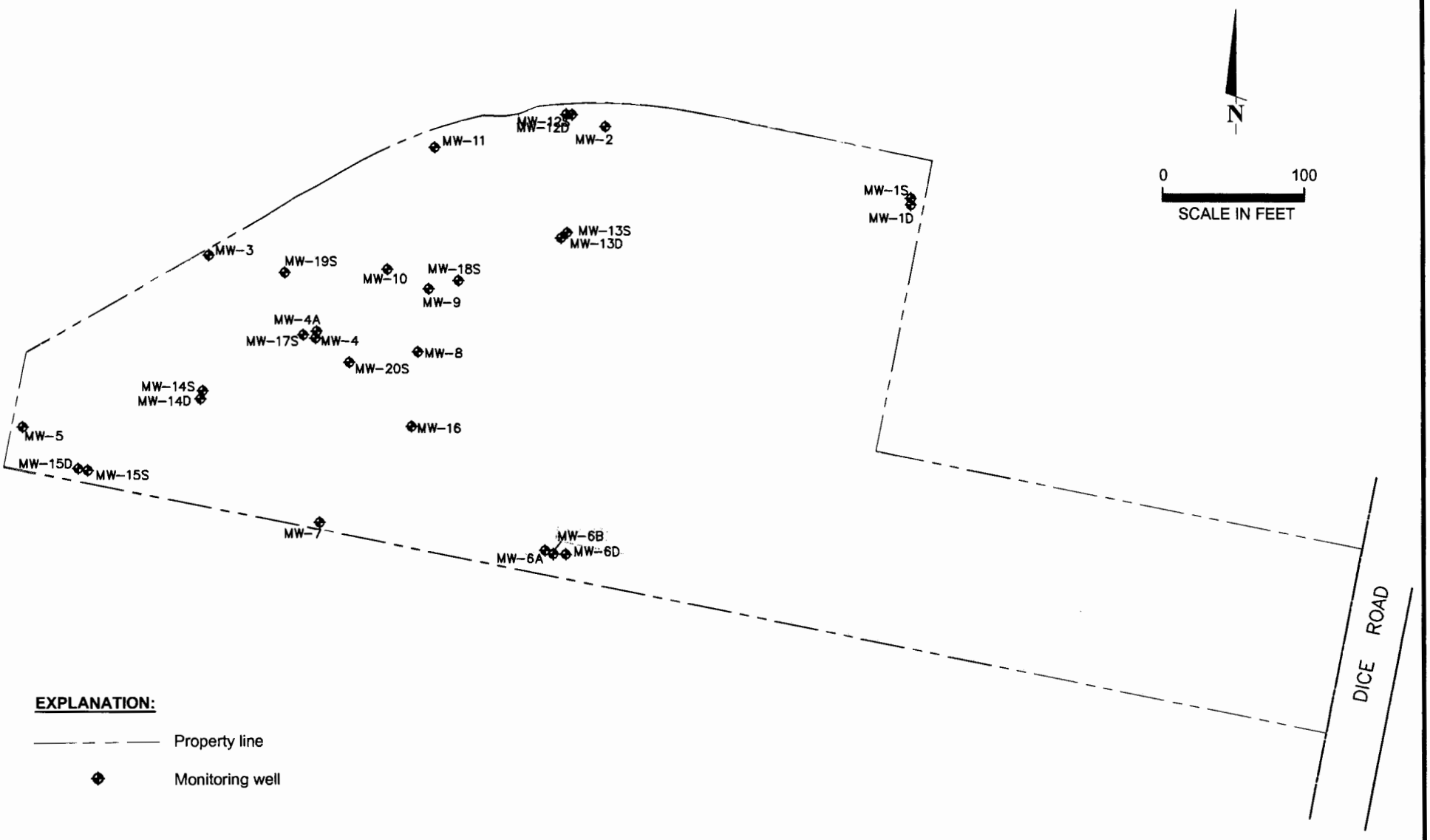
[1] Background to onsite using nonparametric prediction limit

[2] Background to onsite comparison using the normal prediction limit

Exceedance observed over background

No exceedance observed

# FIGURES





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**Monitoring Well Location Map**
**July 2008**
Phibro-Tech, Inc. - Santa Fe Springs, California

Figure
**1**

Drafter: EC | Date: 09/25/08 | Contract Number: 06-441-C

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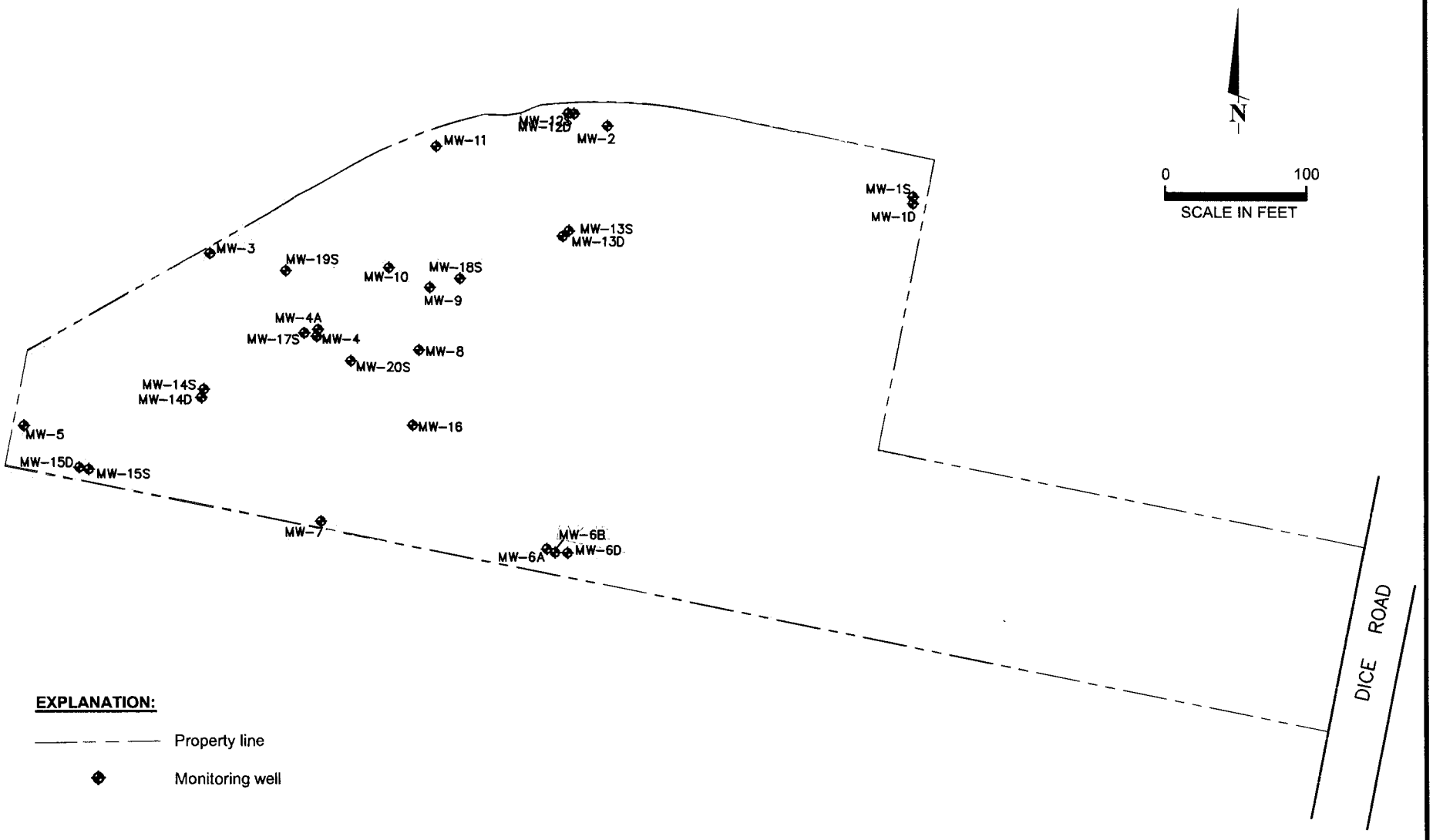


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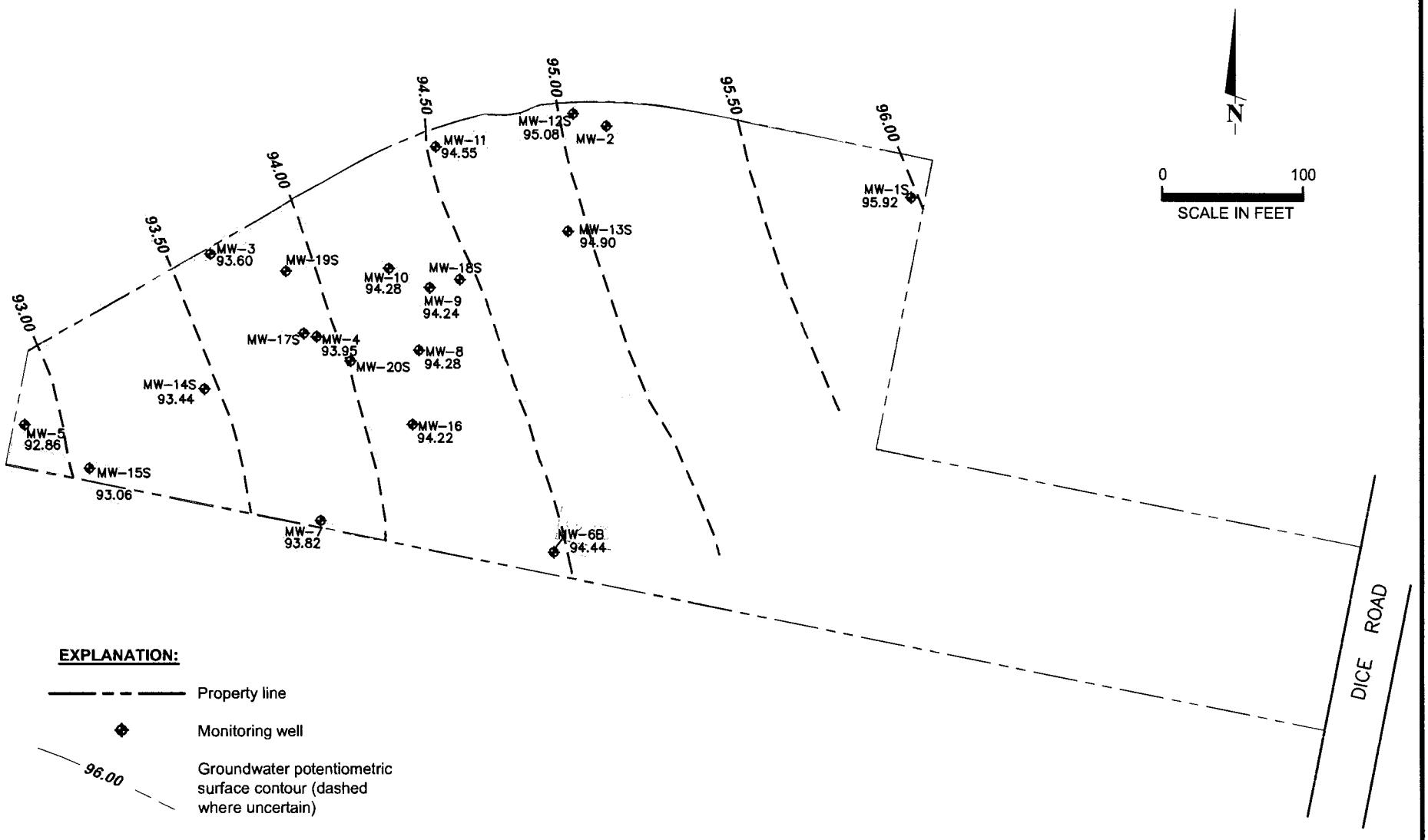
**Monitoring Well Location Map**
**July 2008**
Phibro-Tech, Inc. - Santa Fe Springs, California

Figure
**1**

Drafter: EC | Date: 09/25/08 | Contract Number: 06-441-C

I:\CAD\06\06-441-C\GW Monitoring July 2008.dwg

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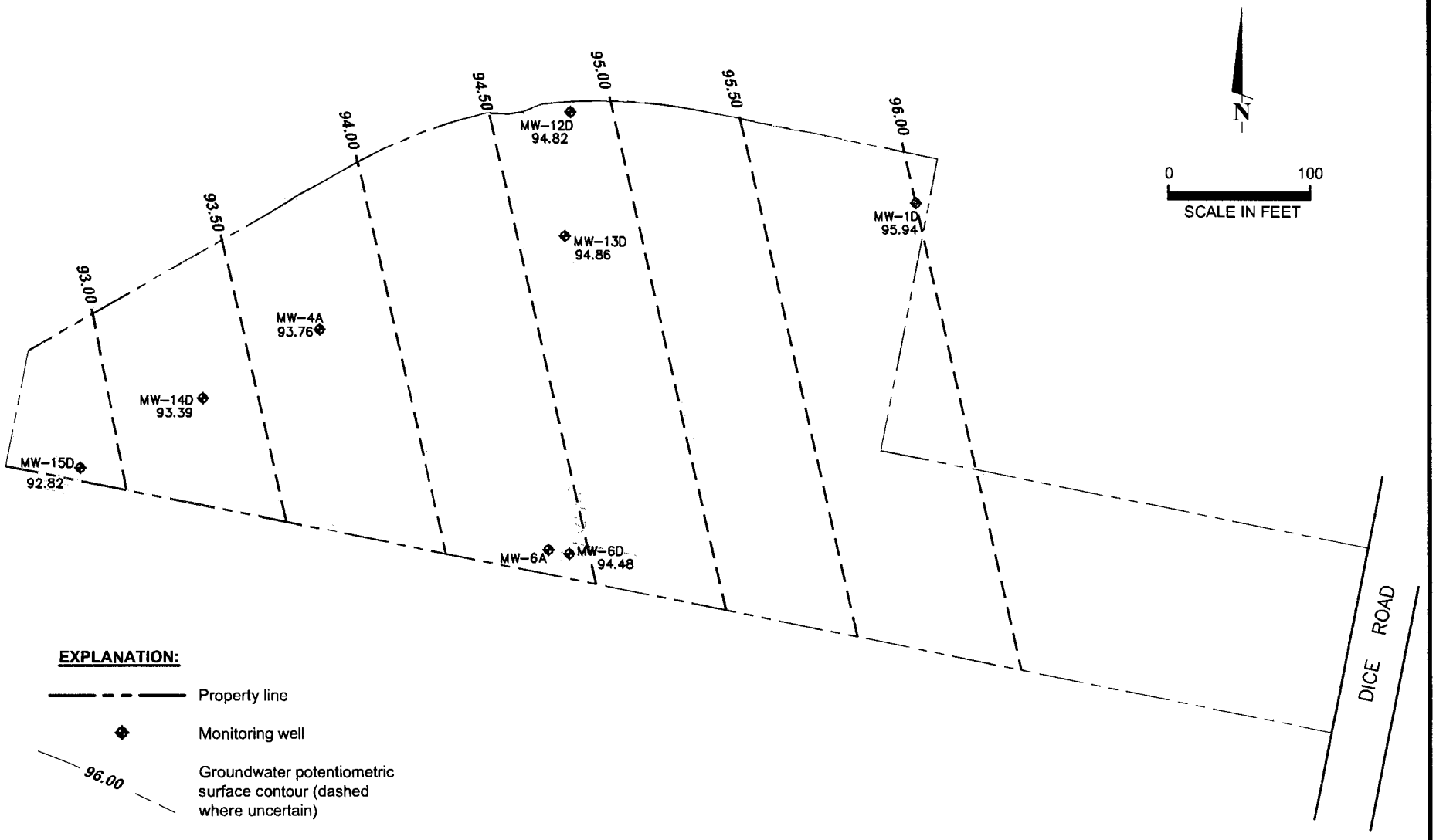
**Groundwater Potentiometric Surface - Upper Hollydale Aquifer**
**July 2008**
Phibro-Tech, Inc. - Santa Fe Springs, California

Figure
**2**

Drafter: EC | Date: 09/25/08 | Contract Number: 06-441-C

I:\CAD\06\06-441-C\GW Monitoring July 2008.dwg





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**Groundwater Potentiometric Surface - Lower Hollydale Aquifer**
**July 2008**
Phibro-Tech, Inc. - Santa Fe Springs, California

Figure
**3**

Drafter: EC | Date: 09/25/08 | Contract Number: 06-441-C

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**Figure 4**
**Phibrotech, Inc.**
**Upper Hollydale Aquifer Well Groundwater Hydrographs**

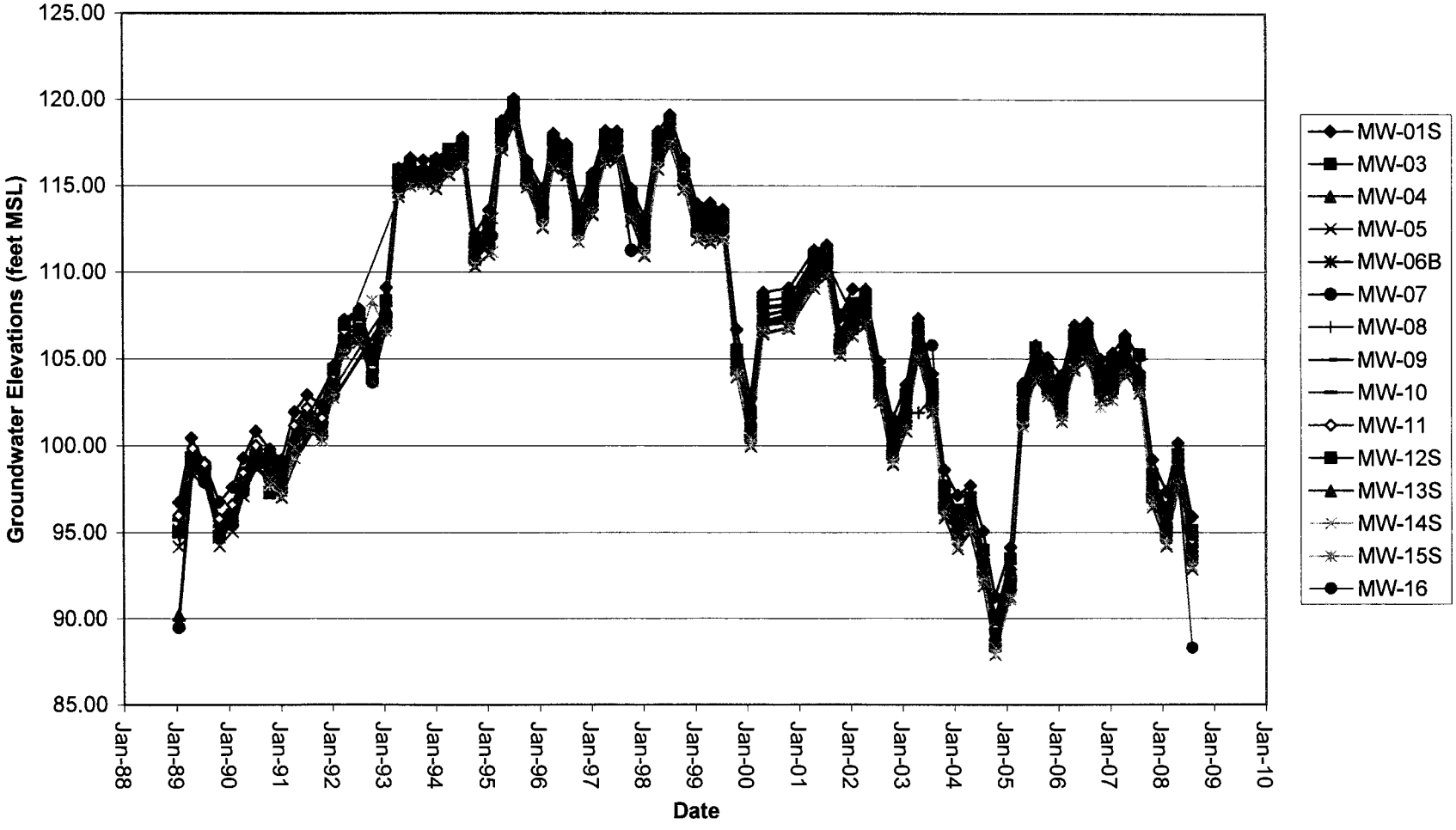
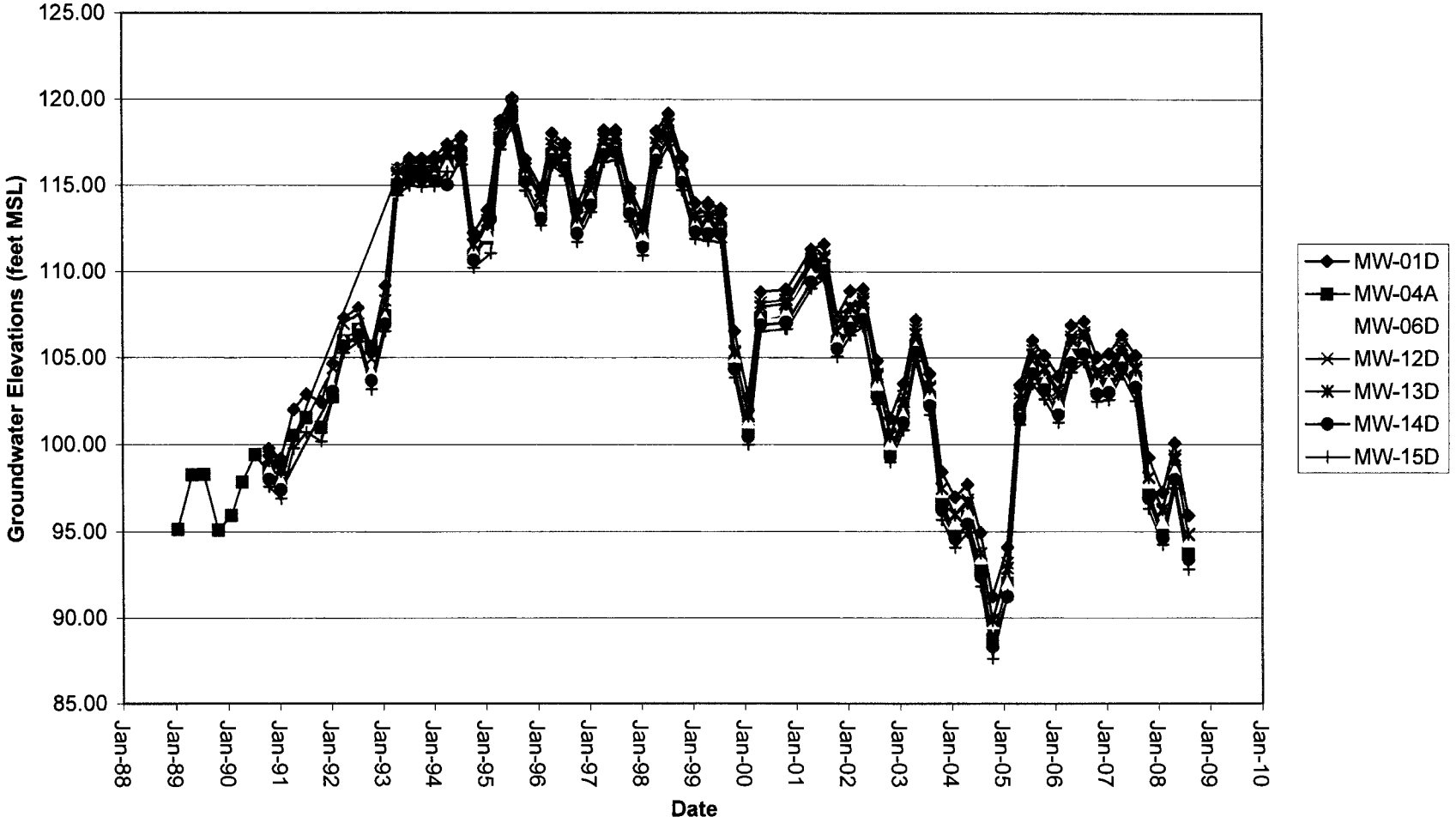
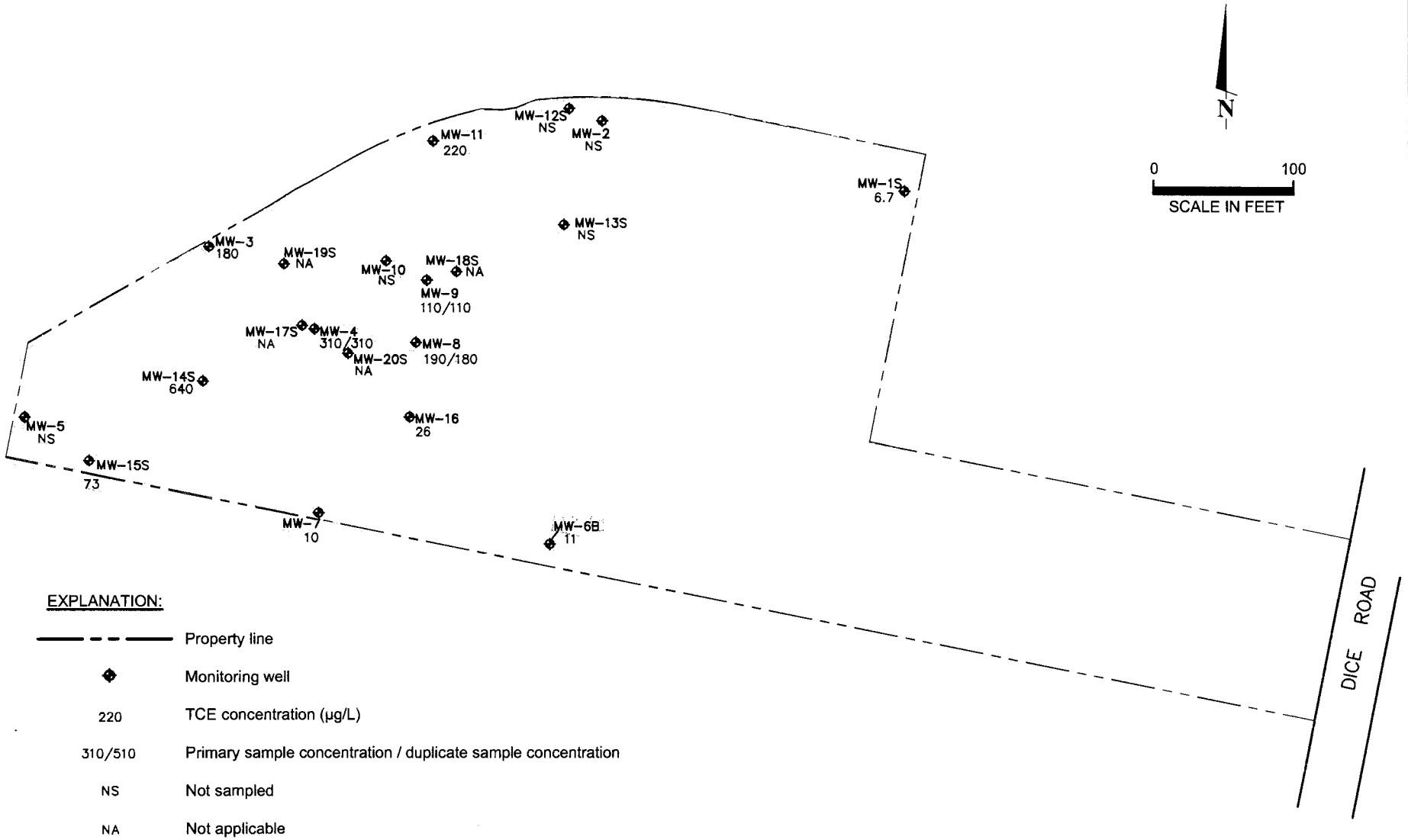


**Figure 5**
**Phibrotech, Inc.**
**Lower Hollydale Aquifer Well Groundwater Hydrographs**






EXPLANATION:

| | |
|---|---|
| ——— | Property line |
| ◆ | Monitoring well |
| 220 | TCE concentration (µg/L) |
| 310/510 | Primary sample concentration / duplicate sample concentration |
| NS | Not sampled |
| NA | Not applicable |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**TCE Concentrations - Upper Hollydale Aquifer**
**July 2008**
Phibro-Tech, Inc. - Santa Fe Springs, California

Figure
**6**

Drafter: EC | Date: 10/23/08 | Contract Number: 06-441-C

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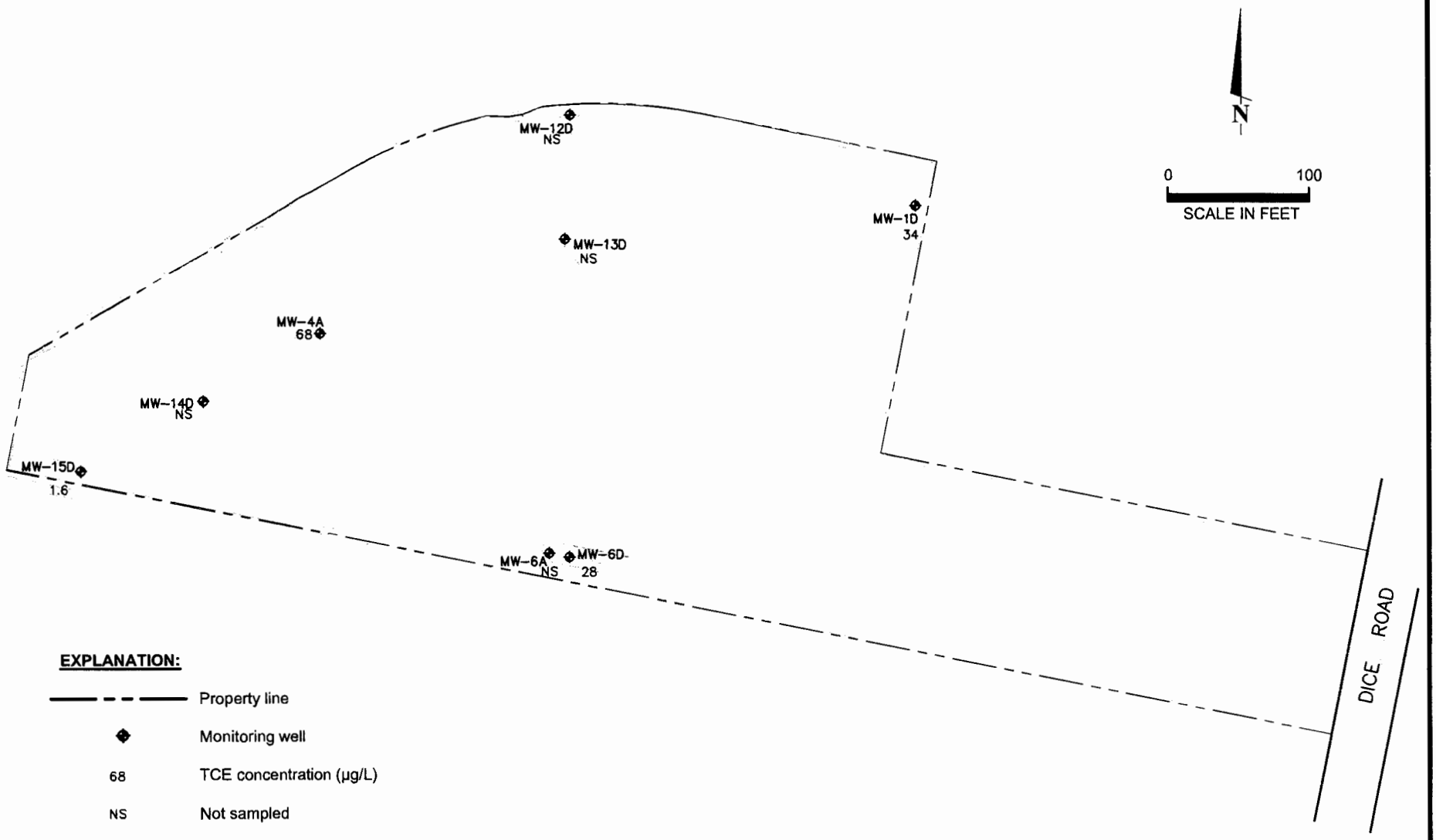



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**TCE Concentrations - Lower Hollydale Aquifer**
**July 2008**
Phibro-Tech, Inc. - Santa Fe Springs, California

Figure
**7**

Drafter: EC | Date: 10/23/08 | Contract Number: 06-441-C

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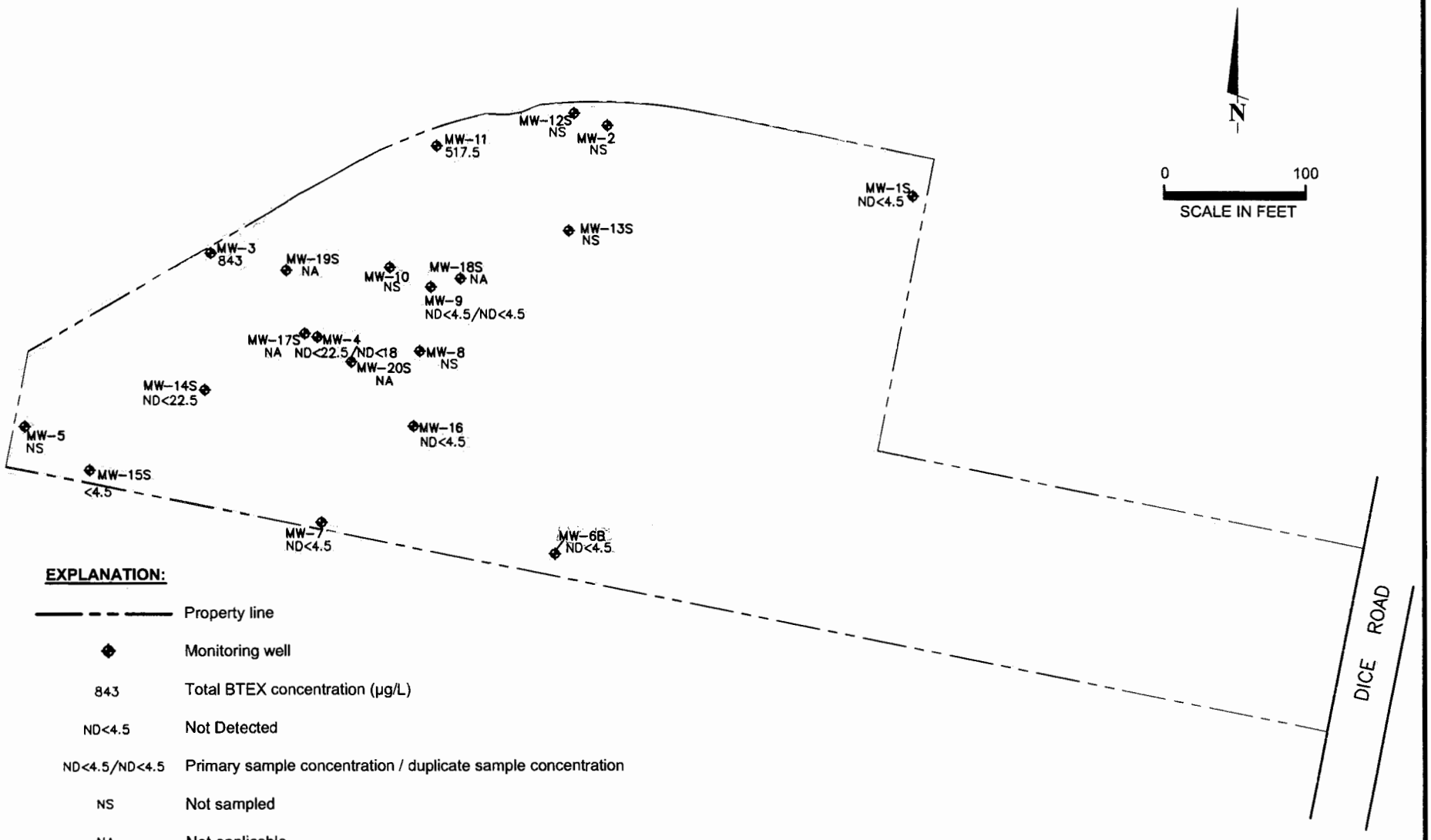


**EXPLANATION:**

| | |
|---|---|
| ——— - - ——— | Property line |
| ◆ | Monitoring well |
| 843 | Total BTEX concentration (µg/L) |
| ND<4.5 | Not Detected |
| ND<4.5/ND<4.5 | Primary sample concentration / duplicate sample concentration |
| NS | Not sampled |
| NA | Not applicable |


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**BTEX Concentrations - Upper Hollydale Aquifer**
**July 2008**
Phibro-Tech, Inc. - Santa Fe Springs, California

Figure
**8**

Drafter: EC | Date: 10/23/08 | Contract Number: 06-441-C

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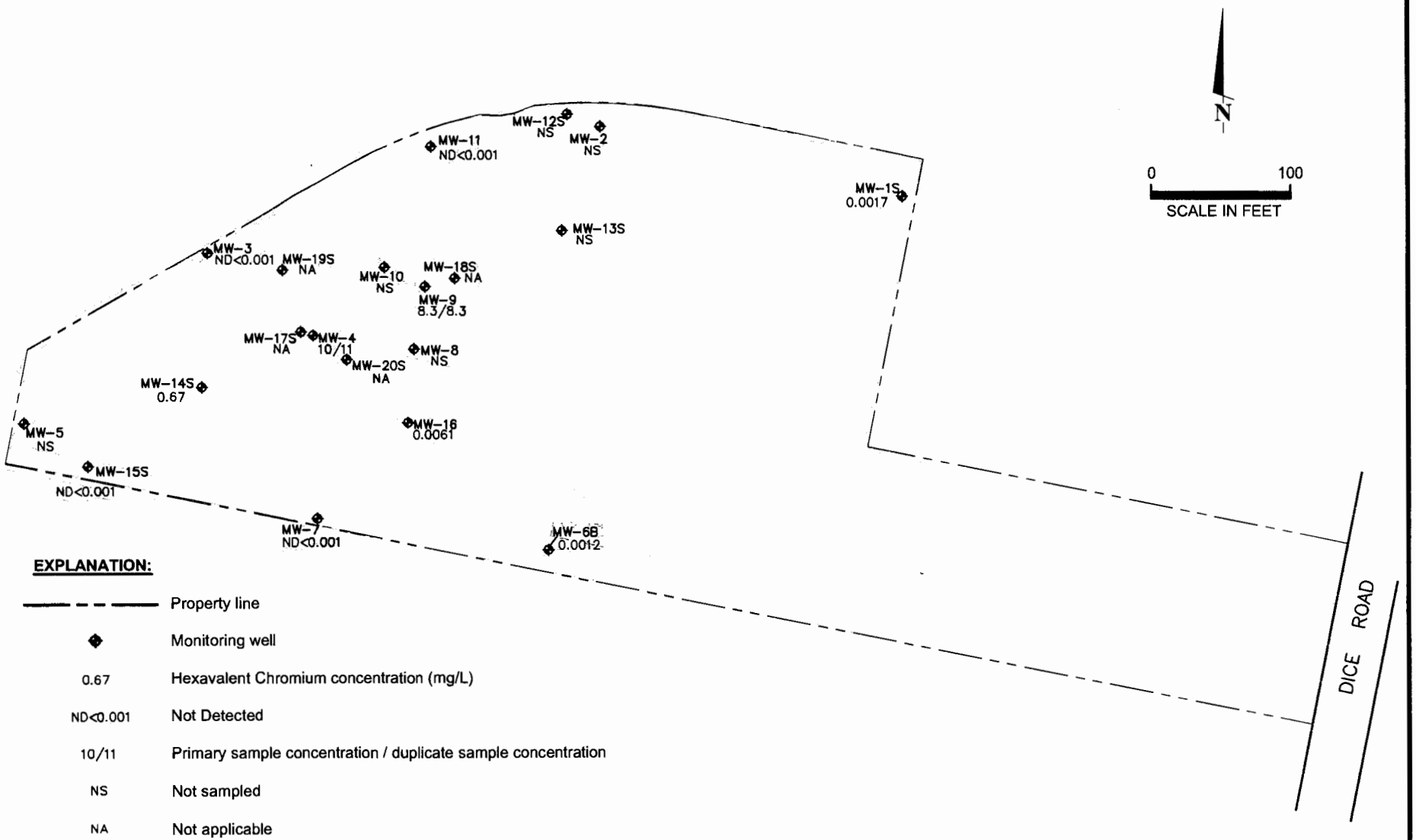


**EXPLANATION:**

| | |
|---|---|
| ——— | Property line |
| ◆ | Monitoring well |
| 0.67 | Hexavalent Chromium concentration (mg/L) |
| ND<0.001 | Not Detected |
| 10/11 | Primary sample concentration / duplicate sample concentration |
| NS | Not sampled |
| NA | Not applicable |


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**Hexavalent Chromium Concentrations - Upper Hollydale Aquifer**
**July 2008**
Phibro-Tech, Inc. - Santa Fe Springs, California

Figure
**9**

Drafter: EC | Date: 10/23/08 | Contract Number: 06-441-C

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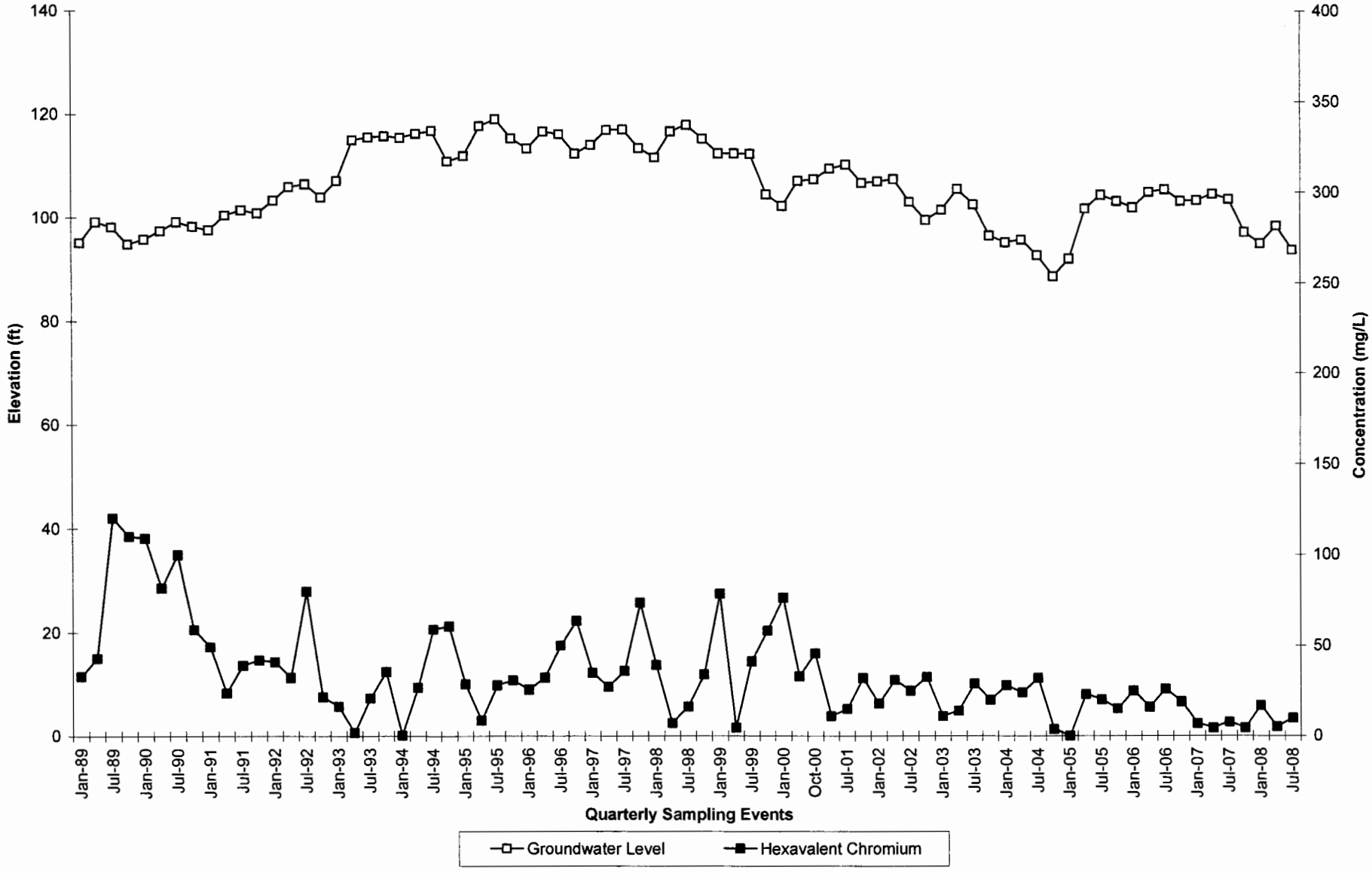
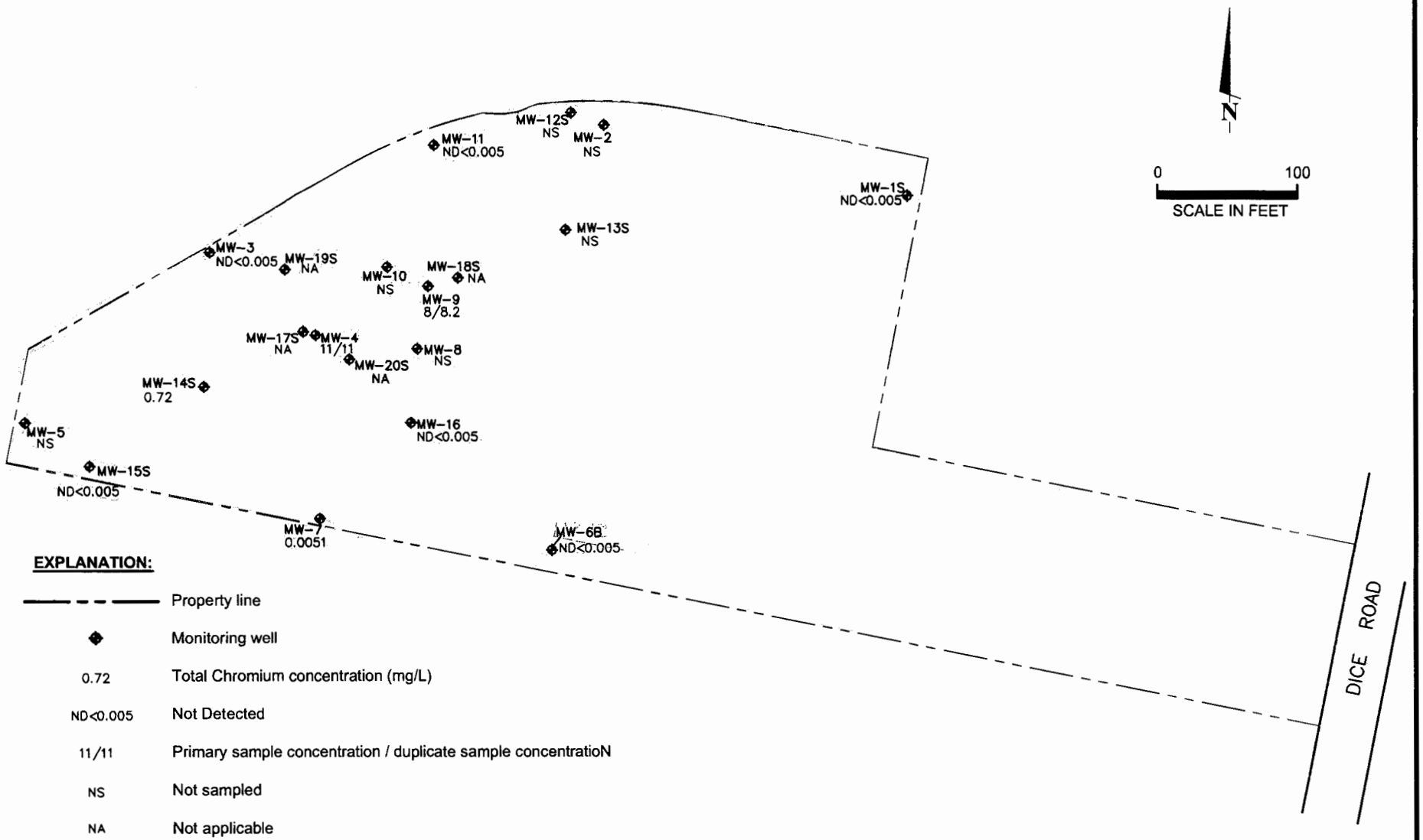
**Figure 10**
**Hexavalent Chromium Concentration and Groundwater Elevation MW04**
**January 1989 - July 2008**






**EXPLANATION:**

| | |
|---|---|
| ——— | Property line |
| ◆ | Monitoring well |
| 0.72 | Total Chromium concentration (mg/L) |
| ND<0.005 | Not Detected |
| 11/11 | Primary sample concentration / duplicate sample concentratioN |
| NS | Not sampled |
| NA | Not applicable |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**Total Chromium Concentrations - Upper Hollydale Aquifer**
**July 2008**
Phibro-Tech, Inc. - Santa Fe Springs, California

Figure **11**

Drafter: EC | Date: 10/23/08 | Contract Number: 06-441-C

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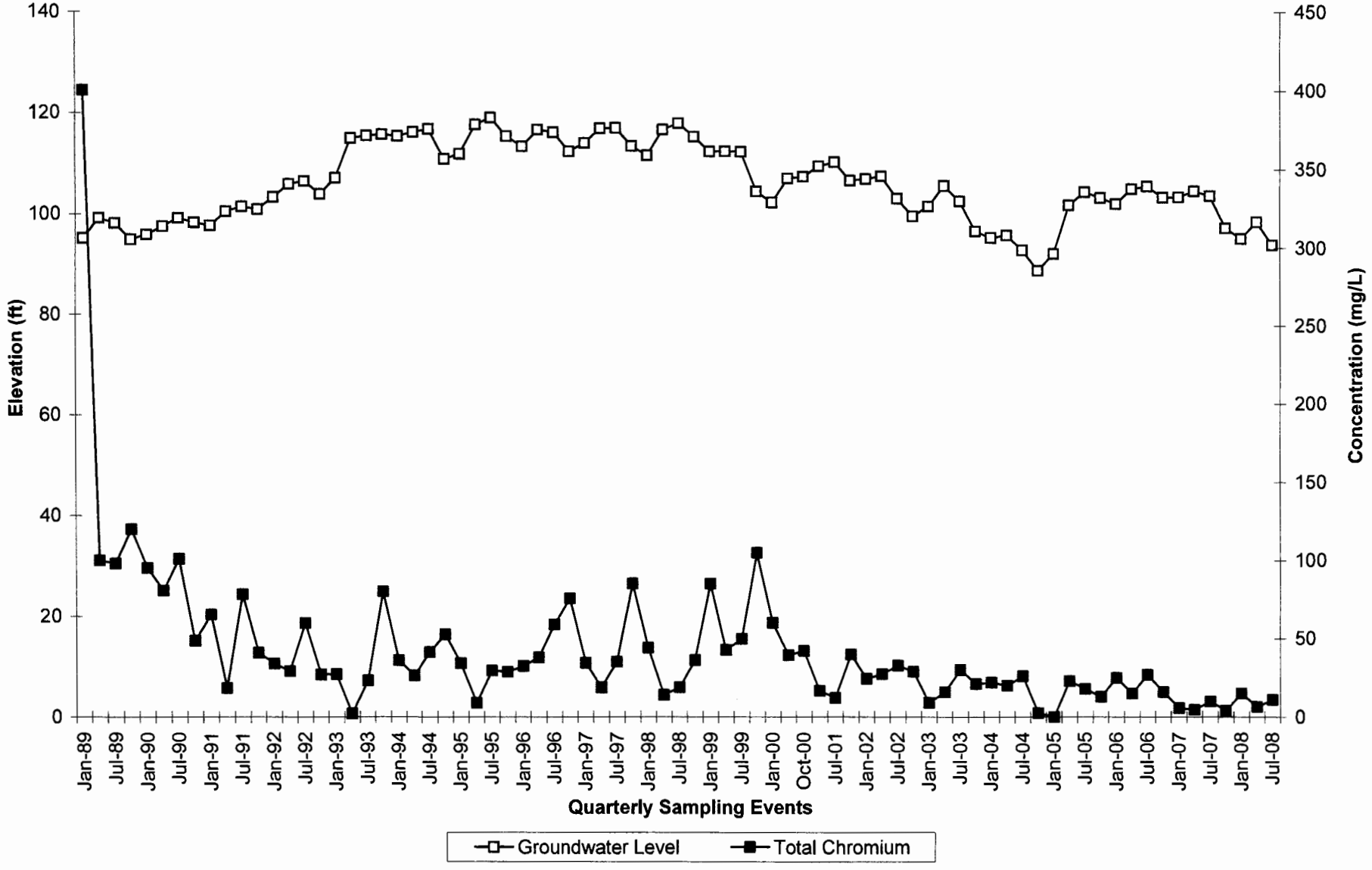
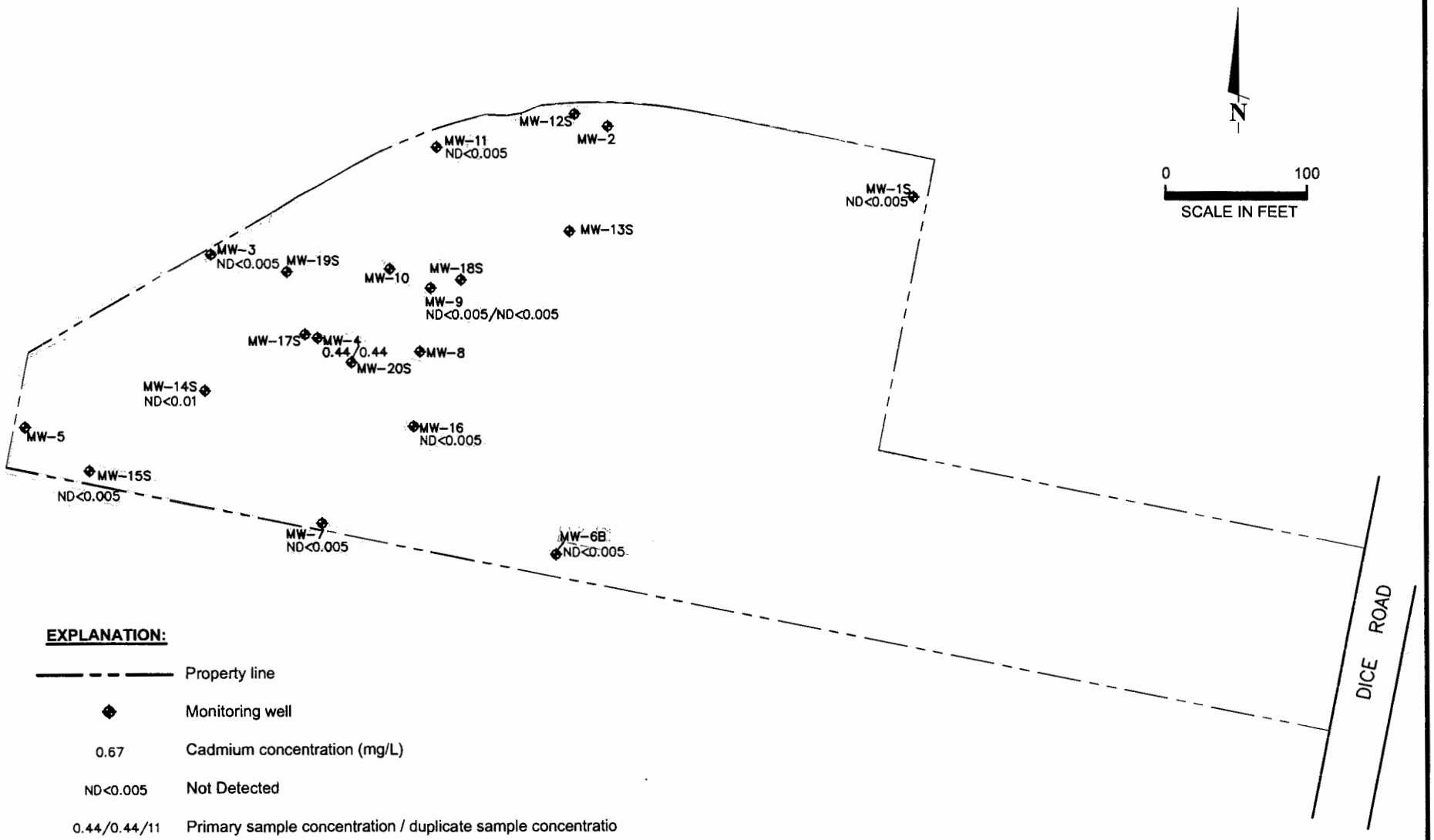
**Figure 12**
**Total Chromium Concentration and Groundwater Elevation MW04**
**January 1989 - July 2008**







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**Cadmium Concentrations - Upper Hollydale Aquifer**
**July 2008**
Phibro-Tech, Inc. - Santa Fe Springs, California

Figure
**13**

Drafter: EC | Date: 09/25/08 | Contract Number: 06-441-C

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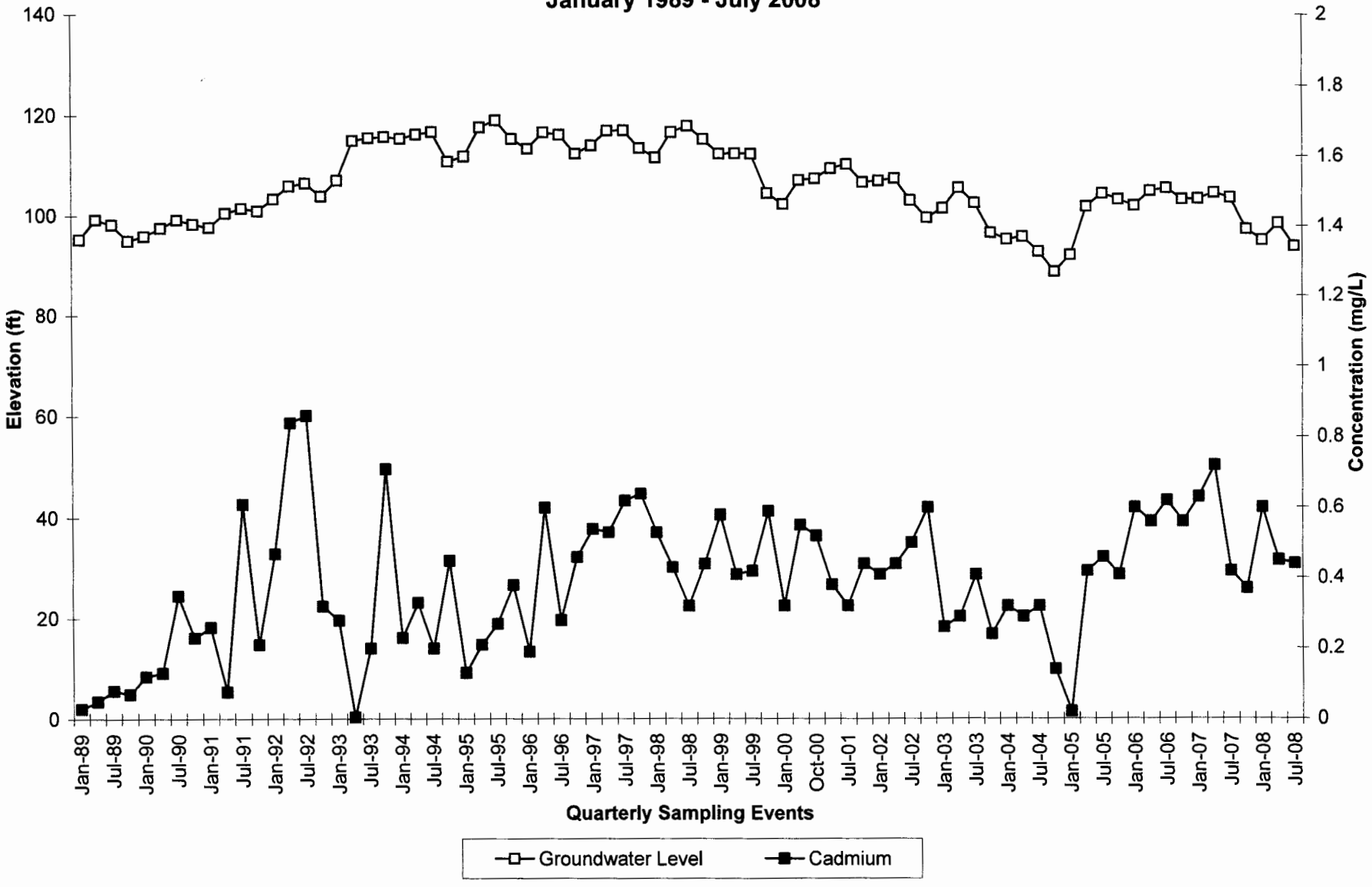
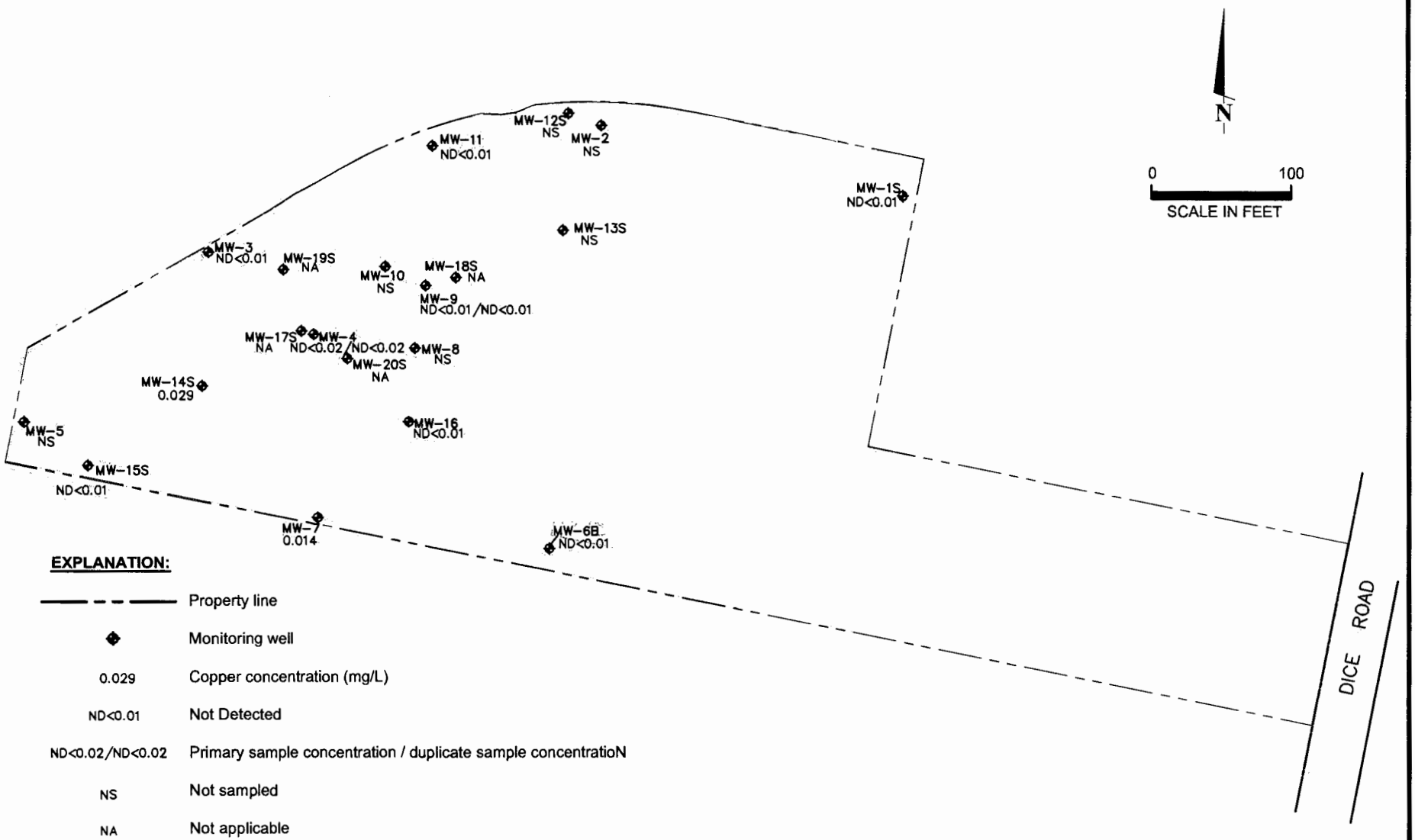
**Figure 14**
**Cadmium Concentration and Groundwater Elevation MW04**
**January 1989 - July 2008**







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**Copper Concentrations - Upper Hollydale Aquifer**
**July 2008**
Phibro-Tech, Inc. - Santa Fe Springs, California

Figure
**15**

Drafter: EC | Date: 10/23/08 | Contract Number: 06-441-C

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# APPENDICES

# APPENDIX A

# Appendix A
# Completed Field Forms and COC Forms

# IRIS ENVIRONMENTAL
# FIELD INVESTIGATION DAILY REPORT

**Project Name** PTI **Sheet** 1 **of** 1

**Contract No.** 06-441-C **Date** 7/28/08

**Field Staff** B. Tigner **Subcontractors** Dave M (Blaine)

**Equipment Used** PID

**Visitors to Site**

| Time | Activities | | | | |
|---|---|---|---|---|---|
| | high back DTB DTW | | | | |
| 2 more | well ID | PID back | high | DTW | DTB |
| WN 1 | MW-1S | 0.2 | 0.3 | 56.27 | 61.70 |
| WN 2 | MW-1D | 0.2 | 0.0 | 56.42 | 95.40 |
| northside 3 | MW-2 | 0.2 | 0.5 | 56.44 | 69.36 |
| WN 4 | MW-12S | 0.2 | 0.5 | 60.08 | 74.25 |
| not accessible WN 5 | MW-12D | 0.2 | 0.2 | 60.27 | 102.03 |
| WN 6 | MW-08 | 0.2 | 0.2 | 55.42 | 69.68 |
| WN 7 | MW-10 | 0.2 | 0.2 | 59.36 | 75.90 |
| WN 8 | MW-13S | 0.2 | 0.2 | 56.37 | 68.84 |
| WN 9 | MW-13D | 0.2 | 0.1 | 56.43 | 92.93 |
| north east ink mark 10 | MW-18S | 0.2 | 0.1 | 56.38 | 66.67 |
| no mark 11 | MW-19S | 0.1 | ~~0.~~ 0.1 | 57.38 | 73.60 |
| WN 12 | MW-05 | 0.1 | 0.2 | 60.25 | 73.00 |
| WN 13 | MW-15D | 0.0 | 0.0 | 57.80 | 123.51 |
| WN 14 | MW-15S | 0.0 | 0.0 | 57.68 | 71.04 |
| WN 15 | MW-6A | 0.2 | 8.1 | — | 28.70 |
| WN 16 | MW-11 | 0.2 | 0.8 | 60.90 | 76.29 |
| WN 17 | MW-07 | 0.1 | 0.2 | 55.36 | 69.45 |
| WN 18 | MW-03 | 0.0 | 0.3 | 60.76 | 75.71 |
| WN 19 | MW-16 | 0.1 | 0.3 | 55.76 | 61.68 |
| South mark 20 | MW-09 | 0.1 | 0.4 | 58.17 | 75.02 |
| no mark 21 | MW-04A | 0.0 | 0.1 | 57.58 | 107.39 |
| WN 22 | MW-04 | 0.2 | 0.3 | 58.16 | 69.74 |
| WN 23 | MW-14S | 0.0 | 0.5 | 56.67 | 70.06 |
| east notch 24 | MW-06B | 0.0 | 0.0 | 54.91 | 75.18 |
| no mark north 25 | MW-17S | 0.0 | 0.0 | 55.84 | 74.48 |
| WN 26 | MW-14D | 0.0 | 0.0 | 56.84 | 105.41 |
| no mark 27 | MW-20S | 0.0 | 0.0 | 55.06 | 69.20 |
| WN 28 | MW-06D | 0.1 | 0.4 | 55.37 | 90.11 |
| | WN = west notch | | | | |

**Reviewed by** PZ 0.0 0.0 **Date** 40.75

# IRIS ENVIRONMENTAL
# FIELD INVESTIGATION DAILY REPORT

**Project Name** _____ **Sheet** 1 **of** 1

**Contract No.** _____ **Date** 7-29-08

**Field Staff** Becky Frymer, Chris Alger **Subcontractors** Blaine (Nick)

**Equipment Used** _____

**Visitors to Site** _____

| Time | Activities |
|---|---|
| 0640 | arrive at site |
| | meet Nick, H&S meeting with David |
| 0730 | start sampling MW205 → bumped bottom |
| 1019 | MW-19S well ~~dew~~ dewatered after low flow sampling |
| | a little over 1 casing volume (15 gallons) |
| | 2 gallons/minute pumped |
| 10:54 | not enough bottles for snaps |
| | only sampling hex chrom #order 4 sets of snap bottles |
| 11 30 | EARTHQUAKE! |
| | MW-20S SNAP full sample |
| | MW-19S 1 single VOA, 1 hex chrom |
| | MW-18S 1 hex chrom, ? (2 voas?) |
| | MW-17S 1 hex chrom, ? |
| | MW-09 2 original voas, hex chrom |
| | |
| 1500 | MW-09 out of order to put in snap sample |
| | equipment blank - Blaine tech touched with old gloves |
| 1630 | talk to Carmelo about clearing MW-15 |
| 1700 | depart site |

**Reviewed by** _____ **Date** _____

# IRIS ENVIRONMENTAL
# FIELD INVESTIGATION DAILY REPORT

| | | | |
|---|---|---|---|
| **Project Name** | PT | **Sheet** 1 of 1 | |
| **Contract No.** | 06-441-C | **Date** 7/30/08 | |
| **Field Staff** | Becky Frymier | **Subcontractors** | Nic (Blaine) |
| **Equipment Used** | | | |
| **Visitors to Site** | | | |

| Time | Activities |
|---|---|
| 0700 | arrive at site |
| | wells 15S, 15D, 1D, 1S obstructed - talked to Carmelo |
| 0735 | started purging MW-03 |
| 0822 | 1S, 1D still obstructed |
| | 14 1S obstructed |
| | decided to move to MW-11 |
| 0849 | high turbidity readings stabalized at 105 (3 consecutive readings) all other parameters w/in 5%, went ahead and sampled |
| 1034 | MW-01S high turbidity |
| | stabalized at 135 after 5 casing volumes |
| | prior to sampling MW-01S MW-01D talked to Carmelo about moving trailer, trailer was moved |
| | Also, talked to Carmelo in am about clearing barrels around MW-1S to sample |
| 1300 | MW-1S cleared and ready to sample |
| 1305 | started to purge MW-15S @ ~~15~~ 2 gal/min |
| | ORP is high, DO is high |
| 1357 | $H_2O$ inside well box MW-15S |
| 1415 | talked to Tom & Carmelo about clearing 14S |
| | Tom decided our truck in - waited ~20 minutes |
| 1521 | arrived at MW-14S |
| 1551 | replaced tube in well due to contamination from rig dust |
| | talked to Tom about unloading $H_2O$ into tote |

**Reviewed by** _____ **Date** _____

# IRIS ENVIRONMENTAL
# FIELD INVESTIGATION DAILY REPORT

**Project Name** PTI — **Sheet** 1 **of** 1

**Contract No.** 06-441-C — **Date** 7/31/08

**Field Staff** Becky Frymier — **Subcontractors** N.C (Blaine)

**Equipment Used**

**Visitors to Site**

| Time | Activities |
|---|---|
| 0700 | arrive at site |
| | Calibrate decon |
| 0745 | arrive at MW-07 |
| | no movement observed on tracks, parked truck adjacent to tracks, with lights flashing |
| 11:20 | started to ~~purge~~ low flow sampling last well MW-64 |
| 12:15 | MW-04 high turbidity ~100 but stable removed 5 casing volumes water yellow, milky |
| 1400 | Test America picked up samples |
| 1430 | depart site |

**Reviewed by** _____ **Date** _____

# WELL GAUGING DATA

Project # 080728-DM2 Date 7/28/08 Client IRIS Environmental

Site 8851 Dice Rd., Santa Fe Springs CA (Phibro Tech)

| Well ID | Time | Well Size (in.) | Sheen / Odor | Depth to Immiscible Liquid (ft.) | Thickness of Immiscible Liquid (ft.) | Volume of Immiscibles Removed (ml) | Depth to water (ft.) | Depth to well bottom (ft.) | Survey Point: TOB or TOC | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| MW-1S | 1340 | 2 | | | | | 56.27 | 61.70 | | |
| MW-1D | 1346 | 2 | | | | | 56.42 | 95.40 | | |
| MW-2 | 1356 | 2 | | | | | 56.44 | 69.36 | | |
| MW-12S | 1406 | 2 | | | | | 60.08 | 74.25 | | |
| MW-12D | 1412 | 2 | | | | | 60.27 | 102.03 | | |
| MW-8 | 1418 | 2 | | | | | 55.42 | 69.68 | | |
| MW-10 | 1426 | 2 | | | | | 59.36 | 75.90 | | |
| MW-5 | 1516 ~~1440~~ DM | 2 | | | | | ~~60.25~~ ~~56.37~~ DM | 73.00 ~~68.84~~ DM | | |
| MW-13S | 1445 | 2 | | | | | 56.37 | 68.84 | | |
| MW-13D | 1450 | 2 | | | | | 56.43 | 92.93 | | |
| MW-18 | 1500 | 4 | | | | | 56.38 | 66.67 | | |
| MW-19 | 1507 | 4 | | | | | 57.30 | 73.60 | | |
| MW-15D | 1521 | 2 | | | | | 57.80 | 123.51 | | |
| MW-15S | 1530 | 2 | | | | | 57.68 | 71.04 | | |
| MW-6A | 1540 | 2 | | | | | DRY | 28.70 | | |
| MW-11 | 1550 | 2 | | | | | 60.90 | 76.29 | | |
| MW-7 | 1600 | 2 | | | | | 55.36 | 69.45 | | |

# WELL GAUGING DATA

Project # 080728DM-2 Date 7/28/08 Client Iris Env.

Site 8851 Dice Road, Santa Fe Springs, CA

| Well ID | Time | Well Size (in.) | Sheen / Odor | Depth to Immiscible Liquid (ft.) | Thickness of Immiscible Liquid (ft.) | Volume of Immiscibles Removed (ml) | Depth to water (ft.) | Depth to well bottom (ft.) | Survey Point: TOB or ~~TOC~~ | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| MW-3 | 1611 | 2 | | | | | 60.76 | 75.71 | | |
| MW-16 | 1620 | 2 | | | | | 55.76 | 61.68 | | |
| MW-9 | 1629 | 4 | | | | | 58.12 | 75.02 | | |
| MW-4A | 1636 | 4 | | | | | 57.58 | 107.34 | | |
| MW-17 | 1643 | 4 | | | | | 55.84 | 74.48 | | |
| MW-20 | 1651 | 4 | | | | | 55.06 | 89.20 | | |
| MW-4 | 1659 | 2 | | | | | 58.16 | 69.74 | | |
| ~~MW-14S~~ MW-14S | 1730 | 2 | | | | | 56.67 | 70.06 | | |
| MW-14D | 1735 | 2 | | | | | 56.84 | 103.43 | | |
| MW-6B | 1742 | 2 | | | | | 54.91 | 75.18 | | |
| MW-6D | ~~1744~~ 1748 | 2 | | | | | 55.37 | 90.11 | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

# WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 080728-DM2 | Site: Ivis @ Phibro-Tech |
| Sampler: NH | Date: 7/28/08 |
| Well I.D.: MW-15 | Well Diameter: (2) 3 4 6 8 ___ |
| Total Well Depth (TD): 61.70 | Depth to Water (DTW): 56.27 |
| Depth to Free Product: — | Thickness of Free Product (feet): — |
| Referenced to: (PVC) Grade | Flow Cell Type YSI 556 |
| DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 57.56 | |

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; Electric Submersible; Waterra; (2" Rediflo pump); Extraction Pump; Other_____

Sampling Method: Bailer; (Disposable Bailer); Extraction Port; Dedicated Tubing; Other:_____

Flow Rate= ~~Vapam~~ 1/2 gpm

0.9 (Gals.) X 3 = 2.7 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

| Well Diameter | Multiplier | Well Diameter | Multiplier |
|---|---|---|---|
| 1" | 0.04 | 4" | 0.65 |
| 2" | (0.16) | 6" | 1.47 |
| 3" | 0.37 | Other | radius² * 0.163 |

| Time | Temp (°F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Gals. Removed | Observations |
|---|---|---|---|---|---|---|---|---|
| 023 1025 | 22.70 | 6.62 | 4535 | 65 | 0.94 | 93.7 | 1 | |
| 1027 | 22.90 | 6.63 | 4623 | 41 | 0.31 | 93.5 | 2 | |
| 1029 | 23.06 | 6.63 | 4619 | 78 | 0.32 | 93.1 | 3 | |
| 1031 | 23.24 | 6.65 | 4411 | 132 | 0.46 | 91.0 | 4 | |
| 1033 | 23.28 | 6.66 | 4468 | 135 | 0.45 | 88.5 | 5 | |
| | | | | | | | | |
| | | | | | | | | |

Did well dewater? Yes (No) Gallons actually evacuated: 5

Sampling Date: 7/30/08 Sampling Time: 1045 Depth to Water: 56.84

Sample I.D.: PTI-MW15-072B Laboratory: TA

Analyzed for: See Sow Other:

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

FB I.D. (if applicable): @ Time Analyzed for:

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

# WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 080728-AT DM2 | Site: @ Eris @ PhibroTech |
| Sampler: NH | Date: 7/28/08 |
| Well I.D.: MW-1D | Well Diameter: (2) 3 4 6 8 ____ |
| Total Well Depth (TD): 95.40 | Depth to Water (DTW): 56.47 |
| Depth to Free Product: — | Thickness of Free Product (feet): — |
| Referenced to: (PVC) Grade | Flow Cell Type YSI 556 |
| DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 64.22 | |

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; Electric Submersible; Waterra; (2" Rediflo pump); Extraction Pump; Other_____

Sampling Method: Bailer; (Disposable Bailer); Extraction Port; Dedicated Tubing; Other:_____

**Flow Rate=** 1 gpm

| 1 Case Volume | | Specified Volumes | | Calculated Volume | |
|---|---|---|---|---|---|
| 6.3 | (Gals.) X | 3 | = | 18.9 | Gals. |

| Well Diameter | Multiplier | Well Diameter | Multiplier |
|---|---|---|---|
| 1" | 0.04 | 4" | 0.65 |
| 2" | (0.16) | 6" | 1.47 |
| 3" | 0.37 | Other | radius² * |

0.163

| Time | Temp (C) (~~F~~) | pH | Cond. (mS or (µS)) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Gals. Removed | Observations |
|---|---|---|---|---|---|---|---|---|
| 1119 | 21.99 | 7.21 | 1561 | 151 | 3.51 | 85.4 | 4 | |
| 1123 | 21.84 | 7.20 | 1563 | 11 | 3.62 | 79.6 | 8 | |
| 1127 | 21.85 | 7.20 | 1562 | 6 | 3.62 | 77.3 | 12 | |
| 1131 | 21.83 | 7.19 | 1564 | 5 | 3.62 | 74.3 | 16 | |
| 1135 | 21.85 | 7.19 | 1563 | 4 | 3.63 | 72.8 | 20 | |
| | | | | | | | | |
| | | | | | | | | |

Did well dewater? Yes (No) Gallons actually evacuated: 20

Sampling Date: 7/30/08 Sampling Time: 1145 Depth to Water: 56.48

Sample I.D.: ~~MW~~ PTI-MW1D-072 Laboratory: TA

Analyzed for: See SOW Other:

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

FB I.D. (if applicable): @ Time Analyzed for:

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

# WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 080728-DM2 | Site: Iris @ Phibro-Tech |
| Sampler: NH | Date: 7/28/08 |
| Well I.D.: MW-3 | Well Diameter: (2) 3 4 6 8 ___ |
| Total Well Depth (TD): 75.71 | Depth to Water (DTW): 60.71 |
| Depth to Free Product: — | Thickness of Free Product (feet): — |
| Referenced to: PVC Grade | Flow Cell Type YSI 556 |
| DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 63.71 | |

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; Electric Submersible; Waterra; 2" Rediflo pump; Extraction Pump; Other_____

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

**Flow Rate=** 1gpm

2.4 (Gals.) X 3 = 7.2 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

| Well Diameter | Multiplier | Well Diameter | Multiplier |
|---|---|---|---|
| 1" | 0.04 | 4" | 0.65 |
| 2" | 0.16 | 6" | 1.47 |
| 3" | 0.37 | Other | radius² * 0.163 |

| Time | Temp (°C) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Gals. Removed | Observations |
|---|---|---|---|---|---|---|---|---|
| 750 | 21.61 | 6.60 | 3150 | 24 | 0.39 | 188.0 | 2 | |
| 752 | 21.70 | 6.64 | 3775 | 29 | 0.38 | 182.5 | 4 | |
| 754 | 21.74 | 6.69 | 2460 | 10 | 0.37 | 164.6 | 6 | |
| 756 | 21.74 | 6.70 | 2409 | 7 | 0.39 | 158.1 | 8 | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

Did well dewater? Yes (No) Gallons actually evacuated: 8.0

Sampling Date: 7/30/08 Sampling Time: 805 Depth to Water: 61.84

Sample I.D.: PTI-MW3-072 Laboratory: TA

Analyzed for: See SOW Other:

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

FB I.D. (if applicable): @ Time Analyzed for:

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

# WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 080728-DM2 | Site: ~~0807~~ Iris @ Phibro - Tech |
| Sampler: NH | Date: 7/28/08 |
| Well I.D.: MW-4 | Well Diameter: (2) 3 4 6 8 ___ |
| Total Well Depth (TD): 69.74 | Depth to Water (DTW): 58.16 |
| Depth to Free Product: — | Thickness of Free Product (feet): — |
| Referenced to: (PVC) Grade | Flow Cell Type YSI 556 |
| DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 60.47 | |

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; Electric Submersible; Waterra; (2" Rediflo pump); Extraction Pump; Other_____

Sampling Method: Bailer; (Disposable Bailer); Extraction Port; Dedicated Tubing; Other: _____

**Flow Rate=** 1/2 gpm

1.9 (Gals.) X 3 = ~~5.7~~ 2.7 Gals.
1 Case Volume; Specified Volumes; Calculated Volume

| Well Diameter | Multiplier | Well Diameter | Multiplier |
|---|---|---|---|
| 1" | 0.04 | 4" | 0.65 |
| 2" | (0.16) | 6" | 1.47 |
| 3" | 0.37 | Other | radius² * 0.163 |

| Time | Temp (~~°F~~ °C) | pH | Cond. (mS or (µS)) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Gals. Removed | Observations |
|---|---|---|---|---|---|---|---|---|
| 1158 1201 | 23.52 | 6.57 | 9718 | 25 | 0.76 | 154.9 | 1.5 | |
| 1204 | 23.44 | 6.56 | 9782 | 28 | 0.26 | 197.4 | 3.0 | |
| 1207 | 23.36 | 6.58 | 8873 | 95 | 0.18 | 158.0 | 4.5 | |
| 1210 | 23.35 | 6.60 | 8372 | 115 | 0.09 | 157.3 | 6.0 | |
| 1213 | 23.29 | 6.61 | 8170 | 120 | 0.10 | 156.4 | 7.5 | |
| 1216 | 23.31 | 6.62 | 8134 | 123 | 0.10 | 155.8 | 9.0 | |
| 1219 | 23.41 | 6.62 | 8117 | 130 | 0.11 | 155.6 | 10.5 | |

Did well dewater? Yes (No) Gallons actually evacuated: 10.5

Sampling Date: 7/31/08 Sampling Time: 1230 Depth to Water: 58.40

Sample I.D.: PTI-MW4-078 Laboratory: TA

Analyzed for: See SOW Other: PTI-MW~~3~~4-078@ 1245M 1255

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

FB I.D. (if applicable): @ Time Analyzed for:

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

# LOW FLOW WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 080728-RM2 | Client: Ins |
| Sampler: NH | Start Date: 7/29/08 |
| Well I.D.: MW-4 | Well Diameter: 2 3 4 6 8 ___ |
| Total Well Depth: 69.74 | Depth to Water Pre: 58.16 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: 700mL/min | Pump Depth: 64.0

| 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 |
|---|---|---|---|---|---|---|---|---|
| 1130 | — | Start | Purge | — | — | — | — | |
| 1133 | 24.18 | 6.45 | 9466 | 20 | 0.40 | 179.7 | 600 | 58.16 |
| 1136 | 24.89 | 6.47 | 9647 | 10 | 0.39 | 178.6 | 1200 | 58.16 |
| 1139 | 26.25 | 6.48 | 9818 | 10 | 0.32 | 177.1 | 1800 | 58.16 |
| 1142 | 26.93 | 6.49 | 9878 | 10 | 0.29 | 175.5 | 2400 | 58.16 |
| 1145 | 27.03 | 6.49 | 9920 | 9 | 0.27 | 174.1 | 3000 | 58.16 |
| 1148 | 27.03 | 6.50 | 9982 | 9 | 0.26 | 172.7 | 3600 | 58.16 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

Did well dewater? Yes (No) | Amount actually evacuated: 3.6L

Sampling Time: 1155 | Sampling Date: 7/31/08

Sample I.D.: PTI-MW4-072 | Laboratory: TA

Analyzed for: TPH-G BTEX MTBE TPH-D | Other: See SOW

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

# WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 080728-DM2 | Site: Q^m Iris @ PhibroTech |
| Sampler: NH | Date: 7/28/08 |
| Well I.D.: MW-4A | Well Diameter: 2 3 4 6 8 ____ |
| Total Well Depth (TD): 107.34 | Depth to Water (DTW): 57.58 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: PVC Grade | Flow Cell Type YSI 556 |
| DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 65.53 | |

Purge Method: Bailer, Disposable Bailer, Positive Air Displacement, Electric Submersible, Waterra, 2" Rediflo pump, Extraction Pump, Other_____

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

Flow Rate= 2 gpm > 4 gpm

~~8.0~~ 32.4 (Gals.) X 3 = ~~24.0~~ 97.2 Gals.
1 Case Volume — Specified Volumes — Calculated Volume

| Well Diameter | Multiplier | Well Diameter | Multiplier |
|---|---|---|---|
| 1" | 0.04 | 4" | 0.65 |
| 2" | 0.16 | 6" | 1.47 |
| 3" | 0.37 | Other | radius² * 0.163 |

| Time | Temp (°F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Gals. Removed | Observations |
|---|---|---|---|---|---|---|---|---|
| 1035 | 21.33 | 7.19 | 1799 | 12 | 6.57 | 207.4 | 4 | |
| 1037 | 21.09 | 7.19 | 1788 | 5 | 6.48 | 203.5 | 8 | |
| 1039 | 21.09 | 7.19 | 1797 | 4 | 6.34 | 199.0 | 12 | Sped up Pump |
| ~~1041~~ 1045 | 20.97 | 7.18 | 1807 | 5 | 6.37 | 190.8 | ~~16~~ 36 | |
| ~~1043~~ 1051 | 21.03 | 7.14 | 1800 | 5 | 6.13 | 183.1 | ~~20~~ 60 | |
| ~~1045~~ 1057 | 20.97 | 7.18 | 1809 | 5 | 6.40 | 176.0 | ~~24~~ 84 | |
| 1101 | 20.96 | 7.18 | 1810 | 4 | 6.42 | 172.9 | 100 | |

Did well dewater? Yes No — Gallons actually evacuated: 100

Sampling Date: 7/31/08 — Sampling Time: 1115 — Depth to Water: 57.74

Sample I.D.: PTI-MW4A-078 — Laboratory: TA

Analyzed for: See SOW — Other:

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

FB I.D. (if applicable): @ Time — Analyzed for:

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

# WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 080728-~~DD~~-DMZ | Site: ~~Iris~~ Iris @ Phibro-Tech |
| Sampler: NH | Date: 7/28/08 |
| Well I.D.: MW-6B | Well Diameter: (2) 3 4 6 8 ____ |
| Total Well Depth (TD): 75.18 | Depth to Water (DTW): 54.91 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: PVC Grade | Flow Cell Type YSI 556 |
| DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 58.96 | |

Purge Method: Bailer, Disposable Bailer, Positive Air Displacement, Electric Submersible, Waterra, (2" Rediflo pump), Extraction Pump, Other_____

Sampling Method: Bailer, (Disposable Bailer), Extraction Port, Dedicated Tubing, Other: _____

Flow Rate= 1 gpm

3.3 (Gals.) X 3 = 9.9 Gals.
1 Case Volume — Specified Volumes — Calculated Volume

| Well Diameter | Multiplier | Well Diameter | Multiplier |
|---|---|---|---|
| 1" | 0.04 | 4" | 0.65 |
| 2" | 0.16 | 6" | 1.47 |
| 3" | 0.37 | Other | radius² * 0.163 |

| Time | Temp (°F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Gals. Removed | Observations |
|---|---|---|---|---|---|---|---|---|
| 41 843 | 22.18 | 6.85 | 1639 | 26 | 2.85 | 201.0 | 2 | |
| 845 | 22.09 | 6.86 | 1656 | 19 | 2.87 | 199.8 | 4 | |
| 847 | 22.05 | 6.87 | 1652 | 12 | 2.93 | 198.1 | 6 | |
| 849 | 22.04 | 6.86 | 1678 | 11 | 2.89 | 197.4 | 8 | |
| 851 | 22.02 | 6.86 | 1677 | 10 | 2.89 | 196.3 | 10 | |
| | | | | | | | | |
| | | | | | | | | |

| | | |
|---|---|---|
| Did well dewater? Yes (No) | Gallons actually evacuated: 10 | |
| Sampling Date: 7/31/08 | Sampling Time: 900 | Depth to Water: 55.03 |
| Sample I.D.: ~~MW~~ PTI-MW6B-078 | Laboratory: TA | |
| Analyzed for: See SOW | Other: | |
| EB I.D. (if applicable): @ Time | Duplicate I.D. (if applicable): | |
| FB I.D. (if applicable): @ Time | Analyzed for: | |
| D.O. (if req'd): Pre-purge: mg/L | Post-purge: mg/L | |
| O.R.P. (if req'd): Pre-purge: mV | Post-purge: mV | |

# WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 080728-~~MH~~ DM2 | Site: Iris @ Phibro - Tech |
| Sampler: NH | Date: 7/28/08 |
| Well I.D.: MW-6D | Well Diameter: ② 3 4 6 8 ___ |
| Total Well Depth (TD): 90.11 | Depth to Water (DTW): 55.37 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: PVC Grade | Flow Cell Type YSI556 |
| DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 62.32 | |

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; Electric Submersible; Waterra; 2" Rediflo pump; Extraction Pump; Other_____

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

Flow Rate= 1gpm

5.6 (Gals.) X 3 = 16.8 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

| Well Diameter | Multiplier | Well Diameter | Multiplier |
|---|---|---|---|
| 1" | 0.04 | 4" | 0.65 |
| 2" | 0.16 | 6" | 1.47 |
| 3" | 0.37 | Other | radius² * 0.163 |

| Time | Temp (°F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Gals. Removed | Observations |
|---|---|---|---|---|---|---|---|---|
| 1240 933 | 21.86 | 7.04 | 1616 | 10 | 3.82 | 230.6 | 3 | |
| 936 | 21.76 | 7.03 | 1607 | 5 | 3.85 | 225.8 | 6 | |
| 939 | 21.78 | 7.03 | 1605 | 3 | 3.87 | 220.8 | 9 | |
| 942 | 21.79 | 7.03 | 1604 | 2 | 3.85 | 217.5 | 12 | |
| 945 | 21.83 | 7.02 | 1602 | 2 | 3.89 | 214.5 | 15 | |
| 948 | 21.85 | 7.03 | 1602 | 2 | 3.87 | 211.2 | 18 | |
| | | | | | | | | |

Did well dewater? Yes No Gallons actually evacuated: 18

Sampling Date: 7/31/08 Sampling Time: 955 Depth to Water: 55.62

Sample I.D.: PTI-MW6D-078 Laboratory: TA

Analyzed for: See SOW Other:

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

FB I.D. (if applicable): @ Time Analyzed for:

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

# WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 080728-DM2 | Site: Ivis @ Philoro Tech |
| Sampler: NH | Date: 7/28/08 |
| Well I.D.: MW-7 | Well Diameter: (2) 3 4 6 8 ___ |
| Total Well Depth (TD): 69.45 | Depth to Water (DTW): 55.36 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: (PVC) Grade | Flow Cell Type YSI 556 |
| DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: | |

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; Electric Submersible; Waterra; (2" Rediflo pump); Extraction Pump; Other_____

Sampling Method: Bailer; (Disposable Bailer); Extraction Port; Dedicated Tubing; Other:_____

**Flow Rate=** 1 gpm

| 2.3 | (Gals.) X | 3 | = | 6.9 | Gals. |
|---|---|---|---|---|---|
| 1 Case Volume | | Specified Volumes | | Calculated Volume | |

| Well Diameter | Multiplier | Well Diameter | Multiplier |
|---|---|---|---|
| 1" | 0.04 | 4" | 0.65 |
| 2" | 0.16 | 6" | 1.47 |
| 3" | 0.37 | Other | radius² * 0.163 |

| Time | Temp (°C) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Gals. Removed | Observations |
|---|---|---|---|---|---|---|---|---|
| 755 757 | 21.41 | 7.05 | 2312 | 360 | 0.48 | 220.3 | 2 | |
| 759 | 21.39 | 7.13 | 2285 | 30 | 0.35 | 216.4 | 4 | |
| 801 | 21.44 | 7.15 | 2282 | 14 | 0.29 | 213.5 | 6 | |
| 803 | 21.48 | 7.16 | 2271 | 13 | 0.26 | 211.6 | 8 | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

Did well dewater? Yes (No) Gallons actually evacuated: 8

Sampling Date: 7/31/08 Sampling Time: 810 Depth to Water: 55.50

Sample I.D.: PTI-MW7-0728 Laboratory: TA

Analyzed for: See SOW Other:

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

FB I.D. (if applicable): @ Time Analyzed for:

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

## WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 080728-DM2 | Site: Iris @ Phibro-Tech |
| Sampler: NLL | Date: 7/28/08 |
| Well I.D.: MW-9 | Well Diameter: 2 3 (4) 6 8 ___ |
| Total Well Depth (TD): 75.02 | Depth to Water (DTW): 58.12 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: (PVC) Grade | Flow Cell Type YSI 556 |
| DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 61.56 | |

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; Electric Submersible; Waterra; (2" Rediflo pump); Extraction Pump; Other_____

Sampling Method: Bailer; (Disposable Bailer); Extraction Port; Dedicated Tubing; Other:_____

Flow Rate= 2gpm

11.0 (Gals.) X 3 = 33 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

| Well Diameter | Multiplier | Well Diameter | Multiplier |
|---|---|---|---|
| 1" | 0.04 | 4" | 0.65 |
| 2" | 0.16 | 6" | 1.47 |
| 3" | 0.37 | Other | radius² * 0.163 |

| Time | Temp (°F) | pH | Cond. (mS or (µS)) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Gals. Removed | Observations |
|---|---|---|---|---|---|---|---|---|
| 1524 | 22.20 | 6.75 | 7459 | 3 | 0.93 | 84.9 | 16 | |
| 1527 | 21.99 | 6.80 | 2409 | 3 | 0.94 | 87.2 | 22 | |
| 1530 | 21.92 | 6.82 | 2350 | 3 | 0.98 | 88.6 | ~~9~~ 19 | |
| 1533 | 21.86 | 6.83 | 2317 | 3 | 1.02 | 89.2 | ~~24~~ 25 | |
| 1537 | 21.84 | 6.84 | 2298 | 3 | 1.11 | 89.8 | 33 | |
| | | | | | | | | |
| | | | | | | | | |

Did well dewater? Yes (No) Gallons actually evacuated: 33.0

Sampling Date: 7/29/08 Sampling Time: 1540 Depth to Water: 58.23

Sample I.D.: ~~MW-9~~ PTI-MW9-072808 Laboratory: TA

Analyzed for: Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable): ~~MW-35~~ PTI-MW35-072808

FB I.D. (if applicable): @ Time Analyzed for:

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

# LOW FLOW WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 080728-DM2 | Client: Iris |
| Sampler: NH | Start Date: 7/28/08 |
| Well I.D.: MW-9 | Well Diameter: 2 3 (4) 6 8 ____ |
| Total Well Depth: 75.02 | Depth to Water Pre: 58.12 Post: 58.22 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: PVC Grade | Flow Cell Type: YSI 556 |

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

Flow Rate: 200mL/min
Pump Depth: 70.0

| 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~~ |
|---|---|---|---|---|---|---|---|---|
| 57 1457 | — Start Purge | | | | | | | |
| 1500 | 24.09 | 6.67 | 2904 | 3 | 0.86 | 30.2 | 600 | 58.19 |
| 1503 | 24.66 | 6.65 | 2928 | 3 | 0.49 | 55.8 | 1200 | 58.20 |
| 1506 | 24.87 | 6.65 | 2930 | 3 | 0.51 | 66.0 | 1800 | 58.21 |
| 1509 | 24.90 | 6.65 | 2917 | 3 | 0.50 | 70.3 | 2400 | 58.22 |
| 1512 | 25.12 | 6.66 | 2868 | 3 | 049 | 72.7 | 3000 | 58.22 |
| | | | | | | | ~~3600~~ | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

Did well dewater? Yes (No) Amount actually evacuated: 3.0L

Sampling Time: 1520 Sampling Date: 7/29/30

Sample I.D.: PTI-MW9-072808 Laboratory: TA

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

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

# WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 080728-DM2 | Site: Iris @ Phibro-Tech |
| Sampler: NH | Date: 7/28/08 |
| Well I.D.: MW-11 | Well Diameter: (2) 3 4 6 8 ___ |
| Total Well Depth (TD): 76.29 | Depth to Water (DTW): 60.90 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: PVC Grade | Flow Cell Type YSI 556 |
| DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 63.98 | |

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; Electric Submersible; Waterra; 2" Rediflo pump; Extraction Pump; Other_____

Sampling Method: (Bailer); Disposable Bailer; Extraction Port; Dedicated Tubing; Other:_____

**Flow Rate=** 1 gpm

| 2.5 (Gals.) X | 3 | = | 7.5 Gals. |
|---|---|---|---|
| 1 Case Volume | Specified Volumes | | Calculated Volume |

| Well Diameter | Multiplier | Well Diameter | Multiplier |
|---|---|---|---|
| 1" | 0.04 | 4" | 0.65 |
| 2" | 0.16 | 6" | 1.47 |
| 3" | 0.37 | Other | radius² * 0.163 |

| Time | Temp (°C) (°F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Gals. Removed | Observations |
|---|---|---|---|---|---|---|---|---|
| 842 844 | 21.86 | 7.04 | 1925 | 43 | 0.31 | -54 | 2 | |
| 846 | 21.77 | 7.05 | 1896 | 56 | 0.29 | -17.2 | 4 | |
| 848 | 21.80 | 7.05 | 1856 | 100 | 0.28 | -23.0 | 6 | |
| 850 | 21.82 | 7.05 | 1847 | 105 | 0.27 | -27.6 | 8 | |
| 852 | 21.79 | 7.04 | 1834 | 105 | 0.28 | -32.5 | 10 | |
| | | | | | | | | |
| | | | | | | | | |

| | | | |
|---|---|---|---|
| Did well dewater? Yes No | | Gallons actually evacuated: | |
| Sampling Date: ~~7/27~~ 7/30/08 | Sampling Time: 900 | Depth to Water: 61.00 | |
| Sample I.D.: PTI-MW11-072 | | Laboratory: TA | |
| Analyzed for: Seeson | | Other: | |
| EB I.D. (if applicable): @ Time | | Duplicate I.D. (if applicable): | |
| FB I.D. (if applicable): @ Time | | Analyzed for: | |
| D.O. (if req'd): Pre-purge: | mg/L | Post-purge: | mg/L |
| O.R.P. (if req'd): Pre-purge: | mV | Post-purge: | mV |

## WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 080728-DM2 | Site: Iris @ Philbio-Tech |
| Sampler: NH | Date: 7/28/08 |
| Well I.D.: MW-145 | Well Diameter: (2) 3 4 6 8 ___ |
| Total Well Depth (TD): 70.06 | Depth to Water (DTW): 56.67 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: PVC Grade | Flow Cell Type YSI 556 |
| DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 59.35 | |

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; Electric Submersible; Waterra; 2" Rediflo pump; Extraction Pump; Other_____

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

**Flow Rate=** 1 gpm

2.2 (Gals.) X 3 = 6.6 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

| Well Diameter | Multiplier | Well Diameter | Multiplier |
|---|---|---|---|
| 1" | 0.04 | 4" | 0.65 |
| 2" | 0.16 | 6" | 1.47 |
| 3" | 0.37 | Other | radius² * 0.163 |

| Time | Temp (~~F~~) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Gals. Removed | Observations |
|---|---|---|---|---|---|---|---|---|
| 1535 | 22.96 | 6.66 | 7575 | 192 | 8.46 | 100.4 | 2 | |
| 1537 | 22.84 | 6.68 | 7206 | 47 | 5.16 | 102.5 | 4 | |
| 1539 | 22.89 | 6.71 | 6750 | 20 | 2.90 | 103.7 | 6 | |
| 1541 | 22.87 | 6.74 | 6222 | 15 | 1.61 | 104.7 | 8 | |
| 1543 | 22.91 | 6.75 | 6040 | 16 | 1.31 | 104.6 | 10 | |
| 1545 | 22.83 | 6.76 | 5894 | 15 | 0.95 | 104.3 | 12 | |
| 1547 | 22.90 | 6.76 | 5867 | 15 | 0.93 | 104.2 | 14 | |

Did well dewater? Yes (No) Gallons actually evacuated: 14

Sampling Date: ~~7/30~~ 7/30/08 Sampling Time: 1555 Depth to Water: 57.03

Sample I.D.: ~~MW~~ PTI-MW145-072 Laboratory: TA

Analyzed for: See Sow Other:

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

FB I.D. (if applicable): @ Time Analyzed for:

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

# WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 080728-DM2 | Site: Iris @ Phibro-Tech |
| Sampler: NW | Date: 7/28/08 |
| Well I.D.: MW-15S | Well Diameter: (2) 3 4 6 8 ___ |
| Total Well Depth (TD): 71.04 | Depth to Water (DTW): 57.68 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: (PVC) Grade | Flow Cell Type YSI 556 |
| DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 60.26 | |

Purge Method: Bailer / Disposable Bailer / Positive Air Displacement / Electric Submersible / Waterra / (2" Rediflo pump) / Extraction Pump / Other_____

Sampling Method: Bailer / (Disposable Bailer) / Extraction Port / Dedicated Tubing / Other: _____

Flow Rate= ~~4 gpm~~ 1/2 gpm

2.2 (Gals.) X 3 = 6.6 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

| Well Diameter | Multiplier | Well Diameter | Multiplier |
|---|---|---|---|
| 1" | 0.04 | 4" | 0.65 |
| 2" | 0.16 | 6" | 1.47 |
| 3" | 0.37 | Other | radius² * 0.163 |

| Time | Temp (°F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Gals. Removed | Observations |
|---|---|---|---|---|---|---|---|---|
| 1416 | 22.90 | 7.09 | 2192 | 28 | 0.31 | 91.1 | 1.5 | |
| 1419 | ~~23.09~~ 23.09 | 7.09 | 2205 | 21 | 0.26 | 86.6 | 3.0 | |
| 1422 | 23.04 | 7.09 | 2211 | 11 | 0.24 | 82.4 | 4.5 | |
| 1425 | 23.11 | 7.08 | 2246 | 7 | 0.22 | 78.3 | 6.0 | |
| 1428 | 23.04 | 7.08 | 2263 | 5 | 0.21 | 75.5 | 7.5 | |
| | | | | | | | | |
| | | | | | | | | |

Did well dewater? Yes (No) Gallons actually evacuated: 7.5

Sampling Date: 7/30/08 Sampling Time: 1435 Depth to Water: 57.76

Sample I.D.: PTI-MW15S-072 Laboratory: TA

Analyzed for: See SOW Other:

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

FB I.D. (if applicable): @ Time Analyzed for:

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

# WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 080728-OMA | Site: Iris@Phibro-Tech |
| Sampler: NH | Date: 7/28/08 |
| Well I.D.: MW-15D | Well Diameter: ② 3 4 6 8 ___ |
| Total Well Depth (TD): 123.50 | Depth to Water (DTW): 57.80 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: PVC Grade | Flow Cell Type YSI 556 |
| DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 70.94 | |

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; Electric Submersible; Waterra; 2" Rediflo pump; Extraction Pump; Other_____

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

**Flow Rate=** 2 GPM

10.6 (Gals.) X 3 = 31.8 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

| Well Diameter | Multiplier | Well Diameter | Multiplier |
|---|---|---|---|
| 1" | 0.04 | 4" | 0.65 |
| 2" | 0.16 | 6" | 1.47 |
| 3" | 0.37 | Other | radius² * 0.163 |

| Time | Temp (°C) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Gals. Removed | Observations |
|---|---|---|---|---|---|---|---|---|
| 1318 | 20.98 | 7.25 | 1621 | 23 | 7.90 | 88.9 | 6 | |
| 1321 | 21.01 | 7.25 | 1654 | 6 | 8.13 | 87.3 | 12 | |
| 1324 | 20.96 | 7.24 | 1652 | 4 | 8.23 | 85.2 | 18 | |
| 1327 | 20.99 | 7.24 | 1628 | 3 | 8.12 | 83.6 | 24 | |
| 1331 | 20.91 | 7.25 | 1602 | 3 | 7.98 | 82.3 | 32 | |
| | | | | | | | | |
| | | | | | | | | |

Did well dewater? Yes (No) Gallons actually evacuated: 32

Sampling Date: 7/30/08 Sampling Time: ~~1~~ 1345 Depth to Water: 57.92

Sample I.D.: PTI-MW15D-078 Laboratory: TA

Analyzed for: SeeSow Other:

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

FB I.D. (if applicable): @ Time Analyzed for:

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

# WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 080728-DM2 | Site: Iris @ Phibro-Tech |
| Sampler: NM | Date: 7/28/04 |
| Well I.D.: MW-16 | Well Diameter: (2) 3 (4) 6 8 ___ |
| Total Well Depth (TD): 61.68 | Depth to Water (DTW): 55.76 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: (PVC) Grade | Flow Cell Type YSI 556 |
| DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 56.94 | |

Purge Method: Bailer / Disposable Bailer / Positive Air Displacement / Electric Submersible / Waterra / (2" Rediflo pump) / Extraction Pump / Other_____

Sampling Method: Bailer / (Disposable Bailer) / Extraction Port / Dedicated Tubing / Other:_____

Flow Rate=_____

| 1 Case Volume | (Gals.) X | Specified Volumes | = | Calculated Volume | Gals. |
|---|---|---|---|---|---|
| (1.0) | | 3 | | 3.0 | |

| Well Diameter | Multiplier | Well Diameter | Multiplier |
|---|---|---|---|
| 1" | 0.04 | 4" | 0.65 |
| 2" | 0.16 | 6" | 1.47 |
| 3" | 0.37 | Other | radius² * 0.163 |

| Time | Temp (°C) (°F) | pH | Cond. (mS or (µS)) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Gals. Removed | Observations |
|---|---|---|---|---|---|---|---|---|
| 24 936 | 22.39 | 6.60 | 2503 | 5 | 0.29 | 74.7 | 1 | |
| 938 | 22.65 | 6.62 | 2482 | 3 | 0.26 | 75.4 | 2 | |
| 940 | 22.72 | 6.63 | 2477 | 2 | 0.26 | 75.3 | 3 | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

Did well dewater? Yes (No) Gallons actually evacuated: 3

Sampling Date: 7/30/08 Sampling Time: 950 Depth to Water: 55.09

Sample I.D.: PTI-MW16-078 Laboratory: TA

Analyzed for: See Sow Other:

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

FB I.D. (if applicable): @ Time Analyzed for:

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

# WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 080728-DM2 | Site: Iris @ Philbro-Tech |
| Sampler: ALH | Date: 7/28/08 |
| Well I.D.: MW-17S | Well Diameter: 2 3 (4) 6 8 ___ |
| Total Well Depth (TD): 74.48 | Depth to Water (DTW): 55.84 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: (PVC) Grade | Flow Cell Type YSI 556 |
| DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 59.57 | |

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; Electric Submersible; Waterra; (2" Rediflo pump); Extraction Pump; Other_____

Sampling Method: Bailer; (Disposable Bailer); Extraction Port; Dedicated Tubing; Other: _____

Flow Rate= 3 gpm

12.2 (Gals.) X 3 = 36.6 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

| Well Diameter | Multiplier | Well Diameter | Multiplier |
|---|---|---|---|
| 1" | 0.04 | 4" | 0.65 |
| 2" | 0.16 | 6" | 1.47 |
| 3" | 0.37 | Other | radius² * 0.163 |

| Time | Temp (°C) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Gals. Removed | Observations |
|---|---|---|---|---|---|---|---|---|
| 341 1343 | 21.71 | 7.18 | 1856 | 6 | 0.29 | -121.3 | 6 | |
| 1345 | 21.72 | 7.18 | 1836 | 4 | 0.24 | -122.2 | 12 | |
| 1347 | 21.73 | 7.17 | 1833 | 3 | 0.21 | -123.0 | 18 | |
| 1349 | 21.72 | 7.17 | 1843 | 3 | 0.20 | -123.9 | 24 | |
| 1351 | 21.72 | 7.17 | 1829 | 3 | 0.19 | -125.4 | 30 | |
| 1353 | 21.71 | 7.16 | 1850 | 3 | 0.20 | -126.7 | 37 | |
| | | | | | | | | |

Did well dewater? Yes (No) Gallons actually evacuated: 37

Sampling Date: 7/29/08 Sampling Time: 1405 Depth to Water: 55.93

Sample I.D.: PTI-MW17S-072 Laboratory: TA

Analyzed for: See SOW Other:

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

FB I.D. (if applicable): @ Time Analyzed for:

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

# LOW FLOW WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 080728-DM2 | Client: Eris @ Phibro-Tech |
| Sampler: NH | Start Date: 7/28/08 |
| Well I.D.: MW-175 | Well Diameter: 2 3 (4) 6 8 ___ |
| Total Well Depth: 74.48 | Depth to Water Pre: 55.84 Post: |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: (PVC) Grade | Flow Cell Type: YSI556 |

Purge Method: (2" Grundfos Pump)
Sampling Method: (Dedicated Tubing)

Peristaltic Pump Bladder Pump
New Tubing ~~4"~~ 69.5 Other ___

Flow Rate: 200 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~~ |
|---|---|---|---|---|---|---|---|---|
| 1305 1305 | Start Purge | | | | | | | |
| 1308 | 26.76 | 7.27 | 1675 | 10 | 1.30 | -90.0 | 600 | 55.92 |
| 1311 | 27.09 | 7.23 | 1673 | 7 | 0.49 | -131.0 | 1200 | 55.92 |
| 1314 | 27.37 | 7.22 | 1683 | 2 | 0.43 | -143.1 | 1800 | 55.92 |
| 1317 | 27.56 | 7.21 | 1687 | 2 | 0.40 | -155.9 | 2400 | 55.92 |
| 1320 | 28.26 | 7.19 | 1694 | 2 | 0.36 | -164.6 | 3000 | 55.92 |
| 1323 | 28.67 | 7.19 | 1696 | 2 | 0.34 | -161.0 | 3600 | 55.92 |
| 1326 | 28.78 | 7.18 | 1701 | 2 | 0.35 | -167.1 | 4200 | 55.93 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

Did well dewater? Yes (No) Amount actually evacuated: ~~2~~ 4.2L

Sampling Time: 1335 Sampling Date: 7/29/08

Sample I.D.: PTI-mw175-078 Laboratory: TA

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

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

# WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 080728-PM1 | Site: Iris @ PHIBro Tech |
| Sampler: NH | Date: 7/28/08 |
| Well I.D.: MW-18S | Well Diameter: 2 3 (4) 6 8 ___ |
| Total Well Depth (TD): 116.67 | Depth to Water (DTW): 56.36 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: (PVC) Grade | Flow Cell Type YSI 556 |
| DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 58.44 | |

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; Electric Submersible; Waterra; (2" Rediflo pump); Extraction Pump; Other_____

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

Flow Rate= 1gpm

6.7 (Gals.) X 3 = 20.1 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

| Well Diameter | Multiplier | Well Diameter | Multiplier |
|---|---|---|---|
| 1" | 0.04 | 4" | 0.65 |
| 2" | 0.16 | 6" | 1.47 |
| 3" | 0.37 | Other | radius² * 0.163 |

| Time | Temp (°F) | pH | Cond. (mS or (µS)) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Gals. Removed | Observations |
|---|---|---|---|---|---|---|---|---|
| 1112 | 22.09 | 6.93 | 2148 | 3 | 0.29 | 61.9 | 3 | |
| 1115 | 22.16 | 6.94 | 2136 | 3 | 0.29 | 61.6 | 6 | |
| 1118 | 22.16 | 6.92 | 2170 | 3 | 0.36 | 61.5 | 9 | |
| 1121 | 22.13 | 6.92 | 2153 | 3 | 0.42 | 61.2 | 12 | |
| 1124 | 22.10 | 6.91 | 2209 | 3 | 0.42 | 61.1 | 15 | |
| 1127 | 22.07 | 6.92 | 2193 | 3 | 0.42 | 60.9 | 18 | |
| 1130 | 22.05 | 6.91 | 2209 | 3 | 0.40 | 60.8 | 21 | |

| | | | |
|---|---|---|---|
| Did well dewater? Yes (No) | Gallons actually evacuated: 21 | | |
| Sampling Date: 7/28/08 | Sampling Time: 1135 | Depth to Water: 57.85 | |
| Sample I.D.: PTI-MW18S-0728 | Laboratory: TA | | |
| Analyzed for: See SOW | Other: | | |
| EB I.D. (if applicable): @ Time | Duplicate I.D. (if applicable): | | |
| FB I.D. (if applicable): @ Time | Analyzed for: | | |
| D.O. (if req'd): Pre-purge: | mg/L | Post-purge: | mg/L |
| O.R.P. (if req'd): Pre-purge: | mV | Post-purge: | mV |

# LOW FLOW WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 080728-DM2 | Client: Ivis |
| Sampler: ~~AF~~ NH | Start Date: 7/28/08 |
| Well I.D.: MW-185 | Well Diameter: 2 3 (4) 6 8 ____ |
| Total Well Depth: 66.67 | Depth to Water Pre: 56.38 Post: 56.73 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: (PVC) Grade | Flow Cell Type: 451 556 |

Purge Method: (2" Grundfos Pump) Peristaltic Pump Bladder Pump
Sampling Method: (Dedicated Tubing) New Tubing Other ____
Flow Rate: 200 Pump Depth: ~~AS~~ 61.0

| 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~~ |
|---|---|---|---|---|---|---|---|---|
| 1041 | | | | | | | 600 | |
| 1044 | 23.71 | 6.95 | 1973 | 2 | 1.33 | 40.4 | 1200 | 56.73 |
| 1047 | 24.43 | 6.92 | 1987 | 2 | 0.82 | 42.3 | 1800 | 56.73 |
| 1050 | 25.17 | 6.90 | 2006 | 2 | 0.65 | 42.9 | 2400 | 56.73 |
| 1053 | 25.74 | 6.91 | 2033 | 2 | 0.56 | 43.6 | 3000 | 56.73 |
| 1056 | 25.91 | 6.92 | 2053 | 2 | 0.55 | 43.9 | 3600 | 56.73 |
| 1059 | 25.86 | 6.92 | 2069 | 2 | 0.55 | 44.4 | 4200 | 56.73 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

| | |
|---|---|
| Did well dewater? Yes (No) | Amount actually evacuated: 4200 |
| Sampling Time: 1100 | Sampling Date: 7/29/08 |
| Sample I.D.: ~~MW-185~~ DUP-MW185-072808 | Laboratory: TA |
| Analyzed for: TPH-G BTEX MTBE TPH-D | Other: See SOW |
| Equipment Blank I.D.: @ Time | Duplicate I.D.: |

# WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 080728-DM2 | Site: Iris @ Philbro-Tech |
| Sampler: N H | Date: 7/28/08 |
| Well I.D.: MW-19S | Well Diameter: 2 3 (4) 6 8 ___ |
| Total Well Depth (TD): 73.60 | Depth to Water (DTW): 57.30 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: (PVC) Grade | Flow Cell Type YSI 556 |
| DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 60.56 | |

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; Electric Submersible; Waterra; (2" Rediflo pump); ~~Extraction Pump~~; Other_____

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

**Flow Rate=** 2 gpm

10.6 (Gals.) X 3 = 31.8 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

| Well Diameter | Multiplier | Well Diameter | Multiplier |
|---|---|---|---|
| 1" | 0.04 | 4" | 0.65 |
| 2" | 0.16 | 6" | 1.47 |
| 3" | 0.37 | Other | radius² * 0.163 |

| Time | Temp (°F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Gals. Removed | Observations |
|---|---|---|---|---|---|---|---|---|
| 1012 | 72.38 | 6.78 | 4020 | 3 | 0.41 | -9.9 | 6 | |
| 1015 | 72.08 | 6.70 | 5436 | 4 | 0.41 | -15.6 | 12 | |
| — | Well dewatered @ | | | | 15 gal | | — | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| 1430 | 23.09 | 6.84 | 4352 | 1 | 0.36 | -7.6 | — | |

Did well dewater? (Yes) No Gallons actually evacuated: 15

Sampling Date: 7/29/08 Sampling Time: 1430 Depth to Water: 57.66

Sample I.D.: ~~MW-19S~~ PTI-MW19S Laboratory: TA

Analyzed for: See Sow Other:

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

FB I.D. (if applicable): @ Time Analyzed for:

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

# LOW FLOW WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 080728-DMZ | Client: Iris |
| Sampler: NM | Start Date: 7/29/08 |
| Well I.D.: MW-19S | Well Diameter: 2 3 (4) 6 8 ____ |
| Total Well Depth: 73.60 | Depth to Water Pre: 57.30 Post: 58.35 |
| 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: 200 mL/min Pump Depth: 68.0

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | ~~58.35~~ DTW ~~Observations~~ |
|---|---|---|---|---|---|---|---|---|
| 940 | Start | | Purge | | | | | |
| 943 | 23.19 | 6.56 | 7032 | 2 | 0.75 | 33.2 | 600 | 58.33 |
| 946 | 23.40 | 6.57 | 7071 | 2 | 0.65 | 27.5 | 1200 | 58.34 |
| 949 | 23.95 | 6.57 | 7122 | 2 | 0.93 | 19.8 | 1800 | 58.34 |
| 952 | 24.58 | 6.57 | 7144 | 2 | 0.65 | 13.8 | 2400 | 58.35 |
| 955 | 25.03 | 6.58 | 7144 | 2 | 0.46 | 7.5 | 3000 | 58.35 |
| 958 | 25.24 | 6.59 | 7138 | 2 | 0.44 | 3.5 | 3600 | 58.35 |
| 1001 | 25.45 | 6.60 | 7100 | 2 | 0.41 | 1.8 | 4200 | 58.35 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

Did well dewater? Yes (No) Amount actually evacuated: 4.2L
Sampling Time: 1005 Sampling Date: 7/29/08
Sample I.D.: PTI - MW19S - 078 Laboratory: TA
Analyzed for: TPH-G BTEX MTBE TPH-D Other: See SOW
Equipment Blank I.D.: @ Time Duplicate I.D.:

# WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: ^ | Site: Iris @ Phi-Brotec |
| Sampler: NH | Date: 7/29/08 |
| Well I.D.: MW-20 | Well Diameter: 2 3 (4) 6 8 ____ |
| Total Well Depth (TD): 89.20 | Depth to Water (DTW): 55.06 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: ~~PVC~~ Grade | Flow Cell Type ~~YSI 556~~ |
| DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 61.89 | |

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; Electric Submersible; Waterra; ~~2" Redflo pump~~; ~~Extraction Pump~~; Other_____

Sampling Method: Bailer; (Disposable Bailer); Extraction Port; Dedicated Tubing; Other:_____

**Flow Rate=** 3 g.p.m

22.2 (Gals.) X 3 = 66.6 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

| Well Diameter | Multiplier | Well Diameter | Multiplier |
|---|---|---|---|
| 1" | 0.04 | 4" | 0.65 |
| 2" | 0.16 | 6" | 1.47 |
| 3" | 0.37 | Other | radius² * 0.163 |

| Time | Temp (~~°F~~ C) | pH | Cond. (mS or ~~µS~~) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Gals. Removed | Observations |
|---|---|---|---|---|---|---|---|---|
| 847 | 22.05 | 6.66 | 4400 | 18 | 0.31 | 141.9 | 11 | |
| 850 | 21.90 | 6.62 | 4243 | 10 | 0.26 | 117.9 | 22 | |
| 854 | 21.87 | 6.63 | 4033 | 7 | 0.25 | 99.5 | 34 | |
| 858 | 21.86 | 6.64 | 3913 | 5 | 0.21 | 86.8 | 45 | |
| 901 | 21.85 | 6.69 | 3785 | 4 | 0.20 | 78.2 | 6756 | |
| 905 | 21.85 | 6.69 | 3772 | 4 | 0.21 | 72.8 | 67 | |
| | | | | | | | | |

Did well dewater? Yes (No) Gallons actually evacuated: 67 gal

Sampling Date: 7/29/08 Sampling Time: 910 Depth to Water: 55.12

Sample I.D.: ~~MW-20~~ PTI-MW20-0729 Laboratory: TA

Analyzed for: See SOW Other:

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

FB I.D. (if applicable): @ Time Analyzed for:

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

# LOW FLOW WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: | Client: Iris |
| Sampler: NW | Start Date: 7/29/08 |
| Well I.D.: MW-20 | Well Diameter: 2 3 (4) 6 8 ____ |
| Total Well Depth: 89.20 | Depth to Water Pre: 55.06 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: ~~15~~ 200 mL/min Pump Depth: 84.0

| 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~~ |
|---|---|---|---|---|---|---|---|---|
| 747 | Start Purge | | | | | | | |
| 750 | 22.57 | 6.45 | 7223 | 194 | 0.73 | 221.9 | 600 | 55.15 |
| 753 | 22.73 | 6.47 | 7220 | 141 | 0.84 | 218.2 | 1200 | 55.17 |
| 756 | 23.07 | 6.48 | 7231 | 92 | 1.32 | 214.8 | 1800 | 55.18 |
| 759 | 23.72 | 6.49 | 7234 | 76 | 2.23 | 210.2 | 2400 | 55.18 |
| 802 | 24.24 | 6.49 | 7227 | 50 | 2.59 | 206.8 | 3000 | 55.18 |
| 805 | 24.63 | 6.50 | 7222 | 44 | 2.28 | 203.7 | 3600 | 55.18 |
| 808 | 24.83 | 6.50 | 7196 | 35 | 1.83 | 200.5 | 4200 | 55.18 |
| 811 | 24.94 | 6.51 | 7146 | 32 | 1.30 | 197.0 | 4800 | 55.18 |
| 814 | 24.99 | 6.52 | 7062 | 26 | 1.00 | 193.5 | 5400 | 55.18 |
| 817 | 25.04 | 6.53 | 7008 | 23 | 0.91 | 191.5 | 6000 | 55.18 |

| | |
|---|---|
| Did well dewater? Yes (No) | Amount actually evacuated: 9000mL |
| Sampling Time: 835 | Sampling Date: 7/29/08 |
| Sample I.D.: ~~MW-20~~ FTI-MW20S-078 | Laboratory: TA |
| 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 #: | Client: Tris |
| Sampler: KH | Start Date: 7/29/08 |
| Well I.D.: MW-205 | Well Diameter: 2 3 (4) 6 8 ____ |
| Total Well Depth: 84.20 | Depth to Water Pre: 55.06 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: 200mL/m Pump Depth: 84.0

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Observations |
|---|---|---|---|---|---|---|---|---|
| 820 | 25.09 | 6.53 | 6432 | 20 | 0.80 | 199.2 | 6600 | 55.18 |
| 823 | 25.15 | 6.54 | 6851 | 21 | 0.67 | 186.0 | 7200 | 55.18 |
| 826 | 25.15 | 6.54 | 6814 | 20 | 0.61 | 184.6 | 7800 | 55.18 |
| 829 | 25.23 | 6.55 | 6747 | 18 | 0.59 | 182.7 | 8400 | 55.18 |
| 832 | 25.29 | 6.55 | 6673 | 18 | 0.57 | 181.1 | 9000 | 55.18 |
| | | | | | | | | |
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| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

| | |
|---|---|
| Did well dewater? Yes (No) | Amount actually evacuated: 9000mL |
| Sampling Time: 835 | Sampling Date: 7/29/08 |
| Sample I.D.: PT1 - MW205 - 678 | Laboratory: TA |
| Analyzed for: TPH-G BTEX MTBE TPH-D | Other: |
| Equipment Blank I.D.: @ Time | Duplicate I.D.: |

# WELLHEAD INSPECTION CHECKLIST



Client Trix Date 7/31/08

Site Address Phibro - Tech

Job Number 060728-DM2 Technician MHarred

| Well ID | Well Inspected - No Corrective Action Required | WELL IS SECURABLE BY DESIGN (12"or less) | WELL IS CLEARLY MARKED WITH THE WORDS "MONITORING WELL" (12"or less) | Water Bailed From Wellbox | Wellbox Components Cleaned | Cap Replaced | Lock Replaced | Other Action Taken (explain below) | Well Not Inspected (explain below) | Repair Order Submitted |
|---|---|---|---|---|---|---|---|---|---|---|
| MW-20 | | | ✓ | | | | | | | Tabs sent |
| MW-19 | | | ✓ | | | | | | | |
| MW-18 | | | ✓ | | | | | | | |
| MW-16 | | | ✓ | | | | | | | |
| MW-7 | | | ✓ | | | | | | | |
| MW-6B | | | ✓ | | | | | | | |
| MW-6C | | | ✓ | | | | | | | |
| | | | | | | | | | | |
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| | | | | | | | | | | |

NOTES:

# TEST EQUIPMENT CALIBRATION LOG

| PROJECT NAME Erin@ Phibro-Tech | | | | PROJECT NUMBER | | | |
|---|---|---|---|---|---|---|---|
| EQUIPMENT NAME | EQUIPMENT NUMBER | DATE/TIME OF TEST | STANDARDS USED | EQUIPMENT READING | CALIBRATED TO: OR WITHIN 10%: | TEMP. °C | INITIALS |
| YSI 556 | 05IL1408 AF | 7/29/08 645 | pH 7 10 4 | ~~10.33~~ 6.70 10.33 4.23 | ✓ ✓ ✓ | 25.17 | NM |
| | | | 3900 Cond | 40.66 | ✓ | 25.63 | NM |
| | | | ORP 231.0 | 222.4 | ✓ | | |
| | | | DO% | 113.6 | ✓ | 25.79 | NM |
| | | 7/30/08 655 | pH 7 10 4 | 6.90 10.13 4.31 | ✓ ✓ ✓ | 24.98 | NM |
| | | | 3900 Cond | 3872 | ✓ | 25.06 | NM |
| | | | ORP 231.0 | 232.3 | ✓ | | |
| | | | DO% | 116.3 | ✓ | ✓ | NM |
| | | 7/31/08 709 | pH 7 10 4 | 6.85 10.17 4.31 | ✓ ✓ | 25.97 | NM |
| | | | 3900 Cond | 3909 | ✓ | 24.83 | NM |
| | | | ORP 231.0 | 232.0 | ✓ | | |
| | | | DO% | 112.3 | ✓ | 23.97 | NM |
| | | | | | | | |
| | | | | | | | |

001 IR02440

# IRIS ENVIRONMENTAL — CHAIN-OF-CUSTODY

1438 Webster Street, Suite 302
Oakland, California 94612
(510) 834-4747 tel
(510) 834-4199 fax

Date: 7/29/08 Page: 1 of 1 Nº 2712

Sampler Name(s): Becky FRYMER Signature(s):

| Sample ID | Date | Time | Matrix | Pres. | VOCs (8260) | Cd, Cr, Cu (6010) | Cr VI (7199) | pH (150.1) | Number of Containers |
|---|---|---|---|---|---|---|---|---|---|
| PTI-TB01-078 | 7/29/08 | 0700 | $H_2O$ | HCl | X | | | | |
| PTI-EB01-078 | 7/29/08 | 1330 | $H_2O$ | VAR | X | X | X | X | |
| PTI-MW09-078 | ↓ | 1540 | ↓ | VAR | X | X | X | X | |
| PTI-MW35-078 | ↓ | 1545 | ↓ | VAR | X | X | X | X | |

Analyses Required

**PROJECT INFORMATION**

Project Name: PTI
Project Number: 06-441-C
Contact Person: REBECCA FRYMER
E-mail: RFRYMER@IRISENV.COM
Contact Telephone: 510 834-4747 x 20
Report: Routine (Level 2) Level 3 Level 4 EDD
TAT: 10-day 5-day 72-hr 48-hr 24-hr Other:

**Special Instructions/Comments:**
field filtered for metals
intact 4.9 5.0

| RELINQUISHED BY: | RECEIVED BY: |
|---|---|
| Printed Name: K. FRYMER | Printed Name: Emilio ACEVES |
| Signature: | Signature: |
| Company: IRIS | Company: TAI |
| Time/Date: 7/29/08 1600 | Time/Date: 7/29/08 1610 |
| **RELINQUISHED BY:** | **RECEIVED BY:** |
| Printed Name: Emilio ACEVES | Printed Name: |
| Signature: | Signature: WILLIAM |
| Company: TAI | Company: TAI |
| Time/Date: 7/29/08 1830 | Time/Date: 7/29/08 18:30 |

036 1.8°C

**IRIS ENVIRONMENTAL** **CHAIN-OF-CUSTODY**

1438 Webster Street, Suite 302
Oakland, California 94612
(510) 834-4747 tel
(510) 834-4199 fax

Date: 7/30/08 Page: 1 of 1 Nº 2709

Sampler Name(s): Becky Frymer Signature(s):

Analyses Required: IRG 1534

| Sample ID | Date | Time | Matrix | Pres. | VOCs (8260) | Cd, Cr, Cu (6010) | Cr VI (7199) | pH (150.1) | Number of Containers |
|---|---|---|---|---|---|---|---|---|---|
| PTI-TB02-078 | 7/30/08 | 0730 | $H_2O$ | HCl | X | | | | |
| PTI-MW03-078 | | 0805 | $H_2O$ | VAR | X | X | X | X | |
| PTI-MW11-078 | | 0900 | | | X | X | X | X | |
| PTI-MW16-078 | | 0950 | | | X | X | X | X | |
| PTI-MW01S-078 | | 1045 | | | X | X | X | X | |
| PTI-EB02-078 | | 1105 | | | X | X | X | X | |
| PTI-MW01D-078 | | 1145 | | | X | X | X | X | |
| PTI-MW15D-078 | | 1345 | | | X | X | X | X | |
| PTI-MW15S-078 | | 1435 | | | X | X | X | X | |
| PTI-MW14S-078 | ✓ | 1555 | | | X | X | X | X | |

AP 1825 7/30/08

**PROJECT INFORMATION**

Project Name: PTI
Project Number: 06-441-C
Contact Person: REBECCA FRYMER
E-mail: RFRYMER@IRISENV.COM
Contact Telephone: SID 834-4747 x20
Report: Routine (Level 2) Level 3 Level 4 EDD
TAT: 10-day 5-day 72-hr 48-hr 24-hr Other:

**Special Instructions/Comments:**

Field filtered for metals

| RELINQUISHED BY: | RECEIVED BY: |
|---|---|
| Printed Name: R. FRYMER | Printed Name: Emilio Aceves |
| Signature: | Signature: TAI |
| Company: IRIS | Company: TAI |
| Time/Date: 7/30/08 1605 | Time/Date: 7/30/08 1605 |
| **RELINQUISHED BY:** | **RECEIVED BY:** |
| Printed Name: Emilio Aceves | Printed Name: Truong Nguyen |
| Signature: TAI | Signature: |
| Company: TAI | Company: TAI |
| Time/Date: 7/30/08 1710 | Time/Date: 7/30/08 1710 |

IR62626

**IRIS ENVIRONMENTAL**
1438 Webster Street, Suite 302
Oakland, California 94612
(510) 834-4747 tel
(510) 834-4199 fax

# CHAIN-OF-CUSTODY

Date: 7/31/08 Page: of № 2340

Sampler Name(s): Becky Frymer
Signature(s): [signature]

Analyses Required

| Sample ID | Date | Time | Matrix | Pres. | VOCs (8260) | Cd, Cr, Cu (6010) | Cr VI (7199) | pH (150.1) | Number of Containers |
|---|---|---|---|---|---|---|---|---|---|
| PTI-MW07-078 | 7/31/08 | 8:10 | $H_2O$ | VAR | X | X | X | X | |
| PTI-TB03-078 | ↓ | 8:30 | $H_2O$ | HCl | X | | | | |
| PTI-MW06B-078 | ↓ | 9:00 | ↓ | VAR | X | X | X | X | |
| PTI-EB03-078 | ↓ | 9:15 | ↓ | ↓ | X | X | X | X | |
| PTI-MW06D-078 | ↓ | 9:55 | ↓ | ↓ | X | X | X | X | |
| PTI-FB01-078 | ↓ | 10:35 | ↓ | ↓ | X | X | X | X | |
| PTI-MW04A-078 | ↓ | 11:15 | ↓ | ↓ | X | X | X | X | |
| PTI-MW04-078 | ↓ | | ↓ | ↓ | X | X | X | X | |
| PTI-MW34-078 | ↓ | | ↓ | ↓ | X | X | X | X | |

AR 1800 7/31/08

**PROJECT INFORMATION**

Project Name: REBECCA FRYMER
Project Number: 06-441-C
Contact Person: PTI
E-mail: RFRYMER@IRISENV.COM
Contact Telephone: 510 834 4747 x20
Report: Routine (Level 2) Level 3 Level 4 EDD
TAT: 10-day 5-day 72-hr 48-hr 24-hr Other:

**Special Instructions/Comments:**

Field filtered for metals

| RELINQUISHED BY: | RECEIVED BY: |
|---|---|
| Printed Name: R. FRYMER | Printed Name: [signature] |
| Signature: [signature] | Signature: Emilio Aceves |
| Company: IRIS | Company: TAI |
| Time/Date: 7/31/08 1410 | Time/Date: 7/31/08 1410 |

| RELINQUISHED BY: | RECEIVED BY: |
|---|---|
| Printed Name: Emilio Aceves | Printed Name: Vu Bank |
| Signature: [signature] | Signature: Vu Bank |
| Company: TAI | Company: TA/Irv. |
| Time/Date: 7/31/08 1535 | Time/Date: 7/31/08 1535 3.7/38 |

#028 #028

# Appendix B
# General Analytical Detection Limits

## Table B-1
## Phibro-Tech, Inc.
## Metals Typical Detection Limits

| Analytical Method | Analytical Parameter | Reporting Limit | Units |
|---|---|---|---|
| EPA 6010B-Diss | CADMIUM | 0.005 | mg/l |
| EPA 6010B-Diss | CHROMIUM | 0.005 | mg/l |
| EPA 7199 | CHROMIUM (VI) | 0.001 | mg/l |
| EPA 6010B-Diss | COPPER | 0.01 | mg/l |

**Table B-2**
**Phibro-Tech, Inc.**
**Volatile Organic Compounds**
**Typical Detection Limits**

| Analytical Method | Analytical Parameter | Reporting Limit | Units |
|---|---|---|---|
| EPA 8260B | 1,1,1,2-TETRACHLOROETHANE | 1 | ug/l |
| EPA 8260B | 1,1,1-TRICHLOROETHANE | 1 | ug/l |
| EPA 8260B | 1,1,2,2-TETRACHLOROETHANE | 1 | ug/l |
| EPA 8260B | 1,1,2-TRICHLOROETHANE | 1 | ug/l |
| EPA 8260B | 1,1-DICHLOROETHANE | 1 | ug/l |
| EPA 8260B | 1,1-DICHLOROETHENE | 1 | ug/l |
| EPA 8260B | 1,1-DICHLOROPROPENE | 1 | ug/l |
| EPA 8260B | 1,2,3-TRICHLOROBENZENE | 1 | ug/l |
| EPA 8260B | 1,2,3-TRICHLOROPROPANE | 1 | ug/l |
| EPA 8260B | 1,2,4-TRICHLOROBENZENE | 1 | ug/l |
| EPA 8260B | 1,2,4-TRIMETHYLBENZENE | 1 | ug/l |
| EPA 8260B | 1,2-DIBROMO-3-CHLOROPROPANE | 5 | ug/l |
| EPA 8260B | 1,2-DIBROMOETHANE | 1 | ug/l |
| EPA 8260B | 1,2-DICHLOROBENZENE | 1 | ug/l |
| EPA 8260B | 1,2-DICHLOROETHANE | 0.5 | ug/l |
| EPA 8260B | 1,2-DICHLOROPROPANE | 1 | ug/l |
| EPA 8260B | 1,3,5-TRIMETHYLBENZENE | 1 | ug/l |
| EPA 8260B | 1,3-DICHLOROBENZENE | 1 | ug/l |
| EPA 8260B | 1,3-DICHLOROPROPANE | 1 | ug/l |
| EPA 8260B | 1,4-DICHLOROBENZENE | 1 | ug/l |
| EPA 8260B | 2,2-DICHLOROPROPANE | 1 | ug/l |
| EPA 8260B | 2-CHLOROTOLUENE | 1 | ug/l |
| EPA 8260B | 4-CHLOROTOLUENE | 1 | ug/l |
| EPA 8260B | BENZENE | 0.5 | ug/l |
| EPA 8260B | BROMOBENZENE | 1 | ug/l |
| EPA 8260B | BROMOCHLOROMETHANE | 1 | ug/l |
| EPA 8260B | BROMODICHLOROMETHANE | 1 | ug/l |
| EPA 8260B | BROMOFORM | 1 | ug/l |
| EPA 8260B | BROMOMETHANE | 1 | ug/l |
| EPA 8260B | CARBON TETRACHLORIDE | 0.5 | ug/l |
| EPA 8260B | CHLOROBENZENE | 1 | ug/l |
| EPA 8260B | CHLORODIBROMOMETHANE | 1 | ug/l |
| EPA 8260B | CHLOROETHANE | 1 | ug/l |
| EPA 8260B | CHLOROFORM | 1 | ug/l |
| EPA 8260B | CHLOROMETHANE | 1 | ug/l |
| EPA 8260B | CIS-1,2-DICHLOROETHENE | 1 | ug/l |
| EPA 8260B | CIS-1,3-DICHLOROPROPENE | 0.5 | ug/l |
| EPA 8260B | DIBROMOMETHANE | 1 | ug/l |
| EPA 8260B | DICHLORODIFLUOROMETHANE | 5 | ug/l |

**Table B-2**
**Phibro-Tech, Inc.**
**Volatile Organic Compounds**
**Typical Detection Limits**

| Analytical Method | Analytical Parameter | Reporting Limit | Units |
|---|---|---|---|
| EPA 8260B | ETHYLBENZENE | 1 | ug/l |
| EPA 8260B | HEXACHLOROBUTADIENE | 1 | ug/l |
| EPA 8260B | ISOPROPYLBENZENE | 1 | ug/l |
| EPA 8260B | M,P-XYLENE | 1 | ug/l |
| EPA 8260B | METHYLENE CHLORIDE | 5 | ug/l |
| EPA 8260B | NAPHTHALENE | 1 | ug/l |
| EPA 8260B | N-BUTYLBENZENE | 1 | ug/l |
| EPA 8260B | N-PROPYLBENZENE | 1 | ug/l |
| EPA 8260B | O-XYLENE | 1 | ug/l |
| EPA 8260B | P-ISOPROPYLTOLUENE | 1 | ug/l |
| EPA 8260B | SEC-BUTYLBENZENE | 1 | ug/l |
| EPA 8260B | STYRENE | 1 | ug/l |
| EPA 8260B | TERT-BUTYLBENZENE | 1 | ug/l |
| EPA 8260B | TETRACHLOROETHENE | 1 | ug/l |
| EPA 8260B | TOLUENE | 1 | ug/l |
| EPA 8260B | TOTAL XYLENES | 1 | ug/l |
| EPA 8260B | TRANS-1,2-DICHLOROETHENE | 1 | ug/l |
| EPA 8260B | TRANS-1,3-DICHLOROPROPENE | 0.5 | ug/l |
| EPA 8260B | TRICHLOROETHENE | 1 | ug/l |
| EPA 8260B | TRICHLOROFLUOROMETHANE | 1 | ug/l |
| EPA 8260B | VINYL CHLORIDE | 0.5 | ug/l |

# Appendix C
# Historical Sampling Results

# Table C-1
# Phibrotech, Inc.
# Groundwater Elevations

| Well ID | Perforated Intervals (feet bgs) | Well Headspace* (ppm) | Total Depth Constructed (feet bgs) | Total Depth Measured (feet below MP) | MP Elevation (feet MSL) | Date | Depth to Water (feet below MP) | Calculated Casing Fill (feet) | Groundwater Elevation (feet MSL) |
|---|---|---|---|---|---|---|---|---|---|
| MW-01D | 79.5-94.5 | 0.0 / 0.0 | 98.0 | 96.2 | 152.60 | 10/15/1990 | 52.80 | 1.8 | 99.80 |
| | | 0.0 / 0.0 | 98.0 | 96.2 | 152.60 | 1/7/1991 | 53.40 | 1.8 | 99.20 |
| | | 0.0 / 0.0 | 98.0 | 95.6 | 152.60 | 4/8/1991 | 50.56 | 2.4 | 102.04 |
| | | 1.3 / 0.0 | 94.8 | 96.0 | 152.60 | 7/8/1991 | 49.68 | -- | 102.92 |
| | | 9.1 / 0.0 | 94.8 | 96.1 | 152.60 | 10/21/1991 | 50.14 | -- | 102.46 |
| | | 1.3 / 0.0 | 94.8 | 96.1 | 152.60 | 1/13/1992 | 47.92 | -- | 104.68 |
| | | 250.0 / 0.0 | 94.8 | 96.0 | 152.60 | 3/30/1992 | 45.28 | -- | 107.32 |
| | | 0.0 / 0.0 | 94.8 | 96.1 | 152.60 | 7/13/1992 | 44.70 | -- | 107.90 |
| | | 25.0 / 0.0 | 94.8 | 94.9 | 152.60 | 10/13/1992 | 47.09 | -- | 105.51 |
| | | 0.0 / 0.0 | 94.8 | 95.7 | 152.60 | 1/19/1993 | 43.40 | -- | 109.20 |
| | | 0.0 / 0.0 | 94.8 | 96.4 | 152.60 | 4/19/1993 | 36.61 | -- | 115.99 |
| | | 0.0 / 0.0 | 94.8 | 96.1 | 152.60 | 7/12/1993 | 36.02 | -- | 116.58 |
| | | 0.0 / 0.0 | 94.8 | 96.2 | 152.60 | 10/12/1993 | 36.04 | -- | 116.56 |
| | | 0.0 / 0.0 | 94.8 | 96.2 | 152.60 | 1/10/1994 | 35.95 | -- | 116.65 |
| | | 0.0 / 0.0 | 94.8 | 96.2 | 152.60 | 4/11/1994 | 35.21 | -- | 117.39 |
| | | 27.0 / 21.0 | 94.8 | 96.0 | 152.60 | 7/18/1994 | 34.77 | -- | 117.83 |
| | | 4.9 / 4.0 | 94.8 | 95.9 | 152.60 | 10/10/1994 | 40.35 | -- | 112.25 |
| | | 1.8 / 0.0 | 94.8 | 95.9 | 152.60 | 1/16/1995 | 39.02 | -- | 113.58 |
| | | 0.0 / 0.0 | 94.8 | 96.1 | 152.60 | 4/17/1995 | 33.83 | -- | 118.77 |
| | | 23.0 / 0.0 | 94.8 | 95.9 | 152.60 | 7/10/1995 | 32.52 | -- | 120.08 |
| | | 0.0 / 0.0 | 94.8 | 96.0 | 152.60 | 10/9/1995 | 36.07 | -- | 116.53 |
| | | 0.0 / 0.0 | 94.8 | 96.2 | 152.60 | 1/29/1996 | 37.73 | -- | 114.87 |
| | | 0.0 / 0.0 | 94.8 | 96.2 | 152.60 | 4/15/1996 | 34.56 | -- | 118.04 |
| | | 0.0 / 0.0 | 94.8 | 96.2 | 152.60 | 7/15/1996 | 35.16 | -- | 117.44 |
| | | 1.0 / 1.0 | 94.8 | 96.3 | 152.60 | 10/7/1996 | 38.72 | -- | 113.88 |
| | | 0.0 / 0.0 | 94.8 | 96.3 | 152.60 | 1/13/1997 | 36.86 | -- | 115.74 |
| | | 2.0 / 1.5 | 94.8 | 96.3 | 152.60 | 4/15/1997 | 34.37 | -- | 118.23 |
| | | 0.0 / 0.0 | 94.8 | 96.0 | 152.60 | 7/8/1997 | 34.37 | -- | 118.23 |
| | | 1.0 / 0.0 | 94.8 | 96.0 | 152.60 | 10/14/1997 | 37.75 | -- | 114.85 |
| | | 0.0 / 0.0 | 94.8 | 96.0 | 152.60 | 1/13/1998 | 39.31 | -- | 113.29 |
| | | 105.0 / 0.0 | 94.8 | 95.9 | 152.60 | 4/21/1998 | 34.43 | -- | 118.17 |
| | | 0.0 / 0.0 | 94.8 | 95.9 | 152.60 | 7/14/1998 | 33.40 | -- | 119.20 |
| | | 0.0 / 0.0 | 94.8 | 96.0 | 152.60 | 10/19/1998 | 35.95 | -- | 116.65 |
| | | 7.1 / 0.4 | 94.8 | 96.0 | 152.60 | 1/19/1999 | 38.60 | -- | 114.00 |
| | | 1.1 / 0.0 | 94.8 | 95.9 | 152.60 | 4/20/1999 | 38.59 | -- | 114.01 |
| | | 1.2 / 0.0 | 94.8 | 95.9 | 152.60 | 7/20/1999 | 38.93 | -- | 113.67 |
| | | 0.0 / 0.0 | 94.8 | 95.7 | 152.60 | 10/22/1999 | 46.05 | -- | 106.55 |
| | | 2.0 / 0.0 | 94.8 | 94.8 | 152.60 | 1/25/2000 | 49.84 | 0.0 | 102.76 |
| | | 0.0 / 0.0 | 94.8 | 96.3 | 152.60 | 4/24/2000 | 43.76 | -- | 108.84 |
| | | 0.0 / 0.0 | 94.8 | 95.7 | 152.60 | 10/17/2000 | 43.61 | -- | 108.99 |
| | | 0.0 / 0.0 | 94.8 | 95.7 | 152.60 | 10/25/2000 | 43.61 | -- | 108.99 |
| | | 0.0 / 0.0 | 94.8 | 94.8 | 152.60 | 4/17/2001 | 41.28 | 0.0 | 111.32 |
| | | 0.0 / 0.0 | 94.8 | 94.8 | 152.60 | 7/17/2001 | 40.99 | 0.0 | 111.61 |
| | | 0.0 / 0.0 | 94.8 | 96.0 | 152.60 | 10/16/2001 | 45.21 | -- | 107.39 |
| | | -- / -- | 94.8 | 95.7 | 152.60 | 1/15/2002 | 43.69 | -- | 108.91 |
| | | 0.0 / 0.0 | 94.8 | 95.7 | 152.60 | 4/16/2002 | 43.57 | -- | 109.03 |
| | | 0.3 / 0.0 | 94.8 | 96.0 | 152.60 | 7/24/2002 | 47.76 | -- | 104.84 |
| | | 43.9 / 0.0 | 94.8 | 96.0 | 152.60 | 10/22/2002 | 51.07 | -- | 101.53 |
| | | 0.1 / 0.1 | 94.8 | 96.0 | 152.60 | 1/24/2003 | 49.09 | -- | 103.51 |
| | | 1.0 / 0.1 | 94.8 | 95.90 | 152.60 | 4/23/2003 | 45.37 | -- | 107.23 |
| | | 0.0 / 0.0 | 94.8 | 96.00 | 152.60 | 7/29/2003 | 48.50 | -- | 104.10 |
| | | 1.9 / 0.0 | 94.8 | 95.90 | 152.60 | 10/21/2003 | 54.15 | -- | 98.45 |
| | | 0.0 / 0.0 | 94.8 | 95.92 | 152.60 | 1/21/2004 | 55.61 | -- | 96.99 |
| | | 0.2 / 0.2 | 94.8 | 95.92 | 152.60 | 4/20/2004 | 54.88 | -- | 97.72 |
| | | 0.4 / 0.4 | 94.8 | 95.68 | 152.60 | 7/20/2004 | 57.65 | -- | 94.95 |
| | | 0.2 / 0.0 | 94.8 | 95.69 | 152.60 | 10/11/2004 | 61.34 | -- | 91.26 |
| | | -- / -- | 94.8 | 95.51 | 152.36 | 1/26/2005 | 58.26 | -- | 94.10 |
| | | 2.0 / 0.0 | 94.8 | 95.35 | 152.36 | 4/26/2005 | 48.90 | -- | 103.46 |
| | | 1.5 / 0.0 | 94.8 | 95.55 | 152.36 | 7/26/2005 | 46.33 | -- | 106.03 |
| | | 0.0 / 0.0 | 94.8 | 95.15 | 152.36 | 10/18/2005 | 47.21 | -- | 105.15 |
| | | 0.0 / 0.2 | 94.8 | 95.48 | 152.36 | 1/25/2006 | 48.40 | -- | 103.96 |
| | | 1.6 / 0.0 | 94.8 | 95.45 | 152.36 | 4/25/2006 | 45.45 | -- | 106.91 |
| | | 1.7 / 0.0 | 94.8 | 95.47 | 152.36 | 7/25/2006 | 45.22 | -- | 107.14 |
| | | 0.0 / 0.0 | 94.8 | 95.45 | 152.36 | 10/24/2006 | 47.32 | -- | 105.04 |
| | | 0.0 / 0.0 | 94.8 | 95.43 | 152.36 | 1/17/2007 | 47.10 | -- | 105.26 |
| | | 1.7 / 0.0 | 94.8 | 95.48 | 152.36 | 4/17/2007 | 46.00 | -- | 106.36 |
| | | 0.0 / 0.0 | 94.8 | 95.53 | 152.36 | 7/24/2007 | 47.20 | -- | 105.16 |

**Table C-1**
**Phibrotech, Inc.**
**Groundwater Elevations**

| Well ID | Perforated Intervals (feet bgs) | Well Headspace* (ppm) | Total Depth Constructed (feet bgs) | Total Depth Measured (feet below MP) | MP Elevation (feet MSL) | Date | Depth to Water (feet below MP) | Calculated Casing Fill (feet) | Groundwater Elevation (feet MSL) |
|---|---|---|---|---|---|---|---|---|---|
| MW-01D | 79.5-94.5 | 97.3 / 4.1 | 94.8 | 95.44 | 152.36 | 10/23/2007 | 53.10 | -- | 99.26 |
| | | 0.0 / 0.0 | 94.8 | 95.37 | 152.36 | 1/29/2008 | 55.09 | -- | 97.27 |
| | | 1.0 / 0.8 | 94.8 | 95.46 | 152.36 | 4/22/2008 | 52.26 | -- | 100.10 |
| | | 0.0 / 0.2 | 94.8 | 95.40 | 152.36 | 7/28/2008 | 56.42 | -- | 95.94 |
| MW-01S | 47-62.5 | 2.0 / 0.0 | 62.5 | 61.7 | 152.60 | 1/15/1989 | 55.86 | 0.8 | 96.74 |
| | | -- / -- | 62.5 | -- | 152.60 | 4/15/1989 | 52.15 | -- | 100.45 |
| | | 0.0 / 0.0 | 62.5 | 61.5 | 152.60 | 7/17/1989 | 53.60 | 1.0 | 99.00 |
| | | 0.0 / 0.0 | 62.5 | 62.4 | 152.60 | 10/23/1989 | 55.84 | 0.1 | 96.76 |
| | | 7.0 / 0.0 | 62.5 | 62.4 | 152.60 | 1/22/1990 | 55.00 | 0.1 | 97.60 |
| | | 0.0 / 0.0 | 62.5 | 62.4 | 152.60 | 4/9/1990 | 53.30 | 0.1 | 99.30 |
| | | 0.0 / 0.0 | 62.5 | 62.4 | 152.60 | 7/10/1990 | 51.77 | 0.1 | 100.83 |
| | | 0.0 / 0.0 | 62.5 | 61.9 | 152.63 | 10/15/1990 | 52.82 | 0.6 | 99.81 |
| | | 14.0 / 0.0 | 62.5 | 62.0 | 152.63 | 1/7/1991 | 53.44 | 0.5 | 99.19 |
| | | 0.0 / 0.0 | 62.5 | 62.9 | 152.63 | 4/8/1991 | 50.68 | -- | 101.95 |
| | | 1.7 / 0.0 | 62.5 | 62.3 | 152.63 | 7/8/1991 | 49.69 | 0.2 | 102.94 |
| | | 1.4 / 0.0 | 62.5 | 62.0 | 152.63 | 10/21/1991 | 50.30 | 0.5 | 102.33 |
| | | 1.3 / 0.0 | 62.5 | 62.0 | 152.63 | 1/13/1992 | 48.03 | 0.5 | 104.60 |
| | | 11.2 / 0.0 | 62.5 | 62.0 | 152.63 | 3/30/1992 | 45.35 | 0.5 | 107.28 |
| | | 0.0 / 0.0 | 62.5 | 62.2 | 152.63 | 7/13/1992 | 44.76 | 0.3 | 107.87 |
| | | 25.0 / 0.0 | 62.5 | 62.0 | 152.63 | 10/13/1992 | 47.10 | 0.5 | 105.53 |
| | | 0.2 / 0.0 | 62.5 | 61.5 | 152.63 | 1/19/1993 | 43.51 | 1.0 | 109.12 |
| | | 0.0 / 0.0 | 62.5 | 62.2 | 152.63 | 4/19/1993 | 36.62 | 0.3 | 116.01 |
| | | 0.0 / 0.0 | 62.5 | 62.0 | 152.63 | 7/12/1993 | 36.01 | 0.5 | 116.62 |
| | | 0.0 / 0.0 | 62.5 | 62.2 | 152.63 | 10/12/1993 | 36.13 | 0.3 | 116.50 |
| | | 0.0 / 0.0 | 62.5 | 62.2 | 152.63 | 1/10/1994 | 36.03 | 0.3 | 116.60 |
| | | 0.7 / 0.0 | 62.5 | 62.2 | 152.63 | 4/11/1994 | 35.53 | 0.3 | 117.10 |
| | | 7.8 / 3.0 | 62.5 | 62.0 | 152.63 | 7/18/1994 | 34.83 | 0.5 | 117.80 |
| | | 13.0 / 4.3 | 62.5 | 62.0 | 152.63 | 10/10/1994 | 40.40 | 0.5 | 112.23 |
| | | 0.1 / 0.1 | 62.5 | 62.0 | 152.63 | 1/16/1995 | 39.04 | 0.5 | 113.59 |
| | | 0.0 / 0.0 | 62.5 | 62.2 | 152.63 | 4/17/1995 | 33.85 | 0.3 | 118.78 |
| | | 18.0 / 0.0 | 62.5 | 62.0 | 152.63 | 7/10/1995 | 32.57 | 0.5 | 120.06 |
| | | 1.2 / 0.5 | 62.5 | 62.1 | 152.63 | 10/9/1995 | 36.15 | 0.4 | 116.48 |
| | | 0.0 / 0.0 | 62.5 | 62.4 | 152.63 | 1/29/1996 | 37.79 | 0.1 | 114.84 |
| | | 0.0 / 0.0 | 62.5 | 62.4 | 152.63 | 4/15/1996 | 34.60 | 0.1 | 118.03 |
| | | 1.2 / 0.8 | 62.5 | 62.3 | 152.63 | 7/15/1996 | 35.21 | 0.2 | 117.42 |
| | | 1.0 / 1.0 | 62.5 | 62.4 | 152.63 | 10/7/1996 | 38.78 | 0.1 | 113.85 |
| | | 1.0 / 1.0 | 62.5 | 62.4 | 152.63 | 1/13/1997 | 36.90 | 0.1 | 115.73 |
| | | 0.4 / 0.4 | 62.5 | 62.4 | 152.63 | 4/15/1997 | 34.42 | 0.1 | 118.21 |
| | | 2.0 / 0.0 | 62.5 | 62.4 | 152.63 | 7/8/1997 | 34.45 | 0.1 | 118.18 |
| | | 2.2 / 0.0 | 62.5 | 62.7 | 152.63 | 10/14/1997 | 37.81 | -- | 114.82 |
| | | 5.8 / 0.0 | 62.5 | 62.6 | 152.63 | 1/13/1998 | 39.40 | -- | 113.23 |
| | | 109.0 / 0.0 | 62.5 | 62.6 | 152.63 | 4/21/1998 | 34.47 | -- | 118.16 |
| | | 0.1 / 0.0 | 62.5 | 62.5 | 152.63 | 7/14/1998 | 33.51 | -- | 119.12 |
| | | 0.0 / 0.0 | 62.5 | 62.7 | 152.63 | 10/19/1998 | 36.06 | -- | 116.57 |
| | | 10.8 / 1.5 | 62.5 | 62.6 | 152.63 | 1/19/1999 | 38.69 | -- | 113.94 |
| | | 1.1 / 0.0 | 62.5 | 62.5 | 152.63 | 4/20/1999 | 38.62 | 0.0 | 114.01 |
| | | 2.1 / 0.0 | 62.5 | 62.4 | 152.63 | 7/20/1999 | 39.01 | 0.1 | 113.62 |
| | | 0.0 / 0.0 | 62.5 | 62.1 | 152.63 | 10/22/1999 | 45.93 | 0.4 | 106.70 |
| | | 1.4 / 0.0 | 62.5 | 62.5 | 152.63 | 1/25/2000 | 49.90 | 0.0 | 102.73 |
| | | 12.0 / 0.0 | 62.5 | 62.5 | 152.63 | 4/24/2000 | 43.80 | 0.0 | 108.83 |
| | | 0.0 / 0.0 | 62.5 | 62.0 | 152.63 | 10/17/2000 | 43.54 | 0.5 | 109.09 |
| | | 0.0 / 0.0 | 62.5 | 62.0 | 152.63 | 10/25/2000 | 43.54 | 0.5 | 109.09 |
| | | 0.0 / 0.0 | 62.5 | 62.5 | 152.63 | 4/17/2001 | 41.35 | 0.0 | 111.28 |
| | | 0.0 / 0.0 | 62.5 | 61.4 | 152.63 | 7/17/2001 | 41.05 | 1.2 | 111.58 |
| | | 0.0 / 0.0 | 62.5 | 62.0 | 152.63 | 10/16/2001 | 45.20 | 0.5 | 107.43 |
| | | -- / -- | 62.5 | 62.3 | 152.63 | 1/15/2002 | 43.59 | 0.2 | 109.04 |
| | | 0.0 / 0.0 | 62.5 | 62.1 | 152.63 | 4/16/2002 | 43.62 | 0.4 | 109.01 |
| | | 1.1 / 0.0 | 62.5 | 62.3 | 152.63 | 7/24/2002 | 47.79 | 0.2 | 104.84 |
| | | 53.6 / 0.0 | 62.5 | 62.3 | 152.63 | 10/22/2002 | 51.08 | 0.2 | 101.55 |
| | | 0.1 / 0.1 | 62.5 | 62.3 | 152.63 | 1/24/2003 | 49.10 | 0.2 | 103.53 |
| | | 0.1 / 0.1 | 62.5 | 62.22 | 152.63 | 4/23/2003 | 45.29 | 0.3 | 107.34 |
| | | 0.3 / 0.0 | 62.5 | 62.21 | 152.63 | 7/29/2003 | 48.48 | 0.3 | 104.15 |
| | | 1.0 / 0.0 | 62.5 | 62.24 | 152.63 | 10/21/2003 | 54.03 | 0.3 | 98.60 |
| | | 0.7 / 0.0 | 62.5 | 62.34 | 152.63 | 1/21/2004 | 55.49 | 0.2 | 97.14 |
| | | NM / NM | 62.5 | 62.19 | 152.63 | 4/20/2004 | 54.93 | 0.3 | 97.70 |
| | | 0.4 / 0.4 | 62.5 | 62.08 | 152.63 | 7/20/2004 | 57.57 | 0.4 | 95.06 |
| | | 0.0 / 0.0 | 62.5 | 62.2 | 152.63 | 10/11/2004 | 61.36 | 0.3 | 91.27 |
| | | 0.0 / 0.0 | 62.5 | 61.78 | 152.19 | 1/26/2005 | 58.06 | 0.7 | 94.13 |

# Table C-1
# Phibrotech, Inc.
# Groundwater Elevations

| Well ID | Perforated Intervals (feet bgs) | Well Headspace* (ppm) | Total Depth Constructed (feet bgs) | Total Depth Measured (feet below MP) | MP Elevation (feet MSL) | Date | Depth to Water (feet below MP) | Calculated Casing Fill (feet) | Groundwater Elevation (feet MSL) |
|---|---|---|---|---|---|---|---|---|---|
| MW-01S | 47-62.5 | 0.0 / 0.0 | 62.5 | 61.72 | 152.19 | 4/26/2005 | 48.60 | 0.8 | 103.59 |
| | | 0.0 / 0.0 | 62.5 | 61.75 | 152.19 | 7/26/2005 | 46.40 | 0.8 | 105.79 |
| | | 0.0 / 0.0 | 62.5 | 61.59 | 152.19 | 10/18/2005 | 47.11 | 0.9 | 105.08 |
| | | 0.0 / 0.1 | 62.5 | 61.79 | 152.19 | 1/25/2006 | 48.13 | 0.7 | 104.06 |
| | | 0.0 / 0.8 | 62.5 | 61.4 | 152.19 | 4/25/2006 | 45.23 | 1.1 | 106.96 |
| | | 0.0 / 0.0 | 62.5 | 61.75 | 152.19 | 7/25/2006 | 45.11 | 0.8 | 107.08 |
| | | 0.0 / 0.0 | 62.5 | 61.70 | 152.19 | 10/24/2006 | 47.20 | 0.8 | 104.99 |
| | | 0.0 / 0.0 | 62.5 | 61.70 | 152.19 | 1/17/2007 | 46.85 | 0.8 | 105.34 |
| | | 0.0 / 0.0 | 62.5 | 61.80 | 152.19 | 4/17/2007 | 45.82 | 0.7 | 106.37 |
| | | 0.0 / 0.0 | 62.5 | 61.78 | 152.19 | 7/24/2007 | 47.05 | 0.7 | 105.14 |
| | | 0.0 / 0.0 | 62.5 | 61.70 | 152.19 | 10/23/2007 | 52.98 | 0.8 | 99.21 |
| | | 0.1 / 0.0 | 62.5 | 61.75 | 152.19 | 1/29/2008 | 54.84 | 0.8 | 97.35 |
| | | 0.1 / 0.0 | 62.5 | 61.71 | 152.19 | 4/22/2008 | 52.04 | 0.8 | 100.15 |
| | | 0.3 / 0.2 | 62.5 | 61.70 | 152.19 | 7/28/2008 | 56.27 | 0.8 | 95.92 |
| MW-03 | 45-75 | -- / -- | 75 | 70.4 | 151.62 | 1/15/1989 | 56.6 | 4.6 | 95.02 |
| | | 5.0 / 0.0 | 75 | 68.8 | 151.62 | 4/15/1989 | 52.33 | 6.2 | 99.29 |
| | | 36.0 / 0.0 | 75 | 71.0 | 151.62 | 7/17/1989 | 53.41 | 4.0 | 98.21 |
| | | 60.0 / 0.0 | 75 | 70.5 | 151.62 | 10/23/1989 | 56.87 | 4.5 | 94.75 |
| | | 90.0 / 0.0 | 75 | 71.7 | 151.62 | 1/22/1990 | 55.77 | 3.3 | 95.85 |
| | | 53.0 / 0.0 | 75 | 71.4 | 151.62 | 4/9/1990 | 53.90 | 3.6 | 97.72 |
| | | 15.0 / 0.0 | 75 | 71.7 | 151.62 | 7/10/1990 | 52.35 | 3.3 | 99.27 |
| | | 22.0 / 0.0 | 75 | 72.4 | 151.71 | 10/15/1990 | 54.42 | 2.6 | 97.29 |
| | | 49.0 / 0.0 | 75 | 71.3 | 151.71 | 1/7/1991 | 54.02 | 3.7 | 97.69 |
| | | -- / -- | 75 | 70.8 | 151.71 | 4/8/1991 | 51.90 | 4.2 | 99.81 |
| | | 2.1 / 0.0 | 75 | 74.2 | 151.71 | 7/8/1991 | 50.08 | 0.8 | 101.63 |
| | | 11.8 / 0.0 | 75 | 73.4 | 151.71 | 10/21/1991 | 50.72 | 1.6 | 100.99 |
| | | 2.5 / 0.0 | 75 | 72.4 | 151.71 | 1/13/1992 | 48.27 | 2.6 | 103.44 |
| | | 3.5 / 0.0 | 75 | 72.2 | 151.71 | 3/30/1992 | 45.67 | 2.8 | 106.04 |
| | | 1.6 / 0.0 | 75 | 71.9 | 151.71 | 7/13/1992 | 45.10 | 3.1 | 106.61 |
| | | 10.2 / 0.0 | 75 | 71.9 | 151.71 | 10/13/1992 | 47.78 | 3.1 | 103.93 |
| | | -- / -- | 75 | 71.4 | 151.71 | 1/19/1993 | 44.43 | 3.6 | 107.28 |
| | | 0.0 / 0.0 | 75 | 71.3 | 151.71 | 4/19/1993 | 36.54 | 3.7 | 115.17 |
| | | 0.0 / 0.0 | 75 | 71.0 | 151.71 | 7/12/1993 | 35.99 | 4.0 | 115.72 |
| | | 0.5 / 0.0 | 75 | 71.2 | 151.71 | 10/12/1993 | 36.04 | 3.8 | 115.67 |
| | | 4.0 / 0.0 | 75 | 71.2 | 151.71 | 1/10/1994 | 36.12 | 3.8 | 115.59 |
| | | 5.0 / 0.0 | 75 | 71.3 | 151.71 | 4/11/1994 | 35.38 | 3.7 | 116.33 |
| | | 0.0 / 0.0 | 75 | 70.8 | 151.71 | 7/18/1994 | 34.80 | 4.2 | 116.91 |
| | | 13.0 / 4.3 | 75 | 70.7 | 151.71 | 10/10/1994 | 40.86 | 4.3 | 110.85 |
| | | 11.0 / 1.2 | 75 | 70.6 | 151.71 | 1/16/1995 | 39.88 | 4.4 | 111.83 |
| | | 1.0 / 0.0 | 75 | 70.8 | 151.71 | 4/17/1995 | 33.88 | 4.2 | 117.83 |
| | | 0.0 / 0.0 | 75 | 70.5 | 151.71 | 7/10/1995 | 32.51 | 4.5 | 119.20 |
| | | 2.2 / 0.0 | 75 | 70.6 | 151.71 | 10/9/1995 | 36.26 | 4.4 | 115.45 |
| | | 0.0 / 0.0 | 74.1 | 74.1 | 151.71 | 1/29/1996 | 38.30 | 0.0 | 113.41 |
| | | 7.2 / 0.0 | 74.1 | 73.8 | 151.71 | 4/15/1996 | 34.98 | 0.3 | 116.73 |
| | | 0.4 / 0.2 | 74.1 | 73.8 | 151.71 | 7/15/1996 | 35.38 | 0.3 | 116.33 |
| | | 1.8 / 1.2 | 74.1 | 73.8 | 151.71 | 10/7/1996 | 39.26 | 0.3 | 112.45 |
| | | 5.1 / 1.7 | 74.1 | 73.8 | 151.71 | 1/13/1997 | 37.52 | 0.3 | 114.19 |
| | | 2.4 / 0.9 | 74.1 | 73.8 | 151.71 | 4/15/1997 | 34.58 | 0.3 | 117.13 |
| | | -- / -- | 74.1 | 73.8 | 151.71 | 7/8/1997 | 34.53 | 0.3 | 117.18 |
| | | 2.4 / 0.0 | 74.1 | 73.5 | 151.71 | 10/14/1997 | 38.11 | 0.6 | 113.60 |
| | | 8.7 / 0.0 | 74.1 | 73.3 | 151.71 | 1/13/1998 | 40.03 | 0.8 | 111.68 |
| | | 3400.0 / 0.1 | 74.1 | 73.3 | 151.71 | 4/21/1998 | 34.89 | 0.8 | 116.82 |
| | | 13.0 / 0.0 | 74.1 | 73.5 | 154.75 | 7/14/1998 | 36.73 | 0.6 | 118.02 |
| | | > 2,000 / 0.0 | 74.1 | 73.4 | 154.75 | 10/19/1998 | 39.35 | 0.7 | 115.40 |
| | | 69.0 / 3.8 | 74.1 | 73.4 | 154.75 | 1/19/1999 | 42.27 | 0.7 | 112.48 |
| | | 8.1 / 0.0 | 74.1 | 73.4 | 154.75 | 4/20/1999 | 42.26 | 0.7 | 112.49 |
| | | 7.3 / 1.7 | 74.1 | 73.4 | 154.75 | 7/20/1999 | 42.44 | 0.7 | 112.31 |
| | | 3.3 / 0.0 | 74.1 | 73.4 | 154.75 | 10/22/1999 | 50.33 | 0.7 | 104.42 |
| | | 12.0 / 0.0 | 74.1 | 73.4 | 154.75 | 1/25/2000 | 54.25 | 0.7 | 100.50 |
| | | 24.2 / 0.0 | 74.1 | 73.4 | 154.75 | 4/24/2000 | 47.55 | 0.7 | 107.20 |
| | | 21.8 / 0.0 | 74.1 | 73.4 | 154.75 | 10/17/2000 | 47.29 | 0.7 | 107.46 |
| | | 21.8 / 0.0 | 74.1 | 73.4 | 154.75 | 10/25/2000 | 47.29 | 0.7 | 107.46 |
| | | 14.2 / 0.2 | 74.1 | 73.4 | 154.75 | 4/17/2001 | 44.90 | 0.7 | 109.85 |
| | | 14.2 / 0.2 | 74.1 | 73.3 | 154.75 | 7/17/2001 | 44.40 | 0.8 | 110.35 |
| | | 0.0 / 0.0 | 75 | 76.3 | 154.75 | 10/16/2001 | 48.94 | -- | 105.81 |
| | | 0.0 / 0.0 | 75 | 76.0 | 154.75 | 1/15/2002 | 47.61 | -- | 107.14 |
| | | 15.5 / 0.0 | 75 | 73.1 | 154.75 | 4/16/2002 | 47.20 | 1.9 | 107.55 |
| | | 6.1 / 0.1 | 75 | 73.3 | 154.75 | 7/24/2002 | 51.67 | 1.7 | 103.08 |

## Table C-1
## Phibrotech, Inc.
## Groundwater Elevations

| Well ID | Perforated Intervals (feet bgs) | Well Headspace* (ppm) | Total Depth Constructed (feet bgs) | Total Depth Measured (feet below MP) | MP Elevation (feet MSL) | Date | Depth to Water (feet below MP) | Calculated Casing Fill (feet) | Groundwater Elevation (feet MSL) |
|---|---|---|---|---|---|---|---|---|---|
| MW-03 | 45-75 | 19.6 / 0.6 | 75 | 73.3 | 154.75 | 10/22/2002 | 55.20 | 1.7 | 99.55 |
| | | 3.9 / 0.1 | 75 | 73.3 | 154.75 | 1/24/2003 | 53.09 | 1.7 | 101.66 |
| | | 9.7 / 0.0 | 75 | 76.15 | 154.75 | 4/23/2003 | 49.05 | -- | 105.70 |
| | | 6.3 / 0.0 | 75 | 76.10 | 154.75 | 7/29/2003 | 52.31 | -- | 102.44 |
| | | 5.7 / 0.0 | 75 | 76.16 | 154.75 | 10/21/2003 | 58.33 | -- | 96.42 |
| | | 22.0 / 0.0 | 75 | 76.33 | 154.75 | 1/21/2004 | 59.87 | -- | 94.88 |
| | | 12.2 / 0.2 | 75 | 76.15 | 154.75 | 4/20/2004 | 58.90 | -- | 95.85 |
| | | 0.0 / 0.0 | 75 | 76.05 | 154.75 | 7/20/2004 | 62.00 | -- | 92.75 |
| | | 0.0 / 0.0 | 75 | 75.99 | 154.75 | 10/11/2004 | 66.33 | -- | 88.42 |
| | | 0.4 / 0.0 | 75 | 75.58 | 154.36 | 1/26/2005 | 62.41 | -- | 91.95 |
| | | 1.2 / 0.0 | 75 | 75.6 | 154.36 | 4/26/2005 | 52.35 | -- | 102.01 |
| | | 3.1 / 0.0 | 75 | 75.41 | 154.36 | 7/26/2005 | 49.87 | -- | 104.49 |
| | | NR / NR | 75 | 75.22 | 154.36 | 10/18/2005 | 50.86 | -- | 103.5 |
| | | 1.8 / 1.0 | 75 | 75.63 | 154.36 | 1/25/2006 | 52.29 | -- | 102.07 |
| | | 1.6 / 0.0 | 75 | 75.71 | 154.36 | 4/25/2006 | 49.20 | -- | 105.16 |
| | | 0.6 / 0.0 | 75 | 75.04 | 154.36 | 7/25/2006 | 48.80 | -- | 105.56 |
| | | 1.6 / 0.0 | 75 | 75.55 | 154.36 | 10/24/2006 | 51.10 | -- | 103.26 |
| | | 0.0 / 0.0 | 75 | 75.53 | 154.36 | 1/17/2007 | 50.95 | -- | 103.41 |
| | | 9.2 / 0.0 | 75 | 75.67 | 154.36 | 4/17/2007 | 49.52 | -- | 104.84 |
| | | 7.8 / 0.0 | 75 | 75.47 | 154.36 | 7/24/2007 | 50.79 | -- | 103.57 |
| | | 13.5 / 0.0 | 75 | 75.50 | 154.36 | 10/23/2007 | 57.31 | -- | 97.05 |
| | | 1.4 / 0.0 | 75 | 75.48 | 154.36 | 1/29/2008 | 59.57 | -- | 94.79 |
| | | 1.0 / 0.0 | 75 | 75.68 | 154.36 | 4/22/2008 | 56.03 | -- | 98.33 |
| | | 0.3 / 0.0 | 75 | 75.71 | 154.36 | 7/28/2008 | 60.76 | -- | 93.6 |
| MW-04 | 45-75 | -- / -- | 75 | 67.03 | 149.76 | 1/15/1989 | 59.55 | 8.0 | 90.21 |
| | | 0.0 / 0.0 | 75 | -- | 149.76 | 4/25/1989 | 50.57 | -- | 99.19 |
| | | 2.0 / 0.0 | 75 | 71.5 | 149.76 | 7/17/1989 | 51.57 | 3.5 | 98.19 |
| | | 0.0 / 0.0 | 75 | 67.7 | 149.76 | 10/23/1989 | 54.84 | 7.3 | 94.92 |
| | | 0.0 / 0.0 | 75 | 67.7 | 149.76 | 1/22/1990 | 54.02 | 7.3 | 95.74 |
| | | 49.0 / 0.0 | 75 | 68.2 | 149.76 | 4/9/1990 | 52.26 | 6.8 | 97.50 |
| | | 1.0 / 0.0 | 75 | 67.7 | 149.76 | 7/10/1990 | 50.56 | 7.3 | 99.20 |
| | | 2.0 / 0.0 | 75 | 72.4 | 149.90 | 10/15/1990 | 51.57 | 2.6 | 98.33 |
| | | 10.0 / 0.0 | 75 | 67.5 | 149.90 | 1/7/1991 | 52.22 | 7.5 | 97.68 |
| | | 0.0 / 0.0 | 75 | 67.0 | 149.90 | 4/8/1991 | 49.40 | 8.0 | 100.50 |
| | | 0.8 / 0.0 | 75 | 68.6 | 149.90 | 7/8/1991 | 48.43 | 6.4 | 101.47 |
| | | 4.2 / 0.0 | 75 | 69.6 | 149.90 | 10/21/1991 | 48.99 | 5.4 | 100.91 |
| | | 1.3 / 0.0 | 75 | 67.5 | 149.90 | 1/13/1992 | 46.57 | 7.5 | 103.33 |
| | | 0.0 / 0.0 | 75 | 67.5 | 149.90 | 3/30/1992 | 43.96 | 7.5 | 105.94 |
| | | 19.0 / 0.0 | 75 | 67.4 | 149.90 | 7/13/1992 | 43.40 | 7.6 | 106.50 |
| | | 11.5 / 0.0 | 75 | 67.4 | 149.90 | 10/13/1992 | 45.98 | 7.6 | 103.92 |
| | | 2.9 / 0.0 | 75 | 67.6 | 149.90 | 1/19/1993 | 42.77 | 7.4 | 107.13 |
| | | 0.0 / 0.0 | 75 | 67.8 | 149.90 | 4/19/1993 | 34.90 | 7.2 | 115.00 |
| | | 0.0 / 0.0 | 75 | 67.5 | 149.90 | 7/12/1993 | 34.38 | 7.5 | 115.52 |
| | | 0.2 / 0.0 | 75 | 67.6 | 149.90 | 10/12/1993 | 34.14 | 7.4 | 115.76 |
| | | 45.0 / 0.0 | 75 | 67.6 | 149.90 | 1/10/1994 | 34.48 | 7.4 | 115.42 |
| | | 4.0 / 0.7 | 75 | 67.2 | 149.90 | 4/11/1994 | 33.70 | 7.8 | 116.20 |
| | | 0.7 / 0.0 | 75 | 67.5 | 149.90 | 7/18/1994 | 33.14 | 7.5 | 116.76 |
| | | 167.0 / 4.2 | 75 | 67.6 | 149.90 | 10/10/1994 | 39.04 | 7.4 | 110.86 |
| | | 15.0 / 2.0 | 75 | 67.5 | 149.90 | 1/16/1995 | 38.02 | 7.5 | 111.88 |
| | | 3.6 / 0.0 | 75 | 67.6 | 149.90 | 4/17/1995 | 32.21 | 7.4 | 117.69 |
| | | 0.0 / 0.0 | 75 | 67.5 | 149.90 | 7/10/1995 | 30.85 | 7.5 | 119.05 |
| | | 4.4 / 0.0 | 75 | 67.6 | 149.90 | 10/9/1995 | 34.55 | 7.4 | 115.35 |
| | | 15.0 / 0.0 | 75 | 67.5 | 152.37 | 1/29/1996 | 39.00 | 7.5 | 113.37 |
| | | 21.0 / 0.0 | 75 | 67.3 | 152.37 | 4/15/1996 | 35.72 | 7.7 | 116.65 |
| | | 6.0 / 0.0 | 67.5 | 67.3 | 152.37 | 7/15/1996 | 36.20 | 0.2 | 116.17 |
| | | 4.1 / 0.7 | 67.5 | 67.3 | 152.37 | 10/7/1996 | 39.99 | 0.2 | 112.38 |
| | | 11.0 / 3.1 | 67.5 | 67.2 | 152.37 | 1/13/1997 | 38.30 | 0.3 | 114.07 |
| | | 3.5 / 0.6 | 67.5 | 67.2 | 152.37 | 4/15/1997 | 35.41 | 0.3 | 116.96 |
| | | -- / -- | 67.5 | 67.1 | 152.37 | 7/8/1997 | 35.33 | 0.4 | 117.04 |
| | | 20.0 / 0.0 | 67.5 | 70.3 | 152.37 | 10/14/1997 | 38.91 | -- | 113.46 |
| | | 48.0 / 0.0 | 67.5 | 70.2 | 152.37 | 1/13/1998 | 40.71 | -- | 111.66 |
| | | 261.0 / 0.1 | 67.5 | 67.7 | 152.37 | 4/21/1998 | 35.68 | -- | 116.69 |
| | | 0.9 / 0.0 | 67.5 | 67.8 | 152.37 | 7/14/1998 | 34.42 | -- | 117.95 |
| | | 8.0 / 0.0 | 67.5 | 67.6 | 152.37 | 10/19/1998 | 37.06 | -- | 115.31 |
| | | 79.5 / 2.0 | 67.5 | 67.7 | 152.37 | 1/19/1999 | 39.96 | -- | 112.41 |
| | | 17.5 / 0.0 | 67.5 | 67.8 | 152.37 | 4/20/1999 | 39.94 | -- | 112.43 |
| | | 16.8 / 1.4 | 67.5 | 67.3 | 152.37 | 7/20/1999 | 40.04 | 0.2 | 112.33 |
| | | 0.0 / 0.0 | 67.5 | 67.8 | 152.37 | 10/22/1999 | 47.88 | -- | 104.49 |

# Table C-1
# Phibrotech, Inc.
# Groundwater Elevations

| Well ID | Perforated Intervals (feet bgs) | Well Headspace* (ppm) | Total Depth Constructed (feet bgs) | Total Depth Measured (feet below MP) | MP Elevation (feet MSL) | Date | Depth to Water (feet below MP) | Calculated Casing Fill (feet) | Groundwater Elevation (feet MSL) |
|---|---|---|---|---|---|---|---|---|---|
| MW-04 | 45-75 | 1.0 / 0.0 | 67.5 | 67.5 | 152.37 | 1/25/2000 | 51.71 | 0.0 | 100.66 |
| | | 14.2 / 0.0 | 67.5 | 68.0 | 152.37 | 4/24/2000 | 45.36 | -- | 107.01 |
| | | 27.0 / 0.0 | 67.5 | 67.0 | 152.37 | 10/25/2000 | 44.95 | 0.5 | 107.42 |
| | | 20.1 / 0.0 | 67.5 | 67.0 | 152.37 | 4/17/2001 | 42.61 | 0.5 | 109.76 |
| | | 20.1 / 0.0 | 67.5 | 67.3 | 152.37 | 7/17/2001 | 42.09 | 0.2 | 110.28 |
| | | 0.0 / 0.0 | 67.5 | 70.4 | 152.37 | 10/16/2001 | 46.68 | -- | 105.69 |
| | | 2.3 / 0.0 | 67.5 | 70.3 | 152.37 | 1/15/2002 | 45.35 | -- | 107.02 |
| | | 16.4 / 0.0 | 67.5 | 67.6 | 152.37 | 4/16/2002 | 44.88 | -- | 107.49 |
| | | 0.8 / 0.0 | 67.5 | 70.5 | 152.37 | 7/24/2002 | 49.27 | -- | 103.10 |
| | | 3.8 / 0.1 | 67.5 | 70.5 | 152.37 | 10/22/2002 | 52.75 | -- | 99.62 |
| | | 0.1 / 0.1 | 67.5 | 70.5 | 152.37 | 1/24/2003 | 50.81 | -- | 101.56 |
| | | 1.1 / 0.0 | 67.5 | 70.33 | 152.37 | 4/23/2003 | 46.77 | -- | 105.60 |
| | | 6.4 / 0.1 | 67.5 | 70.38 | 152.37 | 7/29/2003 | 49.77 | -- | 102.60 |
| | | 1.0 / 0.0 | 67.5 | 70.30 | 152.37 | 10/21/2003 | 55.72 | -- | 96.65 |
| | | 2.2 / 0.0 | 67.5 | 70.14 | 152.37 | 1/21/2004 | 57.31 | -- | 95.06 |
| | | 1.4 / 1.0 | 67.5 | 70.31 | 152.37 | 4/20/2004 | 56.54 | -- | 95.83 |
| | | 0.0 / 0.0 | 67.5 | 70.2 | 152.37 | 7/20/2004 | 59.50 | -- | 92.87 |
| | | 0.0 / 0.0 | 67.5 | 70.04 | 152.37 | 10/11/2004 | 63.60 | -- | 88.77 |
| | | 23.9 / 20.0 | 67.5 | 69.86 | 152.11 | 1/26/2005 | 60.20 | -- | 91.91 |
| | | 5.8 / 0.0 | 67.5 | 69.99 | 152.11 | 4/26/2005 | 50.25 | -- | 101.86 |
| | | 6.0 / 0.0 | 67.5 | 69.9 | 152.11 | 7/26/2005 | 47.65 | -- | 104.46 |
| | | 7.3 / 0.0 | 67.5 | 69.71 | 152.11 | 10/18/2005 | 48.82 | -- | 103.29 |
| | | 1.2 / 0.8 | 67.5 | 69.89 | 152.11 | 1/25/2006 | 50.05 | -- | 102.06 |
| | | 0.0 / 0.8 | 67.5 | 70.05 | 152.11 | 4/25/2006 | 47.07 | -- | 105.04 |
| | | 4.0 / 0.0 | 67.5 | 69.93 | 152.11 | 7/25/2006 | 46.56 | -- | 105.55 |
| | | 3.0 / 0.0 | 67.5 | 69.92 | 152.11 | 10/24/2006 | 48.76 | -- | 103.35 |
| | | 0.3 / 0.0 | 67.5 | 69.85 | 152.11 | 1/17/2007 | 48.63 | -- | 103.48 |
| | | 1.3 / 0.0 | 67.5 | 69.95 | 152.11 | 4/17/2007 | 47.43 | -- | 104.68 |
| | | 1.1 / 0.0 | 67.5 | 69.85 | 152.11 | 7/24/2007 | 48.43 | -- | 103.68 |
| | | 0.0 / 0.0 | 67.5 | 69.73 | 152.11 | 10/23/2007 | 54.78 | -- | 97.33 |
| | | 0.0 / 0.0 | 67.5 | 65.36 | 152.11 | 1/29/2008 | 56.92 | 2.1 | 95.19 |
| | | 11.0 / 0.0 | 67.5 | 69.65 | 152.11 | 4/22/2008 | 53.56 | -- | 98.55 |
| | | 0.3 / 0.2 | 67.5 | 69.74 | 152.11 | 7/28/2008 | 58.16 | -- | 93.95 |
| MW-04A | 87-107 | 75.0 / 0.0 | 107.0 | 108.37 | 152.49 | 1/15/1989 | 57.36 | -- | 95.13 |
| | | 0.0 / 0.0 | 107.0 | 107.7 | 152.49 | 4/25/1989 | 54.21 | -- | 98.28 |
| | | 0.0 / 0.0 | 107.0 | 107.0 | 152.49 | 7/17/1989 | 54.19 | 0.0 | 98.30 |
| | | 0.0 / 0.0 | 107.0 | 107.5 | 152.49 | 10/23/1989 | 57.41 | -- | 95.08 |
| | | 1.2 / 0.0 | 107.0 | 108.3 | 152.49 | 1/22/1990 | 56.55 | -- | 95.94 |
| | | 8.0 / 0.0 | 107.0 | 108.7 | 152.49 | 4/9/1990 | 54.62 | -- | 97.87 |
| | | 3.0 / 0.0 | 107.0 | 108.7 | 152.49 | 7/10/1990 | 53.06 | -- | 99.43 |
| | | 1.0 / 0.0 | 107.0 | 108.4 | 152.46 | 10/15/1990 | 54.05 | -- | 98.41 |
| | | 6.0 / 0.0 | 107.0 | 108.5 | 152.46 | 1/7/1991 | 54.71 | -- | 97.75 |
| | | 0.0 / 0.0 | 107.0 | 106.0 | 152.46 | 4/8/1991 | 51.90 | 1.0 | 100.56 |
| | | 0.8 / 0.0 | 107.0 | 106.8 | 152.46 | 7/8/1991 | 50.89 | 0.2 | 101.57 |
| | | 4.3 / 0.0 | 107.0 | 106.8 | 152.46 | 10/21/1991 | 51.46 | 0.2 | 101.00 |
| | | 6.1 / 0.0 | 107.0 | 108.4 | 152.46 | 1/13/1992 | 49.70 | -- | 102.76 |
| | | 0.0 / 0.0 | 107.0 | 110.0 | 152.46 | 3/30/1992 | 46.48 | -- | 105.98 |
| | | 0.3 / 0.0 | 107.0 | 111.8 | 152.46 | 7/13/1992 | 45.82 | -- | 106.64 |
| | | 5.1 / 0.0 | 107.0 | 106.8 | 152.46 | 10/13/1992 | 46.78 | 0.2 | 105.68 |
| | | -- / -- | 107.0 | 104.3 | 152.46 | 1/19/1993 | 45.00 | 2.7 | 107.46 |
| | | 0.0 / 0.0 | 107.0 | 108.7 | 152.46 | 4/19/1993 | 37.44 | -- | 115.02 |
| | | 0.0 / 0.0 | 107.0 | 108.5 | 152.46 | 7/12/1993 | 36.88 | -- | 115.58 |
| | | 0.5 / 0.0 | 107.0 | 108.6 | 152.46 | 10/12/1993 | 36.85 | -- | 115.61 |
| | | 0.5 / 0.0 | 107.0 | 108.6 | 152.46 | 1/10/1994 | 36.92 | -- | 115.54 |
| | | 0.2 / 0.2 | 107.0 | 108.2 | 152.46 | 4/11/1994 | 36.15 | -- | 116.31 |
| | | 0.0 / 0.0 | 107.0 | 108.5 | 152.46 | 7/18/1994 | 35.62 | -- | 116.84 |
| | | 4.5 / 0.0 | 107.0 | 108.5 | 152.46 | 10/10/1994 | 41.52 | -- | 110.94 |
| | | 3.6 / 1.2 | 107.0 | 108.5 | 152.46 | 1/16/1995 | 40.50 | -- | 111.96 |
| | | 0.5 / 0.0 | 107.0 | 108.6 | 152.46 | 4/17/1995 | 34.71 | -- | 117.75 |
| | | 0.0 / 0.0 | 107.0 | 108.5 | 152.46 | 7/10/1995 | 33.33 | -- | 119.13 |
| | | 0.0 / 0.0 | 107.0 | 108.5 | 152.46 | 10/9/1995 | 37.05 | -- | 115.41 |
| | | 2.6 / 0.0 | 107.0 | 108.8 | 152.46 | 1/29/1996 | 39.00 | -- | 113.46 |
| | | 0.0 / 0.0 | 107.0 | 108.8 | 152.46 | 4/15/1996 | 35.66 | -- | 116.80 |
| | | 0.0 / 0.0 | 107.0 | 108.8 | 152.46 | 7/15/1996 | 36.17 | -- | 116.29 |
| | | 0.4 / 0.4 | 107.0 | 106.9 | 152.46 | 10/7/1996 | 39.95 | 0.1 | 112.51 |
| | | 1.7 / 1.0 | 107.0 | 106.9 | 152.46 | 1/13/1997 | 38.26 | 0.1 | 114.20 |
| | | 0.4 / 0.4 | 107.0 | 106.9 | 152.46 | 4/15/1997 | 35.39 | 0.1 | 117.07 |
| | | -- / -- | 107.0 | 107.0 | 152.46 | 7/8/1997 | 35.30 | 0.0 | 117.16 |

## Table C-1
## Phibrotech, Inc.
## Groundwater Elevations

| Well ID | Perforated Intervals (feet bgs) | Well Headspace* (ppm) | Total Depth Constructed (feet bgs) | Total Depth Measured (feet below MP) | MP Elevation (feet MSL) | Date | Depth to Water (feet below MP) | Calculated Casing Fill (feet) | Groundwater Elevation (feet MSL) |
|---|---|---|---|---|---|---|---|---|---|
| MW-04A | 87-107 | 0.0 / 0.0 | 107.0 | 108.6 | 152.46 | 10/14/1997 | 38.85 | -- | 113.61 |
| | | 0.0 / 0.0 | 107.0 | 108.4 | 152.46 | 1/13/1998 | 40.66 | -- | 111.80 |
| | | 0.0 / 0.0 | 107.0 | 106.6 | 152.46 | 4/21/1998 | 35.63 | 0.4 | 116.83 |
| | | 0.0 / 0.0 | 107.0 | 105.7 | 152.46 | 7/14/1998 | 34.42 | 1.3 | 118.04 |
| | | 0.0 / 0.0 | 107.0 | 106.8 | 152.46 | 10/19/1998 | 37.03 | 0.2 | 115.43 |
| | | 36.1 / 4.1 | 107.0 | 106.7 | 152.46 | 1/19/1999 | 39.83 | 0.3 | 112.63 |
| | | 0.0 / 0.0 | 107.0 | 106.6 | 152.46 | 4/20/1999 | 39.88 | 0.4 | 112.58 |
| | | 1.7 / 1.4 | 107.0 | 106.6 | 152.46 | 7/20/1999 | 40.00 | 0.4 | 112.46 |
| | | 0.0 / 0.0 | 107.0 | 106.6 | 152.46 | 10/22/1999 | 47.82 | 0.4 | 104.64 |
| | | 0.0 / 0.0 | 107.0 | 107.0 | 152.46 | 1/25/2000 | 51.64 | 0.0 | 100.82 |
| | | 0.0 / 0.0 | 107.0 | 106.7 | 152.46 | 4/24/2000 | 45.16 | 0.3 | 107.30 |
| | | 1.1 / 0.0 | 107.0 | 106.7 | 152.46 | 10/25/2000 | 44.98 | 0.3 | 107.48 |
| | | 2.0 / 0.5 | 107 | 107.0 | 152.46 | 4/17/2001 | 42.13 | 0.0 | 110.33 |
| | | 2.0 / 0.5 | 107.0 | 105.7 | 152.46 | 7/17/2001 | 42.08 | 1.3 | 110.38 |
| | | 0.0 / 0.0 | 107 | 108.8 | 152.46 | 10/16/2001 | 46.55 | -- | 105.91 |
| | | 2.5 / 0.0 | 107 | 108.2 | 152.46 | 1/15/2002 | 45.35 | -- | 107.11 |
| | | 5.4 / 0.0 | 107 | 105.5 | 152.46 | 4/16/2002 | 44.84 | 1.5 | 107.62 |
| | | 0.0 / 0.0 | 107 | 106.8 | 152.46 | 7/24/2002 | 49.27 | 0.2 | 103.19 |
| | | 3.4 / 0.1 | 107 | 106.8 | 152.46 | 10/22/2002 | 52.72 | 0.2 | 99.74 |
| | | 5.8 / 0.1 | 107 | 106.8 | 152.46 | 1/24/2003 | 50.78 | 0.2 | 101.68 |
| | | 1.1 / 0.0 | 107 | 108.65 | 152.46 | 4/23/2003 | 46.76 | -- | 105.70 |
| | | 8.2 / 0.1 | 107 | 108.54 | 152.46 | 7/29/2003 | 49.89 | -- | 102.57 |
| | | 1.9 / 0.1 | 107 | 108.56 | 152.46 | 10/21/2003 | 55.81 | -- | 96.65 |
| | | 0.0 / 0.0 | 107 | 108.62 | 152.46 | 1/21/2004 | 57.49 | -- | 94.97 |
| | | 1.0 / 1.0 | 107 | 108.6 | 152.46 | 4/20/2004 | 56.59 | -- | 95.87 |
| | | 0.0 / 0.0 | 107 | 108.42 | 152.46 | 7/20/2004 | 59.61 | -- | 92.85 |
| | | 0.0 / 0.0 | 107 | 108.4 | 152.46 | 10/11/2004 | 63.70 | -- | 88.76 |
| | | 0.0 / 0.0 | 107 | 107.43 | 151.34 | 1/26/2005 | 59.33 | -- | 92.01 |
| | | 0.0 / 0.0 | 107 | 107.32 | 151.34 | 4/26/2005 | 49.43 | -- | 101.91 |
| | | 0.1 / 0.0 | 107 | 107.05 | 151.34 | 7/26/2005 | 46.87 | -- | 104.47 |
| | | 0.0 / 0.0 | 107 | 107.1 | 151.34 | 10/18/2005 | 47.82 | -- | 103.52 |
| | | 1.3 / 1.1 | 107 | 107.4 | 151.34 | 1/25/2006 | 49.20 | -- | 102.14 |
| | | 0.0 / 0.8 | 107 | 107.5 | 151.34 | 4/25/2006 | 46.15 | -- | 105.19 |
| | | 6.5 / 0.0 | 107 | 107.40 | 151.34 | 7/25/2006 | 45.75 | -- | 105.59 |
| | | 0.8 / 0.0 | 107 | 107.34 | 151.34 | 10/24/2006 | 47.98 | -- | 103.36 |
| | | 0.0 / 0.0 | 107 | 107.40 | 151.34 | 1/17/2007 | 47.85 | -- | 103.49 |
| | | 0.6 / 0.0 | 107 | 107.40 | 151.34 | 4/17/2007 | 46.49 | -- | 104.85 |
| | | 0.4 / 0.0 | 107 | 107.40 | 151.34 | 7/24/2007 | 47.64 | -- | 103.7 |
| | | 11.6 / 0.0 | 107 | 107.40 | 151.34 | 10/23/2007 | 54.07 | -- | 97.27 |
| | | 1.1 / 0.0 | 107 | 107.03 | 151.34 | 1/29/2008 | 56.30 | -- | 95.04 |
| | | 2.2 / 0.0 | 107 | 107.40 | 151.34 | 4/22/2008 | 53.03 | -- | 98.31 |
| | | 0.1 / 0.0 | 107 | 107.39 | 151.34 | 7/28/2008 | 57.58 | -- | 93.76 |
| MW-05 | 45-75 | 11.3 / 0.0 | 75.0 | 72.1 | 153.21 | 1/15/1989 | 59.07 | 2.9 | 94.14 |
| | | 0.0 / 0.0 | 75.0 | 73.9 | 153.21 | 4/25/1989 | 54.9 | 1.1 | 98.31 |
| | | 0.0 / 0.0 | 75.0 | 73.3 | 153.21 | 7/17/1989 | 54.78 | 1.7 | 98.43 |
| | | 0.0 / 0.0 | 75.0 | 73.7 | 153.21 | 10/23/1989 | 59.02 | 1.3 | 94.19 |
| | | 0.0 / 0.0 | 75.0 | 73.4 | 153.21 | 1/22/1990 | 58.18 | 1.6 | 95.03 |
| | | 13.0 / 0.0 | 75.0 | 73.3 | 153.21 | 4/9/1990 | 56.14 | 1.7 | 97.07 |
| | | 7.0 / 0.0 | 75.0 | 73.3 | 153.21 | 7/10/1990 | 54.53 | 1.7 | 98.68 |
| | | 11.0 / 0.0 | 75.0 | 72.8 | 153.26 | 10/15/1990 | 55.43 | 2.2 | 97.83 |
| | | 2.0 / 0.0 | 75.0 | 73.1 | 153.26 | 1/7/1991 | 56.29 | 2.0 | 96.97 |
| | | 0.0 / 0.0 | 75.0 | -- | 153.26 | 4/19/1993 | 38.90 | -- | 114.36 |
| | | 0.0 / 0.0 | 75.0 | -- | 153.26 | 7/12/1993 | 38.28 | -- | 114.98 |
| | | 0.1 / 0.0 | 75.0 | -- | 153.26 | 10/12/1993 | 38.06 | -- | 115.20 |
| | | 0.5 / 0.0 | 75.0 | -- | 153.26 | 1/10/1994 | 38.45 | -- | 114.81 |
| | | 0.7 / 0.2 | 75.0 | -- | 153.26 | 4/11/1994 | 37.64 | -- | 115.62 |
| | | 0.0 / 0.0 | 75.0 | -- | 153.26 | 7/18/1994 | 37.03 | -- | 116.23 |
| | | 3.2 / 3.0 | 75.0 | -- | 153.26 | 10/10/1994 | 42.94 | -- | 110.32 |
| | | 2.9 / 0.5 | 75.0 | 73.0 | 153.26 | 1/16/1995 | 42.23 | 2.0 | 111.03 |
| | | 0.0 / 0.0 | 75.0 | 73.2 | 153.26 | 4/17/1995 | 36.17 | 1.8 | 117.09 |
| | | 0.0 / 0.0 | 75.0 | 73.0 | 153.26 | 7/10/1995 | 34.75 | 2.0 | 118.51 |
| | | 0.0 / 0.0 | 75.0 | 73.1 | 153.26 | 10/9/1995 | 38.36 | 1.9 | 114.90 |
| | | 0.0 / 0.0 | 75.0 | 73.3 | 153.26 | 1/29/1996 | 40.69 | 1.7 | 112.57 |
| | | 0.0 / 0.0 | 75.0 | 73.3 | 153.26 | 4/15/1996 | 37.24 | 1.7 | 116.02 |
| | | 1.0 / 0.0 | 75.0 | 73.3 | 153.26 | 7/15/1996 | 37.65 | 1.7 | 115.61 |
| | | 0.7 / 0.4 | 75.0 | -- | 153.26 | 10/7/1996 | 41.50 | -- | 111.76 |
| | | 0.3 / 0.3 | 75.0 | -- | 153.26 | 1/13/1997 | 39.96 | -- | 113.30 |
| | | 0.4 / 0.4 | 75.0 | -- | 153.26 | 4/15/1997 | 36.85 | -- | 116.41 |

# Table C-1
# Phibrotech, Inc.
# Groundwater Elevations

| Well ID | Perforated Intervals (feet bgs) | Well Headspace* (ppm) | Total Depth Constructed (feet bgs) | Total Depth Measured (feet below MP) | MP Elevation (feet MSL) | Date | Depth to Water (feet below MP) | Calculated Casing Fill (feet) | Groundwater Elevation (feet MSL) |
|---|---|---|---|---|---|---|---|---|---|
| MW-05 | 45-75 | -- / -- | 75.0 | -- | 153.26 | 7/8/1997 | 36.76 | -- | 116.50 |
| | | 1.3 / 0.0 | 75.0 | -- | 153.26 | 10/14/1997 | 40.30 | -- | 112.96 |
| | | 0.9 / 0.0 | 75.0 | -- | 153.26 | 1/13/1998 | 42.33 | -- | 110.93 |
| | | 4435.0 / 0.1 | 75.0 | -- | 153.26 | 4/21/1998 | 37.32 | -- | 115.94 |
| | | 0.0 / 0.0 | 75.0 | -- | 153.26 | 7/14/1998 | 35.90 | -- | 117.36 |
| | | 220.0 / 0.0 | 75.0 | -- | 153.26 | 10/19/1998 | 38.46 | -- | 114.80 |
| | | 54.6 / 6.0 | 75.0 | -- | 153.26 | 1/19/1999 | 41.39 | -- | 111.87 |
| | | 1.1 / 0.0 | 75.0 | -- | 153.26 | 4/20/1999 | 41.56 | -- | 111.70 |
| | | 1.7 / 1.4 | 75.0 | -- | 153.26 | 7/20/1999 | 41.31 | -- | 111.95 |
| | | 0.0 / 0.0 | 75.0 | -- | 153.26 | 10/22/1999 | 49.31 | -- | 103.95 |
| | | 0.0 / 0.0 | 75.0 | -- | 153.26 | 1/25/2000 | 53.32 | -- | 99.94 |
| | | 0.0 / 0.0 | 75.0 | -- | 153.26 | 4/24/2000 | 46.85 | -- | 106.41 |
| | | 1.0 / 0.0 | 75 | -- | 153.26 | 10/17/2000 | 46.50 | -- | 106.76 |
| | | 1.0 / 0.0 | 75.0 | -- | 153.26 | 10/25/2000 | 46.50 | -- | 106.76 |
| | | 0.0 / 0.0 | 75 | -- | 153.26 | 4/17/2001 | 44.18 | -- | 109.08 |
| | | 0.0 / 0.0 | 75.0 | -- | 153.26 | 7/17/2001 | 43.50 | -- | 109.76 |
| | | 0.0 / 0.0 | 75 | -- | 153.26 | 10/16/2001 | 48.05 | -- | 105.21 |
| | | -- / -- | 75 | 73.03 | 153.26 | 1/15/2002 | 46.93 | 2.0 | 106.33 |
| | | 0.1 / 0.1 | 75 | 70.04 | 153.26 | 4/16/2002 | 46.34 | 5.0 | 106.92 |
| | | 0.1 / 0.1 | 75 | 73.30 | 153.26 | 7/24/2002 | 50.77 | 1.7 | 102.49 |
| | | 0.1 / 0.1 | 75 | 73.30 | 153.26 | 10/22/2002 | 54.38 | 1.7 | 98.88 |
| | | 0.1 / 0.1 | 75 | 73.30 | 153.26 | 1/24/2003 | 52.42 | 1.7 | 100.84 |
| | | 0.5 / 0.1 | 75 | 73.16 | 153.26 | 4/23/2003 | 48.31 | 1.8 | 104.95 |
| | | 0.0 / 0.0 | 75 | 73.20 | 153.26 | 7/29/2003 | 51.37 | 1.8 | 101.89 |
| | | 1.9 / 0.0 | 75 | 73.16 | 153.26 | 10/21/2003 | 57.46 | 1.8 | 95.80 |
| | | 0.0 / 0.0 | 75 | 73.30 | 153.26 | 1/21/2004 | 59.23 | 1.7 | 94.03 |
| | | 1.0 / 1.0 | 75 | 73.20 | 153.26 | 4/20/2004 | 58.30 | 1.8 | 94.96 |
| | | 0.0 / 0.0 | 75 | 73.06 | 153.26 | 7/20/2004 | 61.39 | 1.9 | 91.87 |
| | | 0.0 / 0.0 | 75 | 73.09 | 153.26 | 10/11/2004 | 65.34 | 1.9 | 87.92 |
| | | 0.0 / 0.0 | 75 | 73.03 | 153.11 | 1/26/2005 | 62.02 | 2.0 | 91.09 |
| | | 0.0 / 0.0 | 75 | 72.94 | 153.11 | 4/26/2005 | 51.98 | 2.1 | 101.13 |
| | | 0.0 / 0.0 | 75 | 72.88 | 153.11 | 7/26/2005 | 49.34 | 2.1 | 103.77 |
| | | 0.0 / 0.0 | 75 | 72.78 | 153.11 | 10/18/2005 | 50.25 | 2.2 | 102.86 |
| | | 1.0 / 1.0 | 75 | 73.00 | 153.11 | 1/25/2006 | 51.74 | 2.0 | 101.37 |
| | | 0.0 / 0.8 | 75 | 73.00 | 153.11 | 4/25/2006 | 48.77 | 2.0 | 104.34 |
| | | 0.0 / 0.0 | 75 | 72.87 | 153.11 | 7/25/2006 | 48.20 | 2.1 | 104.91 |
| | | 0.0 / 0.0 | 75 | 72.90 | 153.11 | 10/24/2006 | 50.47 | 2.1 | 102.64 |
| | | 0.0 / 0.0 | 75 | 73.00 | 153.11 | 1/17/2007 | 50.50 | 2.0 | 102.61 |
| | | 0.0 / 0.0 | 75 | 73.00 | 153.11 | 4/17/2007 | 49.02 | 2.0 | 104.09 |
| | | 0.0 / 0.0 | 75 | 73.00 | 153.11 | 7/24/2007 | 50.08 | 2.0 | 103.03 |
| | | 0.0 / 0.0 | 75 | 72.99 | 153.11 | 10/23/2007 | 56.68 | 2.0 | 96.43 |
| | | 0.0 / 0.0 | 75 | 72.98 | 153.11 | 1/29/2008 | 58.93 | 2.0 | 94.18 |
| | | 3.3 / 0.0 | 75 | 72.98 | 153.11 | 4/22/2008 | 55.54 | 2.0 | 97.57 |
| | | 0.2 / 0.1 | 75 | 73.00 | 153.11 | 7/28/2008 | 60.25 | 2.0 | 92.86 |
| MW-06A | 10-30 | 6.0 / 0.0 | 30.5 | 28.5 | 149.3 | 1/15/1989 | DRY | 2.0 | -- |
| | | -- / -- | 30 | 28.6 | 149.3 | 4/25/1989 | DRY | 1.4 | -- |
| | | 0.0 / 0.0 | 30 | 29.0 | 149.3 | 7/17/1989 | DRY | 1.0 | -- |
| | | 0.0 / 0.0 | 30 | 29.2 | 149.3 | 10/23/1989 | DRY | 0.8 | -- |
| | | 119.0 / 0.0 | 30 | 29.5 | 149.3 | 1/22/1990 | DRY | 0.5 | -- |
| | | 0.0 / 0.0 | 30 | 29.1 | 149.3 | 4/9/1990 | DRY | 0.9 | -- |
| | | 0.0 / 0.0 | 30 | 30.1 | 149.3 | 7/10/1990 | DRY | -- | -- |
| | | -- / -- | 30 | -- | 149.3 | 10/15/1990 | DRY | -- | -- |
| | | 7.0 / 0.0 | 30 | 28.6 | 149.3 | 1/7/1991 | DRY | 1.4 | -- |
| | | 0.0 / 0.0 | 30 | -- | -- | 7/12/1993 | DRY | -- | -- |
| | | 501.0 / 0.5 | 30 | -- | -- | 1/10/1994 | DRY | -- | -- |
| | | 0.2 / 0.2 | 30 | -- | -- | 4/11/1994 | DRY | -- | -- |
| | | 6.8 / 0.0 | 30 | -- | -- | 7/18/1994 | DRY | -- | -- |
| | | 4.2 / 3.0 | 30 | -- | -- | 10/10/1994 | DRY | -- | -- |
| | | 51.0 / 0.1 | 30 | -- | -- | 1/16/1995 | DRY | -- | -- |
| | | 0.0 / 0.0 | 30 | -- | -- | 4/17/1995 | DRY | -- | -- |
| | | 0.0 / 0.0 | 30 | -- | -- | 7/10/1995 | DRY | -- | -- |
| | | 0.0 / 0.0 | 30 | -- | -- | 10/9/1995 | DRY | -- | -- |
| | | 66.0 / 0.0 | 30 | -- | -- | 1/29/1996 | DRY | -- | -- |
| | | 14.0 / 0.0 | 30 | -- | -- | 4/15/1996 | DRY | -- | -- |
| | | 6.1 / 0.0 | 30 | -- | -- | 7/15/1996 | DRY | -- | -- |
| | | 1.8 / 0.0 | 30 | -- | -- | 10/7/1996 | DRY | -- | -- |
| | | 0.3 / 0.3 | 30 | -- | -- | 1/13/1997 | DRY | -- | -- |
| | | 11.0 / 0.9 | 30 | -- | -- | 4/15/1997 | DRY | -- | -- |

## Table C-1
## Phibrotech, Inc.
## Groundwater Elevations

| Well ID | Perforated Intervals (feet bgs) | Well Headspace* (ppm) | Total Depth Constructed (feet bgs) | Total Depth Measured (feet below MP) | MP Elevation (feet MSL) | Date | Depth to Water (feet below MP) | Calculated Casing Fill (feet) | Groundwater Elevation (feet MSL) |
|---|---|---|---|---|---|---|---|---|---|
| MW-06A | 10-30 | -- / -- | 30 | -- | -- | 7/8/1997 | DRY | -- | -- |
| | | 130.7 / 0.0 | 30 | 29.2 | -- | 10/14/1997 | DRY | 0.8 | -- |
| | | 218.0 / 0.0 | 30 | -- | -- | 1/13/1998 | DRY | -- | -- |
| | | 134.0 / 0.1 | 30 | -- | -- | 4/21/1998 | DRY | -- | -- |
| | | 51.0 / 0.0 | 30 | -- | -- | 7/14/1998 | DRY | -- | -- |
| | | 151.0 / 0.0 | 30 | -- | -- | 10/19/1998 | DRY | -- | -- |
| | | - | 30 | -- | -- | 1/19/1999 | DRY | -- | -- |
| | | 117.0 / 0.0 | 30 | -- | -- | 4/20/1999 | DRY | -- | -- |
| | | 128.6 / 1.4 | 30 | -- | -- | 7/20/1999 | DRY | -- | -- |
| | | 13.3 / 0.0 | 30 | -- | -- | 10/22/1999 | DRY | -- | -- |
| | | 183.0 / 0.0 | 30 | -- | -- | 1/25/2000 | DRY | -- | -- |
| | | -- / -- | 30 | -- | -- | 4/24/2000 | DRY | -- | -- |
| | | -- / -- | 30 | -- | -- | 10/17/2000 | DRY | -- | -- |
| | | -- / -- | 30 | -- | -- | 10/25/2000 | DRY | -- | -- |
| | | -- / -- | 30 | -- | -- | 4/17/2001 | DRY | -- | -- |
| | | -- / -- | 30 | -- | -- | 7/17/2001 | DRY | -- | -- |
| | | 41.0 / 0.0 | 30 | -- | -- | 10/16/2001 | DRY | -- | -- |
| | | -- / -- | 30 | -- | -- | 1/15/2002 | DRY | -- | -- |
| | | 0.0 / 0.0 | 30 | 28.9 | -- | 4/16/2002 | DRY | 1.1 | -- |
| | | 116.0 / 0.0 | 30 | 29.2 | -- | 7/24/2002 | DRY | 0.8 | -- |
| | | 0.1 / 0.1 | 30 | 29.2 | -- | 10/22/2002 | DRY | 0.8 | -- |
| | | 0.1 / 0.1 | 30 | 29.2 | -- | 1/24/2003 | DRY | 0.8 | -- |
| | | 1.5 / 0.0 | 30 | 29.08 | -- | 4/23/2003 | DRY | 0.9 | -- |
| | | 117.0 / 0.0 | 30 | 29.04 | -- | 7/29/2003 | DRY | 1.0 | -- |
| | | 44.0 / 0.0 | 30 | 29.05 | -- | 10/21/2003 | DRY | 0.9 | -- |
| | | 0.0 / 0.0 | 30 | 29.01 | -- | 1/21/2004 | DRY | 1.0 | -- |
| | | 3.1 / 0.2 | 30 | 29.03 | -- | 4/20/2004 | DRY | 1.0 | -- |
| | | 1.4 / 0.4 | 30 | 29 | -- | 7/20/2004 | DRY | 1.0 | -- |
| | | NM / | 30 | 29.05 | -- | 10/11/2004 | DRY | 0.9 | -- |
| | | 0.0 / 0.0 | 30 | 28.72 | -- | 1/26/2005 | DRY | 1.3 | -- |
| | | 6.3 / 0.0 | 30 | 28.73 | -- | 4/26/2005 | DRY | 1.3 | -- |
| | | 0.0 / 0.0 | 30 | 28.7 | -- | 7/26/2005 | DRY | 1.3 | -- |
| | | 117.8 / 0.2 | 30 | 28.6 | -- | 10/18/2005 | DRY | 1.4 | -- |
| | | 1.6 / 1.0 | 30 | 29.76 | -- | 1/25/2006 | DRY | 0.2 | -- |
| | | 0.0 / 0.8 | 30 | 28.71 | -- | 4/25/2006 | DRY | 1.3 | -- |
| | | 0.6 / 0.0 | 30 | 28.75 | -- | 7/25/2006 | DRY | 1.3 | -- |
| | | 1.4 / 0.0 | 30 | 28.64 | -- | 10/24/2006 | DRY | 1.4 | -- |
| | | 0.1 / 0.0 | 30 | 28.70 | -- | 1/17/2007 | DRY | 1.3 | -- |
| | | 0.5 / 0.0 | 30 | 28.70 | -- | 4/17/2007 | DRY | 1.3 | -- |
| | | 0.6 / 0.0 | 30 | 28.72 | -- | 7/24/2007 | DRY | 1.3 | -- |
| | | 0.0 / 0.0 | 30 | 28.71 | -- | 10/23/2007 | DRY | 1.3 | -- |
| | | 0.2 / 0.0 | 30 | 28.72 | -- | 1/29/2008 | DRY | 1.3 | -- |
| | | 6.2 / 0.0 | 30 | 28.72 | -- | 4/22/2008 | DRY | 1.3 | -- |
| | | 8.1 / 0.2 | 30 | 28.70 | -- | 7/28/2008 | -- | 1.3 | -- |
| MW-06B | 45-75 | 6.0 / 0.0 | 77.5 | 74.9 | 149.46 | 1/15/1989 | 54.34 | 2.6 | 95.12 |
| | | -- / -- | 77.0 | 74.2 | 149.46 | 4/25/1989 | 50.35 | 2.8 | 99.11 |
| | | 0.0 / 0.0 | 77.0 | 75.0 | 149.46 | 7/17/1989 | 51.07 | 2.0 | 98.39 |
| | | 0.0 / 0.0 | 77.0 | 70.2 | 149.46 | 10/23/1989 | 54.11 | 6.8 | 95.35 |
| | | 0.0 / 0.0 | 77.0 | 74.9 | 149.46 | 1/22/1990 | 53.49 | 2.1 | 95.97 |
| | | -- / -- | 77.0 | 74.9 | 149.46 | 4/9/1990 | 51.70 | 2.1 | 97.76 |
| | | 1.0 / 0.0 | 77.0 | 74.9 | 149.46 | 7/10/1990 | 50.18 | 2.1 | 99.28 |
| | | 3.0 / 0.0 | 77.0 | 76.6 | 149.53 | 10/15/1990 | 51.08 | 0.4 | 98.45 |
| | | 8.0 / 0.0 | 77.0 | 74.6 | 149.53 | 1/7/1991 | 51.66 | 2.4 | 97.87 |
| | | 14.7 / 0.0 | 77.0 | -- | 149.53 | 1/13/1992 | 46.30 | -- | 103.23 |
| | | 0.0 / 0.0 | 77.0 | 74.7 | 149.53 | 3/30/1992 | 43.67 | 2.3 | 105.86 |
| | | 0.0 / 0.0 | 77.0 | 74.4 | 149.53 | 7/13/1992 | 42.96 | 2.6 | 106.57 |
| | | 6.8 / 0.0 | 77.0 | 74.6 | 149.53 | 10/13/1992 | 45.41 | 2.4 | 104.12 |
| | | -- / -- | 74.7 | 74.7 | 149.53 | 1/19/1993 | 42.30 | 0.0 | 107.23 |
| | | 0.0 / 0.0 | 74.7 | 74.9 | 149.53 | 4/19/1993 | 34.89 | -- | 114.64 |
| | | 0.0 / 0.0 | 74.7 | 74.5 | 149.53 | 7/12/1993 | 34.19 | 0.2 | 115.34 |
| | | 0.2 / 0.0 | 74.7 | 74.7 | 149.53 | 10/12/1993 | 34.07 | 0.0 | 115.46 |
| | | 0.5 / 0.0 | 77.0 | 76.7 | 149.53 | 1/10/1994 | 34.16 | 0.3 | 115.37 |
| | | 0.7 / 0.0 | 77.0 | 74.2 | 149.53 | 4/11/1994 | 33.38 | 2.8 | 116.15 |
| | | 16.5 / 0.0 | 77.0 | 74.4 | 149.53 | 7/18/1994 | 32.86 | 2.6 | 116.67 |
| | | 4.2 / 3.8 | 77.0 | 74.3 | 149.53 | 10/10/1994 | 38.40 | 2.7 | 111.13 |
| | | 0.9 / 0.9 | 77.0 | 74.1 | 149.53 | 1/16/1995 | 37.34 | 2.9 | 112.19 |
| | | 0.0 / 0.0 | 77.0 | 74.3 | 149.53 | 4/17/1995 | 32.11 | 2.7 | 117.42 |
| | | 0.0 / 0.0 | 77.0 | 74.1 | 149.53 | 7/10/1995 | 30.60 | 2.9 | 118.93 |

**Table C-1**
**Phibrotech, Inc.**
**Groundwater Elevations**

| Well ID | Perforated Intervals (feet bgs) | Well Headspace* (ppm) | Total Depth Constructed (feet bgs) | Total Depth Measured (feet below MP) | MP Elevation (feet MSL) | Date | Depth to Water (feet below MP) | Calculated Casing Fill (feet) | Groundwater Elevation (feet MSL) |
|---|---|---|---|---|---|---|---|---|---|
| MW-06B | 45-75 | 0.0 / 0.0 | 77.0 | 74.1 | 149.53 | 10/9/1995 | 34.08 | 2.9 | 115.45 |
| | | 0.0 / 0.0 | 77.6 | 77.6 | 149.53 | 1/29/1996 | 36.06 | 0.0 | 113.47 |
| | | 1.3 / 0.0 | 77.6 | 77.5 | 149.53 | 4/15/1996 | 32.88 | 0.1 | 116.65 |
| | | 0.0 / 0.0 | 77.6 | 77.5 | 149.53 | 7/15/1996 | 33.35 | 0.1 | 116.18 |
| | | 47.0 / 4.1 | 77.6 | 77.4 | 149.53 | 10/7/1996 | 36.87 | 0.2 | 112.66 |
| | | 1.0 / 0.3 | 77.6 | 77.5 | 149.53 | 1/13/1997 | 35.33 | 0.1 | 114.20 |
| | | 0.6 / 0.1 | 77.6 | 77.5 | 149.53 | 4/15/1997 | 32.58 | 0.1 | 116.95 |
| | | -- / -- | 77.6 | 77.5 | 149.53 | 7/8/1997 | 32.52 | 0.1 | 117.01 |
| | | 38.0 / 0.5 | 77.6 | 77.2 | 149.53 | 10/14/1997 | 35.82 | 0.4 | 113.71 |
| | | 0.9 / 0.0 | 77.6 | 77.1 | 149.53 | 1/13/1998 | 37.47 | 0.5 | 112.06 |
| | | 0.1 / 0.1 | 77.6 | 77.0 | 149.53 | 4/21/1998 | 32.77 | 0.6 | 116.76 |
| | | 0.0 / 0.0 | 77.6 | 77.1 | 149.53 | 7/14/1998 | 31.58 | 0.5 | 117.95 |
| | | 2.9 / 1.4 | 77.6 | 77.1 | 149.53 | 10/19/1998 | 34.70 | 0.5 | 114.83 |
| | | - | 77.6 | 77.0 | 149.53 | 1/19/1999 | 36.79 | 0.6 | 112.74 |
| | | 1.1 / 0.0 | 77.6 | 76.9 | 149.53 | 4/20/1999 | 36.97 | 0.7 | 112.56 |
| | | 1.4 / 1.4 | 77.6 | 76.9 | 149.53 | 7/20/1999 | 37.10 | 0.7 | 112.43 |
| | | 0.0 / 0.0 | 77.6 | 77.0 | 149.53 | 10/22/1999 | 44.49 | 0.6 | 105.04 |
| | | 39.0 / 0.0 | 77.6 | 77.3 | 149.53 | 1/25/2000 | 48.27 | 0.3 | 101.26 |
| | | -- / -- | 77.6 | 76.9 | 149.53 | 4/24/2000 | 42.32 | 0.7 | 107.21 |
| | | 0.5 / 0.5 | 77 | 76.6 | 149.53 | 10/17/2000 | 41.98 | 0.4 | 107.55 |
| | | 0.5 / 0.5 | 77.6 | 76.6 | 149.53 | 10/25/2000 | 41.98 | 1.0 | 107.55 |
| | | 0.0 / 0.0 | 77 | 77.5 | 149.53 | 4/17/2001 | 39.72 | -- | 109.81 |
| | | 0.0 / 0.0 | 77.6 | 76.5 | 149.53 | 7/17/2001 | 39.24 | 1.1 | 110.29 |
| | | 0.0 / 0.0 | 77 | 76.6 | 149.53 | 10/16/2001 | 43.47 | 0.4 | 106.06 |
| | | 0.2 / 0.0 | 77 | 76.3 | 149.53 | 1/15/2002 | 42.52 | 0.7 | 107.01 |
| | | 0.0 / 0.0 | 77 | 76.2 | 149.53 | 4/16/2002 | 41.95 | 0.8 | 107.58 |
| | | 0.0 / 0.0 | 77 | 76.4 | 149.53 | 7/24/2002 | 46.09 | 0.6 | 103.44 |
| | | 0.1 / 0.1 | 77 | 76.4 | 149.53 | 10/22/2002 | 49.50 | 0.6 | 100.03 |
| | | 0.1 / 0.1 | 77 | 76.4 | 149.53 | 1/24/2003 | 47.83 | 0.6 | 101.70 |
| | | 0.0 / 0.0 | 77 | 76.05 | 149.53 | 4/23/2003 | 43.98 | 1.0 | 105.55 |
| | | 0.2 / 0.0 | 77 | 75.88 | 149.53 | 7/29/2003 | 46.75 | 1.1 | 102.78 |
| | | 1.0 / 0.0 | 77 | 75.93 | 149.53 | 10/21/2003 | 52.29 | 1.1 | 97.24 |
| | | 0.0 / 0.0 | 77 | 76.00 | 149.53 | 1/21/2004 | 54.05 | 1.0 | 95.48 |
| | | 0.2 / 0.2 | 77 | 75.86 | 149.53 | 4/20/2004 | 53.45 | 1.1 | 96.08 |
| | | 0.4 / 0.4 | 77 | 75.73 | 149.53 | 7/20/2004 | 56.15 | 1.3 | 93.38 |
| | | 0.0 / 0.0 | 77 | 75.75 | 149.53 | 10/11/2004 | 59.91 | 1.3 | 89.62 |
| | | 10.3 / 10.0 | 77 | 75.31 | 149.35 | 1/26/2005 | 57.39 | 1.7 | 91.96 |
| | | 0.7 / 0.0 | 77 | 75.42 | 149.35 | 4/26/2005 | 47.80 | 1.6 | 101.55 |
| | | 3.2 / 0.0 | 77 | 75.34 | 149.35 | 7/26/2005 | 45.00 | 1.7 | 104.35 |
| | | 2.5 / 0.0 | 77 | 75.12 | 149.35 | 10/18/2005 | 45.82 | 1.9 | 103.53 |
| | | 1.4 / 1.0 | 77 | 75.30 | 149.35 | 1/25/2006 | 47.10 | 1.7 | 102.25 |
| | | 1.6 / 0.0 | 77 | 75.35 | 149.35 | 4/25/2006 | 44.25 | 1.7 | 105.10 |
| | | 1.5 / 0.0 | 77 | 75.20 | 149.35 | 7/25/2006 | 43.70 | 1.8 | 105.65 |
| | | 1.9 / 0.0 | 77 | 75.35 | 149.35 | 10/24/2006 | 45.84 | 1.7 | 103.51 |
| | | 0.0 / 0.0 | 77 | 75.16 | 149.35 | 1/17/2007 | 45.78 | 1.8 | 103.57 |
| | | 4.0 / 0.0 | 77 | 75.30 | 149.35 | 4/17/2007 | 44.58 | 1.7 | 104.77 |
| | | 2.8 / 0.0 | 77 | 75.23 | 149.35 | 7/24/2007 | 45.58 | 1.8 | 103.77 |
| | | 0.4 / 0.0 | 77 | 75.15 | 149.35 | 10/23/2007 | 51.51 | 1.8 | 97.84 |
| | | 0.0 / 0.0 | 77 | 75.04 | 149.35 | 1/29/2008 | 53.82 | 2.0 | 95.53 |
| | | 16.4 / 0.0 | 77 | 75.11 | 149.35 | 4/22/2008 | 50.77 | 1.9 | 98.58 |
| | | 0.0 / 0.0 | 77 | 75.18 | 149.35 | 7/28/2008 | 54.91 | 1.8 | 94.44 |
| MW-06D | 79-94 | 3.0 / 0.0 | 95.5 | 96.9 | 150.16 | 10/15/1990 | 51.64 | -- | 98.52 |
| | | 5.0 / 0.0 | 95.5 | 94.5 | 150.16 | 1/7/1991 | 52.25 | 1.0 | 97.91 |
| | | 10.0 / 0.0 | 95.5 | -- | 150.16 | 1/13/1992 | 46.87 | -- | 103.29 |
| | | 0.0 / 0.0 | 95.5 | 94.6 | 150.16 | 3/30/1992 | 44.26 | 0.9 | 105.90 |
| | | 0.2 / 0.0 | 95.5 | 94.6 | 150.16 | 7/13/1992 | 43.60 | 0.9 | 106.56 |
| | | 71.1 / 0.0 | 95.5 | 94.3 | 150.16 | 10/13/1992 | 45.99 | 1.2 | 104.17 |
| | | -- / -- | 95.5 | 94.3 | 150.16 | 1/19/1993 | 42.83 | 1.2 | 107.33 |
| | | 0.0 / 0.0 | 95.5 | 94.5 | 150.16 | 4/19/1993 | 35.48 | 1.0 | 114.68 |
| | | 0.0 / 0.0 | 95.5 | 94.3 | 150.16 | 7/12/1993 | 34.81 | 1.2 | 115.35 |
| | | 0.5 / 0.0 | 95.5 | 94.5 | 150.16 | 10/12/1993 | 34.68 | 1.0 | 115.48 |
| | | 0.0 / 0.0 | 95.5 | 94.4 | 150.16 | 1/10/1994 | 34.73 | 1.1 | 115.43 |
| | | 0.7 / 0.0 | 95.5 | 93.9 | 150.16 | 4/11/1994 | 33.99 | 1.6 | 116.17 |
| | | 10.5 / 0.0 | 95.5 | 93.8 | 150.16 | 7/18/1994 | 33.46 | 1.7 | 116.70 |
| | | 12.0 / 6.0 | 95.5 | 93.8 | 150.16 | 10/10/1994 | 39.00 | 1.7 | 111.16 |
| | | 7.6 / 0.8 | 95.5 | 93.8 | 150.16 | 1/16/1995 | 37.96 | 1.7 | 112.20 |
| | | 8.7 / 0.0 | 95.5 | 93.9 | 150.16 | 4/17/1995 | 32.71 | 1.6 | 117.45 |
| | | 0.0 / 0.0 | 95.5 | 93.7 | 150.16 | 7/10/1995 | 31.20 | 1.8 | 118.96 |

# Table C-1
# Phibrotech, Inc.
# Groundwater Elevations

| Well ID | Perforated Intervals (feet bgs) | Well Headspace* (ppm) | Total Depth Constructed (feet bgs) | Total Depth Measured (feet below MP) | MP Elevation (feet MSL) | Date | Depth to Water (feet below MP) | Calculated Casing Fill (feet) | Groundwater Elevation (feet MSL) |
|---|---|---|---|---|---|---|---|---|---|
| MW-06D | 79-94 | 0.7 / 0.0 | 95.5 | 93.6 | 150.16 | 10/9/1995 | 34.66 | 1.9 | 115.50 |
| | | 0.0 / 0.0 | 95.5 | 94.0 | 150.16 | 1/29/1996 | 36.65 | 1.5 | 113.51 |
| | | 9.0 / 0.0 | 95.5 | 94.0 | 150.16 | 4/15/1996 | 33.46 | 1.5 | 116.70 |
| | | 2.1 / 0.0 | 95.5 | 94.0 | 150.16 | 7/15/1996 | 33.92 | 1.5 | 116.24 |
| | | 1.0 / 0.7 | 95.5 | 94.0 | 150.16 | 10/7/1996 | 37.46 | 1.5 | 112.70 |
| | | 1.0 / 0.3 | 95.5 | 93.9 | 150.16 | 1/13/1997 | 35.92 | 1.6 | 114.24 |
| | | 0.4 / 0.4 | 95.5 | 93.9 | 150.16 | 4/15/1997 | 33.14 | 1.6 | 117.02 |
| | | -- / -- | 95.5 | 93.9 | 150.16 | 7/8/1997 | 33.06 | 1.6 | 117.10 |
| | | 0.0 / 0.0 | 95.5 | 93.9 | 150.16 | 10/14/1997 | 36.40 | 1.6 | 113.76 |
| | | 4.9 / 0.0 | 95.5 | 93.9 | 150.16 | 1/13/1998 | 38.04 | 1.6 | 112.12 |
| | | 3.9 / 0.1 | 95.5 | 93.9 | 150.16 | 4/21/1998 | 33.36 | 1.6 | 116.80 |
| | | 0.0 / 0.0 | 95.5 | 93.9 | 150.13 | 7/14/1998 | 32.16 | 1.6 | 117.97 |
| | | 837.0 / 0.0 | 95.5 | 93.9 | 150.13 | 10/19/1998 | 34.61 | 1.6 | 115.52 |
| | | 41.5 / 5.2 | 95.5 | 93.4 | 150.13 | 1/19/1999 | 37.35 | 2.1 | 112.78 |
| | | 5.8 / 0.0 | 95.5 | 90.3 | 150.13 | 4/20/1999 | 37.51 | 5.2 | 112.62 |
| | | 17.0 / 0.4 | 95.5 | 93.5 | 150.13 | 7/20/1999 | 37.70 | 2.0 | 112.43 |
| | | 0.0 / 0.0 | 95.5 | 93.4 | 150.13 | 10/22/1999 | 45.03 | 2.1 | 105.10 |
| | | 0.0 / 0.0 | 95.5 | 90.7 | 150.13 | 1/25/2000 | 48.81 | 4.8 | 101.32 |
| | | -- / -- | 95.5 | 90.5 | 150.13 | 4/24/2000 | 42.88 | 5.0 | 107.25 |
| | | 0.0 / 0.0 | 95.5 | 90.3 | 150.13 | 10/17/2000 | 42.54 | 5.3 | 107.59 |
| | | 0.0 / 0.0 | 95.5 | 90.3 | 150.13 | 10/25/2000 | 42.54 | 5.3 | 107.59 |
| | | 0.0 / 0.0 | 95.5 | 92.5 | 150.13 | 4/17/2001 | 40.26 | 3.0 | 109.87 |
| | | 0.0 / 0.0 | 95.5 | 90.6 | 150.13 | 7/17/2001 | 39.82 | 5.0 | 110.31 |
| | | 0.0 / 0.0 | 95.5 | 92.9 | 150.13 | 10/16/2001 | 44.04 | 2.6 | 106.09 |
| | | 0.0 / 0.0 | 95.5 | 92.3 | 150.13 | 1/15/2002 | 43.12 | 3.2 | 107.01 |
| | | 0.0 / 0.0 | 95.5 | 90.4 | 150.13 | 4/16/2002 | 42.52 | 5.1 | 107.61 |
| | | 0.0 / 0.0 | 95.5 | 92.9 | 150.13 | 7/24/2002 | 46.65 | 2.6 | 103.48 |
| | | 13.7 / 0.0 | 95.5 | 92.9 | 150.13 | 10/22/2002 | 50.05 | 2.6 | 100.08 |
| | | 0.1 / 0.1 | 95.5 | 92.9 | 150.13 | 1/24/2003 | 48.40 | 2.6 | 101.73 |
| | | 0.5 / 0.5 | 95.5 | 92.74 | 150.13 | 4/23/2003 | 44.52 | 2.8 | 105.61 |
| | | 0.3 / 0.1 | 95.5 | 92.57 | 150.13 | 7/29/2003 | 47.27 | 2.9 | 102.86 |
| | | 1.9 / 0.1 | 95.5 | 90.60 | 150.13 | 10/21/2003 | 52.82 | 4.9 | 97.31 |
| | | 0.0 / 0.0 | 95.5 | 90.76 | 150.13 | 1/21/2004 | 54.63 | 4.7 | 95.50 |
| | | 0.2 / 0.2 | 95.5 | 90.67 | 150.13 | 4/20/2004 | 54.04 | 4.8 | 96.09 |
| | | 0.4 / 0.4 | 95.5 | 90.57 | 150.13 | 7/20/2004 | 56.65 | 4.9 | 93.48 |
| | | 0.0 / 0.0 | 95.5 | 90.62 | 150.13 | 10/11/2004 | 60.40 | 4.9 | 89.73 |
| | | 0.0 / 0.0 | 95.5 | 90.23 | 149.85 | 1/26/2005 | 57.84 | 5.3 | 92.01 |
| | | 1.1 / 0.0 | 95.5 | 89.97 | 149.85 | 4/26/2005 | 48.26 | 5.5 | 101.59 |
| | | 0.6 / 0.0 | 95.5 | 89.96 | 149.85 | 7/26/2005 | 45.50 | 5.5 | 104.35 |
| | | 0.2 / 0.0 | 95.5 | 90.07 | 149.85 | 10/18/2005 | 46.28 | 5.4 | 103.57 |
| | | 1.1 / 1.0 | 95.5 | 90.41 | 149.85 | 1/25/2006 | 47.49 | 5.1 | 102.36 |
| | | 1.6 / 0.0 | 95.5 | 90.42 | 149.85 | 4/25/2006 | 44.67 | 5.1 | 105.18 |
| | | 1.2 / 0.0 | 95.5 | 90.35 | 149.85 | 7/25/2006 | 44.16 | 5.2 | 105.69 |
| | | 1.3 / 0.0 | 95.5 | 90.14 | 149.85 | 10/24/2006 | 46.32 | 5.4 | 103.53 |
| | | 0.0 / 0.0 | 95.5 | 90.24 | 149.85 | 1/17/2007 | 46.30 | 5.3 | 103.55 |
| | | 1.3 / 0.0 | 95.5 | 90.24 | 149.85 | 4/17/2007 | 45.10 | 5.3 | 104.75 |
| | | 1.2 / 0.0 | 95.5 | 90.20 | 149.85 | 7/24/2007 | 46.02 | 5.3 | 103.83 |
| | | 0.4 / 0.0 | 95.5 | 90.17 | 149.85 | 10/23/2007 | 51.96 | 5.3 | 97.89 |
| | | 0.0 / 0.0 | 95.5 | 90.03 | 149.85 | 1/29/2008 | 54.31 | 5.5 | 95.54 |
| | | 0.0 / 0.0 | 95.5 | 90.23 | 149.85 | 4/22/2008 | 51.36 | 5.3 | 98.49 |
| | | 0.4 / 0.1 | 95.5 | 90.11 | 149.85 | 7/28/2008 | 55.37 | 5.4 | 94.48 |
| MW-07 | 45-75 | 6.0 / 5.0 | 75.5 | 74.39 | 149.27 | 1/15/1989 | 59.8 | 1.1 | 89.47 |
| | | -- / 0.0 | 75 | 74.8 | 149.27 | 4/25/1989 | 50.44 | 0.2 | 98.83 |
| | | 11.0 / 0.0 | 75 | 74.5 | 149.27 | 7/17/1989 | 51.37 | 0.5 | 97.90 |
| | | 29.0 / 0.0 | 75 | 74.9 | 149.27 | 10/23/1989 | 54.55 | 0.1 | 94.72 |
| | | 6.0 / 0.0 | 75 | 74.6 | 149.27 | 1/22/1990 | 53.82 | 0.4 | 95.45 |
| | | 35.0 / 0.0 | 75 | 74.5 | 149.27 | 4/9/1990 | 51.95 | 0.5 | 97.32 |
| | | 0.0 / 0.0 | 75 | 74.6 | 149.27 | 7/10/1990 | 50.42 | 0.4 | 98.85 |
| | | 13.0 / 0.0 | 75 | 76.5 | 149.42 | 10/15/1990 | 51.40 | -- | 98.02 |
| | | 13.0 / 0.0 | 75 | 74.3 | 149.42 | 1/7/1991 | 52.01 | 0.7 | 97.41 |
| | | 0.0 / 0.0 | 75 | 73.8 | 149.42 | 4/8/1991 | 49.36 | 1.2 | 100.06 |
| | | 3.0 / 0.0 | 75 | 74.4 | 149.42 | 7/8/1991 | 48.22 | 0.6 | 101.20 |
| | | 10.6 / 0.0 | 75 | 74.3 | 149.42 | 10/21/1991 | 48.80 | 0.7 | 100.62 |
| | | 6.7 / 0.0 | 75 | 74.3 | 149.42 | 1/13/1992 | 46.52 | 0.7 | 102.90 |
| | | 3.2 / 0.0 | 75 | 74.2 | 149.42 | 3/30/1992 | 43.88 | 0.8 | 105.54 |
| | | 0.7 / 0.0 | 75 | 74.4 | 149.42 | 7/13/1992 | 43.26 | 0.6 | 106.16 |
| | | 18.3 / 0.0 | 75 | 74.5 | 149.42 | 10/13/1992 | 45.74 | 0.5 | 103.68 |
| | | -- / 0.0 | 75 | 70.9 | 149.42 | 1/19/1993 | 42.60 | 4.1 | 106.82 |

# Table C-1
# Phibrotech, Inc.
# Groundwater Elevations

| Well ID | Perforated Intervals (feet bgs) | Well Headspace* (ppm) | Total Depth Constructed (feet bgs) | Total Depth Measured (feet below MP) | MP Elevation (feet MSL) | Date | Depth to Water (feet below MP) | Calculated Casing Fill (feet) | Groundwater Elevation (feet MSL) |
|---|---|---|---|---|---|---|---|---|---|
| MW-07 | 45-75 | 0.0 / 0.0 | 75 | 71.5 | 149.42 | 4/19/1993 | 34.88 | 3.5 | 114.54 |
| | | 0.0 / 0.0 | 75 | 71.2 | 149.42 | 7/12/1993 | 34.28 | 3.8 | 115.14 |
| | | 5.0 / 0.0 | 75 | 71.4 | 149.42 | 10/12/1993 | 34.19 | 3.6 | 115.23 |
| | | 1.1 / 0.0 | 75 | 71.4 | 149.42 | 1/10/1994 | 34.34 | 3.6 | 115.08 |
| | | 0.7 / 0.2 | 75 | 71.2 | 149.42 | 4/11/1994 | 33.54 | 3.8 | 115.88 |
| | | 11.1 / 0.0 | 75 | 71.2 | 149.42 | 7/18/1994 | 32.98 | 3.8 | 116.44 |
| | | 41.0 / 9.3 | 75 | 71.1 | 149.42 | 10/10/1994 | 38.73 | 3.9 | 110.69 |
| | | 5.5 / 0.2 | 75 | 71.3 | 149.42 | 1/16/1995 | 37.83 | 3.7 | 111.59 |
| | | 1.0 / 0.0 | 75 | 71.6 | 149.42 | 4/17/1995 | 32.18 | 3.4 | 117.24 |
| | | 0.0 / 0.0 | 75 | 71.4 | 149.42 | 7/10/1995 | 30.79 | 3.6 | 118.63 |
| | | 0.2 / 0.0 | 75 | 71.5 | 149.42 | 10/9/1995 | 34.34 | 3.5 | 115.08 |
| | | 0.0 / 0.0 | 75 | 71.6 | 149.42 | 1/29/1996 | 36.44 | 3.4 | 112.98 |
| | | 2.5 / 0.0 | 71.6 | 71.6 | 149.42 | 4/15/1996 | 33.03 | 0.0 | 116.39 |
| | | 0.6 / 0.0 | 71.6 | 71.6 | 149.42 | 7/15/1996 | 33.59 | 0.0 | 115.83 |
| | | 1.0 / 0.7 | 71.6 | 71.6 | 149.42 | 10/7/1996 | 37.25 | 0.0 | 112.17 |
| | | 4.4 / 0.3 | 71.6 | 71.6 | 149.42 | 1/13/1997 | 35.66 | 0.0 | 113.76 |
| | | 0.1 / 0.1 | 71.6 | 71.6 | 149.42 | 4/15/1997 | 32.80 | 0.0 | 116.62 |
| | | -- / -- | 71.6 | 71.6 | 149.42 | 7/8/1997 | 32.68 | 0.0 | 116.74 |
| | | 6.0 / 0.0 | 71.6 | 71.5 | 149.42 | 10/14/1997 | 38.15 | 0.1 | 111.27 |
| | | 56.0 / 1.9 | 71.6 | 71.5 | 149.42 | 1/13/1998 | 37.95 | 0.1 | 111.47 |
| | | 1.3 / 0.1 | 71.5 | 71.5 | 149.42 | 4/21/1998 | 33.04 | 0.0 | 116.38 |
| | | 0.0 / 0.0 | 71.5 | 71.4 | 149.42 | 7/14/1998 | 31.80 | 0.1 | 117.62 |
| | | 2.9 / 1.4 | 71.5 | 71.5 | 149.42 | 10/19/1998 | 34.36 | 0.0 | 115.06 |
| | | - | 71.5 | 71.6 | 149.42 | 1/19/1999 | 37.14 | -- | 112.28 |
| | | 3.5 / 0.0 | 71.5 | 71.5 | 149.42 | 4/20/1999 | 37.31 | -- | 112.11 |
| | | 4.3 / 1.4 | 71.5 | 71.5 | 149.42 | 7/20/1999 | 37.33 | -- | 112.09 |
| | | 13.2 / 0.0 | 71.5 | 71.5 | 149.42 | 10/22/1999 | 44.92 | 0.0 | 104.50 |
| | | 7.0 / 0.0 | 71.5 | 71.5 | 149.42 | 1/25/2000 | 48.75 | 0.0 | 100.67 |
| | | -- / -- | 71.5 | 71.4 | 149.42 | 4/24/2000 | 42.58 | 0.1 | 106.84 |
| | | 0.5 / 0.5 | 75 | 71.2 | 149.42 | 10/17/2000 | 42.18 | 3.8 | 107.24 |
| | | 0.5 / 0.5 | 71.5 | 71.2 | 149.42 | 10/25/2000 | 42.18 | 0.3 | 107.24 |
| | | 0.0 / 0.0 | 75 | 71.2 | 149.42 | 4/17/2001 | 39.95 | 3.8 | 109.47 |
| | | 0.0 / 0.0 | 71.5 | 71.4 | 149.42 | 7/17/2001 | 39.44 | 0.1 | 109.98 |
| | | 0.0 / 0.0 | 75 | 71.8 | 149.42 | 10/16/2001 | 43.78 | 3.3 | 105.64 |
| | | 0.7 / 0.0 | 75 | 71.0 | 149.42 | 1/15/2002 | 42.72 | 4.0 | 106.70 |
| | | 0.0 / 0.0 | 75 | 71.0 | 149.42 | 4/16/2002 | 42.20 | 4.0 | 107.22 |
| | | 0.8 / 0.0 | 75 | 71.2 | 149.42 | 7/24/2002 | 46.46 | 3.8 | 102.96 |
| | | 0.1 / 0.1 | 75 | 71.2 | 149.42 | 10/22/2002 | 49.92 | 3.8 | 99.50 |
| | | 4.7 / 0.1 | 75 | 71.2 | 149.42 | 1/24/2003 | 48.14 | 3.8 | 101.28 |
| | | 1.7 / 0.1 | 75 | 71.10 | 149.42 | 4/23/2003 | 44.15 | 3.9 | 105.27 |
| | | 0.8 / 0.0 | 75 | 71.05 | 149.42 | 7/29/2003 | 46.98 | 4.0 | 102.44 |
| | | 2.9 / 0.0 | 75 | 70.98 | 149.42 | 10/21/2003 | 52.81 | 4.0 | 96.61 |
| | | 0.0 / 0.0 | 75 | 71.24 | 149.42 | 1/21/2004 | 54.59 | 3.8 | 94.83 |
| | | 0.2 / 0.2 | 75 | 71 | 149.42 | 4/20/2004 | 53.82 | 4.0 | 95.60 |
| | | 0.4 / 0.4 | 75 | 70.95 | 149.42 | 7/20/2004 | 56.56 | 4.1 | 92.86 |
| | | 0.0 / 0.0 | 75 | 71.29 | 149.42 | 10/11/2004 | 60.69 | 3.7 | 88.73 |
| | | 0.0 / 0.0 | 75 | 70.77 | 149.18 | 1/26/2005 | 57.65 | 4.2 | 91.53 |
| | | 5.2 / 0.0 | 75 | 70.66 | 149.18 | 4/26/2005 | 47.90 | 4.3 | 101.28 |
| | | 0.5 / 0.0 | 75 | 70.54 | 149.18 | 7/26/2005 | 45.17 | 4.5 | 104.01 |
| | | 0.0 / 0.0 | 75 | 70.37 | 149.18 | 10/18/2005 | 45.98 | 4.6 | 103.20 |
| | | 1.0 / 1.0 | 75 | 70.8 | 149.18 | 1/25/2006 | 47.29 | 4.2 | 101.89 |
| | | 0.8 / 0.0 | 75 | 70.5 | 149.18 | 4/25/2006 | 44.47 | 4.5 | 104.71 |
| | | 0.0 / 0.0 | 75 | 70.53 | 149.18 | 7/25/2006 | 43.96 | 4.5 | 105.22 |
| | | 0.0 / 0.0 | 75 | 69.90 | 149.18 | 10/24/2006 | 46.10 | 5.1 | 103.08 |
| | | 0.0 / 0.0 | 75 | 69.80 | 149.18 | 1/17/2007 | 46.15 | 5.2 | 103.03 |
| | | 4.6 / 0.0 | 75 | 69.84 | 149.18 | 4/17/2007 | 44.80 | 5.2 | 104.38 |
| | | 5.7 / 0.0 | 75 | 69.75 | 149.18 | 7/24/2007 | 45.73 | 5.3 | 103.45 |
| | | 0.0 / 0.0 | 75 | 69.47 | 149.18 | 10/23/2007 | 51.96 | 5.5 | 97.22 |
| | | 0.0 / 0.0 | 75 | 69.10 | 149.18 | 1/29/2008 | 54.21 | 5.9 | 94.97 |
| | | 0.0 / 0.0 | 75 | 69.52 | 149.18 | 4/22/2008 | 51.13 | 5.5 | 98.05 |
| | | 0.2 / 0.1 | 75 | 69.45 | 149.18 | 7/28/2008 | 55.36 | 5.6 | 93.82 |
| MW-08 | 41-71 | 25.0 / 6.0 | 76.0 | 69.6 | 149.53 | 1/15/1989 | 54.69 | 6.4 | 94.84 |
| | | 23.0 / 0.0 | 71.0 | 69.9 | 149.53 | 4/25/1989 | 50.47 | 1.1 | 99.06 |
| | | 0.0 / 0.0 | 71.0 | 71.0 | 149.53 | 7/17/1989 | 51.40 | 0.0 | 98.13 |
| | | 55.0 / 0.0 | 71.0 | 70.3 | 149.53 | 10/23/1989 | 54.63 | 0.7 | 94.90 |
| | | 11.0 / 0.0 | 71.0 | 70.1 | 149.53 | 1/22/1990 | 53.91 | 0.9 | 95.62 |
| | | 4.9 / 0.0 | 71.0 | 69.7 | 149.53 | 4/9/1990 | 52.02 | 1.3 | 97.51 |
| | | -- / -- | 71.0 | 70.1 | 149.53 | 7/10/1990 | 50.45 | 1.0 | 99.08 |

# Table C-1
# Phibrotech, Inc.
# Groundwater Elevations

| Well ID | Perforated Intervals (feet bgs) | Well Headspace* (ppm) | Total Depth Constructed (feet bgs) | Total Depth Measured (feet below MP) | MP Elevation (feet MSL) | Date | Depth to Water (feet below MP) | Calculated Casing Fill (feet) | Groundwater Elevation (feet MSL) |
|---|---|---|---|---|---|---|---|---|---|
| MW-08 | 41-71 | 52.0 / 0.0 | 71.0 | 69.8 | 149.98 | 10/15/1990 | 51.47 | 1.2 | 98.51 |
| | | 12.0 / 0.0 | 71.0 | 69.8 | 149.98 | 1/7/1991 | 52.05 | 1.2 | 97.93 |
| | | -- / -- | 71.0 | -- | 149.98 | 1/19/1993 | 42.58 | -- | 107.40 |
| | | 52.0 / 0.0 | 71.0 | -- | 149.98 | 4/19/1993 | 34.92 | -- | 115.06 |
| | | 0.0 / 0.0 | 71.0 | -- | 149.98 | 7/12/1993 | 34.34 | -- | 115.64 |
| | | 0.2 / 0.0 | 71.0 | -- | 149.98 | 10/12/1993 | 34.33 | -- | 115.65 |
| | | 10.2 / 0.0 | 71.0 | -- | 149.98 | 1/10/1994 | 34.39 | -- | 115.59 |
| | | 7.0 / 5.0 | 71.0 | -- | 149.98 | 4/11/1994 | 33.63 | -- | 116.35 |
| | | 22.0 / 2.0 | 71.0 | -- | 149.98 | 7/18/1994 | 33.10 | -- | 116.88 |
| | | 720.0 / 8.0 | 71.0 | -- | 149.98 | 10/10/1994 | 38.92 | -- | 111.06 |
| | | 232.0 / 10.0 | 71.0 | 69.8 | 149.98 | 1/16/1995 | 37.84 | 1.2 | 112.14 |
| | | 5.7 / 0.0 | 71.0 | 69.9 | 149.98 | 4/17/1995 | 32.22 | 1.1 | 117.76 |
| | | 3.7 / 0.0 | 71.0 | 69.8 | 149.98 | 7/10/1995 | 30.81 | 1.2 | 119.17 |
| | | 47.0 / 0.2 | 71.0 | 69.8 | 149.98 | 10/9/1995 | 34.45 | 1.2 | 115.53 |
| | | 151.0 / 1.3 | 71.0 | 70.1 | 149.98 | 1/29/1996 | 36.40 | 0.9 | 113.58 |
| | | 144.0 / 1.1 | 71.0 | 70.3 | 149.98 | 4/15/1996 | 33.10 | 0.7 | 116.88 |
| | | 3.9 / 1.4 | 71.0 | 70.3 | 149.98 | 7/15/1996 | 33.59 | 0.7 | 116.39 |
| | | 63.0 / 6.5 | 71.0 | -- | 149.98 | 10/7/1996 | 37.31 | -- | 112.67 |
| | | 223.0 / 1.7 | 71.0 | -- | 149.98 | 1/13/1997 | 35.66 | -- | 114.32 |
| | | 3.5 / 0.4 | 71.0 | -- | 149.98 | 4/15/1997 | 32.80 | -- | 117.18 |
| | | -- / -- | 71.0 | -- | 149.98 | 7/8/1997 | 32.73 | -- | 117.25 |
| | | 28.1 / 0.0 | 71.0 | -- | 149.98 | 10/14/1997 | 36.24 | -- | 113.74 |
| | | 227.0 / 0.0 | 71.0 | -- | 149.98 | 1/13/1998 | 38.02 | -- | 111.96 |
| | | 8748.0 / 0.1 | 71.0 | -- | 149.98 | 4/21/1998 | 33.03 | -- | 116.95 |
| | | 20.3 / 0.0 | 71.0 | -- | 150.17 | 7/14/1998 | 32.05 | -- | 118.12 |
| | | 142.0 / 0.0 | 71.0 | -- | 150.17 | 10/19/1998 | 34.61 | -- | 115.56 |
| | | 252.0 / 2.3 | 71.0 | -- | 150.17 | 1/19/1999 | 37.40 | -- | 112.77 |
| | | 37.2 / 0.0 | 71.0 | -- | 150.17 | 4/20/1999 | 37.50 | -- | 112.67 |
| | | 38.0 / 0.8 | 71.0 | -- | 150.17 | 7/20/1999 | 37.63 | -- | 112.54 |
| | | 20.1 / 0.0 | 71.0 | -- | 150.17 | 10/22/1999 | 45.29 | -- | 104.88 |
| | | 28.0 / 0.0 | 71.0 | -- | 150.17 | 1/25/2000 | 49.05 | -- | 101.12 |
| | | 32.0 / 0.0 | 71.0 | -- | 150.17 | 4/24/2000 | 42.73 | -- | 107.44 |
| | | 39.0 / 0.0 | 71 | -- | 150.17 | 10/17/2000 | 42.25 | -- | 107.92 |
| | | 39.0 / 0.0 | 71.0 | -- | 150.17 | 10/25/2000 | 42.25 | -- | 107.92 |
| | | 35.0 / 0.0 | 71 | -- | 150.17 | 4/17/2001 | 40.23 | -- | 109.94 |
| | | 35.0 / 0.0 | 71.0 | -- | 150.17 | 7/17/2001 | 39.70 | -- | 110.47 |
| | | 10.0 / 0.0 | 71 | -- | 150.17 | 10/16/2001 | 44.08 | -- | 106.09 |
| | | -- / -- | 71 | 70.1 | 150.17 | 1/15/2002 | 42.92 | 0.9 | 107.25 |
| | | 0.8 / 0.0 | 71 | 69.9 | 150.17 | 4/16/2002 | 42.42 | 1.1 | 107.75 |
| | | 0.6 / 0.0 | 71 | 70.3 | 150.17 | 7/24/2002 | 46.73 | 0.8 | 103.44 |
| | | 4.8 / 0.0 | 71 | 70.3 | 150.17 | 10/22/2002 | 50.20 | 0.8 | 99.97 |
| | | 1.1 / 0.1 | 71 | 70.3 | 150.17 | 1/24/2003 | 48.28 | 0.8 | 101.89 |
| | | 1.1 / 0.1 | 71 | 70.25 | 150.17 | 4/23/2003 | 48.28 | 0.8 | 101.89 |
| | | 5.1 / 0.1 | 71 | 70.17 | 150.17 | 7/29/2003 | 47.38 | 0.8 | 102.79 |
| | | 1.9 / 0.1 | 71 | 70.10 | 150.17 | 10/21/2003 | 53.17 | 0.9 | 97.00 |
| | | 2.2 / 0.0 | 71 | 70.20 | 150.17 | 1/21/2004 | 54.75 | 0.8 | 95.42 |
| | | 1.4 / 0.2 | 71 | 70.18 | 150.17 | 4/20/2004 | 54.10 | 0.8 | 96.07 |
| | | 0.9 / 0.4 | 71 | 70.02 | 150.17 | 7/20/2004 | 57.00 | 1.0 | 93.17 |
| | | 0.0 / 0.0 | 71 | 70.03 | 150.17 | 10/11/2004 | 60.77 | 1.0 | 89.40 |
| | | 0.0 / 0.0 | 71 | 69.59 | 149.70 | 1/26/2005 | 57.50 | 1.4 | 92.20 |
| | | 1.1 / 0.0 | 71 | 69.59 | 149.70 | 4/26/2005 | 47.57 | 1.4 | 102.13 |
| | | 1.9 / 0.0 | 71 | 69.58 | 149.70 | 7/26/2005 | 45.05 | 1.4 | 104.65 |
| | | 1.9 / 0.0 | 71 | 69.35 | 149.70 | 10/18/2005 | 46.20 | 1.7 | 103.50 |
| | | 6.3 / 1.3 | 71 | 69.65 | 149.70 | 1/25/2006 | 47.21 | 1.3 | 102.49 |
| | | 1.6 / 0.0 | 71 | 69.6 | 149.70 | 4/25/2006 | 44.35 | 1.4 | 105.35 |
| | | 0.7 / 0.0 | 71 | 69.65 | 149.70 | 7/25/2006 | 43.90 | 1.3 | 105.80 |
| | | 337 / 3.4 | 71 | 69.54 | 149.70 | 10/24/2006 | 46.12 | 1.5 | 103.58 |
| | | 1.5 / 0.0 | 71 | 69.60 | 149.70 | 1/17/2007 | 46.04 | 1.4 | 103.66 |
| | | 0.0 / 0.0 | 71 | 69.64 | 149.70 | 4/17/2007 | 44.70 | 1.4 | 105.00 |
| | | 3.1 / 0.0 | 71 | 69.70 | 149.70 | 7/24/2007 | 45.84 | 1.3 | 103.86 |
| | | 7.3 / 0.0 | 71 | 69.58 | 149.70 | 10/23/2007 | 52.02 | 1.4 | 97.68 |
| | | 1.1 / 0.0 | 71 | 69.54 | 149.70 | 1/29/2008 | 54.21 | 1.5 | 95.49 |
| | | 0.0 / 0.0 | 71 | 69.53 | 149.70 | 4/22/2008 | 51.07 | 1.5 | 98.63 |
| | | 0.2 / 0.2 | 71 | 69.68 | 149.70 | 7/28/2008 | 55.42 | 1.3 | 94.28 |
| MW-09 | 44-77 | 22.0 / 2.0 | 78.0 | 73.1 | 151.14 | 1/15/1989 | 55.59 | 4.9 | 95.55 |
| | | 56.0 / 0.0 | 77.0 | 78.5 | 151.14 | 4/25/1989 | 51.47 | -- | 99.67 |
| | | 42.0 / 0.0 | 77.0 | 74.0 | 151.14 | 7/17/1989 | 52.37 | 3.0 | 98.77 |
| | | 34.0 / 0.0 | 77.0 | 74.6 | 151.14 | 10/23/1989 | 55.52 | 2.4 | 95.62 |

# Table C-1
# Phibrotech, Inc.
# Groundwater Elevations

| Well ID | Perforated Intervals (feet bgs) | Well Headspace* (ppm) | Total Depth Constructed (feet bgs) | Total Depth Measured (feet below MP) | MP Elevation (feet MSL) | Date | Depth to Water (feet below MP) | Calculated Casing Fill (feet) | Groundwater Elevation (feet MSL) |
|---|---|---|---|---|---|---|---|---|---|
| MW-09 | 44-77 | 86.0 / 0.0 | 77.0 | 73.7 | 151.14 | 1/22/1990 | 54.83 | 3.3 | 96.31 |
| | | 45.0 / 0.0 | 77.0 | 73.6 | 151.14 | 4/9/1990 | 52.88 | 3.4 | 98.26 |
| | | 11.0 / 0.0 | 77.0 | 73.7 | 151.14 | 7/10/1990 | 51.36 | 3.3 | 99.78 |
| | | 34.0 / 0.0 | 77.0 | 73.3 | 151.03 | 10/15/1990 | 52.34 | 3.7 | 98.69 |
| | | 92.0 / 0.0 | 77.0 | 73.3 | 151.03 | 1/7/1991 | 52.99 | 3.7 | 98.04 |
| | | -- / -- | 77.0 | 76.9 | 151.03 | 4/8/1991 | 50.20 | 0.1 | 100.83 |
| | | 17.9 / 0.0 | 77.0 | 73.4 | 151.03 | 7/8/1991 | 49.15 | 3.6 | 101.88 |
| | | 57.8 / 0.0 | 77.0 | 74.2 | 151.03 | 10/21/1991 | 49.73 | 2.8 | 101.30 |
| | | 240.0 / 0.0 | 77.0 | 73.4 | 151.03 | 1/13/1992 | 47.41 | 3.6 | 103.62 |
| | | 52.5 / 0.0 | 77.0 | 73.4 | 151.03 | 3/30/1992 | 44.76 | 3.6 | 106.27 |
| | | 105.0 / 0.0 | 77.0 | 73.3 | 151.03 | 7/13/1992 | 44.10 | 3.7 | 106.93 |
| | | 75.4 / 0.0 | 77.0 | 73.4 | 151.03 | 10/13/1992 | 46.73 | 3.6 | 104.30 |
| | | -- / 0.0 | 77.0 | 73.0 | 151.03 | 1/19/1993 | 43.48 | 4.0 | 107.55 |
| | | 48.0 / 0.0 | 77.0 | 73.5 | 151.03 | 4/19/1993 | 35.77 | 3.5 | 115.26 |
| | | 0.0 / 0.0 | 77.0 | 73.3 | 151.03 | 7/12/1993 | 35.22 | 3.7 | 115.81 |
| | | 0.4 / 0.0 | 77.0 | 73.4 | 151.03 | 10/12/1993 | 35.24 | 3.6 | 115.79 |
| | | 79.0 / 11.0 | 77.0 | 73.4 | 151.03 | 1/10/1994 | 35.27 | 3.6 | 115.76 |
| | | 47.0 / 13.0 | 77.0 | 73.4 | 151.03 | 4/11/1994 | 34.52 | 3.6 | 116.51 |
| | | 10.3 / 8.4 | 77.0 | 73.2 | 151.03 | 7/18/1994 | 34.00 | 3.8 | 117.03 |
| | | 199.0 / 43.0 | 77.0 | 73.3 | 151.03 | 10/10/1994 | 39.86 | 3.7 | 111.17 |
| | | 49.0 / 4.1 | 77.0 | 73.4 | 151.03 | 1/16/1995 | 38.78 | 3.6 | 112.25 |
| | | 125.0 / 4.1 | 77.0 | 73.4 | 151.03 | 4/17/1995 | 33.11 | 3.6 | 117.92 |
| | | 116.0 / 10.6 | 77.0 | 73.3 | 151.03 | 7/10/1995 | 31.72 | 3.7 | 119.31 |
| | | 63.0 / 24.0 | 77.0 | 73.3 | 151.03 | 10/9/1995 | 35.36 | 3.7 | 115.67 |
| | | 345.0 / 0.0 | 73.5 | 73.5 | 152.96 | 1/29/1996 | 39.23 | 0.0 | 113.73 |
| | | 21.0 / 0.0 | 73.5 | 73.5 | 152.96 | 4/15/1996 | 35.96 | 0.0 | 117.00 |
| | | 32.0 / 25.0 | 73.5 | 73.5 | 152.96 | 7/15/1996 | 36.47 | 0.0 | 116.49 |
| | | 130.0 / 96.0 | 73.5 | 73.5 | 152.96 | 10/7/1996 | 40.23 | 0.0 | 112.73 |
| | | 129.0 / 52.0 | 73.5 | 73.5 | 152.96 | 1/13/1997 | 38.50 | 0.0 | 114.46 |
| | | 3.9 / 3.4 | 73.5 | 73.5 | 152.96 | 4/15/1997 | 35.67 | 0.0 | 117.29 |
| | | -- / -- | 73.5 | 73.5 | 152.96 | 7/8/1997 | 35.62 | 0.0 | 117.34 |
| | | 56.0 / 2.0 | 73.5 | 75.6 | 152.96 | 10/14/1997 | 39.21 | -- | 113.75 |
| | | 23.4 / 0.0 | 73.5 | 75.5 | 152.96 | 1/13/1998 | 40.90 | -- | 112.06 |
| | | 169.0 / 0.1 | 73.5 | 73.5 | 152.96 | 4/21/1998 | 35.89 | -- | 117.07 |
| | | 27.5 / 0.0 | 73.5 | 73.6 | 152.96 | 7/14/1998 | 34.70 | -- | 118.26 |
| | | 49.0 / 0.0 | 73.5 | 73.5 | 152.96 | 10/19/1998 | 37.47 | 0.0 | 115.49 |
| | | 45.9 / 1.0 | 73.5 | 73.4 | 152.96 | 1/19/1999 | 40.28 | 0.1 | 112.68 |
| | | 86.5 / 0.0 | 73.5 | 73.5 | 152.96 | 4/20/1999 | 40.19 | 0.0 | 112.77 |
| | | 15.1 / 0.8 | 73.5 | 73.5 | 152.96 | 7/20/1999 | 40.39 | 0.0 | 112.57 |
| | | 0.0 / 0.0 | 73.5 | 73.5 | 152.96 | 10/22/1999 | 48.05 | 0.0 | 104.91 |
| | | 29.0 / 0.0 | 73.5 | 73.5 | 152.96 | 1/25/2000 | 51.81 | 0.0 | 101.15 |
| | | 54.0 / 0.0 | 73.5 | 73.7 | 152.96 | 4/24/2000 | 45.40 | -- | 107.56 |
| | | 11.0 / 0.0 | 77 | 73.7 | 152.96 | 10/17/2000 | 45.15 | 3.3 | 107.81 |
| | | 11.0 / 0.0 | 73.5 | 73.7 | 152.96 | 10/25/2000 | 45.15 | -- | 107.81 |
| | | 9.1 / 0.0 | 77 | 73.5 | 152.96 | 4/17/2001 | 42.81 | 3.5 | 110.15 |
| | | 9.1 / 0.0 | 73.5 | 72.7 | 152.96 | 7/17/2001 | 42.33 | 0.8 | 110.63 |
| | | 7.0 / 0.0 | 77 | 75.6 | 152.96 | 10/16/2001 | 46.75 | 1.4 | 106.21 |
| | | 0.6 / 0.0 | 77 | 75.3 | 152.96 | 1/15/2002 | 45.57 | 1.7 | 107.39 |
| | | 2.8 / 0.0 | 77 | 72.5 | 152.96 | 4/16/2002 | 45.07 | 4.5 | 107.89 |
| | | 6.1 / 0.0 | 77 | 72.8 | 152.96 | 7/24/2002 | 49.45 | 4.2 | 103.51 |
| | | 12.0 / 0.1 | 77 | 72.8 | 152.96 | 10/22/2002 | 52.86 | 4.2 | 100.10 |
| | | 4.2 / 0.1 | 77 | 72.8 | 152.96 | 1/24/2003 | 50.94 | 4.2 | 102.02 |
| | | 4.0 / 0.5 | 77 | 75.64 | 152.96 | 4/23/2003 | 46.83 | 1.4 | 106.13 |
| | | 32.8 / 0.0 | 77 | 75.51 | 152.96 | 7/29/2003 | 50.07 | 1.5 | 102.89 |
| | | 21.1 / 0.0 | 77 | 75.62 | 152.96 | 10/21/2003 | 55.90 | 1.4 | 97.06 |
| | | 5.8 / 0.0 | 77 | 75.70 | 152.96 | 1/21/2004 | 57.56 | 1.3 | 95.40 |
| | | 2.2 / 0.2 | 77 | 75.63 | 152.96 | 4/20/2004 | 56.72 | 1.4 | 96.24 |
| | | 1.9 / 0.0 | 77 | 75.5 | 152.96 | 7/20/2004 | 59.67 | 1.5 | 93.29 |
| | | 0.0 / 0.0 | 77 | 75.48 | 152.96 | 10/11/2004 | 63.61 | 1.5 | 89.35 |
| | | 50.2 / 34.1 | 77 | 74.92 | 152.41 | 1/26/2005 | 60.03 | 2.1 | 92.38 |
| | | 19.6 / 1.0 | 77 | 74.97 | 152.41 | 4/26/2005 | 50.06 | 2.0 | 102.35 |
| | | 6.0 / 1.0 | 77 | 74.97 | 152.41 | 7/26/2005 | 47.61 | 2.0 | 104.80 |
| | | 21.7 / 0.0 | 77 | 74.7 | 152.41 | 10/18/2005 | 48.54 | 2.3 | 103.87 |
| | | 4.5 / 1.4 | 77 | 75.01 | 152.41 | 1/25/2006 | 49.89 | 2.0 | 102.52 |
| | | 4.9 / 0.0 | 77 | 75.05 | 152.41 | 4/25/2006 | 46.90 | 2.0 | 105.51 |
| | | 16.0 / 0.0 | 77 | 74.80 | 152.41 | 7/25/2006 | 46.47 | 2.2 | 105.94 |
| | | 17.1 / 0.5 | 77 | 75.13 | 152.41 | 10/24/2006 | 48.70 | 1.9 | 103.71 |
| | | 18.2 / 0.0 | 77 | 75.00 | 152.41 | 1/17/2007 | 48.60 | 2.0 | 103.81 |
| | | 7.1 / 0.0 | 77 | 75.05 | 152.41 | 4/17/2007 | 47.27 | 2.0 | 105.14 |

# Table C-1
# Phibrotech, Inc.
# Groundwater Elevations

| Well ID | Perforated Intervals (feet bgs) | Well Headspace* (ppm) | Total Depth Constructed (feet bgs) | Total Depth Measured (feet below MP) | MP Elevation (feet MSL) | Date | Depth to Water (feet below MP) | Calculated Casing Fill (feet) | Groundwater Elevation (feet MSL) |
|---|---|---|---|---|---|---|---|---|---|
| MW-09 | 44-77 | 6.5 / 0.0 | 77 | 75.08 | 152.41 | 7/24/2007 | 48.43 | 1.9 | 103.98 |
| | | 49.1 / 0.4 | 77 | 74.99 | 152.41 | 10/23/2007 | 54.69 | 2.0 | 97.72 |
| | | 0.0 / 0.0 | 77 | 74.86 | 152.41 | 1/29/2008 | 57.03 | 2.1 | 95.38 |
| | | 128.0 / 0.0 | 77 | 74.94 | 152.41 | 4/22/2008 | 53.68 | 2.1 | 98.73 |
| | | 0.4 / 0.1 | 77 | 75.02 | 152.41 | 7/28/2008 | 58.17 | 2.0 | 94.24 |
| MW-10 | 45-75 | 135.0 / 1.0 | 75.0 | 73.9 | 151.60 | 1/15/1989 | 55.89 | 1.1 | 95.71 |
| | | -- / -- | 75.0 | -- | 151.60 | 4/25/1989 | 52.06 | -- | 99.54 |
| | | 107.0 / 0.0 | 75.0 | 75.0 | 151.60 | 7/17/1989 | 52.94 | 0.0 | 98.66 |
| | | 0.0 / 0.0 | 75.0 | 74.6 | 151.60 | 10/23/1989 | 56.26 | 0.4 | 95.34 |
| | | 153.0 / 0.0 | 75.0 | 74.4 | 151.60 | 1/22/1990 | 55.35 | 0.6 | 96.25 |
| | | 76.0 / 0.0 | 75.0 | 74.1 | 151.60 | 4/9/1990 | 53.50 | 0.9 | 98.10 |
| | | 127.0 / 0.0 | 75.0 | 74.4 | 151.60 | 7/10/1990 | 51.86 | 0.6 | 99.74 |
| | | 192.0 / 0.0 | 75.0 | 74.2 | 151.62 | 10/15/1990 | 53.00 | 0.8 | 98.62 |
| | | 185.0 / 0.0 | 75.0 | 74.1 | 151.62 | 1/7/1991 | 53.64 | 1.0 | 97.98 |
| | | -- / -- | 75.0 | -- | 151.62 | 1/19/1993 | 44.06 | -- | 107.56 |
| | | 8.0 / 0.0 | 75.0 | -- | 151.62 | 4/19/1993 | 36.34 | -- | 115.28 |
| | | 0.0 / 0.0 | 75.0 | -- | 151.62 | 7/12/1993 | 35.80 | -- | 115.82 |
| | | 2.5 / 0.0 | 75.0 | -- | 151.62 | 10/12/1993 | 35.79 | -- | 115.83 |
| | | 137.0 / 0.0 | 75.0 | -- | 151.62 | 1/10/1994 | 35.88 | -- | 115.74 |
| | | 157.0 / 0.2 | 75.0 | -- | 151.62 | 4/11/1994 | 35.12 | -- | 116.50 |
| | | 61.3 / 0.6 | 75.0 | -- | 151.62 | 7/18/1994 | 34.60 | -- | 117.02 |
| | | 687.0 / 6.0 | 75.0 | -- | 151.62 | 10/10/1994 | 40.47 | -- | 111.15 |
| | | 85.0 / 8.8 | 75.0 | 73.9 | 151.62 | 1/16/1995 | 39.39 | 1.1 | 112.23 |
| | | 0.5 / 0.0 | 75.0 | 74.2 | 151.62 | 4/17/1995 | 33.73 | 0.8 | 117.89 |
| | | 83.0 / 0.0 | 75.0 | 74.0 | 151.62 | 7/10/1995 | 32.33 | 1.0 | 119.29 |
| | | 56.0 / 0.2 | 75.0 | 74.1 | 151.62 | 10/9/1995 | 35.99 | 0.9 | 115.63 |
| | | 0.0 / 0.0 | 75.0 | 74.5 | 153.89 | 1/29/1996 | 40.19 | 0.5 | 113.70 |
| | | 154.0 / 0.0 | 75.0 | 74.5 | 153.89 | 4/15/1996 | 36.86 | 0.5 | 117.03 |
| | | 98.0 / 1.0 | 75.0 | 74.5 | 153.89 | 7/15/1996 | 37.43 | 0.5 | 116.46 |
| | | 7.3 / 1.0 | 75.0 | -- | 153.89 | 10/7/1996 | 41.16 | -- | 112.73 |
| | | 9.3 / 1.7 | 75.0 | -- | 153.89 | 1/13/1997 | 39.47 | -- | 114.42 |
| | | 10.0 / 0.9 | 75.0 | -- | 153.89 | 4/15/1997 | 36.62 | -- | 117.27 |
| | | -- / -- | 75.0 | -- | 153.89 | 7/8/1997 | 36.54 | -- | 117.35 |
| | | 41.1 / 0.0 | 75.0 | -- | 153.89 | 10/14/1997 | 40.10 | -- | 113.79 |
| | | 4.8 / 0.0 | 75.0 | -- | 153.89 | 1/13/1998 | 41.89 | -- | 112.00 |
| | | 107.0 / 0.1 | 75.0 | -- | 153.89 | 4/21/1998 | 36.84 | -- | 117.05 |
| | | 66.0 / 0.0 | 75.0 | -- | 153.89 | 7/14/1998 | 35.65 | -- | 118.24 |
| | | 43.0 / 0.0 | 75.0 | -- | 153.89 | 10/19/1998 | 38.26 | -- | 115.63 |
| | | 23.7 / 3.5 | 75.0 | -- | 153.89 | 1/19/1999 | 41.09 | -- | 112.80 |
| | | 71.8 / 0.0 | 75.0 | -- | 153.89 | 4/20/1999 | 41.08 | -- | 112.81 |
| | | 29.3 / 1.4 | 75.0 | -- | 153.89 | 7/20/1999 | 41.24 | -- | 112.65 |
| | | 16.7 / 0.0 | 75.0 | -- | 153.89 | 10/22/1999 | 49.01 | -- | 104.88 |
| | | 2.0 / 0.0 | 75.0 | -- | 153.89 | 1/25/2000 | 52.76 | -- | 101.13 |
| | | 8.2 / 0.0 | 75.0 | -- | 153.89 | 4/24/2000 | 46.41 | -- | 107.48 |
| | | 11.0 / 0.0 | 75 | -- | 153.89 | 10/17/2000 | 46.09 | -- | 107.80 |
| | | 11.0 / 0.0 | 75.0 | -- | 153.89 | 10/25/2000 | 46.09 | -- | 107.80 |
| | | 8.3 / 0.0 | 75 | -- | 153.89 | 4/17/2001 | 43.76 | -- | 110.13 |
| | | 8.3 / 0.0 | 75.0 | -- | 153.89 | 7/17/2001 | 43.30 | -- | 110.59 |
| | | -- / -- | 75 | 76.1 | 153.89 | 1/15/2002 | 46.40 | -- | 107.49 |
| | | 4.6 / 0.0 | 75 | 74.0 | 153.89 | 4/16/2002 | 46.02 | 1.0 | 107.87 |
| | | 0.0 / 0.0 | 75 | 76.4 | 153.89 | 7/24/2002 | 50.38 | -- | 103.51 |
| | | 1.0 / 0.0 | 75 | 76.4 | 153.89 | 10/22/2002 | 53.84 | -- | 100.05 |
| | | 2.8 / 0.1 | 75 | 76.4 | 153.89 | 1/24/2003 | 51.88 | -- | 102.01 |
| | | 1.0 / 0.5 | 75 | 76.17 | 153.89 | 4/23/2003 | 47.77 | -- | 106.12 |
| | | 0.8 / 0.0 | 75 | 76.20 | 153.89 | 7/29/2003 | 51.04 | -- | 102.85 |
| | | 1.8 / 0.0 | 75 | 76.15 | 153.89 | 10/21/2003 | 56.88 | -- | 97.01 |
| | | 0.7 / 0.0 | 75 | 76.32 | 153.89 | 1/21/2004 | 58.40 | -- | 95.49 |
| | | 1.4 / 1.0 | 75 | 76.26 | 153.89 | 4/20/2004 | 57.58 | -- | 96.31 |
| | | 1.4 / 0.0 | 75 | 76.25 | 153.89 | 7/20/2004 | 60.55 | -- | 93.34 |
| | | 0.0 / 0.0 | 75 | 76.2 | 153.89 | 10/11/2004 | 64.57 | -- | 89.32 |
| | | 5.5 / 0.9 | 75 | 76.04 | 153.64 | 1/26/2005 | 61.19 | -- | 92.45 |
| | | 0.6 / 0.0 | 75 | 75.88 | 153.64 | 4/26/2005 | 51.30 | -- | 102.34 |
| | | 0.4 / 0.0 | 75 | 75.75 | 153.64 | 7/26/2005 | 48.79 | -- | 104.85 |
| | | 5.7 / 0.2 | 75 | 75.71 | 153.64 | 10/18/2005 | 50.35 | -- | 103.29 |
| | | 0.8 / 0.8 | 75 | 75.94 | 153.64 | 1/25/2006 | 51.04 | -- | 102.60 |
| | | 0.8 / 0.0 | 75 | 76.01 | 153.64 | 4/25/2006 | 48.13 | -- | 105.51 |
| | | 0.0 / 0.0 | 75 | 76.00 | 153.64 | 7/25/2006 | 47.77 | -- | 105.87 |
| | | 1.0 / 0.2 | 75 | 75.98 | 153.64 | 10/24/2006 | 50.00 | -- | 103.64 |

# Table C-1
# Phibrotech, Inc.
# Groundwater Elevations

| Well ID | Perforated Intervals (feet bgs) | Well Headspace* (ppm) | Total Depth Constructed (feet bgs) | Total Depth Measured (feet below MP) | MP Elevation (feet MSL) | Date | Depth to Water (feet below MP) | Calculated Casing Fill (feet) | Groundwater Elevation (feet MSL) |
|---|---|---|---|---|---|---|---|---|---|
| MW-10 | 45-75 | 2.4 / 0.0 | 75 | 76.05 | 153.64 | 1/17/2007 | 49.85 | -- | 103.79 |
| | | 0.0 / 0.0 | 75 | 76.00 | 153.64 | 4/17/2007 | 48.48 | -- | 105.16 |
| | | 0.0 / 0.0 | 75 | 76.05 | 153.64 | 7/24/2007 | 49.68 | -- | 103.96 |
| | | 10.8 / 0.2 | 75 | 73.00 | 153.64 | 10/24/2007 | 56.11 | 2.0 | 97.53 |
| | | 0.4 / 0.4 | 75 | 73.52 | 153.64 | 1/29/2008 | 58.18 | 1.5 | 95.46 |
| | | 11.9 / 0.0 | 75 | 75.90 | 153.64 | 4/22/2008 | 54.46 | -- | 99.18 |
| | | 0.2 / 0.2 | 75 | 75.90 | 153.64 | 7/28/2008 | 59.36 | -- | 94.28 |
| MW-11 | 55-75 | 337.0 / 2.0 | 76.0 | 75.7 | 152.80 | 1/15/1989 | 56.83 | 0.3 | 95.97 |
| | | 63.0 / 0.0 | 75.5 | 73.0 | 152.80 | 4/25/1989 | 52.95 | 2.5 | 99.85 |
| | | 0.0 / 0.0 | 75.5 | 74.2 | 152.80 | 7/17/1989 | 53.85 | 1.3 | 98.95 |
| | | 218.0 / 0.0 | 75.5 | 75.2 | 152.80 | 10/23/1989 | 57.03 | 0.3 | 95.77 |
| | | 125.0 / 0.0 | 75.5 | 75.0 | 152.80 | 1/22/1990 | 56.21 | 0.5 | 96.59 |
| | | 56.0 / 0.0 | 75.5 | 74.7 | 152.80 | 4/9/1990 | 54.36 | 0.8 | 98.44 |
| | | 28.0 / 0.0 | 75.5 | 74.9 | 152.80 | 7/10/1990 | 52.80 | 0.6 | 100.00 |
| | | 49.0 / 0.0 | 75.5 | 74.7 | 152.81 | 10/15/1990 | 53.84 | 0.8 | 98.97 |
| | | 52.0 / 0.0 | 75.5 | 74.7 | 152.81 | 1/7/1991 | 54.52 | 0.8 | 98.29 |
| | | -- / -- | 75.5 | 76.4 | 152.81 | 4/8/1991 | 51.64 | -- | 101.17 |
| | | 35.8 / 0.0 | 75.5 | 74.5 | 152.81 | 7/8/1991 | 50.62 | 1.0 | 102.19 |
| | | 45.5 / 0.0 | 75.5 | 75.0 | 152.81 | 10/21/1991 | 51.20 | 0.5 | 101.61 |
| | | 1.8 / 0.0 | 75.5 | 74.5 | 152.81 | 1/13/1992 | 48.72 | 1.0 | 104.09 |
| | | 3.9 / 0.0 | 75.5 | 74.8 | 152.81 | 3/30/1992 | 46.20 | 0.7 | 106.61 |
| | | 2.4 / 0.0 | 75.5 | 74.3 | 152.81 | 7/13/1992 | 45.69 | 1.2 | 107.12 |
| | | 34.2 / 0.0 | 75.5 | 72.4 | 152.81 | 10/13/1992 | 48.26 | 3.1 | 104.55 |
| | | -- / 0.0 | 75.5 | 74.5 | 152.81 | 1/19/1993 | 44.54 | 1.0 | 108.27 |
| | | 0.0 / 0.0 | 75.5 | 74.6 | 152.81 | 4/19/1993 | 37.21 | 0.9 | 115.60 |
| | | 0.0 / 0.0 | 75.5 | 74.1 | 152.81 | 7/12/1993 | 36.74 | 1.4 | 116.07 |
| | | 0.2 / 0.0 | 75.5 | 74.3 | 152.81 | 10/12/1993 | 36.80 | 1.2 | 116.01 |
| | | 0.2 / 0.0 | 75.5 | 74.3 | 152.81 | 1/10/1994 | 36.78 | 1.2 | 116.03 |
| | | 0.2 / 0.0 | 75.5 | 74.1 | 152.81 | 4/11/1994 | 35.98 | 1.4 | 116.83 |
| | | 12.0 / 3.9 | 75.5 | 74.2 | 152.81 | 7/18/1994 | 35.58 | 1.3 | 117.23 |
| | | 8.8 / 4.1 | 75.5 | 74.1 | 152.81 | 10/10/1994 | 41.51 | 1.4 | 111.30 |
| | | 13.0 / 0.7 | 75.5 | 74.0 | 152.81 | 1/16/1995 | 40.28 | 1.5 | 112.53 |
| | | 18.2 / 0.0 | 75.5 | 74.2 | 152.81 | 4/17/1995 | 34.55 | 1.3 | 118.26 |
| | | 0.0 / 0.0 | 75.5 | 74.0 | 152.81 | 7/10/1995 | 33.30 | 1.5 | 119.51 |
| | | 2.0 / 0.0 | 75.5 | 74.0 | 152.81 | 10/9/1995 | 37.01 | 1.5 | 115.80 |
| | | 104.0 / 0.0 | 75.5 | 74.1 | 152.81 | 1/29/1996 | 38.83 | 1.4 | 113.98 |
| | | 25.0 / 0.0 | 75.5 | 74.2 | 152.81 | 4/15/1996 | 35.44 | 1.3 | 117.37 |
| | | 1355.0 / 1255.0 | 75.5 | 74.3 | 152.81 | 7/15/1996 | 36.06 | 1.2 | 116.75 |
| | | 35.0 / 2.7 | 75.5 | 74.2 | 152.81 | 10/7/1996 | 39.86 | 1.3 | 112.95 |
| | | 3.1 / 1.3 | 75.5 | 74.3 | 152.81 | 1/13/1997 | 38.03 | 1.2 | 114.78 |
| | | 2.6 / 1.7 | 75.5 | 74.3 | 152.81 | 4/15/1997 | 35.21 | 1.2 | 117.60 |
| | | -- / -- | 75.5 | 74.1 | 152.81 | 7/8/1997 | 35.20 | 1.4 | 117.61 |
| | | 48.0 / 0.0 | 75.5 | 74.0 | 152.81 | 10/14/1997 | 38.79 | 1.5 | 114.02 |
| | | 56.5 / 0.0 | 75.5 | 74.0 | 152.81 | 1/13/1998 | 40.58 | 1.5 | 112.23 |
| | | 3.5 / 0.0 | 75.5 | 74.0 | 152.81 | 4/21/1998 | 35.45 | 1.5 | 117.36 |
| | | 4.0 / 0.0 | 75.5 | 74.1 | 155.76 | 7/14/1998 | 37.19 | 1.5 | 118.57 |
| | | 2.9 / 1.4 | 75.5 | 74.1 | 155.76 | 10/19/1998 | 39.85 | 1.4 | 115.91 |
| | | 45.5 / 2.7 | 75.5 | 74.1 | 155.76 | 1/19/1999 | 42.71 | 1.5 | 113.05 |
| | | 79.2 / 1.1 | 75.5 | 73.8 | 155.76 | 4/20/1999 | 42.62 | 1.7 | 113.14 |
| | | 6.4 / 2.4 | 75.5 | 73.8 | 155.76 | 7/20/1999 | 42.88 | 1.7 | 112.88 |
| | | 3.8 / 0.0 | 75.5 | 74.2 | 155.76 | 10/22/1999 | 50.71 | 1.3 | 105.05 |
| | | 0.0 / 0.0 | 75.5 | 74.4 | 155.76 | 1/25/2000 | 54.45 | 1.1 | 101.31 |
| | | 2.0 / 0.0 | 75.5 | 74.1 | 155.76 | 4/24/2000 | 47.85 | 1.5 | 107.91 |
| | | 2.1 / 0.0 | 75.5 | 74.1 | 155.76 | 10/17/2000 | 47.70 | 1.5 | 108.06 |
| | | 2.1 / 0.0 | 75.5 | 74.1 | 155.76 | 10/25/2000 | 47.70 | 1.5 | 108.06 |
| | | 1.4 / 0.5 | 75.5 | 74.1 | 155.76 | 4/17/2001 | 45.29 | 1.4 | 110.47 |
| | | 1.4 / 0.5 | 75.5 | 73.8 | 155.76 | 7/17/2001 | 44.90 | 1.7 | 110.86 |
| | | 0.0 / 0.0 | 75.5 | 77.0 | 155.76 | 10/16/2001 | 49.34 | -- | 106.42 |
| | | 0.0 / 0.0 | 75.5 | 76.8 | 155.76 | 1/15/2002 | 48.00 | -- | 107.76 |
| | | 0.3 / 0.0 | 75.5 | 73.9 | 155.76 | 4/16/2002 | 47.56 | 1.6 | 108.20 |
| | | 3.2 / 0.0 | 75.5 | 75.1 | 155.76 | 7/24/2002 | 52.00 | 0.4 | 103.76 |
| | | 3.4 / 0.1 | 75.5 | 75.1 | 155.76 | 10/22/2002 | 55.44 | 0.4 | 100.32 |
| | | 22.8 / 0.1 | 75.5 | 75.1 | 155.76 | 1/24/2003 | 53.28 | 0.4 | 102.48 |
| | | 1.7 / 0.0 | 75.5 | 76.93 | 155.76 | 4/23/2003 | 49.35 | -- | 106.41 |
| | | 5.6 / 0.0 | 75.5 | 77.08 | 155.76 | 7/29/2003 | 52.68 | -- | 103.08 |
| | | 1.9 / 0.0 | 75.5 | 76.90 | 155.76 | 10/21/2003 | 58.53 | -- | 97.23 |
| | | 0.0 / 0.0 | 75.5 | 76.93 | 155.76 | 1/21/2004 | 59.97 | -- | 95.79 |
| | | 2.6 / 0.2 | 75.5 | 76.9 | 155.76 | 4/20/2004 | 59.11 | -- | 96.65 |

# Table C-1
# Phibrotech, Inc.
# Groundwater Elevations

| Well ID | Perforated Intervals (feet bgs) | Well Headspace* (ppm) | Total Depth Constructed (feet bgs) | Total Depth Measured (feet below MP) | MP Elevation (feet MSL) | Date | Depth to Water (feet below MP) | Calculated Casing Fill (feet) | Groundwater Elevation (feet MSL) |
|---|---|---|---|---|---|---|---|---|---|
| MW-11 | 55-75 | 6.7 / 0.0 | 75.5 | 76.8 | 155.76 | 7/20/2004 | 62.30 | -- | 93.46 |
| | | 2.0 / 0.0 | 75.5 | 76.71 | 155.76 | 10/11/2004 | 66.32 | -- | 89.44 |
| | | 0.9 / 0.0 | 75.5 | 76.55 | 155.45 | 1/26/2005 | 62.60 | -- | 92.85 |
| | | 20.1 / 0.0 | 75.5 | 76.45 | 155.45 | 4/26/2005 | 52.75 | -- | 102.70 |
| | | 3.7 / 0.0 | 75.5 | 76.38 | 155.45 | 7/26/2005 | 50.26 | -- | 105.19 |
| | | 27.4 / 0.0 | 75.5 | 76.14 | 155.45 | 10/18/2005 | 51.35 | -- | 104.10 |
| | | 1.3 / 1.0 | 75.5 | 76.54 | 155.45 | 1/25/2006 | 52.62 | -- | 102.83 |
| | | 2.4 / 0.0 | 75.5 | 76.5 | 155.45 | 4/25/2006 | 49.50 | -- | 105.95 |
| | | 6.5 / 0.0 | 75.5 | 76.43 | 155.45 | 7/25/2006 | 49.25 | -- | 106.20 |
| | | 181.0 / 26.0 | 75.5 | 76.42 | 155.45 | 10/24/2006 | 51.51 | -- | 103.94 |
| | | 5.1 / 0.0 | 75.5 | 76.40 | 155.45 | 1/17/2007 | 51.32 | -- | 104.13 |
| | | 5.1 / 0.0 | 75.5 | 76.40 | 155.45 | 4/17/2007 | 49.97 | -- | 105.48 |
| | | 9.4 / 0.0 | 75.5 | 76.38 | 155.45 | 7/24/2007 | 51.20 | -- | 104.25 |
| | | 17.3 / 0.8 | 75.5 | 76.34 | 155.45 | 10/23/2007 | 57.58 | -- | 97.87 |
| | | 2.1 / 0.1 | 75.5 | 76.00 | 155.45 | 1/29/2008 | 59.50 | -- | 95.95 |
| | | 2.2 / 0.0 | 75.5 | 76.28 | 155.45 | 4/22/2008 | 56.40 | -- | 99.05 |
| | | 0.8 / 0.2 | 75.5 | 76.29 | 155.45 | 7/28/2008 | 60.90 | -- | 94.55 |
| MW-12D | 84.5-100 | 1.0 / 0.0 | 101.0 | 101.9 | 152.63 | 10/15/1990 | 53.33 | -- | 99.30 |
| | | 0.0 / 0.0 | 101.0 | 99.5 | 152.63 | 1/7/1991 | 53.93 | 1.5 | 98.70 |
| | | 20.0 / 0.0 | 101.0 | -- | 152.63 | 1/13/1992 | 48.22 | -- | 104.41 |
| | | 222.0 / 0.0 | 101.0 | -- | 152.63 | 3/30/1992 | 45.65 | -- | 106.98 |
| | | 2.4 / 0.0 | 101.0 | -- | 152.63 | 7/13/1992 | 45.04 | -- | 107.59 |
| | | 32.5 / 0.0 | 101.0 | -- | 152.63 | 10/13/1992 | 47.67 | -- | 104.96 |
| | | -- / 0.0 | 101.0 | -- | 152.63 | 1/19/1993 | 44.30 | -- | 108.33 |
| | | 0.0 / 0.0 | 101.0 | -- | 152.63 | 4/19/1993 | 36.73 | -- | 115.90 |
| | | 0.0 / 0.0 | 101.0 | -- | 152.63 | 7/12/1993 | 36.35 | -- | 116.28 |
| | | 1.0 / 0.0 | 101.0 | -- | 152.63 | 10/12/1993 | 36.32 | -- | 116.31 |
| | | 1.0 / 0.0 | 101.0 | -- | 152.63 | 1/10/1994 | 36.31 | -- | 116.32 |
| | | 0.7 / 0.2 | 101.0 | -- | 152.63 | 4/11/1994 | 35.60 | -- | 117.03 |
| | | 38.0 / 4.0 | 101.0 | -- | 152.63 | 7/18/1994 | 35.15 | -- | 117.48 |
| | | 695.0 / 495.0 | 101.0 | -- | 152.63 | 10/10/1994 | 41.04 | -- | 111.59 |
| | | 1.2 / 0.0 | 101.0 | 99.6 | 152.63 | 1/16/1995 | 39.66 | 1.4 | 112.97 |
| | | 0.0 / 0.0 | 101.0 | 99.8 | 152.63 | 4/17/1995 | 34.07 | 1.2 | 118.56 |
| | | 1.1 / 1.0 | 101.0 | 99.5 | 152.63 | 7/10/1995 | 32.77 | 1.5 | 119.86 |
| | | 0.5 / 0.0 | 101.0 | 99.6 | 152.63 | 10/9/1995 | 36.46 | 1.4 | 116.17 |
| | | 0.0 / 0.0 | 101.0 | 99.8 | 152.63 | 1/29/1996 | 38.22 | 1.2 | 114.41 |
| | | 1.6 / 0.0 | 101.0 | 99.9 | 152.63 | 4/15/1996 | 34.94 | 1.1 | 117.69 |
| | | 7.4 / 0.4 | 101.0 | 99.8 | 152.63 | 7/15/1996 | 35.56 | 1.2 | 117.07 |
| | | 271.0 / 2.4 | 101.0 | -- | 152.63 | 10/7/1996 | 39.33 | -- | 113.30 |
| | | 29.0 / 18.0 | 101.0 | -- | 152.63 | 1/13/1997 | 37.42 | -- | 115.21 |
| | | 2.6 / 1.5 | 101.0 | -- | 152.63 | 4/15/1997 | 34.68 | -- | 117.95 |
| | | -- / -- | 101.0 | -- | 152.63 | 7/8/1997 | 34.69 | -- | 117.94 |
| | | 1.3 / 0.0 | 101.0 | -- | 152.63 | 10/14/1997 | 38.18 | -- | 114.45 |
| | | 0 / 0.0 | 101.0 | -- | 152.63 | 1/13/1998 | 39.94 | -- | 112.69 |
| | | 1.3 / 0.0 | 101.0 | -- | 152.63 | 4/21/1998 | 34.85 | -- | 117.78 |
| | | 0.4 / 0.0 | 101.0 | -- | 155.72 | 7/14/1998 | 36.93 | -- | 118.79 |
| | | 2.9 / 1.4 | 101.0 | -- | 155.72 | 10/19/1998 | 39.59 | -- | 116.13 |
| | | - | 101.0 | -- | 155.72 | 1/19/1999 | 42.35 | -- | 113.37 |
| | | 1.0 / 0.0 | 101.0 | -- | 155.72 | 4/20/1999 | 42.22 | -- | 113.50 |
| | | 1.7 / 1.4 | 101.0 | -- | 155.72 | 7/20/1999 | 42.58 | -- | 113.14 |
| | | 0.0 / 0.0 | 101.0 | -- | 155.72 | 10/22/1999 | 50.32 | -- | 105.40 |
| | | 0.0 / 0.0 | 101.0 | -- | 155.72 | 1/25/2000 | 53.93 | -- | 101.79 |
| | | 0.0 / 0.0 | 101.0 | -- | 155.72 | 4/24/2000 | 47.49 | -- | 108.23 |
| | | 0.0 / 0.0 | 101.0 | -- | 155.72 | 10/17/2000 | 47.34 | -- | 108.38 |
| | | 0.0 / 0.0 | 101.0 | -- | 155.72 | 10/25/2000 | 47.34 | -- | 108.38 |
| | | 0.0 / 0.0 | 101.0 | -- | 155.72 | 4/17/2001 | 44.95 | -- | 110.77 |
| | | 0.0 / 0.0 | 101.0 | -- | 155.72 | 7/17/2001 | 44.95 | -- | 110.77 |
| | | 0.0 / 0.0 | 101.0 | -- | 155.72 | 10/16/2001 | 48.33 | -- | 107.39 |
| | | -- / -- | 101.0 | 102.6 | 155.72 | 1/15/2002 | 47.67 | -- | 108.05 |
| | | 0.0 / 0.0 | 101.0 | 99.6 | 155.72 | 4/16/2002 | 47.27 | 1.4 | 108.45 |
| | | 0.6 / 0.0 | 101.0 | 99.7 | 155.72 | 7/24/2002 | 51.65 | 1.3 | 104.07 |
| | | 10.2 / 0.0 | 101.0 | 99.7 | 155.72 | 10/22/2002 | 55.08 | 1.3 | 100.64 |
| | | 0.1 / 0.1 | 101.0 | 99.7 | 155.72 | 1/24/2003 | 52.91 | 1.3 | 102.81 |
| | | 1.1 / 0.1 | 101.0 | 102.85 | 155.72 | 4/23/2003 | 49.07 | -- | 106.65 |
| | | 0.0 / 0.0 | 101.0 | 102.87 | 155.72 | 7/29/2003 | 52.35 | -- | 103.37 |
| | | 0.0 / 0.0 | 101.0 | 102.75 | 155.72 | 10/21/2003 | 58.20 | -- | 97.52 |
| | | 0.0 / 0.0 | 101.0 | 102.83 | 155.72 | 1/21/2004 | 59.69 | -- | 96.03 |
| | | 0.2 / 0.2 | 101.0 | 102.88 | 155.72 | 4/20/2004 | 58.88 | -- | 96.84 |

# Table C-1
# Phibrotech, Inc.
# Groundwater Elevations

| Well ID | Perforated Intervals (feet bgs) | Well Headspace* (ppm) | Total Depth Constructed (feet bgs) | Total Depth Measured (feet below MP) | MP Elevation (feet MSL) | Date | Depth to Water (feet below MP) | Calculated Casing Fill (feet) | Groundwater Elevation (feet MSL) |
|---|---|---|---|---|---|---|---|---|---|
| MW-12D | 84.5-100 | 0.0 / 0.0 | 101.0 | 102.75 | 155.72 | 7/20/2004 | 61.98 | -- | 93.74 |
| | | 0.0 / 0.0 | 101.0 | 107.72 | 155.72 | 10/11/2004 | 65.79 | -- | 89.93 |
| | | 1.4 / 0.0 | 101.0 | 102.20 | 155.09 | 1/26/2005 | 61.89 | -- | 93.20 |
| | | 0.0 / 0.0 | 101.0 | 102.13 | 155.09 | 4/26/2005 | 52.10 | -- | 102.99 |
| | | 0.0 / 0.0 | 101.0 | 102.03 | 155.09 | 7/26/2005 | 49.64 | -- | 105.45 |
| | | 0.0 / 0.0 | 101.0 | 102.02 | 155.09 | 10/18/2005 | 50.61 | -- | 104.48 |
| | | 0.9 / 0.9 | 101.0 | 102.23 | 155.09 | 1/25/2006 | 51.92 | -- | 103.17 |
| | | 0.0 / 0.8 | 101.0 | 102.25 | 155.09 | 4/25/2006 | 48.85 | -- | 106.24 |
| | | 0.0 / 0.0 | 101.0 | 102.11 | 155.09 | 7/25/2006 | 48.60 | -- | 106.49 |
| | | 0.0 / 0.0 | 101.0 | 102.03 | 155.09 | 10/24/2006 | 50.85 | -- | 104.24 |
| | | 1.1 / 0.0 | 101.0 | 102.14 | 155.09 | 1/17/2007 | 50.58 | -- | 104.51 |
| | | 0.0 / 0.0 | 101.0 | 102.19 | 155.09 | 4/17/2007 | 49.30 | -- | 105.79 |
| | | 0.0 / 0.0 | 101.0 | 102.20 | 155.09 | 7/24/2007 | 50.60 | -- | 104.49 |
| | | 20.1 / 2.1 | 101.0 | 102.16 | 155.09 | 10/23/2007 | 56.91 | -- | 98.18 |
| | | 0.2 / 0.0 | 101.0 | 101.93 | 155.09 | 1/29/2008 | 58.92 | -- | 96.17 |
| | | 0.0 / 0.0 | 101.0 | 102.04 | 155.09 | 4/22/2008 | 55.72 | -- | 99.37 |
| | | 0.2 / 0.2 | 101.0 | 102.03 | 155.09 | 7/28/2008 | 60.27 | -- | 94.82 |
| MW-12S | 51-72 | 7.0 / 0.0 | 72.0 | 73.2 | 152.64 | 10/15/1990 | 53.36 | -- | 99.28 |
| | | 10.0 / 0.0 | 72.0 | 71.8 | 152.64 | 1/7/1991 | 53.80 | 0.2 | 98.84 |
| | | 11.3 / 0.0 | 72.0 | -- | 152.64 | 1/13/1992 | 48.24 | -- | 104.40 |
| | | 205.0 / 0.0 | 72.0 | -- | 152.64 | 3/30/1992 | 45.64 | -- | 107.00 |
| | | 6.9 / 0.0 | 72.0 | -- | 152.64 | 7/13/1992 | 45.10 | -- | 107.54 |
| | | 42.0 / 0.0 | 72.0 | -- | 152.64 | 10/13/1992 | 47.68 | -- | 104.96 |
| | | 3.1 / 0.0 | 72.0 | -- | 152.64 | 1/19/1993 | 44.30 | -- | 108.34 |
| | | 0.0 / 0.0 | 72.0 | -- | 152.64 | 4/19/1993 | 36.73 | -- | 115.91 |
| | | 0.0 / 0.0 | 72.0 | -- | 152.64 | 7/12/1993 | 36.30 | -- | 116.34 |
| | | 0.4 / 0.0 | 72.0 | -- | 152.64 | 10/12/1993 | 30.27* | -- | |
| | | 0.0 / 0.0 | 72.0 | -- | 152.64 | 1/10/1994 | 36.24 | -- | 116.40 |
| | | 1.0 / 1.0 | 72.0 | -- | 152.64 | 4/11/1994 | 35.53 | -- | 117.11 |
| | | 11.7 / 8.5 | 72.0 | -- | 152.64 | 7/18/1994 | 35.08 | -- | 117.56 |
| | | 8.3 / 4.0 | 72.0 | -- | 152.64 | 10/10/1994 | 40.94 | -- | 111.70 |
| | | 54.0 / 6.7 | 72.0 | 71.5 | 152.64 | 1/16/1995 | 39.70 | 0.5 | 112.94 |
| | | 1.9 / 0.0 | 72.0 | 72.0 | 152.64 | 4/17/1995 | 34.06 | 0.0 | 118.58 |
| | | 73.0 / 49.0 | 72.0 | 71.8 | 152.64 | 7/10/1995 | 32.80 | 0.2 | 119.84 |
| | | 7.2 / 0.0 | 72.0 | 71.9 | 152.64 | 10/9/1995 | 36.55 | 0.1 | 116.09 |
| | | 17.0 / 0.0 | 72.0 | 72.2 | 152.64 | 1/29/1996 | 38.21 | -- | 114.43 |
| | | 15.0 / 0.0 | 72.0 | 72.2 | 152.64 | 4/15/1996 | 34.91 | -- | 117.73 |
| | | 1.0 / 0.0 | 72.0 | 72.2 | 152.64 | 7/15/1996 | 35.53 | -- | 117.11 |
| | | 0.7 / 0.7 | 72.0 | -- | 152.64 | 10/7/1996 | 39.28 | -- | 113.36 |
| | | 62.0 / 47.0 | 72.0 | -- | 152.64 | 1/13/1997 | 37.38 | -- | 115.26 |
| | | 1.7 / 0.4 | 72.0 | -- | 152.64 | 4/15/1997 | 34.70 | -- | 117.94 |
| | | -- / -- | 72.0 | -- | 152.64 | 7/8/1997 | 34.68 | -- | 117.96 |
| | | 1.3 / 0.0 | 72.0 | -- | 152.64 | 10/14/1997 | 38.22 | -- | 114.42 |
| | | 75 / 0.0 | 72.0 | -- | 152.64 | 1/13/1998 | 39.96 | -- | 112.68 |
| | | 21 / 0.0 | 72.0 | -- | 152.64 | 4/21/1998 | 34.83 | -- | 117.81 |
| | | 0 / 0.0 | 72.0 | -- | 155.79 | 7/14/1998 | 36.96 | -- | 118.83 |
| | | 2.9 / 1.4 | 72.0 | -- | 155.79 | 10/19/1998 | 39.53 | -- | 116.26 |
| | | - | 72.0 | -- | 155.79 | 1/19/1999 | 42.29 | -- | 113.50 |
| | | - | 72.0 | -- | 155.79 | 4/20/1999 | 42.29 | -- | 113.50 |
| | | 7.3 / 1.4 | 72.0 | -- | 155.79 | 7/20/1999 | 42.55 | -- | 113.24 |
| | | 31 / 0.0 | 72.0 | -- | 155.79 | 10/22/1999 | 50.27 | -- | 105.52 |
| | | 69 / 0.0 | 72.0 | -- | 155.79 | 1/25/2000 | 53.89 | -- | 101.90 |
| | | 1.2 / 0.0 | 72.0 | -- | 155.79 | 4/24/2000 | 47.44 | -- | 108.35 |
| | | 0.0 / 0.0 | 72.0 | -- | 155.79 | 10/17/2000 | 47.27 | -- | 108.52 |
| | | 0.0 / 0.0 | 72.0 | -- | 155.79 | 10/25/2000 | 47.27 | -- | 108.52 |
| | | 0.0 / 0.0 | 72.0 | -- | 155.79 | 4/17/2001 | 44.92 | -- | 110.87 |
| | | 0.0 / 0.0 | 72.0 | -- | 155.79 | 7/17/2001 | 44.49 | -- | 111.30 |
| | | 0.0 / 0.0 | 72.0 | -- | 155.79 | 10/16/2001 | 48.25 | -- | 107.54 |
| | | -- / -- | 72.0 | 74.4 | 155.79 | 1/15/2002 | 47.60 | -- | 108.19 |
| | | 1.7 / 0.0 | 72.0 | 71.7 | 155.79 | 4/16/2002 | 47.19 | 0.3 | 108.60 |
| | | 42.7 / 0.0 | 72.0 | 74.8 | 155.79 | 7/24/2002 | 51.59 | -- | 104.20 |
| | | 33.3 / 0.0 | 72.0 | 74.8 | 155.79 | 10/22/2002 | 55.01 | -- | 100.78 |
| | | 5.8 / 0.1 | 72.0 | 74.8 | 155.79 | 1/24/2003 | 52.84 | -- | 102.95 |
| | | 1.1 / 0.1 | 72.0 | 74.60 | 155.79 | 4/23/2003 | 49.00 | -- | 106.79 |
| | | 35.8 / 0.1 | 72.0 | 74.75 | 155.79 | 7/29/2003 | 52.27 | -- | 103.52 |
| | | 1.8 / 0.1 | 72.0 | 74.65 | 155.79 | 10/21/2003 | 58.10 | -- | 97.69 |
| | | 1.9 / 0.0 | 72.0 | 74.93 | 155.79 | 1/21/2004 | 59.53 | -- | 96.26 |
| | | 0.2 / 0.2 | 72.0 | 74.83 | 155.79 | 4/20/2004 | 58.80 | -- | 96.99 |

# Table C-1
# Phibrotech, Inc.
# Groundwater Elevations

| Well ID | Perforated Intervals (feet bgs) | Well Headspace* (ppm) | Total Depth Constructed (feet bgs) | Total Depth Measured (feet below MP) | MP Elevation (feet MSL) | Date | Depth to Water (feet below MP) | Calculated Casing Fill (feet) | Groundwater Elevation (feet MSL) |
|---|---|---|---|---|---|---|---|---|---|
| MW-12S | 51-72 | 0.0 / 0.0 | 72.0 | 74.77 | 155.79 | 7/20/2004 | 61.83 | -- | 93.96 |
| | | 0.0 / 0.0 | 72.0 | 74.65 | 155.79 | 10/11/2004 | 65.64 | -- | 90.15 |
| | | 56.4 / 0.0 | 72.0 | 74.19 | 155.16 | 1/26/2005 | 61.71 | -- | 93.45 |
| | | 16.4 / 0.0 | 72.0 | 74.09 | 155.16 | 4/26/2005 | 51.95 | -- | 103.21 |
| | | 0.8 / 0.0 | 72.0 | 73.9 | 155.16 | 7/26/2005 | 49.50 | -- | 105.66 |
| | | 0.0 / 0.0 | 72.0 | 73.75 | 155.16 | 10/18/2005 | 50.65 | -- | 104.51 |
| | | 0.9 / 0.9 | 72.0 | 74.3 | 155.16 | 1/25/2006 | 51.75 | -- | 103.41 |
| | | 0.0 / 0.8 | 72.0 | 74.1 | 155.16 | 4/25/2006 | 48.75 | -- | 106.41 |
| | | 2.2 / 0.0 | 72.0 | 73.98 | 155.16 | 7/25/2006 | 48.52 | -- | 106.64 |
| | | 33.6 / 0.0 | 72.0 | 74.18 | 155.16 | 10/24/2006 | 50.80 | -- | 104.36 |
| | | 4.7 / 0.0 | 72.0 | 74.15 | 155.16 | 1/17/2007 | 50.45 | -- | 104.71 |
| | | 0.0 / 0.0 | 72.0 | 74.31 | 155.16 | 4/17/2007 | 49.17 | -- | 105.99 |
| | | 3.2 / 0.0 | 72.0 | 74.31 | 155.16 | 7/25/2007 | 49.90 | -- | 105.26 |
| | | 14.1 / 0.0 | 72.0 | 73.92 | 155.16 | 10/23/2007 | 56.81 | -- | 98.35 |
| | | 0.0 / 0.0 | 72.0 | 73.75 | 155.16 | 1/29/2008 | 58.74 | -- | 96.42 |
| | | 1.0 / 0.0 | 72.0 | 74.06 | 155.16 | 4/22/2008 | 55.65 | -- | 99.51 |
| | | 0.5 / 0.2 | 72.0 | 74.25 | 155.16 | 7/28/2008 | 60.08 | -- | 95.08 |
| MW-13D | 78.3-93.3 | 2.0 / 0.0 | 98.0 | 95.2 | 151.52 | 10/15/1990 | 52.44 | 2.8 | 99.08 |
| | | 1.0 / 0.0 | 98.0 | 93.4 | 151.52 | 1/7/1991 | 53.05 | 4.6 | 98.47 |
| | | 0.0 / 0.0 | 93.3 | -- | 151.52 | 4/19/1993 | 35.98 | -- | 115.54 |
| | | 0.0 / 0.0 | 93.3 | -- | 151.52 | 7/12/1993 | 35.38 | -- | 116.14 |
| | | 0.0 / 0.0 | 93.3 | -- | 151.52 | 10/12/1993 | 35.42 | -- | 116.10 |
| | | 0.2 / 0.0 | 93.3 | -- | 151.52 | 1/10/1994 | 35.40 | -- | 116.12 |
| | | 0.2 / 0.2 | 93.3 | -- | 151.52 | 4/11/1994 | 34.68 | -- | 116.84 |
| | | 10.2 / 2.2 | 93.3 | -- | 151.52 | 7/18/1994 | 34.19 | -- | 117.33 |
| | | 9.1 / 6.0 | 93.3 | -- | 151.52 | 10/10/1994 | 39.96 | -- | 111.56 |
| | | 1.9 / 1.0 | 93.3 | 93.3 | 151.52 | 1/16/1995 | 38.77 | 0.0 | 112.75 |
| | | 0.0 / 0.0 | 93.3 | 93.5 | 151.52 | 4/17/1995 | 33.26 | -- | 118.26 |
| | | 176.0 / 115.0 | 93.3 | 93.3 | 151.52 | 7/10/1995 | 31.91 | 0.0 | 119.61 |
| | | 0.0 / 0.0 | 93.3 | 93.3 | 151.52 | 10/9/1995 | 35.55 | 0.0 | 115.97 |
| | | 0.0 / 0.0 | 93.3 | 93.6 | 151.52 | 1/29/1996 | 37.40 | -- | 114.12 |
| | | 0.9 / 0.0 | 93.3 | 93.6 | 151.52 | 4/15/1996 | 34.11 | -- | 117.41 |
| | | 111.0 / 15.0 | 93.3 | 93.6 | 151.52 | 7/15/1996 | 34.63 | -- | 116.89 |
| | | 5.0 / 3.8 | 93.3 | -- | 151.52 | 10/7/1996 | 38.35 | -- | 113.17 |
| | | 1.7 / 1.0 | 93.3 | -- | 151.52 | 1/13/1997 | 36.56 | -- | 114.96 |
| | | 14.0 / 3.6 | 93.3 | -- | 151.52 | 4/15/1997 | 33.85 | -- | 117.67 |
| | | -- / -- | 93.3 | -- | 151.52 | 7/8/1997 | 33.80 | -- | 117.72 |
| | | 1.0 / 0.0 | 93.3 | -- | 151.52 | 10/14/1997 | 37.29 | -- | 114.23 |
| | | 0.0 / 0.0 | 93.3 | -- | 151.52 | 1/13/1998 | 39.01 | -- | 112.51 |
| | | 2.0 / 0.1 | 93.3 | -- | 151.52 | 4/21/1998 | 34.04 | -- | 117.48 |
| | | 0.8 / 0.0 | 93.3 | -- | 151.68 | 7/14/1998 | 33.14 | -- | 118.54 |
| | | 0.0 / 0.0 | 93.3 | -- | 151.68 | 10/19/1998 | 35.47 | -- | 116.21 |
| | | 11.2 / 3.0 | 93.3 | -- | 151.68 | 1/19/1999 | 38.47 | -- | 113.21 |
| | | 1.1 / 0.0 | 93.3 | -- | 151.68 | 4/20/1999 | 38.45 | -- | 113.23 |
| | | 2.4 / 2.4 | 93.3 | -- | 151.68 | 7/20/1999 | 38.68 | -- | 113.00 |
| | | 3.0 / 0.0 | 93.3 | -- | 151.68 | 10/22/1999 | 46.38 | -- | 105.30 |
| | | 0.0 / 0.0 | 93.3 | -- | 151.68 | 1/25/2000 | 50.02 | -- | 101.66 |
| | | 1.2 / 0.0 | 93.3 | -- | 151.68 | 4/24/2000 | 43.70 | -- | 107.98 |
| | | 0.0 / 0.0 | 93.3 | -- | 151.68 | 10/17/2000 | 43.53 | -- | 108.15 |
| | | 0.0 / 0.0 | 93.3 | -- | 151.68 | 10/25/2000 | 43.53 | -- | 108.15 |
| | | 0.0 / 0.0 | 93.3 | -- | 151.68 | 4/17/2001 | 41.07 | -- | 110.61 |
| | | 0.0 / 0.0 | 93.3 | -- | 151.68 | 7/17/2001 | 40.75 | -- | 110.93 |
| | | 0.0 / 0.0 | 93.3 | -- | 151.68 | 10/16/2001 | 45.10 | -- | 106.58 |
| | | -- / -- | 93.3 | 93.4 | 151.68 | 1/15/2002 | 43.78 | -- | 107.90 |
| | | 2.1 / 0.0 | 93.3 | 93.4 | 151.68 | 4/16/2002 | 43.43 | -- | 108.25 |
| | | 0.3 / 0.1 | 93.3 | 93.8 | 151.68 | 7/24/2002 | 47.76 | -- | 103.92 |
| | | 29.3 / 0.1 | 93.3 | 93.8 | 151.68 | 10/22/2002 | 51.18 | -- | 100.50 |
| | | 5.8 / 0.1 | 93.3 | 93.8 | 151.68 | 1/24/2003 | 49.17 | -- | 102.51 |
| | | 9.2 / 0.1 | 93.3 | 93.61 | 151.68 | 4/23/2003 | 45.28 | -- | 106.40 |
| | | 4.2 / 0.0 | 93.3 | 93.60 | 151.68 | 7/29/2003 | 48.43 | -- | 103.25 |
| | | 1.0 / 0.0 | 93.3 | 93.60 | 151.68 | 10/21/2003 | 54.20 | -- | 97.48 |
| | | 0.0 / 0.0 | 93.3 | 93.70 | 151.68 | 1/21/2004 | 55.72 | -- | 95.96 |
| | | 1.6 / 0.2 | 93.3 | 93.6 | 151.68 | 4/20/2004 | 55.05 | -- | 96.63 |
| | | 0.0 / 0.0 | 93.3 | 93.5 | 151.68 | 7/20/2004 | 57.94 | -- | 93.74 |
| | | 0.0 / 0.0 | 93.3 | 93.5 | 151.68 | 10/11/2004 | 61.82 | -- | 89.86 |
| | | 0.9 / 0.4 | 93.3 | 93.2 | 151.29 | 1/26/2005 | 58.40 | 0.1 | 92.89 |
| | | 18.7 / 0.0 | 93.3 | 93.13 | 151.29 | 4/26/2005 | 48.64 | 0.2 | 102.65 |
| | | 5.7 / 0.0 | 93.3 | 93.02 | 151.29 | 7/26/2005 | 46.11 | 0.3 | 105.18 |

# Table C-1
# Phibrotech, Inc.
# Groundwater Elevations

| Well ID | Perforated Intervals (feet bgs) | Well Headspace* (ppm) | Total Depth Constructed (feet bgs) | Total Depth Measured (feet below MP) | MP Elevation (feet MSL) | Date | Depth to Water (feet below MP) | Calculated Casing Fill (feet) | Groundwater Elevation (feet MSL) |
|---|---|---|---|---|---|---|---|---|---|
| MW-13D | 78.3-93.3 | 2.4 / 0.0 | 93.3 | 48.55 | 151.29 | 10/18/2005 | 46.95 | 44.8 | 104.34 |
| | | 1.0 / 1.0 | 93.3 | 49.2 | 151.29 | 1/25/2006 | 48.37 | 44.1 | 102.92 |
| | | 5.8 / 1.6 | 93.3 | 49.74 | 151.29 | 4/25/2006 | 45.25 | 43.6 | 106.04 |
| | | 2.0 / 0.0 | 93.3 | 49.85 | 151.29 | 7/25/2006 | 44.95 | 43.5 | 106.34 |
| | | 0.0 / 0.0 | 93.3 | 50.07 | 151.29 | 10/24/2006 | 47.20 | 43.2 | 104.09 |
| | | 0.0 / 0.0 | 93.3 | 93.10 | 151.29 | 1/17/2007 | 47.00 | 0.2 | 104.29 |
| | | 4.9 / 0.0 | 93.3 | 93.16 | 151.29 | 4/17/2007 | 45.77 | 0.1 | 105.52 |
| | | 3.6 / 0.0 | 93.3 | 93.18 | 151.29 | 7/24/2007 | 46.97 | 0.1 | 104.32 |
| | | 0.0 / 0.0 | 93.3 | 92.95 | 151.29 | 10/23/2007 | 53.18 | 0.3 | 98.11 |
| | | 0.6 / 0.0 | 93.3 | 92.84 | 151.29 | 1/29/2008 | 55.00 | 0.5 | 96.29 |
| | | 0.5 / 0.0 | 93.3 | 93.1 | 151.29 | 4/22/2008 | 52.13 | 0.2 | 99.16 |
| | | 0.1 / 0.2 | 93.3 | 92.93 | 151.29 | 7/28/2008 | 56.43 | 0.4 | 94.86 |
| MW-13S | 50.3-70.3 | 8.0 / 0.0 | 72.0 | 70.7 | 151.51 | 10/15/1990 | 52.40 | 1.3 | 99.11 |
| | | 32.0 / 0.0 | 72.0 | 69.1 | 151.51 | 1/7/1991 | 53.01 | 2.9 | 98.50 |
| | | 5.2 / 0.0 | 70.3 | -- | 151.51 | 1/19/1993 | 43.50 | -- | 108.01 |
| | | 0.0 / 0.0 | 70.3 | -- | 151.51 | 4/19/1993 | 35.96 | -- | 115.55 |
| | | 0.0 / 0.0 | 70.3 | 69.1 | 151.51 | 7/12/1993 | 35.39 | 1.2 | 116.12 |
| | | 0.4 / 0.0 | 70.3 | -- | 151.51 | 10/12/1993 | 35.42 | -- | 116.09 |
| | | 0.0 / 0.0 | 70.3 | -- | 151.51 | 1/10/1994 | 35.40 | -- | 116.11 |
| | | 1.0 / 1.0 | 70.3 | -- | 151.51 | 4/11/1994 | 34.67 | -- | 116.84 |
| | | 23.4 / 16.1 | 70.3 | -- | 151.51 | 7/18/1994 | 34.18 | -- | 117.33 |
| | | 183.0 / 38.0 | 70.3 | -- | 151.51 | 10/10/1994 | 39.95 | -- | 111.56 |
| | | 53.0 / 6.2 | 70.3 | 69.1 | 151.51 | 1/16/1995 | 38.77 | 1.2 | 112.74 |
| | | 6.2 / 3.9 | 70.3 | 69.3 | 151.51 | 4/17/1995 | 33.25 | 1.0 | 118.26 |
| | | 73.0 / 49.0 | 70.3 | 69.0 | 151.51 | 7/10/1995 | 31.90 | 1.3 | 119.61 |
| | | 12.3 / 0.0 | 70.3 | 69.0 | 151.51 | 10/9/1995 | 35.56 | 1.3 | 115.95 |
| | | 40.0 / 0.0 | 70.3 | 69.4 | 151.51 | 1/29/1996 | 37.36 | 0.9 | 114.15 |
| | | 4.1 / 0.0 | 70.3 | 69.4 | 151.51 | 4/15/1996 | 34.08 | 0.9 | 117.43 |
| | | 132.0 / 24.0 | 70.3 | 69.4 | 151.51 | 7/15/1996 | 34.66 | 0.9 | 116.85 |
| | | 13.0 / 12.0 | 70.3 | -- | 151.51 | 10/7/1996 | 38.32 | -- | 113.19 |
| | | 5.8 / 3.1 | 70.3 | -- | 151.51 | 1/13/1997 | 36.58 | -- | 114.93 |
| | | 7.5 / 4.5 | 70.3 | -- | 151.51 | 4/15/1997 | 33.82 | -- | 117.69 |
| | | -- / -- | 70.3 | -- | 151.51 | 7/8/1997 | 33.79 | -- | 117.72 |
| | | 3.2 / 0.0 | 70.3 | -- | 151.51 | 10/14/1997 | 37.28 | -- | 114.23 |
| | | 26.0 / 0.0 | 70.3 | -- | 151.51 | 1/13/1998 | 39.10 | -- | 112.41 |
| | | 6.5 / 0.1 | 70.3 | -- | 151.51 | 4/21/1998 | 34.03 | -- | 117.48 |
| | | 2.4 / 0.0 | 70.3 | -- | 151.72 | 7/14/1998 | 33.16 | -- | 118.56 |
| | | 17.0 / 0.0 | 70.3 | -- | 151.72 | 10/19/1998 | 35.44 | -- | 116.28 |
| | | 65.1 / 0.8 | 70.3 | -- | 151.72 | 1/19/1999 | 38.51 | -- | 113.21 |
| | | 2.3 / 1.1 | 70.3 | -- | 151.72 | 4/20/1999 | 38.46 | -- | 113.26 |
| | | 5.2 / 2.1 | 70.3 | -- | 151.72 | 7/20/1999 | 38.71 | -- | 113.01 |
| | | 13.6 / 0.0 | 70.3 | -- | 151.72 | 10/22/1999 | 46.37 | -- | 105.35 |
| | | 7.0 / 0.0 | 70.3 | -- | 151.72 | 1/25/2000 | 50.04 | -- | 101.68 |
| | | 0.0 / 0.0 | 70.3 | -- | 151.72 | 4/24/2000 | 43.70 | -- | 108.02 |
| | | 3.8 / 0.0 | 70.3 | -- | 151.72 | 10/17/2000 | 43.52 | -- | 108.20 |
| | | 3.8 / 0.0 | 70.3 | -- | 151.72 | 10/25/2000 | 43.52 | -- | 108.20 |
| | | 2.1 / 0.0 | 70.3 | -- | 151.72 | 4/17/2001 | 41.09 | -- | 110.63 |
| | | 2.1 / 0.0 | 70.3 | -- | 151.72 | 7/17/2001 | 40.76 | -- | 110.96 |
| | | 0.9 / 0.0 | 70.3 | -- | 151.72 | 10/16/2001 | 45.11 | -- | 106.61 |
| | | -- / -- | 70.3 | 69.0 | 151.72 | 1/15/2002 | 43.89 | 1.3 | 107.83 |
| | | 0.8 / 0.0 | 70.3 | 69.1 | 151.72 | 4/16/2002 | 43.44 | 1.2 | 108.28 |
| | | 3.4 / 0.0 | 70.3 | 69.3 | 151.72 | 7/24/2002 | 47.78 | 1.0 | 103.94 |
| | | 29.3 / 0.0 | 70.3 | 69.3 | 151.72 | 10/22/2002 | 51.20 | 1.0 | 100.52 |
| | | 3.6 / 0.0 | 70.3 | 69.3 | 151.72 | 1/24/2003 | 49.16 | 1.0 | 102.56 |
| | | 3.8 / 0.1 | 70.3 | 69.38 | 151.72 | 4/23/2003 | 45.30 | 0.9 | 106.42 |
| | | 4.6 / 0.1 | 70.3 | 69.24 | 151.72 | 7/29/2003 | 48.44 | 1.1 | 103.28 |
| | | 1.9 / 0.1 | 70.3 | 69.25 | 151.72 | 10/21/2003 | 54.26 | 1.1 | 97.46 |
| | | 2.9 / 0.0 | 70.3 | 69.47 | 151.72 | 1/21/2004 | 55.70 | 0.8 | 96.02 |
| | | 2.2 / 0.2 | 70.3 | 69.44 | 151.72 | 4/20/2004 | 55.02 | 0.9 | 96.70 |
| | | 1.9 / 0.0 | 70.3 | 69.25 | 151.72 | 7/20/2004 | 57.90 | 1.1 | 93.82 |
| | | 0.0 / 0.0 | 70.3 | 69.37 | 151.72 | 10/11/2004 | 61.70 | 0.9 | 90.02 |
| | | 16.3 / 9.3 | 70.3 | 68.89 | 151.27 | 1/26/2005 | 58.41 | 1.4 | 92.86 |
| | | 56.6 / 0.0 | 70.3 | 68.83 | 151.27 | 4/26/2005 | 48.56 | 1.5 | 102.71 |
| | | 14.0 / 0.1 | 70.3 | 68.77 | 151.27 | 7/26/2005 | 45.93 | 1.5 | 105.34 |
| | | 0.2 / 0.0 | 70.3 | 68.77 | 151.27 | 10/18/2005 | 47.10 | 1.5 | 104.17 |
| | | 5.9 / 0.8 | 70.3 | 68.75 | 151.27 | 1/25/2006 | 48.29 | 1.6 | 102.98 |
| | | 2.4 / 0.0 | 70.3 | 68.77 | 151.27 | 4/25/2006 | 45.25 | 1.5 | 106.02 |
| | | 1.8 / 0.0 | 70.3 | 68.86 | 151.27 | 7/25/2006 | 45.05 | 1.4 | 106.22 |

# Table C-1
## Phibrotech, Inc.
## Groundwater Elevations

| Well ID | Perforated Intervals (feet bgs) | Well Headspace* (ppm) | Total Depth Constructed (feet bgs) | Total Depth Measured (feet below MP) | MP Elevation (feet MSL) | Date | Depth to Water (feet below MP) | Calculated Casing Fill (feet) | Groundwater Elevation (feet MSL) |
|---|---|---|---|---|---|---|---|---|---|
| MW-13S | 50.3-70.3 | 0.0 / 0.0 | 70.3 | 68.82 | 151.27 | 10/24/2006 | 47.08 | 1.5 | 104.19 |
| | | 15.3 / 0.0 | 70.3 | 68.84 | 151.27 | 1/17/2007 | 46.95 | 1.5 | 104.32 |
| | | 7.9 / 0.0 | 70.3 | 68.90 | 151.27 | 4/17/2007 | 45.71 | 1.4 | 105.56 |
| | | 8.2 / 0.0 | 70.3 | 68.95 | 151.27 | 7/24/2007 | 46.82 | 1.3 | 104.45 |
| | | 4.3 / 0.0 | 70.3 | 68.58 | 151.27 | 10/23/2007 | 53.08 | 1.7 | 98.19 |
| | | 3.9 / 0.0 | 70.3 | 68.67 | 151.27 | 1/29/2008 | 55.11 | 1.6 | 96.16 |
| | | 6.5 / 0.0 | 70.3 | 68.65 | 151.27 | 4/22/2008 | 52.06 | 1.6 | 99.21 |
| | | 0.2 / 0.2 | 70.3 | 68.84 | 151.27 | 7/28/2008 | 56.37 | 1.5 | 94.90 |
| MW-14D | 88-103 | 1.0 / 0.0 | 109.0 | 106.0 | 150.56 | 10/15/1990 | 52.54 | 3.0 | 98.02 |
| | | 0.0 / 0.0 | 109.0 | 104.7 | 150.56 | 1/7/1991 | 53.15 | 4.3 | 97.41 |
| | | 3.6 / 0.0 | 109.0 | -- | 150.56 | 1/13/1992 | 47.51 | -- | 103.05 |
| | | 0.0 / 0.0 | 109.0 | -- | 150.56 | 3/30/1992 | 44.89 | -- | 105.67 |
| | | 0.3 / 0.0 | 109.0 | -- | 150.56 | 7/13/1992 | 44.24 | -- | 106.32 |
| | | 26.4 / 0.0 | 109.0 | -- | 150.56 | 10/13/1992 | 46.87 | -- | 103.69 |
| | | -- / 0.0 | 109.0 | -- | 150.56 | 1/19/1993 | 43.61 | -- | 106.95 |
| | | 0.0 / 0.0 | 109.0 | -- | 150.56 | 4/19/1993 | 35.81 | -- | 114.75 |
| | | 0.0 / 0.0 | 109.0 | -- | 150.56 | 7/12/1993 | 35.26 | -- | 115.30 |
| | | 0.2 / 0.0 | 109.0 | -- | 150.56 | 10/12/1993 | 35.20 | -- | 115.36 |
| | | 0.0 / 0.0 | 109.0 | -- | 150.56 | 1/10/1994 | 35.32 | -- | 115.24 |
| | | 0.2 / 0.2 | 109.0 | -- | 150.56 | 4/11/1994 | 35.54 | -- | 115.02 |
| | | 10.2 / 0.0 | 109.0 | -- | 150.56 | 7/18/1994 | 33.98 | -- | 116.58 |
| | | 3.4 / 3.4 | 109.0 | -- | 150.56 | 10/10/1994 | 39.87 | -- | 110.69 |
| | | 0.0 / 0.0 | 109.0 | 103.8 | 150.56 | 2/8/1995 | 37.50 | 5.2 | 113.06 |
| | | 0.0 / 0.0 | 109.0 | 104.0 | 150.56 | 4/17/1995 | 33.10 | 5.0 | 117.46 |
| | | 0.0 / 0.0 | 109.0 | 103.7 | 150.56 | 7/10/1995 | 31.69 | 5.3 | 118.87 |
| | | 0.0 / 0.0 | 109.0 | 103.8 | 150.56 | 10/9/1995 | 35.35 | 5.2 | 115.21 |
| | | 0.0 / 0.0 | 109.0 | 104.1 | 150.56 | 1/29/1996 | 37.47 | 4.9 | 113.09 |
| | | 0.0 / 0.0 | 109.0 | 104.2 | 150.56 | 4/15/1996 | 34.08 | 4.8 | 116.48 |
| | | 0.0 / 0.0 | 109.0 | 104.3 | 150.56 | 7/15/1996 | 34.55 | 4.7 | 116.01 |
| | | 1.0 / 0.7 | 109.0 | -- | 150.56 | 10/7/1996 | 38.34 | -- | 112.22 |
| | | 0.3 / 0.3 | 109.0 | -- | 150.56 | 1/13/1997 | 36.71 | -- | 113.85 |
| | | 0.1 / 0.1 | 109.0 | -- | 150.56 | 4/15/1997 | 33.77 | -- | 116.79 |
| | | -- / -- | 109.0 | -- | 150.56 | 7/8/1997 | 33.65 | -- | 116.91 |
| | | 0.3 / 0.0 | 109.0 | -- | 150.56 | 10/14/1997 | 37.19 | -- | 113.37 |
| | | 0.0 / 0.0 | 109.0 | -- | 150.56 | 1/13/1998 | 39.12 | -- | 111.44 |
| | | 0.1 / 0.1 | 109.0 | -- | 150.56 | 4/21/1998 | 34.09 | -- | 116.47 |
| | | 0.0 / 0.0 | 109.0 | -- | 150.56 | 7/14/1998 | 32.78 | -- | 117.78 |
| | | 7.0 / 0.0 | 109.0 | -- | 150.56 | 10/19/1998 | 35.38 | -- | 115.18 |
| | | 21.2 / 4.3 | 109.0 | -- | 150.56 | 1/19/1999 | 38.24 | -- | 112.32 |
| | | 0.0 / 0.0 | 109.0 | -- | 150.56 | 4/20/1999 | 38.35 | -- | 112.21 |
| | | 1.4 / 1.4 | 109.0 | -- | 150.56 | 7/20/1999 | 38.37 | -- | 112.19 |
| | | 0.0 / 0.0 | 109.0 | -- | 150.56 | 10/22/1999 | 46.21 | -- | 104.35 |
| | | 0.0 / 0.0 | 109.0 | -- | 150.56 | 1/25/2000 | 50.10 | -- | 100.46 |
| | | 0.0 / 0.0 | 109.0 | -- | 150.56 | 4/24/2000 | 43.65 | -- | 106.91 |
| | | 1.4 / 0.0 | 103.3 | -- | 150.56 | 10/17/2000 | 43.51 | -- | 107.05 |
| | | 1.4 / 0.0 | 109.0 | -- | 150.56 | 10/25/2000 | 43.51 | -- | 107.05 |
| | | 1.4 / 0.0 | 103.3 | -- | 150.56 | 4/17/2001 | 41.16 | -- | 109.40 |
| | | 1.4 / 0.0 | 109.0 | -- | 150.60 | 7/17/2001 | 40.53 | -- | 110.07 |
| | | 0.0 / 0.0 | 103.3 | -- | 150.60 | 10/16/2001 | 45.07 | -- | 105.53 |
| | | -- / -- | 103.3 | -- | 150.60 | 1/15/2002 | 43.90 | -- | 106.70 |
| | | 0.0 / 0.0 | 103.3 | 103.8 | 150.60 | 4/16/2002 | 43.35 | -- | 107.25 |
| | | 0.0 / 0.0 | 103.3 | 104.0 | 150.60 | 7/24/2002 | 47.88 | -- | 102.72 |
| | | 35.8 / 0.0 | 103.3 | 104.0 | 150.60 | 10/22/2002 | 51.30 | -- | 99.30 |
| | | 0.1 / 0.1 | 103.3 | 103.0 | 150.60 | 1/24/2003 | 49.35 | 0.3 | 101.25 |
| | | 1.7 / 0.0 | 103.3 | 103.91 | 150.60 | 4/23/2003 | 45.28 | -- | 105.32 |
| | | 0.0 / 0.0 | 103.3 | 104.56 | 150.60 | 7/29/2003 | 48.36 | -- | 102.24 |
| | | 1.7 / 0.0 | 103.3 | 103.86 | 150.60 | 10/21/2003 | 54.36 | -- | 96.24 |
| | | 0.7 / 0.0 | 103.3 | 104.02 | 150.60 | 1/21/2004 | 56.03 | -- | 94.57 |
| | | 1.0 / 1.0 | 103.3 | 104 | 150.60 | 4/20/2004 | 55.18 | -- | 95.42 |
| | | 0.0 / 0.0 | 103.3 | 103.82 | 150.60 | 7/20/2004 | 58.20 | -- | 92.40 |
| | | 0.0 / 0.0 | 103.3 | 103.67 | 150.60 | 10/11/2004 | 62.27 | -- | 88.33 |
| | | 0.0 / 0.0 | 103.3 | 103.81 | 150.23 | 1/26/2005 | 59.01 | -- | 91.22 |
| | | 0.0 / 0.0 | 103.3 | 103.5 | 150.23 | 4/26/2005 | 48.75 | -- | 101.48 |
| | | 0.0 / 0.0 | 103.3 | 103.51 | 150.23 | 7/26/2005 | 46.15 | -- | 104.08 |
| | | 0.5 / 0.2 | 103.3 | 103.29 | 150.23 | 10/18/2005 | 47.08 | 0.01 | 103.15 |
| | | 1.0 / 0.9 | 103.3 | 103.59 | 150.23 | 1/25/2006 | 48.50 | -- | 101.73 |
| | | 0.0 / 0.8 | 103.3 | 103.55 | 150.23 | 4/25/2006 | 45.52 | -- | 104.71 |
| | | 0.0 / 0.0 | 103.3 | 103.48 | 150.23 | 7/25/2006 | 45.00 | -- | 105.23 |

**Table C-1**
**Phibrotech, Inc.**
**Groundwater Elevations**

| Well ID | Perforated Intervals (feet bgs) | Well Headspace* (ppm) | Total Depth Constructed (feet bgs) | Total Depth Measured (feet below MP) | MP Elevation (feet MSL) | Date | Depth to Water (feet below MP) | Calculated Casing Fill (feet) | Groundwater Elevation (feet MSL) |
|---|---|---|---|---|---|---|---|---|---|
| MW-14D | 88-103 | 0.0 / 0.0 | 103.3 | 103.50 | 150.23 | 10/24/2006 | 47.30 | -- | 102.93 |
| | | 0.0 / 0.0 | 103.3 | 103.53 | 150.23 | 1/17/2007 | 47.23 | -- | 103.00 |
| | | 0.0 / 0.0 | 103.3 | 103.40 | 150.23 | 4/17/2007 | 45.80 | -- | 104.43 |
| | | 0.1 / 0.0 | 103.3 | 103.54 | 150.23 | 7/24/2007 | 46.92 | -- | 103.31 |
| | | 0.0 / 0.0 | 103.3 | 103.29 | 150.23 | 10/23/2007 | 53.31 | 0.01 | 96.92 |
| | | 0.0 / 0.0 | 103.3 | 103.27 | 150.23 | 1/29/2008 | 55.61 | 0.03 | 94.62 |
| | | 0.0 / 0.0 | 103.3 | 103.38 | 150.23 | 4/22/2008 | 52.23 | -- | 98.00 |
| | | 0.0 / 0.0 | 103.3 | 103.43 | 150.23 | 7/28/2008 | 56.84 | -- | 93.39 |
| MW-14S | 46-72 | 2.0 / 0.0 | 72.0 | 72.4 | 150.50 | 10/15/1990 | 52.43 | -- | 98.07 |
| | | 10.0 / 0.0 | 72.0 | 70.8 | 150.50 | 1/7/1991 | 53.12 | 1.3 | 97.38 |
| | | -- / -- | 72.0 | 70.4 | 150.50 | 4/8/1991 | 51.24 | 1.6 | 99.26 |
| | | 9.2 / 0.0 | 71.5 | 70.8 | 150.50 | 7/8/1991 | 49.23 | 0.7 | 101.27 |
| | | 6.3 / 0.0 | 71.5 | 71.4 | 150.50 | 10/21/1991 | 49.84 | 0.1 | 100.66 |
| | | 21.5 / 0.0 | 71.5 | 71.0 | 150.50 | 1/13/1992 | 47.42 | 0.5 | 103.08 |
| | | 1.2 / 0.0 | 71.5 | 71.0 | 150.50 | 3/30/1992 | 44.80 | 0.5 | 105.70 |
| | | 8.1 / 0.0 | 71.5 | 71.2 | 150.50 | 7/13/1992 | 44.12 | 0.3 | 106.38 |
| | | 21.3 / 0.0 | 71.5 | 70.8 | 150.50 | 10/13/1992 | 46.78 | 0.7 | 103.72 |
| | | -- / 0.0 | 71.5 | 70.8 | 150.50 | 1/19/1993 | 43.50 | 0.7 | 107.00 |
| | | 0.0 / 0.0 | 71.5 | 71.1 | 150.50 | 4/19/1993 | 35.70 | 0.4 | 114.80 |
| | | 0.0 / 0.0 | 71.5 | 70.8 | 150.50 | 7/12/1993 | 35.14 | 0.7 | 115.36 |
| | | 0.2 / 0.0 | 71.5 | 71.0 | 150.50 | 10/12/1993 | 35.08 | 0.5 | 115.42 |
| | | 0.0 / 0.0 | 71.5 | 69.1 | 150.50 | 1/10/1994 | 35.22 | 2.4 | 115.28 |
| | | 1.2 / 0.2 | 71.5 | 69.0 | 150.50 | 4/11/1994 | 34.44 | 2.5 | 116.06 |
| | | 3.7 / 0.0 | 71.5 | 70.8 | 150.50 | 7/18/1994 | 33.86 | 0.7 | 116.64 |
| | | 22.0 / 4.2 | 71.5 | 70.7 | 150.50 | 10/10/1994 | 39.80 | 0.8 | 110.70 |
| | | 5.3 / 0.0 | 71.5 | 70.7 | 150.50 | 2/8/1995 | 37.40 | 0.8 | 113.10 |
| | | 2.4 / 0.0 | 71.5 | 70.9 | 150.50 | 4/17/1995 | 33.00 | 0.6 | 117.50 |
| | | 0.0 / 0.0 | 71.5 | 70.7 | 150.50 | 7/10/1995 | 31.57 | 0.8 | 118.93 |
| | | 6.9 / 0.0 | 71.5 | 70.8 | 150.50 | 10/9/1995 | 35.25 | 0.7 | 115.25 |
| | | 2.5 / 0.0 | 71.5 | 71.0 | 150.50 | 1/29/1996 | 37.37 | 0.5 | 113.13 |
| | | 14.0 / 0.0 | 71.5 | 71.0 | 150.50 | 4/15/1996 | 33.98 | 0.5 | 116.52 |
| | | 4.7 / 0.2 | 71.5 | 71.0 | 150.50 | 7/15/1996 | 34.46 | 0.5 | 116.04 |
| | | 0.7 / 0.7 | 71.5 | 71.0 | 150.50 | 10/7/1996 | 38.28 | 0.5 | 112.22 |
| | | 3.1 / 0.0 | 71.5 | 71.0 | 150.50 | 1/13/1997 | 36.65 | 0.5 | 113.85 |
| | | 1.7 / 0.1 | 71.5 | 71.0 | 150.50 | 4/15/1997 | 33.68 | 0.5 | 116.82 |
| | | -- / -- | 71.5 | 71.0 | 150.50 | 7/8/1997 | 33.29 | 0.5 | 117.21 |
| | | 6.5 / 0.0 | 71.5 | 79.0 | 150.50 | 10/14/1997 | 37.11 | -- | 113.39 |
| | | 15.6 / 0.0 | 71.5 | 70.8 | 150.50 | 1/13/1998 | 39.07 | 0.8 | 111.43 |
| | | 1.0 / 0.1 | 71.5 | 70.7 | 150.50 | 4/21/1998 | 34.03 | 0.8 | 116.47 |
| | | 0.1 / 0.0 | 71.5 | 70.8 | 150.50 | 7/14/1998 | 32.71 | 0.7 | 117.79 |
| | | 2.0 / 0.0 | 71.5 | 70.8 | 150.50 | 10/19/1998 | 35.31 | 0.8 | 115.19 |
| | | 28.6 / 13.5 | 71.5 | 70.8 | 150.50 | 1/19/1999 | 38.19 | 0.8 | 112.31 |
| | | 7.0 / 1.0 | 71.5 | 70.7 | 150.50 | 4/20/1999 | 38.29 | 0.8 | 112.21 |
| | | 17.2 / 1.4 | 71.5 | 70.7 | 150.50 | 7/20/1999 | 38.31 | 0.8 | 112.19 |
| | | 53.0 / 0.0 | 71.5 | 70.8 | 150.50 | 10/22/1999 | 46.19 | 0.7 | 104.31 |
| | | 71.0 / 0.0 | 71.5 | 71.0 | 150.50 | 1/25/2000 | 50.07 | 0.5 | 100.43 |
| | | 23.0 / 0.0 | 71.5 | 70.9 | 150.50 | 4/24/2000 | 43.59 | 0.6 | 106.91 |
| | | 19.0 / 0.0 | 71.5 | 70.4 | 150.50 | 10/17/2000 | 43.44 | 1.1 | 107.06 |
| | | 19.0 / 0.0 | 71.5 | 70.4 | 150.50 | 10/25/2000 | 43.44 | 1.1 | 107.06 |
| | | 15.2 / 0.1 | 71.5 | 70.4 | 150.50 | 4/17/2001 | 41.08 | 1.1 | 109.42 |
| | | 15.2 / 0.1 | 71.5 | 70.9 | 150.54 | 7/17/2001 | 40.47 | 0.6 | 110.07 |
| | | 4.0 / 0.0 | 71.5 | 70.9 | 150.54 | 10/16/2001 | 45.00 | 0.6 | 105.54 |
| | | 2.6 / 0.0 | 71.5 | 70.6 | 150.54 | 1/15/2002 | 43.80 | 0.9 | 106.74 |
| | | 9.6 / 0.0 | 71.5 | 70.6 | 150.54 | 4/16/2002 | 43.27 | 0.9 | 107.27 |
| | | 19.0 / 0.0 | 71.5 | 71.0 | 150.54 | 7/24/2002 | 47.70 | 0.5 | 102.84 |
| | | 31.7 / 0.2 | 71.5 | 71.0 | 150.54 | 10/22/2002 | 51.24 | 0.5 | 99.30 |
| | | 22.7 / 0.1 | 71.5 | 71.0 | 150.54 | 1/24/2003 | 49.27 | 0.5 | 101.27 |
| | | 45.8 / 0.0 | 71.5 | 70.76 | 150.54 | 4/23/2003 | 45.19 | 0.7 | 105.35 |
| | | 18.4 / 0.0 | 71.5 | 70.82 | 150.54 | 7/29/2003 | 48.30 | 0.7 | 102.24 |
| | | 5.7 / 0.0 | 71.5 | 70.75 | 150.54 | 10/21/2003 | 54.18 | 0.8 | 96.36 |
| | | 2.2 / 0.0 | 71.5 | 70.87 | 150.54 | 1/21/2004 | 55.89 | 0.6 | 94.65 |
| | | 15.0 / 1.0 | 71.5 | 70.77 | 150.54 | 4/20/2004 | 55.08 | 0.7 | 95.46 |
| | | 2.8 / 0.0 | 71.5 | 70.6 | 150.54 | 7/20/2004 | 58.00 | 0.9 | 92.54 |
| | | 0.0 / 0.0 | 71.5 | 70.49 | 150.54 | 10/11/2004 | 62.20 | 1.0 | 88.34 |
| | | 0.0 / 0.0 | 71.5 | 70.64 | 150.11 | 1/26/2005 | 58.86 | 0.9 | 91.25 |
| | | 0.0 / 0.0 | 71.5 | 70.22 | 150.11 | 4/26/2005 | 48.51 | 1.3 | 101.60 |
| | | 6.0 / 0.0 | 71.5 | 70.06 | 150.11 | 7/26/2005 | 46.01 | 1.4 | 104.10 |
| | | 1.7 / 0.0 | 71.5 | 69.88 | 150.11 | 10/18/2005 | 47.00 | 1.6 | 103.11 |

**Table C-1**
**Phibrotech, Inc.**
**Groundwater Elevations**

| Well ID | Perforated Intervals (feet bgs) | Well Headspace* (ppm) | Total Depth Constructed (feet bgs) | Total Depth Measured (feet below MP) | MP Elevation (feet MSL) | Date | Depth to Water (feet below MP) | Calculated Casing Fill (feet) | Groundwater Elevation (feet MSL) |
|---|---|---|---|---|---|---|---|---|---|
| MW-14S | 46-72 | >7.0 / 1.0 | 71.5 | 70.28 | 150.11 | 1/25/2006 | 48.40 | 1.2 | 101.71 |
| | | 3.3 / 0.0 | 71.5 | 70.2 | 150.11 | 4/25/2006 | 45.64 | 1.3 | 104.47 |
| | | 1.5 / 0.0 | 71.5 | 70.12 | 150.11 | 7/25/2006 | 44.85 | 1.4 | 105.26 |
| | | 10.9 / 0.0 | 71.5 | 70.15 | 150.11 | 10/24/2006 | 47.05 | 1.3 | 103.06 |
| | | 6.2 / 0.0 | 71.5 | 70.13 | 150.11 | 1/17/2007 | 47.10 | 1.4 | 103.01 |
| | | 29.6 / 0.0 | 71.5 | 70.27 | 150.11 | 4/17/2007 | 45.60 | 1.2 | 104.51 |
| | | 18.1 / 0.0 | 71.5 | 70.20 | 150.11 | 7/24/2007 | 46.80 | 1.3 | 103.31 |
| | | 27.5 / 0.0 | 71.5 | 70.08 | 150.11 | 10/23/2007 | 53.09 | 1.4 | 97.02 |
| | | 0.0 / 0.0 | 71.5 | 70.08 | 150.11 | 1/29/2008 | 55.41 | 1.4 | 94.70 |
| | | 20.4 / 0.0 | 71.5 | 70.04 | 150.11 | 4/22/2008 | 51.91 | 1.5 | 98.20 |
| | | 0.5 / 0.0 | 71.5 | 70.06 | 150.11 | 7/28/2008 | 56.67 | 1.4 | 93.44 |
| MW-15D | 108.5-123.5 | 0.0 / 0.0 | 125.0 | 123.8 | 150.96 | 10/15/1990 | 53.37 | 1.2 | 97.59 |
| | | 0.0 / 0.0 | 125.0 | 123.7 | 150.96 | 1/7/1991 | 54.06 | 1.3 | 96.90 |
| | | -- / 0.0 | 125.0 | 125.7 | 150.96 | 4/8/1991 | 51.16 | -- | 99.80 |
| | | 0.8 / 0.0 | 123.8 | 125.0 | 150.96 | 7/8/1991 | 50.23 | -- | 100.73 |
| | | 1.2 / 0.0 | 123.8 | 125.0 | 150.96 | 10/21/1991 | 50.76 | -- | 100.20 |
| | | 1.2 / 0.0 | 123.8 | 123.8 | 150.96 | 1/13/1992 | 48.26 | -- | 102.70 |
| | | 0.0 / 0.0 | 123.8 | 123.8 | 150.96 | 3/30/1992 | 45.67 | -- | 105.29 |
| | | 1.3 / 0.0 | 123.8 | 123.8 | 150.96 | 7/13/1992 | 45.00 | -- | 105.96 |
| | | 8.1 / 0.0 | 123.8 | 122.8 | 150.96 | 10/13/1992 | 47.78 | 1.0 | 103.18 |
| | | -- / 0.0 | 123.8 | 123.4 | 150.96 | 1/19/1993 | 44.42 | 0.4 | 106.54 |
| | | 0.0 / 0.0 | 123.8 | 124.1 | 150.96 | 4/19/1993 | 36.54 | -- | 114.42 |
| | | 0.0 / 0.0 | 123.8 | 123.5 | 150.96 | 7/12/1993 | 35.98 | 0.3 | 114.98 |
| | | 0.2 / 0.0 | 123.8 | 124.0 | 150.96 | 10/12/1993 | 36.04 | -- | 114.92 |
| | | 0.0 / 0.0 | 123.8 | 124.0 | 150.96 | 1/10/1994 | 36.02 | -- | 114.94 |
| | | 0.2 / 0.2 | 123.8 | 123.9 | 150.96 | 4/11/1994 | 35.19 | -- | 115.77 |
| | | 1.8 / 0.0 | 123.8 | 123.8 | 150.96 | 7/18/1994 | 34.77 | -- | 116.19 |
| | | 3.1 / 3.0 | 123.8 | 124.1 | 150.96 | 10/10/1994 | 40.72 | -- | 110.24 |
| | | 1.6 / 1.3 | 123.8 | 123.9 | 150.96 | 2/8/1995 | 39.87 | -- | 111.09 |
| | | 0.0 / 0.0 | 123.8 | 124.0 | 150.96 | 4/17/1995 | 33.88 | -- | 117.08 |
| | | 0.0 / 0.0 | 123.8 | 123.9 | 150.96 | 7/10/1995 | 32.52 | -- | 118.44 |
| | | 0.0 / 0.0 | 123.8 | 123.9 | 150.96 | 10/9/1995 | 36.27 | -- | 114.69 |
| | | 0.0 / 0.0 | 123.8 | 124.2 | 150.96 | 1/29/1996 | 38.27 | -- | 112.69 |
| | | 0.0 / 0.0 | 123.8 | 124.2 | 150.96 | 4/15/1996 | 34.80 | -- | 116.16 |
| | | 0.6 / 0.2 | 123.8 | 124.2 | 150.96 | 7/15/1996 | 35.40 | -- | 115.56 |
| | | -- / -- | 123.8 | 124.2 | 150.96 | 10/7/1996 | 39.22 | -- | 111.74 |
| | | 0.0 / 0.0 | 123.8 | 124.3 | 150.96 | 1/13/1997 | 37.50 | -- | 113.46 |
| | | 0.6 / 0.2 | 123.8 | 124.3 | 150.96 | 4/15/1997 | 34.60 | -- | 116.36 |
| | | -- / -- | 123.8 | 124.3 | 150.96 | 7/8/1997 | 34.51 | -- | 116.45 |
| | | 0.3 / 0.0 | 123.8 | 124.0 | 150.96 | 10/14/1997 | 38.03 | -- | 112.93 |
| | | 0.0 / 0.0 | 123.8 | 123.6 | 150.96 | 1/13/1998 | 39.99 | 0.2 | 110.97 |
| | | 11.7 / 0.1 | 123.8 | 123.8 | 150.96 | 4/21/1998 | 34.92 | -- | 116.04 |
| | | 0.0 / 0.0 | 123.8 | 123.8 | 150.96 | 7/14/1998 | 33.63 | -- | 117.33 |
| | | 1.4 / 1.4 | 123.8 | 124.1 | 150.96 | 10/19/1998 | 36.24 | -- | 114.72 |
| | | 28.4 / 2.5 | 123.8 | 124.0 | 150.96 | 1/19/1999 | 39.04 | -- | 111.92 |
| | | 1.1 / 0.0 | 123.8 | 123.9 | 150.96 | 4/20/1999 | 39.15 | -- | 111.81 |
| | | 1.4 / 1.4 | 123.8 | 123.9 | 150.96 | 7/20/1999 | 39.22 | -- | 111.74 |
| | | 0.0 / 0.0 | 123.8 | 124.0 | 150.96 | 10/22/1999 | 47.08 | -- | 103.88 |
| | | 0.0 / 0.0 | 123.8 | 124.3 | 150.96 | 1/25/2000 | 50.95 | -- | 100.01 |
| | | 0.0 / 0.0 | 123.8 | 124.0 | 150.96 | 4/24/2000 | 44.42 | -- | 106.54 |
| | | 1.8 / 0.0 | 123.8 | 123.7 | 150.96 | 10/17/2000 | 44.27 | 0.1 | 106.69 |
| | | 1.8 / 0.0 | 123.8 | 123.7 | 150.96 | 10/25/2000 | 44.27 | 0.1 | 106.69 |
| | | 0.0 / 0.0 | 123.8 | 123.4 | 150.96 | 4/17/2001 | 41.92 | 0.4 | 109.04 |
| | | 0.0 / 0.0 | 123.8 | 123.8 | 150.96 | 7/17/2001 | 41.34 | -- | 109.62 |
| | | 0.0 / 0.0 | 123.8 | 123.9 | 150.96 | 10/16/2001 | 45.88 | -- | 105.08 |
| | | 0.0 / 0.0 | 123.8 | 124.5 | 150.96 | 1/15/2002 | 44.64 | -- | 106.32 |
| | | 0.0 / 0.0 | 123.8 | 123.8 | 150.96 | 4/16/2002 | 44.13 | -- | 106.83 |
| | | 0.0 / 0.0 | 123.8 | 123.8 | 150.96 | 7/24/2002 | 48.60 | -- | 102.36 |
| | | 38.1 / 0.0 | 123.8 | 123.8 | 150.96 | 10/22/2002 | 51.95 | -- | 99.01 |
| | | 0.1 / 0.1 | 123.8 | 123.8 | 150.96 | 1/24/2003 | 50.11 | -- | 100.85 |
| | | 0.0 / 0.0 | 123.8 | 124.05 | 150.96 | 4/23/2003 | 46.10 | -- | 104.86 |
| | | 0.2 / 0.0 | 123.8 | 124.92 | 150.96 | 7/29/2003 | 49.24 | -- | 101.72 |
| | | 1.1 / 0.0 | 123.8 | 124.10 | 150.96 | 10/21/2003 | 55.27 | -- | 95.69 |
| | | 0.7 / 0.0 | 123.8 | 124.05 | 150.96 | 1/21/2004 | 56.87 | -- | 94.09 |
| | | 0.4 / 0.4 | 123.8 | 124.06 | 150.96 | 4/20/2004 | 55.98 | -- | 94.98 |
| | | 0.9 / 0.0 | 123.8 | 123.77 | 150.96 | 7/20/2004 | 59.14 | 0.0 | 91.82 |
| | | 0.0 / 0.0 | 123.8 | 123.92 | 150.96 | 10/11/2004 | 63.31 | -- | 87.65 |
| | | 0.0 / 0.0 | 123.8 | 123.57 | 150.62 | 1/26/2005 | 59.29 | 0.2 | 91.33 |

# Table C-1
# Phibrotech, Inc.
# Groundwater Elevations

| Well ID | Perforated Intervals (feet bgs) | Well Headspace* (ppm) | Total Depth Constructed (feet bgs) | Total Depth Measured (feet below MP) | MP Elevation (feet MSL) | Date | Depth to Water (feet below MP) | Calculated Casing Fill (feet) | Groundwater Elevation (feet MSL) |
|---|---|---|---|---|---|---|---|---|---|
| MW-15D | 108.5-123.5 | 0.6 / 0.1 | 123.8 | 123.6 | 150.62 | 4/26/2005 | 49.45 | 0.2 | 101.17 |
| | | 0.0 / 0.0 | 123.8 | 123.63 | 150.62 | 7/26/2005 | 47.09 | 0.2 | 103.53 |
| | | 0.2 / 0.0 | 123.8 | 123.4 | 150.62 | 10/18/2005 | 48.00 | 0.4 | 102.62 |
| | | 1.1 / 1.0 | 123.8 | 123.65 | 150.62 | 1/25/2006 | 49.33 | 0.1 | 101.29 |
| | | 0.0 / 0.8 | 123.8 | 123.52 | 150.62 | 4/25/2006 | 46.45 | 0.3 | 104.17 |
| | | 0.0 / 0.0 | 123.8 | 123.4 | 150.62 | 7/25/2006 | 45.83 | 0.4 | 104.79 |
| | | 0.0 / 0.0 | 123.8 | 123.48 | 150.62 | 10/24/2006 | 48.13 | 0.3 | 102.49 |
| | | 0.0 / 0.0 | 123.8 | 123.45 | 150.62 | 1/17/2007 | 48.04 | 0.3 | 102.58 |
| | | 0.0 / 0.0 | 123.8 | 123.60 | 150.62 | 4/17/2007 | 46.55 | 0.2 | 104.07 |
| | | 0.0 / 0.0 | 123.8 | 123.50 | 150.62 | 7/24/2007 | 48.10 | 0.3 | 102.52 |
| | | 0.0 / 0.0 | 123.8 | 123.54 | 150.62 | 10/23/2007 | 54.28 | 0.3 | 96.34 |
| | | 0.2 / 0.0 | 123.8 | 123.34 | 150.62 | 1/29/2008 | 56.37 | 0.5 | 94.25 |
| | | 0.0 / 0.2 | 123.8 | 123.57 | 150.62 | 4/22/2008 | 53.11 | 0.2 | 97.51 |
| | | 0.0 / 0.0 | 123.8 | 123.51 | 150.62 | 7/28/2008 | 57.80 | 0.3 | 92.82 |
| MW-15S | 51.5-71.5 | 0.0 / 0.0 | 72.0 | 73.0 | 151.01 | 10/15/1990 | 53.30 | -- | 97.71 |
| | | 3.0 / 0.0 | 72.0 | 71.5 | 151.01 | 1/7/1991 | 53.91 | 0.5 | 97.10 |
| | | -- / 0.0 | 72.0 | 71.0 | 151.01 | 4/8/1991 | 51.13 | 1.0 | 99.88 |
| | | 5.9 / 0.0 | 71.5 | 71.2 | 151.01 | 7/8/1991 | 50.07 | 0.3 | 100.94 |
| | | 6.7 / 0.0 | 71.5 | 71.2 | 151.01 | 10/21/1991 | 50.66 | 0.3 | 100.35 |
| | | 1.2 / 0.0 | 71.5 | 71.4 | 151.01 | 1/13/1992 | 48.26 | 0.1 | 102.75 |
| | | 8.4 / 0.0 | 71.5 | 71.2 | 151.01 | 3/30/1992 | 45.72 | 0.3 | 105.29 |
| | | 0.2 / 0.0 | 71.5 | 71.9 | 151.01 | 7/13/1992 | 45.06 | -- | 105.95 |
| | | 19.0 / 0.0 | 71.5 | 71.9 | 151.01 | 10/13/1992 | 42.64 | -- | 108.37 |
| | | -- / 0.0 | 71.5 | 70.4 | 151.01 | 1/19/1993 | 44.43 | 1.1 | 106.58 |
| | | 0.0 / 0.0 | 71.5 | 71.7 | 151.01 | 4/19/1993 | 36.60 | -- | 114.41 |
| | | 0.0 / 0.0 | 71.5 | 71.4 | 151.01 | 7/12/1993 | 36.00 | 0.1 | 115.01 |
| | | 0.4 / 0.0 | 71.5 | 71.5 | 151.01 | 10/12/1993 | 35.94 | -- | 115.07 |
| | | 0.0 / 0.0 | 71.5 | 71.6 | 151.01 | 1/10/1994 | 36.11 | -- | 114.90 |
| | | 0.2 / 0.2 | 71.5 | 71.6 | 151.01 | 4/11/1994 | 35.29 | -- | 115.72 |
| | | 4.5 / 0.0 | 71.5 | 71.5 | 151.01 | 7/18/1994 | 34.70 | -- | 116.31 |
| | | 8.9 / 4.4 | 71.5 | 71.5 | 151.01 | 10/10/1994 | 40.59 | -- | 110.42 |
| | | 1.5 / 0.4 | 71.5 | 71.4 | 151.01 | 2/8/1995 | 39.84 | 0.1 | 111.17 |
| | | 0.0 / 0.0 | 71.5 | 71.6 | 151.01 | 4/17/1995 | 33.86 | -- | 117.15 |
| | | 0.0 / 0.0 | 71.5 | 71.4 | 151.01 | 7/10/1995 | 32.40 | 0.1 | 118.61 |
| | | 0.7 / 0.0 | 71.5 | 71.4 | 151.01 | 10/9/1995 | 36.06 | 0.1 | 114.95 |
| | | 0.0 / 0.0 | 71.5 | 71.7 | 151.01 | 1/29/1996 | 38.32 | -- | 112.69 |
| | | 0.9 / 0.0 | 71.5 | 71.7 | 151.01 | 4/15/1996 | 34.92 | -- | 116.09 |
| | | 14.0 / 0.8 | 71.5 | 71.7 | 151.01 | 7/15/1996 | 35.32 | -- | 115.69 |
| | | 0.7 / 0.4 | 71.5 | 71.7 | 151.01 | 10/7/1996 | 39.20 | -- | 111.81 |
| | | 0.3 / 0.3 | 71.5 | 71.8 | 151.01 | 1/13/1997 | 37.59 | -- | 113.42 |
| | | 0.1 / 0.1 | 71.5 | 71.8 | 151.01 | 4/15/1997 | 34.66 | -- | 116.35 |
| | | -- / -- | 71.5 | 71.8 | 151.01 | 7/8/1997 | 34.41 | -- | 116.60 |
| | | 0.5 / 0.0 | 71.5 | 70.6 | 151.01 | 10/14/1997 | 37.93 | 0.9 | 113.08 |
| | | 0.9 / 0.0 | 71.5 | 71.5 | 151.01 | 1/13/1998 | 39.95 | 0.0 | 111.06 |
| | | 237.0 / 0.1 | 71.5 | 71.4 | 151.01 | 4/21/1998 | 34.96 | 0.1 | 116.05 |
| | | 0.0 / 0.0 | 71.5 | 71.4 | 151.01 | 7/14/1998 | 33.54 | 0.1 | 117.47 |
| | | 2.0 / 0.0 | 71.5 | 71.4 | 151.01 | 10/19/1998 | 36.14 | 0.1 | 114.87 |
| | | 31.4 / 1.9 | 71.5 | 71.5 | 151.01 | 1/19/1999 | 39.03 | -- | 111.98 |
| | | 2.3 / 1.1 | 71.5 | 71.4 | 151.01 | 4/20/1999 | 39.16 | 0.1 | 111.85 |
| | | 1.7 / 1.4 | 71.5 | 71.4 | 151.01 | 7/20/1999 | 39.12 | 0.1 | 111.89 |
| | | 0.0 / 0.0 | 71.5 | 71.4 | 151.01 | 10/22/1999 | 46.94 | 0.1 | 104.07 |
| | | 4.0 / 0.0 | 71.5 | 71.5 | 151.01 | 1/25/2000 | 50.92 | -- | 100.09 |
| | | 1.2 / 0.0 | 71.5 | 71.4 | 151.01 | 4/24/2000 | 44.45 | 0.1 | 106.56 |
| | | 0.0 / 0.0 | 71.5 | 71.2 | 151.01 | 10/17/2000 | 44.19 | 0.3 | 106.82 |
| | | 0.0 / 0.0 | 71.5 | 71.2 | 151.01 | 10/25/2000 | 44.19 | 0.3 | 106.82 |
| | | 0.0 / 0.0 | 71.5 | 71.4 | 151.01 | 4/17/2001 | 41.88 | 0.1 | 109.13 |
| | | 0.0 / 0.0 | 71.5 | 71.4 | 151.01 | 7/17/2001 | 41.17 | 0.1 | 109.84 |
| | | 0.0 / 0.0 | 71.5 | 71.6 | 151.01 | 10/16/2001 | 45.74 | -- | 105.27 |
| | | 0.0 / 0.0 | 71.5 | 71.2 | 151.01 | 1/15/2002 | 44.64 | 0.3 | 106.37 |
| | | 0.0 / 0.0 | 71.5 | 71.3 | 151.01 | 4/16/2002 | 44.02 | 0.2 | 106.99 |
| | | 0.1 / 0.1 | 71.5 | 71.0 | 151.01 | 7/24/2002 | 48.44 | 0.5 | 102.57 |
| | | 30.8 / 0.1 | 71.5 | 71.0 | 151.01 | 10/22/2002 | 51.98 | 0.5 | 99.03 |
| | | 0.4 / 0.1 | 71.5 | 71.0 | 151.01 | 1/24/2003 | 50.10 | 0.5 | 100.91 |
| | | 4.0 / 0.1 | 71.5 | 71.46 | 151.01 | 4/23/2003 | 46.02 | 0.0 | 104.99 |
| | | 0.6 / 0.0 | 71.5 | 71.40 | 151.01 | 7/29/2003 | 49.02 | 0.1 | 101.99 |
| | | 0.0 / 0.0 | 71.5 | 71.43 | 151.01 | 10/21/2003 | 55.02 | 0.1 | 95.99 |
| | | 0.0 / 0.0 | 71.5 | 71.49 | 151.01 | 1/21/2004 | 56.77 | 0.0 | 94.24 |
| | | 0.4 / 0.4 | 71.5 | 71.47 | 151.01 | 4/20/2004 | 55.88 | 0.0 | 95.13 |

**Table C-1**
**Phibrotech, Inc.**
**Groundwater Elevations**

| Well ID | Perforated Intervals (feet bgs) | Well Headspace* (ppm) | Total Depth Constructed (feet bgs) | Total Depth Measured (feet below MP) | MP Elevation (feet MSL) | Date | Depth to Water (feet below MP) | Calculated Casing Fill (feet) | Groundwater Elevation (feet MSL) |
|---|---|---|---|---|---|---|---|---|---|
| MW-15S | 51.5-71.5 | 0.9 / 0.0 | 71.5 | 71.25 | 151.01 | 7/20/2004 | 58.85 | 0.3 | 92.16 |
| | | 0.0 / 0.0 | 71.5 | 71.45 | 151.01 | 10/11/2004 | 63.02 | 0.0 | 87.99 |
| | | 0.0 / 0.0 | 71.5 | 71.26 | 150.74 | 1/26/2005 | 59.66 | 0.2 | 91.08 |
| | | 0.5 / 0.0 | 71.5 | 71.12 | 150.74 | 4/26/2005 | 49.63 | 0.4 | 101.11 |
| | | 0.3 / 0.0 | 71.5 | 71.12 | 150.74 | 7/26/2005 | 46.96 | 0.4 | 103.78 |
| | | 0.2 / 0.0 | 71.5 | 70.97 | 150.74 | 10/18/2005 | 47.85 | 0.5 | 102.89 |
| | | 1.1 / 1.0 | 71.5 | 71.21 | 150.74 | 1/25/2006 | 49.32 | 0.3 | 101.42 |
| | | 0.0 / 0.8 | 71.5 | 71.1 | 150.74 | 4/25/2006 | 46.37 | 0.4 | 104.37 |
| | | 0.0 / 0.0 | 71.5 | 71.10 | 150.74 | 7/25/2006 | 45.86 | 0.4 | 104.88 |
| | | 0.0 / 0.0 | 71.5 | 71.10 | 150.74 | 10/24/2006 | 48.50 | 0.4 | 102.24 |
| | | 0.0 / 0.0 | 71.5 | 71.11 | 150.74 | 1/17/2007 | 48.10 | 0.4 | 102.64 |
| | | 0.0 / 0.0 | 71.5 | 71.05 | 150.74 | 4/17/2007 | 46.63 | 0.5 | 104.11 |
| | | 0.0 / 0.0 | 71.5 | 71.16 | 150.74 | 7/24/2007 | 47.66 | 0.3 | 103.08 |
| | | 0.0 / 0.0 | 71.5 | 71.05 | 150.74 | 10/23/2007 | 54.08 | 0.5 | 96.66 |
| | | 0.0 / 0.0 | 71.5 | 70.79 | 150.74 | 1/29/2008 | 56.40 | 0.7 | 94.34 |
| | | 1.9 / 0.0 | 71.5 | 71.17 | 150.74 | 4/22/2008 | 53.07 | 0.3 | 97.67 |
| | | 0.0 / 0.0 | 71.5 | 71.04 | 150.74 | 7/28/2008 | 57.68 | 0.5 | 93.06 |
| MW-16 | 42-62 | 0.0 / 0.0 | 62.5 | 62.5 | 150.22 | 3/30/1992 | 44.23 | -- | 105.99 |
| | | 3.0 / 0.0 | 62.5 | 62.5 | 150.22 | 7/13/1992 | 43.52 | -- | 106.70 |
| | | 30.0 / 0.0 | 62.5 | 61.6 | 150.22 | 10/13/1992 | 46.15 | 0.9 | 104.07 |
| | | -- / 0.0 | 62.5 | 61.8 | 150.22 | 1/19/1993 | 42.92 | 0.7 | 107.30 |
| | | 155.0 / 0.0 | 62.5 | 71.7 | 150.22 | 4/19/1993 | 35.32 | -- | 114.90 |
| | | 0.0 / 0.0 | 62.5 | 61.8 | 150.22 | 7/12/1993 | 34.68 | 0.7 | 115.54 |
| | | 0.5 / 0.0 | 62.5 | 62.0 | 150.22 | 10/12/1993 | 34.71 | 0.5 | 115.51 |
| | | 13.0 / 0.0 | 62.5 | 62.0 | 150.22 | 1/10/1994 | 34.76 | 0.5 | 115.46 |
| | | 1.0 / 0.7 | 62.5 | 62.0 | 150.22 | 4/11/1994 | 33.97 | 0.5 | 116.25 |
| | | 15.0 / 0.1 | 62.5 | 61.9 | 150.22 | 7/18/1994 | 33.44 | 0.6 | 116.78 |
| | | 143.0 / 44.0 | 62.5 | 61.9 | 150.22 | 10/10/1994 | 39.20 | 0.6 | 111.02 |
| | | 70.0 / 11.0 | 62.5 | 61.9 | 150.22 | 2/8/1995 | 38.14 | 0.6 | 112.08 |
| | | 1.0 / 0.0 | 62.5 | 62.0 | 150.22 | 4/17/1995 | 32.62 | 0.5 | 117.60 |
| | | 0.0 / 0.0 | 62.5 | 61.9 | 150.22 | 7/10/1995 | 31.23 | 0.6 | 118.99 |
| | | 7.4 / 1.0 | 62.5 | 61.9 | 150.22 | 10/9/1995 | 34.77 | 0.6 | 115.45 |
| | | 68.0 / 0.0 | 62.5 | 62.2 | 150.22 | 1/29/1996 | 36.73 | 0.3 | 113.49 |
| | | 31.0 / 0.0 | 62.5 | 62.2 | 150.22 | 4/15/1996 | 33.50 | 0.3 | 116.72 |
| | | 18.0 / 2.1 | 62.5 | 62.2 | 150.22 | 7/15/1996 | 33.98 | 0.3 | 116.24 |
| | | 15.0 / 12.0 | 62.5 | 62.2 | 150.22 | 10/7/1996 | 37.63 | 0.3 | 112.59 |
| | | 8.6 / 0.3 | 62.5 | 62.3 | 150.22 | 1/13/1997 | 36.04 | 0.2 | 114.18 |
| | | 6.7 / 1.5 | 62.5 | 62.3 | 150.22 | 4/15/1997 | 33.21 | 0.2 | 117.01 |
| | | -- / -- | 62.5 | 62.3 | 150.22 | 7/8/1997 | 33.10 | 0.2 | 117.12 |
| | | 25.8 / 0.0 | 62.5 | 62.1 | 150.22 | 10/14/1997 | 36.56 | 0.4 | 113.66 |
| | | 33.1 / 0.0 | 62.5 | 61.9 | 150.22 | 1/13/1998 | 38.30 | 0.6 | 111.92 |
| | | 9.1 / 0.1 | 62.5 | 61.9 | 150.22 | 4/21/1998 | 33.43 | 0.6 | 116.79 |
| | | 5.0 / 0.4 | 62.5 | 62.0 | 150.27 | 7/14/1998 | 32.27 | 0.5 | 118.00 |
| | | 16.0 / 0.0 | 62.5 | 62.0 | 150.27 | 10/19/1998 | 34.85 | 0.5 | 115.42 |
| | | 51.0 / 3.4 | 62.5 | 62.0 | 150.27 | 1/19/1999 | 37.59 | 0.5 | 112.68 |
| | | 14.0 / 1.1 | 62.5 | 62.0 | 150.27 | 4/20/1999 | 37.68 | 0.5 | 112.59 |
| | | 10.2 / 1.4 | 62.5 | 62.0 | 150.27 | 7/20/1999 | 37.84 | 0.5 | 112.43 |
| | | 35.7 / 0.0 | 62.5 | 62.0 | 150.27 | 10/22/1999 | 45.46 | 0.5 | 104.81 |
| | | 9.0 / 0.0 | 62.5 | 62.4 | 150.27 | 1/25/2000 | 49.24 | 0.1 | 101.03 |
| | | -- / -- | 62.5 | 62.0 | 150.27 | 4/24/2000 | 43.02 | 0.5 | 107.25 |
| | | 6.3 / 0.0 | 62.5 | 61.8 | 150.27 | 10/17/2000 | 42.76 | 0.8 | 107.51 |
| | | 6.3 / 0.0 | 62.5 | 61.8 | 150.27 | 10/25/2000 | 42.76 | 0.8 | 107.51 |
| | | 3.2 / 0.0 | 62.5 | 62.0 | 150.27 | 4/17/2001 | 40.40 | 0.5 | 109.87 |
| | | 3.2 / 0.0 | 62.5 | 61.8 | 150.27 | 7/17/2001 | 39.93 | 0.7 | 110.34 |
| | | 0.0 / 0.0 | 62.5 | 62.2 | 150.27 | 10/16/2001 | 44.29 | 0.3 | 105.98 |
| | | 0.6 / 0.0 | 62.5 | 62.2 | 150.27 | 1/15/2002 | 43.10 | 0.3 | 107.17 |
| | | 7.7 / 0.1 | 62.5 | 61.9 | 150.27 | 4/16/2002 | 42.67 | 0.6 | 107.60 |
| | | 0.8 / 0.0 | 62.5 | 62.2 | 150.27 | 7/24/2002 | 46.96 | 0.3 | 103.31 |
| | | 2.8 / 0.0 | 62.5 | 62.2 | 150.27 | 10/22/2002 | 50.43 | 0.3 | 99.84 |
| | | 2.1 / 0.1 | 62.5 | 62.2 | 150.27 | 1/24/2003 | 48.50 | 0.3 | 101.77 |
| | | 2.8 / 0.1 | 62.5 | 62.13 | 150.27 | 4/23/2003 | 44.62 | 0.4 | 105.65 |
| | | 3.7 / 0.0 | 62.5 | 62.12 | 150.27 | 7/29/2003 | 44.49 | 0.4 | 105.78 |
| | | -- / 0.0 | 62.5 | 62.11 | 150.27 | 10/21/2003 | 53.32 | 0.4 | 96.95 |
| | | 1.4 / 0.0 | 62.5 | 62.11 | 150.27 | 1/21/2004 | 54.94 | 0.4 | 95.33 |
| | | 36.0 / 0.2 | 62.5 | 62.10 | 150.27 | 4/20/2004 | 54.30 | 0.4 | 95.97 |
| | | 1.4 / 0.4 | 62.5 | 62.00 | 150.27 | 7/20/2004 | 57.15 | 0.5 | 93.12 |
| | | 0.0 / 0.0 | 62.5 | 62.00 | 150.27 | 10/11/2004 | 61.15 | 0.5 | 89.12 |
| | | 14.9 / 5.5 | 62.5 | 61.65 | 149.98 | 1/26/2005 | 58.17 | 0.9 | 91.81 |

## Table C-1
## Phibrotech, Inc.
## Groundwater Elevations

| Well ID | Perforated Intervals (feet bgs) | Well Headspace* (ppm) | Total Depth Constructed (feet bgs) | Total Depth Measured (feet below MP) | MP Elevation (feet MSL) | Date | Depth to Water (feet below MP) | Calculated Casing Fill (feet) | Groundwater Elevation (feet MSL) |
|---|---|---|---|---|---|---|---|---|---|
| MW-16 | 42-62 | 19.3 / 0.0 | 62.5 | 61.74 | 149.98 | 4/26/2005 | 48.22 | 0.8 | 101.76 |
| | | 6.7 / 0.0 | 62.5 | 61.61 | 149.98 | 7/26/2005 | 45.56 | 0.9 | 104.42 |
| | | 1.0 / 0.0 | 62.5 | 61.48 | 149.98 | 10/18/2005 | 46.65 | 1.0 | 103.33 |
| | | 11.2 / 1.1 | 62.5 | 61.74 | 149.98 | 1/25/2006 | 47.65 | 0.8 | 102.33 |
| | | 19.0 / 0.0 | 62.5 | 60.43 | 149.98 | 4/25/2006 | 44.89 | 2.1 | 105.09 |
| | | 5.6 / 0.1 | 62.5 | 61.73 | 149.98 | 7/25/2006 | 44.33 | 0.8 | 105.65 |
| | | 16.9 / 0.0 | 62.5 | 61.70 | 149.98 | 10/24/2006 | 46.60 | 0.8 | 103.38 |
| | | 8.0 / 0.0 | 62.5 | 61.73 | 149.98 | 1/17/2007 | 46.44 | 0.8 | 103.54 |
| | | 24.5 / 0.0 | 62.5 | 61.73 | 149.98 | 4/17/2007 | 45.08 | 0.8 | 104.90 |
| | | 9.7 / 0.0 | 62.5 | 61.63 | 149.98 | 7/24/2007 | 46.19 | 0.9 | 103.79 |
| | | 32.2 / 0.3 | 62.5 | 61.69 | 149.98 | 10/23/2007 | 52.28 | 0.8 | 97.70 |
| | | 0.0 / 0.0 | 62.5 | 61.58 | 149.98 | 1/29/2008 | 54.61 | 0.9 | 95.37 |
| | | 1.1 / 0.0 | 62.5 | 61.70 | 149.98 | 4/22/2008 | 51.52 | 0.8 | 98.46 |
| | | 0.3 / 0.1 | 62.5 | 55.76 | 149.98 | 7/28/2008 | 55.76 | 6.7 | 94.22 |

MP = Measuring point (top of casing)
--- = Not measured or not calculated.
bgs = below ground surface
ppm = parts per million
NM = Not measured
MSL = mean sea level
* Measured with PID prior to sampling (casing/background).

**Table C-2**
**Phibro-Tech, Inc.**
**Historical Groundwater Analytical Results**
**Volatile Organic Compounds (VOCs) Analytical Summary**

| Well Number | Sample Date | Sample Type | Non-chlorinated VOCs | | | | | | | | | | Chlorinated VOCs | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Ben (1) | Tol (150) | e-Ben (300) | T-Xyl (1,750) | N-P Ben | ISB | NAP | 1,4-Diox | PIPT | STY (0.1) | BDCM | Chloro benzene (70) | CCl4 (0.5) | CFM (80) | MCL (5) | Chloro-ethane | Chloro-methane | cis-1,2-DCE (6) | 1,2-DBE (0.05) | 1,1-DCA (5) | 1,2-DCA (0.5) | 1,2-DCB (600) | 1,3-DCB | 1,4-DCB (5) | 1,1-DCE (6) | DCFM | trans-1,2-DCE (10) | 1,1,2,2-PCA (1) | PCE (5) | 1,1,1-TCA (200) | 1,1,2-TCA (5) | 1,2,3-TCB | 1,2,4-TCB (5) | 1,2,4-TMB | TCE (5) | TFM (150) | Vinyl chloride (0.5) |
| MW-01D | 10/15/1990 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | -- | 5 U | 5 U | 6.3 | 5 U | 5 U | -- | -- | -- | 26 | 5 U | 5 U |
| | 1/15/1991 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | -- | -- | -- | -- | 1 U | 1 U | -- | -- | -- | 1 U | -- | -- | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | -- | -- |
| | 4/15/1991 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 2 B | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 3.6 | 1 U | 1 U | -- | -- | -- | 40 | 1 U | 1 U |
| | 7/15/1991 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 2.1 | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 14 | 1 U | 1 U |
| | 10/23/1991 | | 0.5 U | 0.5 U | 0.5 U | 1 U | -- | -- | -- | -- | -- | -- | 0.2 U | 0.5 U | 0.2 U | 0.2 U | 2 U | 0.2 U | 0.2 U | 0.2 U | -- | 0.2 U | 0.2 U | 0.5 U | 0.5 U | 0.5 U | 0.2 U | 1 U | 0.2 U | 0.2 U | 0.54 | 0.2 U | 0.2 U | -- | -- | -- | 10 | 2 U | 0.2 U |
| | 1/15/1992 | | 1 U | 1 U | 1 U | 3 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 2 | 1 U | -- | -- | -- | 3.6 | 1 U | 1 U |
| | 4/15/1992 | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | -- | -- | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.6 | 0.5 U | 0.5 U |
| | 7/15/1992 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 1.2 | 1 U | 1 U |
| | 10/15/1992 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 2.2 | 1 U | 1 U |
| | 1/15/1993 | | 0.5 U | 7.4 | 11 | 25 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 1.5 | 1 U | 1 U |
| | 4/19/1993 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1.5 B | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 1.5 | 1 U | 1 U |
| | 7/12/1993 | | 0.5 U | 3.5 | 3 | 7.1 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1.8 B | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 1 U | 1 U | 1 U |
| | 10/12/1993 | | 0.5 U | 1 U | 2.1 | 4.1 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 1 U | 1 U | 1 U |
| | 1/10/1994 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 1.4 | 1 U | 1 U |
| | 4/11/1994 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 1.6 | 1 U | 1 U |
| | 7/18/1994 | | 0.5 U | 1.5 | 1 U | 3.7 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 1.3 | 1 U | 1 U |
| | 10/10/1994 | | 0.5 U | 1 U | 1 U | 5.8 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 1.5 | 1 U | 1 U |
| | 1/17/1995 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 3.5 | 1 U | 1 U | -- | -- | -- | 1 U | 1 U | 1 U |
| | 4/17/1995 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 6.1 B | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 3.6 | 1 U | 1 U | -- | -- | -- | 1.3 | 1 U | 1 U |
| | 7/10/1995 | | 0.5 U | 2.4 | 6 | 9.4 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 4.7 | 1 U | 1 U | -- | -- | -- | 1.2 | 1 U | 1 U |
| | 10/9/1995 | | 0.5 U | 1 U | 1 U | 2 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1.9 | 1 U | 1 U | -- | -- | -- | 1.4 | 1 U | 1 U |
| | 1/30/1996 | | 0.5 U | 1 U | 1 U | 1.8 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1.4 | 1 U | 1 U | -- | -- | -- | 1.2 | 1 U | 1 U |
| | 4/15/1996 | | 0.5 U | 1 U | 4.1 | 5.7 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 1.4 | 1 U | 1 U |
| | 7/15/1996 | | 0.5 U | 1 U | 3.5 | 5.5 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 1.4 | 1 U | 1 U |
| | 10/7/1996 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 1.5 | 1 U | 1 U |
| | 1/13/1997 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 1.5 | 1 U | 1 U |
| | 4/15/1997 | | 0.5 U | 2.3 | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 4.4 | 1 U | 1 U | -- | -- | -- | 2.7 | 1 U | 1 U |
| | 7/8/1997 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 3.9 | 1 U | 1 U | -- | -- | -- | 2.1 | 1 U | 1 U |
| | 10/14/1997 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 2 | 1 U | 1 U | -- | -- | -- | 3.2 | 1 U | 1 U |
| | 1/13/1998 | | 0.5 U | 1 U | 1.1 | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1.3 | 1 U | 1 U | -- | -- | -- | 3 | 1 U | 1 U |
| | 4/21/1998 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 2.2 | 1 U | 1 U |
| | 7/15/1998 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 1.9 | 1 U | 1 U |
| | 10/20/1998 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1.1 | 1 U | 1 U | -- | -- | -- | 2.4 | 1 U | 1 U |
| | 1/15/1999 | | 0.5 U | 1 U | 1 | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 2 | 1 U | 1 U |
| | 4/15/1999 | | 1 U | 1 U | 1.6 | 2 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 2.1 | 2 U | 2 U |
| | 7/15/1999 | | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 2.4 | 1 U | 1 U | -- | -- | -- | 2.7 | 2 U | 2 U |
| | 10/15/1999 | | 1 U | 1 U | 1 U | 2 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 4.9 | 1 U | 1 U | -- | -- | -- | 2 | 2 U | 2 U |
| | 1/25/2000 | | 1 U | 1 U | 1 U | 2 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 21 | 1 U | 1 U | -- | -- | -- | 7.1 | 2 U | 2 U |
| | 4/15/2000 | | 1 U | 1.7 | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 6 | 1 U | 1 U | -- | -- | -- | 3.3 | 2 U | 2 U |

# Table C-2
## Phibro-Tech, Inc.
## Historical Groundwater Analytical Results
## Volatile Organic Compounds (VOCs) Analytical Summary

| Well Number | Sample Date | Sample Type | Non-chlorinated VOCs | | | | | | | | | | Chlorinated VOCs | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Ben (1) | Tol (150) | e-Ben (300) | T-Xyl (1,750) | N-P Ben | ISB | NAP | 1,4-Diox | PIPT | STY (0.1) | BDCM | Chloro benzene (70) | CCl4 (0.5) | CFM (80) | MCL (5) | Chloro-ethane | Chloro-methane | cis-1,2-DCE (6) | 1,2-DBE (0.05) | 1,1-DCA (5) | 1,2-DCA (0.5) | 1,2-DCB (600) | 1,3-DCB | 1,4-DCB (5) | 1,1-DCE (6) | DCFM | trans-1,2-DCE (10) | 1,1,2,2-PCA (1) | PCE (5) | 1,1,1-TCA (200) | 1,1,2-TCA (5) | 1,2,3-TCB | 1,2,4-TCB (5) | 1,2,4-TMB | TCE (5) | TFM (150) | Vinyl chloride (0.5) |
| MW-01D | 10/15/2000 | | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 7.6 | 1 U | 1 U | -- | -- | -- | 3.1 | 2 U | 2 U |
| | 4/15/2001 | | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 5.6 | 1 U | 1 U | -- | -- | -- | 2.7 | 2 U | 2 U |
| | 7/17/2001 | | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 2.1 | 2 U | 2 U |
| | 10/16/2001 | | 1.5 | 1 U | 1 U | 1.5 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 5.3 | 1 U | 1 U | -- | -- | -- | 3.5 | 2 U | 2 U |
| | 1/15/2002 | | 1.6 | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 2.5 | 1 U | 1 U | -- | -- | -- | 1.8 | 2 U | 2 U |
| | 4/16/2002 | | 1 U | 1 U | 1 U | 2 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 3.9 | 1 U | 1 U | -- | -- | -- | 3.3 | 2 U | 2 U |
| | 7/24/2002 | | 1 U | 1 U | 1 U | 2 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1.7 | 1 U | 1 U | -- | -- | -- | 2.8 | 2 U | 2 U |
| | 10/22/2002 | | 1 U | 1 U | 1 U | 2 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 2.5 | 1 U | 1 U | -- | -- | -- | 1.8 | 2 U | 2 U |
| | 1/8/2003 | | 0.67 | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 2.8 | 1 U | 1 U | 1 U | 1 U | 1 U | 2.2 | 1 U | 0.5 U |
| | 4/23/2003 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 1.8 | 1 U | 1 U | 1 U | 1 U | 1 U | 1.9 | 1 U | 0.5 U |
| | 7/30/2003 | | 0.98 | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 1.6 | 1 U | 1 U | 1 U | 1 U | 1 U | 1.6 | 1 U | 0.5 U |
| | 10/21/2003 | | 1.2 | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 1.4 | 1 U | 1 U | 1 U | 1 U | 1 U | 2.4 | 1 U | 0.5 U |
| | 1/21/2004 | | 4 | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 5.7 | 1 U | 1 U | 1 U | 1 U | 1 U | 10 | 1 U | 0.5 U |
| | 4/20/2004 | | 0.58 | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 3 | 1 U | 1 U | 1 U | 1 U | 1 U | 6.9 | 1 U | 0.5 U |
| | 7/20/2004 | | 0.98 | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1.1 | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 3 | 5 U | 1 U | 1 U | 23 | 1 U | 1 U | 1 U | 1 U | 1 U | 66 | 12 | 0.5 U |
| | 10/11/2004 | | 1.1 | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 2.6 | 5 U | 1 U | 1 U | 8.6 | 1 U | 1 U | 1 U | 1 U | 1 U | 34 | 5.7 | 0.5 U |
| | 1/26/2005 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1.5 | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 4 | 5 U | 1 U | 1 U | 24 | 1 U | 1 U | 1 U | 1 U | 1 U | 53 | 13 | 0.5 U |
| | 4/26/2005 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1.6 | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 5.6 | 5 U | 1 U | 1 U | 22 | 1 U | 1 U | 1 U | 1 U | 1 U | 82 | 18 | 0.5 U |
| | 7/26/2005 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1.2 | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1.4 | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 4.2 | 5 U | 1 U | 1 U | 9.8 | 1 U | 1 U | 1 U | 1 U | 1 U | 58 | 13 | 0.5 U |
| | 10/18/2005 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1.1 | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 3.5 | 5 U | 1 U | 1 U | 7.5 | 1 U | 1 U | 1 U | 1 U | 1 U | 47 | 12 | 0.5 U |
| | 1/25/2006 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1.4 | 1 U | 5 U | 1 U | 1 U | 1.2 | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 4.1 | 5 U | 1 U | 1 U | 9.9 | 1 U | 1 U | 1 U | 1 U | 1 U | 61 | 13 | 0.5 U |
| | 4/25/2006 | | 0.63 | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 3.4 | 5 U | 1 U | 1 U | 8.2 | 1 U | 1 U | 1 U | 1 U | 1 U | 48 | 10 | 0.5 U |
| | 7/26/2006 | | 1.3 | 1 U | 1 U | 1 U | 1 U | 1 L,U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 2.3 | 5 U | 1 U | 1 U | 7 | 1 U | 1 U | 1 U | 1 U | 1 U | 43 | 7.6 | 0.5 U |
| | 10/24/2006 | | 1.2 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 2.4 | 5 U | 1 U | 1 U | 8.1 | 1 U | 1 U | 1 U | 1 U | 1 U | 47 | 9.2 | 0.5 U |
| | 1/17/2007 | | 0.89 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 2.2 | 5 U | 1 U | 1 U | 11 | 1 U | 1 U | 1 U | 1 U | 1 U | 42 | 8.6 | 0.5 U |
| | 4/17/2007 | | 0.8 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 2 | 5 U | 1 U | 1 U | 9.9 | 1 U | 1 U | 1 U | 1 U | 1 U | 45 | 7.1 | 0.5 U |
| | 7/24/2007 | | 0.88 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 1.1 | 5 U | 1 U | 1 U | 9 | 1 U | 1 U | 1 U | 1 U | 1 U | 37 | 6.9 | 0.5 U |
| | 10/23/2007 | | 0.81 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 L,U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 8.6 | 1 U | 1 U | 1 U | 1 U | 1 U | 17 | 2.4 | 0.5 U |
| | 1/29/2008 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 12 | 1 U | 1 U | 1 U | 1 U | 1 U | 21 | 1.6 | 0.5 U |
| | 4/22/2008 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 10 | 1 U | 1 U | 1 U | 1 U | 1 U | 19 | 1.3 | 0.5 U |
| | 7/30/2008 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 2.4 | 5 U | 1 U | 1 U | 16 | 1 U | 1 U | 1 U | 1 U | 1 U | 34 | 3.7 | 0.5 U |
| MW-01S | 1/15/1989 | | 0.1 U | 0.1 U | 0.1 U | 0.2 U | -- | -- | -- | -- | -- | -- | 0.1 U | 0.1 U | 0.1 U | 0.2 | 1 U | 0.1 U | 0.2 U | -- | -- | 0.1 U | 0.7 | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.2 U | 0.1 U | 0.2 U | 2.8 | 0.1 U | 0.1 U | -- | -- | -- | 19 | 0.5 U | 0.1 U |
| | 4/15/1989 | | 0.7 U | 1 U | 1 U | 3 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 4 | 1 U | 1 U | -- | -- | -- | 23 | 1 U | 1 U |
| | 7/15/1989 | | 0.7 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 | 1 U | 1 U | -- | -- | -- | 13 | 1 U | 1 U |
| | 10/15/1989 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | -- | 3 | 1 U | 1 U | -- | -- | -- | 12 | 1 U | 1 U |
| | 1/22/1990 | | 0.5 U | 0.5 U | 0.5 U | 1 U | -- | -- | -- | -- | -- | -- | 0.2 U | 0.5 U | 0.2 U | 0.2 U | 2 U | 0.2 U | 0.2 U | -- | -- | 0.2 U | 0.3 | 0.5 U | 0.5 U | 0.5 U | 0.73 | 0.2 U | -- | 0.2 U | 3.1 | 0.2 U | 0.2 U | -- | -- | -- | 16 | 2 U | 0.2 U |
| | 4/10/1990 | | 2.5 U | 2.5 U | 2.5 U | 5 U | -- | -- | -- | -- | -- | -- | 1 U | 2.5 U | 1 U | 1 U | 10 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 2.5 U | 2.5 U | 2.5 U | 1 U | 1 U | -- | 1 U | 3.8 | 1 U | 1 U | -- | -- | -- | 20 | 10 U | 1 U |
| | 7/15/1990 | | 0.5 U | 0.5 U | 0.5 U | 1 U | -- | -- | -- | -- | -- | -- | 0.2 U | 0.5 U | 0.2 U | 0.3 | 2 U | 0.2 U | 0.2 U | 0.73 | -- | 0.2 U | 1.1 | 0.5 U | 0.5 U | 0.5 U | 0.8 | 0.2 U | 0.2 U | 0.2 U | 4 | 0.2 U | 0.2 U | -- | -- | -- | 18 | 2 U | 0.2 U |
| | 10/15/1990 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 5 | 1 U | 1 U | -- | -- | -- | 18 | 1 U | 1 U |

# Table C-2
## Phibro-Tech, Inc.
## Historical Groundwater Analytical Results
## Volatile Organic Compounds (VOCs) Analytical Summary

| Well Number | Sample Date | Sample Type | Non-chlorinated VOCs | | | | | | | | | | Chlorinated VOCs | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Ben (1) | Tol (150) | e-Ben (300) | T-Xyl (1,750) | N-P Ben | ISB | NAP | 1,4-Diox | PIPT | STY (0.1) | BDCM | Chloro benzene (70) | CCl4 (0.5) | CFM (80) | MCL (5) | Chloro-ethane | Chloro-methane | cis-1,2-DCE (6) | 1,2-DBE (0.05) | 1,1-DCA (5) | 1,2-DCA (0.5) | 1,2-DCB (600) | 1,3-DCB | 1,4-DCB (5) | 1,1-DCE (6) | DCFM | trans-1,2-DCE (10) | 1,1,2,2-PCA (1) | PCE (5) | 1,1,1-TCA (200) | 1,1,2-TCA (5) | 1,2,3-TCB | 1,2,4-TCB (5) | 1,2,4-TMB | TCE (5) | TFM (150) | Vinyl chloride (0.5) |
| MW-01S | 1/15/1991 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | -- | -- | -- | -- | 1 U | 1 | -- | -- | -- | 1 U | -- | -- | 1 U | 6.8 | -- | -- | -- | -- | -- | 26 | -- | -- |
| | 4/15/1991 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1.6 B | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 3.6 | 1 U | 1 U | -- | -- | -- | 22 | 1 U | 1 U |
| | 7/15/1991 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1.4 | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 3.8 | 1 U | 1 U | -- | -- | -- | 17 | 1 U | 1 U |
| | 10/21/1991 | | 1 U | 1 U | 1 U | 2 U | -- | -- | -- | -- | -- | -- | 0.4 U | 1 U | 0.4 U | 0.4 U | 4 U | 0.4 U | 0.4 U | 1.8 | -- | 0.4 U | 0.7 | 1 U | 1 U | 1 U | 0.4 U | 2 U | 0.4 U | 0.4 U | 1.9 | 0.4 U | 0.4 U | -- | -- | -- | 14 | 4 U | 0.4 U |
| | 1/15/1992 | | 1 U | 1.5 | 1.2 | 4.3 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 13 | 1 U | 1 U |
| | 4/15/1992 | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | -- | -- | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.87 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.8 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 9.9 | 0.5 U | 0.5 U |
| | 7/15/1992 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1.6 | 1 U | 1 U | -- | -- | -- | 10 | 1 U | 1 U |
| | 10/15/1992 | | 0.95 | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 11 | 1 U | 1 U |
| | 1/15/1993 | | 0.5 U | 2.2 | 1.3 | 5.6 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1.1 | -- | -- | -- | 9.2 | 1 U | 1 U |
| | 4/19/1993 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1.2 B | 1 U | 1 U | -- | -- | 1 U | 1.4 | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1.6 | 1 U | 1 U | 1 U | -- | -- | -- | 5.7 | 1 U | 1 U |
| | 7/12/1993 | | 0.5 U | 1.7 | 1.7 | 4 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1.8 B | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 11 | 1 U | 1 U |
| | 10/12/1993 | | 0.5 U | 1 U | 2.2 | 4.3 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 14 | 1 U | 1 U |
| | 1/10/1994 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 9.3 | 1 U | 1 U |
| | 4/11/1994 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 14 | 1 U | 1 U |
| | 7/18/1994 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 7.9 | 1 U | 1 U |
| | 10/10/1994 | | 0.5 U | 1 U | 1 U | 5.8 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 13 | 1 U | 1 U |
| | 1/16/1995 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 5.2 | 1 U | 1 U |
| | 4/17/1995 | | 0.5 U | 1 U | 1.3 | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1.6 | 1 U | 1 U | -- | -- | -- | 4.4 | 1 U | 1 U |
| | 7/10/1995 | | 0.5 U | 1.2 | 3.5 | 6.1 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1.3 | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1.9 | 1 U | 1 U | -- | -- | -- | 6.2 | 1 U | 1 U |
| | 10/9/1995 | | 0.5 U | 1 U | 1.7 | 3.9 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1.4 | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 15 | 1 U | 1 U |
| | 1/30/1996 | | 0.5 U | 1 U | 1.7 | 5.1 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 8.4 | 1 U | 1 U |
| | 4/15/1996 | | 0.5 U | 1 U | 3.4 | 4.9 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1.2 | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 2.9 | 1 U | 1 U |
| | 7/15/1996 | | 0.5 U | 1 U | 2.2 | 3.7 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1.1 | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 9.7 | 1 U | 1 U |
| | 10/7/1996 | | 0.5 U | 1 U | 2.1 | 2.8 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1.6 | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 16 | 1 U | 1 U |
| | 1/13/1997 | | 0.5 U | 1 U | 1 U | 2 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 6 | 1 U | 1 U |
| | 4/15/1997 | | 0.5 U | 1 U | 1.4 | 1.2 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1.4 | 1.1 | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 5.4 | 1 U | 1 U | -- | -- | -- | 15 | 1 U | 1 U |
| | 7/8/1997 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1.4 | 1.1 | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 3.5 | 1 U | 1 U | -- | -- | -- | 14 | 1 U | 1 U |
| | 10/14/1997 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1.5 | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1.2 | 1 U | 1 U | -- | -- | -- | 12 | 1 U | 1 U |
| | 1/13/1998 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 12 | 1 U | 1 U |
| | 4/21/1998 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1.8 | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 14 | 1 U | 1 U |
| | 7/14/1998 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1.7 | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 14 | 1 U | 1 U |
| | 10/19/1998 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 | 1.2 | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 7.8 | 1 U | 1 U |
| | 1/15/1999 | | 0.5 U | 1 U | 2 | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1.2 | 1.5 | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1.9 | 1 U | 1 U | -- | -- | -- | 10 | 1 U | 1 U |
| | 4/15/1999 | | 1 U | 1 U | 1 U | 2 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 2.5 | -- | 1 U | 1.6 | 1 U | 1 U | 1 U | 1 | -- | 1 U | 1 U | 1.8 | 1 U | 1 U | -- | -- | -- | 7.2 | 2 U | 2 U |
| | 7/15/1999 | | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 5.3 | -- | 1.6 | 1 U | 1 U | 1 U | 1 U | 1 | -- | 1 U | 1 U | 16 | 1 U | 1 U | -- | -- | -- | 9.1 | 2 U | 2 U |
| | 10/15/1999 | | 1 U | 1 U | 1 U | 2 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 3.9 | -- | 1.1 | 1.5 | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 9.1 | 2 U | 2 U |
| | 1/25/2000 | | 1 U | 1 U | 1 U | 2 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 2.8 | -- | 1.9 | 1.5 | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 31 | 1 U | 1 U | -- | -- | -- | 9.9 | 2 U | 2 U |
| | 4/15/2000 | | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 7.6 | -- | 2.5 | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 16 | 2 U | 2 U |
| | 10/15/2000 | | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 3.5 | -- | 1.3 | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 8.9 | 2 U | 2 U |

# Table C-2
## Phibro-Tech, Inc.
## Historical Groundwater Analytical Results
## Volatile Organic Compounds (VOCs) Analytical Summary

| Well Number | Sample Date | Sample Type | Non-chlorinated VOCs | | | | | | | | | | Chlorinated VOCs | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Ben (1) | Tol (150) | e-Ben (300) | T-Xyl (1,750) | N-P Ben | ISB | NAP | 1,4-Diox | PIPT | STY (0.1) | BDCM | Chloro benzene (70) | CCl4 (0.5) | CFM (80) | MCL (5) | Chloro-ethane | Chloro-methane | cis-1,2-DCE (6) | 1,2-DBE (0.05) | 1,1-DCA (5) | 1,2-DCA (0.5) | 1,2-DCB (600) | 1,3-DCB | 1,4-DCB (5) | 1,1-DCE (6) | DCFM | trans-1,2-DCE (10) | 1,1,2,2-PCA (1) | PCE (5) | 1,1,1-TCA (200) | 1,1,2-TCA (5) | 1,2,3-TCB | 1,2,4-TCB (5) | 1,2,4-TMB | TCE (5) | TFM (150) | Vinyl chloride (0.5) | | | |
| MW-01S | 4/15/2001 | | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 8.8 | -- | 1.8 | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 13 | 2 U | 2 U | | | |
| | 7/17/2001 | | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 130 | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 5.6 | -- | 1.5 | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 10 | 2 U | 2 U | | | |
| | 10/16/2001 | | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 140 | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 6.7 | -- | 1.9 | 1.1 | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 13 | 2 U | 2 U | | | |
| | 1/15/2002 | | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 1.2 | -- | 1 U | 1.3 | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1.6 | 1 U | 1 U | -- | -- | -- | 7 | 2 U | 2 U | | | |
| | 4/16/2002 | | 1 U | 1 U | 1 U | 2 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 1 U | -- | 1 U | 1.2 | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1.2 | 1 U | 1 U | -- | -- | -- | 5.3 | 2 U | 2 U | | | |
| | 7/24/2002 | | 1 U | 1 U | 1 U | 2 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 1.8 | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1.2 | 1 U | 1 U | -- | -- | -- | 6.2 | 2 U | 2 U | | | |
| | 10/22/2002 | | 1 U | 1 U | 1 U | 2 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 2.2 | -- | 1 U | 1.1 | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1.4 | 1 U | 1 U | -- | -- | -- | 8.3 | 2 U | 2 U | | | |
| | 1/8/2003 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 2.5 | 1 U | 1 U | 1.3 | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 2 | 1 U | 1 U | 1 U | 1 U | 1 U | 11 | 1 U | 0.5 U | | | |
| | 4/23/2003 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 8 | 1 U | 1.8 | 0.5 U | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 11 | 1 U | 0.5 U | | | |
| | 7/29/2003 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 6.5 | 1 U | 1.8 | 0.67 | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 13 | 1 U | 0.5 U | | | |
| | 10/21/2003 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 2.6 | 1 U | 1 U | 1.1 | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 1.5 | 1 U | 1 U | 1 U | 1 U | 1 U | 12 | 1 U | 0.5 U | | | |
| | 1/21/2004 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1.4 | 1 U | 1.4 | 0.68 | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 5.2 | 1 U | 1 U | 1 U | 1 U | 1 U | 18 | 1 U | 0.5 U | | | |
| | 4/20/2004 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1.3 | 0.67 | 1 U | 1 U | 1 U | 1 | 5 U | 1 U | 1 U | 7.3 | 1 U | 1 U | 1 U | 1 U | 1 U | 13 | 1 U | 0.5 U | | | |
| | 7/20/2004 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 2.1 | 0.74 | 1 U | 1 U | 1 U | 1.5 | 5 U | 1 U | 1 U | 9.5 | 1 U | 1 U | 1 U | 1 U | 1 U | 14 | 1 U | 0.5 U | | | |
| | 1/26/2005 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1.1 | 0.5 U | 1 U | 1 U | 1 U | 1.1 | 5 U | 1 U | 1 U | 24 | 1 U | 1 U | 1 U | 1 U | 1 U | 10 | 1 U | 0.5 U | | | |
| | 4/26/2005 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 6.5 | 1 U | 1.8 | 0.5 U | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 4.1 | 1 U | 1 U | 1 U | 1 U | 1 U | 9.6 | 1 U | 0.5 U | | | |
| | 7/26/2005 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 4.6 | 1 U | 1.4 | 0.51 | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 4.8 | 1 U | 1 U | 1 U | 1 U | 1 U | 12 | 1 U | 0.5 U | | | |
| | 10/18/2005 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 3.7 | 1 U | 1.2 | 0.69 | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 3.8 | 1 U | 1 U | 1 U | 1 U | 1 U | 8.2 | 1 U | 0.5 U | | | |
| | 1/25/2006 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 3.4 | 1 U | 1.2 | 0.65 | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 3.5 | 1 U | 1 U | 1 U | 1 U | 1 U | 7.8 | 1 U | 0.5 U | | | |
| | 4/25/2006 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 2 | 1 U | 1 U | 0.81 | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 4.2 | 1 U | 1 U | 1 U | 1 U | 1 U | 7.1 | 1 U | 0.5 U | | | |
| | 7/26/2006 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 L,U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 4.3 | 1 U | 1.5 | 0.5 U | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 2.2 | 1 U | 1 U | 1 U | 1 U | 1 U | 7.4 | 1 U | 0.5 U | | | |
| | 10/24/2006 | | 0.5 U | 1 U | 1 U | 1 U | 1 R,U | 1 R,U | 1 U | -- | 1 R,U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 3.6 | 1 U | 1.2 | 0.5 U | 1 R,U | 1 R,U | 1 U | 1 U | 5 U | 1 U | 1 U | 1.5 | 1 U | 1 U | 1 U | 1 R,U | 1 U | 6.2 | 1 U | 0.5 U | | | |
| | 1/17/2007 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 A-01,U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 2.4 | 1 U | 1.2 | 0.5 U | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 2.4 | 1 U | 1 U | 1 U | 1 U | 1 U | 6.5 | 1 U | 0.5 U | | | |
| | 4/17/2007 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 2.2 | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 2.2 | 1 U | 1 U | 1 U | 1 U | 1 U | 6.2 | 1 U | 0.5 U | | | |
| | 7/24/2007 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 2.8 | 1 U | 1.2 | 0.53 | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 1.9 | 1 U | 1 U | 1 U | 1 U | 1 U | 6 | 1 U | 0.5 U | | | |
| | 10/23/2007 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 L,U | 1 U | 2 | 1 U | 1 U | 0.52 | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 2.5 | 1 U | 1 U | 1 U | 1 U | 1 U | 5.7 | 1 U | 0.5 U | | | |
| | 1/29/2008 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 2.6 | 1 U | 1 U | 1 U | 1 U | 1 U | 5.9 | 1 U | 0.5 U | | | |
| | 4/22/2008 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1.1 | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 3.7 | 1 U | 1 U | 1 U | 1 U | 1 U | 5.9 | 1 U | 0.5 U | | | |
| | 7/30/2008 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1.2 | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 4.5 | 1 U | 1 U | 1 U | 1 U | 1 U | 6.7 | 1 U | 0.5 U | | | |
| MW-02 | 1/15/1989 | | 0.5 U | 0.5 U | 0.5 U | 1 U | -- | -- | -- | -- | -- | -- | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | -- | -- | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 1.8 | 0.2 U | 0.2 U | -- | -- | -- | 60 | 0.2 U | 0.2 U | | | |
| | 1/15/1989 | K | 0.5 U | 0.5 U | 0.5 U | 0.5 U | -- | -- | -- | -- | -- | -- | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | -- | -- | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.8 | 0.5 U | 0.5 U | -- | -- | -- | 82 | 0.5 U | 0.5 U | | | |
| | 4/15/1989 | | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 45 | 1 U | 1 U | | | |
| | 7/15/1989 | | 0.7 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 | 1 U | 1 U | -- | -- | -- | 67 | 1 U | 1 U | | | |
| | 10/15/1989 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | -- | 2 | 1 U | 1 U | -- | -- | -- | 35 | 1 U | 1 U | | | |
| | 1/23/1990 | | 1 U | 1 U | 1 U | 2 U | -- | -- | -- | -- | -- | -- | 0.4 U | 1 U | 0.4 U | 0.4 U | 4 U | 0.4 U | 0.4 U | -- | -- | 0.4 U | 0.4 U | 1 U | 1 U | 1 U | 0.4 U | 0.4 U | -- | 0.4 U | 0.54 | 0.4 U | 0.4 U | -- | -- | -- | 27 | 4 U | 0.4 U | | | |
| | 4/10/1990 | | 0.5 U | 0.5 U | 0.5 U | 1 U | -- | -- | -- | -- | -- | -- | 0.2 U | 0.5 U | 0.2 U | 0.2 U | 2 U | 0.2 U | 0.2 U | -- | -- | 0.2 U | 0.2 U | 0.5 U | 0.5 U | 0.5 U | 0.2 U | 0.2 U | -- | 0.2 U | 0.2 U | 0.2 U | 0.2 U | -- | -- | -- | 36 | 2 U | 0.2 U | | | |
| | 7/15/1990 | | 1 U | 1 U | 1 U | 2 U | -- | -- | -- | -- | -- | -- | 0.4 U | 1 U | 0.4 U | 0.65 | 4 U | 0.4 U | 0.4 U | 0.4 U | -- | 1.6 | 4.3 | 1 U | 1 U | 1 U | 0.72 | 0.4 U | 0.4 U | 0.4 U | 1 | 0.4 U | 0.4 U | -- | -- | -- | 30 | 4 U | 0.4 U | | | |
| | 10/15/1990 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | -- | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 24 | 5 U | 5 U | | | |
| | 1/15/1991 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | -- | -- | -- | -- | 1 U | 1 U | -- | -- | -- | 1 U | -- | -- | 1 U | 1 U | -- | -- | -- | -- | -- | 15 | -- | -- | | | |

**Table C-2**
**Phibro-Tech, Inc.**
**Historical Groundwater Analytical Results**
**Volatile Organic Compounds (VOCs) Analytical Summary**

| Well Number | Sample Date | Sample Type | Non-chlorinated VOCs | | | | | | | | | | Chlorinated VOCs | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Ben (1) | Tol (150) | e-Ben (300) | T-Xyl (1,750) | N-P Ben | ISB | NAP | 1,4-Diox | PIPT | STY (0.1) | BDCM | Chloro benzene (70) | CCl4 (0.5) | CFM (80) | MCL (5) | Chloro-ethane | Chloro-methane | cis-1,2-DCE (6) | 1,2-DBE (0.05) | 1,1-DCA (5) | 1,2-DCA (0.5) | 1,2-DCB (600) | 1,3-DCB | 1,4-DCB (5) | 1,1-DCE (6) | DCFM | trans-1,2-DCE (10) | 1,1,2,2-PCA (1) | PCE (5) | 1,1,1-TCA (200) | 1,1,2-TCA (5) | 1,2,3-TCB | 1,2,4-TCB (5) | 1,2,4-TMB | TCE (5) | TFM (150) | Vinyl chloride (0.5) |
| MW-03 | 1/15/1989 | | 7.4 | 17 | 4900 | -- | -- | -- | -- | -- | -- | -- | 0.2 U | 0.2 U | 15 | 13 | 3.2 | 0.2 U | 0.2 U | -- | -- | 4.4 | 240 | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 4.6 | 0.2 U | 0.2 U | -- | -- | -- | 74 | 0.2 U | 0.2 U |
| | 1/15/1989 | K | 50 U | 50 | 3700 | 1100 | -- | -- | -- | -- | -- | -- | 50 U | 50 U | 50 U | 50 U | 50 U | 50 U | 50 U | -- | -- | 50 U | 210 | 50 U | 50 U | 50 U | 50 U | 50 U | 50 U | 50 U | 50 U | 50 U | 50 U | -- | -- | -- | 110 | 50 U | 50 U |
| | 4/15/1989 | | 50 U | 50 U | 1200 | 60 | -- | -- | -- | -- | -- | -- | 50 U | 50 U | 50 U | 50 U | 50 U | 50 U | 50 U | -- | -- | 50 U | 50 U | 50 U | 50 U | 50 U | 50 U | 50 U | 50 U | 50 U | 50 U | 50 U | 50 U | -- | -- | -- | 120 | 50 U | 50 U |
| | 4/15/1989 | K | 5 U | 5 U | 670 | 71 | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 47 | 35 | 5 U | 5 U | 5 U | -- | 5 U | 11 | 36 | 5 U | 5 U | 5 U | 23 | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 110 | 5 U | 5 U |
| | 7/15/1989 | | 7 U | 10 U | 10 U | 10 U | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 60 | 33 | 20 | 10 U | 10 U | -- | -- | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 120 | 10 U | 10 U |
| | 10/15/1989 | | 50 U | 100 U | 1600 | 150 | -- | -- | -- | -- | -- | -- | 100 U | 100 U | 100 U | 100 U | 100 U | 100 U | 100 U | -- | -- | 100 U | 100 U | 100 U | 100 U | 100 U | 100 U | -- | 100 U | 100 U | 100 U | 100 U | 100 U | -- | -- | -- | 100 U | 100 U | 100 U |
| | 10/15/1989 | K | 50 U | 100 U | 1700 | 160 | -- | -- | -- | -- | -- | -- | 100 U | 100 U | 100 U | 100 U | 100 U | 100 U | 100 U | -- | -- | 100 U | 100 U | 100 U | 100 U | 100 U | 100 U | -- | 100 U | 100 U | 100 U | 100 U | 100 U | -- | -- | -- | 100 U | 100 U | 100 U |
| | 1/22/1990 | | 5 U | 5 U | 110 | 10 U | -- | -- | -- | -- | -- | -- | 2 U | 2 U | 28 | 23 | 20 U | 5 U | 2 U | -- | -- | 2 U | 20 | 5 U | 5 U | 5 U | 4 | 2 U | -- | 2 U | 5 U | 2 U | 2 U | -- | -- | -- | 65 | 20 U | 2 U |
| | 1/22/1990 | K | 5 U | 0.17 U | 140 | 10 U | -- | -- | -- | -- | -- | -- | 2 U | 2 U | 34 | 25 | 20 U | 5 U | 2 U | -- | -- | 2 U | 21 | 5 U | 5 U | 5 U | 4.9 | 2 U | -- | 2 U | 5 U | 2 U | 2 U | -- | -- | -- | 74 | 20 U | 2 U |
| | 4/11/1990 | | 50 U | 50 U | 2100 | 720 | -- | -- | -- | -- | -- | -- | 20 U | 50 U | 87 | 20 U | 200 U | 20 U | 20 U | -- | -- | 20 U | 20 U | 50 U | 50 U | 50 U | 20 U | 20 U | -- | 20 U | 20 U | 20 U | 20 U | -- | -- | -- | 74 | 200 U | 20 U |
| | 7/15/1990 | | 5 U | 5 U | 5 U | 10 U | -- | -- | -- | -- | -- | -- | 2 U | 5 U | 130 | 46 | 20 U | 2 U | 2 U | 2 U | -- | 8.5 | 3.7 | 5 U | 5 U | 5 U | 14 | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | -- | -- | -- | 130 | 20 U | 2 U |
| | 10/15/1990 | | 9 | 2 | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 150 | 56 | 10 U | 10 U | 10 U | -- | -- | 10 U | 10 U | 10 U | 10 U | 10 U | 10 | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 130 | 10 U | 10 U |
| | 1/15/1991 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | -- | -- | 74 | 1 U | 1 U | -- | -- | -- | -- | 1 U | 26 | -- | -- | -- | 1 U | -- | -- | 1 U | 1 U | -- | -- | -- | -- | -- | 38 | -- | -- |
| | 4/15/1991 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 2 U | 2 U | 63 | 17 | 8.5 | 2 U | 2 U | -- | -- | 1 U | 1 U | 2 U | 2 U | 2 U | 1 U | -- | 2 U | 2 U | 1 U | 1 U | 2 U | -- | -- | -- | 27 | 2 U | 2 U |
| | 7/15/1991 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 2 U | 2 U | 38 | 47 | 6 | 2 U | 2 U | -- | -- | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | -- | 2 U | 2 U | 2 U | 2 U | 2 U | -- | -- | -- | 28 | 2 U | 2 U |
| | 10/23/1991 | | 5 U | 5 U | 5 U | 10 U | -- | -- | -- | -- | -- | -- | 2 U | 5 U | 82 | 4.2 | 20 U | 2 U | 2 U | 2 U | -- | 5.3 | 2 U | 5 U | 5 U | 5 U | 6.7 | 10 U | 2 U | 2 U | 2 U | 2 U | 2 U | -- | -- | -- | 71 | 20 U | 2 U |
| | 1/15/1992 | | 1 U | 1 U | 1 U | 4 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 202 | 91 | 1 U | 1 U | 1 U | 1 U | -- | 5.7 | 1 U | 1 U | 1 U | 1 U | 7.6 | -- | 1 U | 1 U | 1 U | 3 | 1 U | -- | -- | -- | 76 | 1 U | 1 U |
| | 4/15/1992 | | 0.5 U | 0.76 | 1.6 | 3 | 0.5 U | 0.5 U | 0.5 U | -- | -- | 0.5 U | 0.5 U | 0.5 U | 120 | 43 | 1.3 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.6 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 2.5 | 0.5 U | 0.5 U | 0.5 U | 0.5 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 25 | 0.5 U | 0.5 U |
| | 7/15/1992 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 2 U | 2 U | 110 | 39 | 3.1 | 2 U | 2 U | -- | -- | 5.4 | 1 U | 2 U | 2 U | 2 U | 3.8 | -- | 2 U | 2 U | 1 U | 2 U | 2 U | -- | -- | -- | 76 | 2 U | 2 U |
| | 10/15/1992 | | 0.52 | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 160 | 60 | 6.9 | 5 U | 5 U | -- | -- | 8.1 | 1 U | 5 U | 5 U | 5 U | 8.7 | -- | 1 U | 5 U | 1 U | 1 U | 5 U | -- | -- | -- | 130 | 5 U | 5 U |
| | 1/15/1993 | | 2.5 U | 5 U | 5 U | 5 U | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 120 | 57 | 5 U | 5 U | 5 U | -- | -- | 6.7 | 5 U | 5 U | 5 U | 5 U | 6.5 | -- | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 84 | 5 U | 5 U |
| | 4/20/1993 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 100 | 29 | 11 B | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1.5 | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 12 | 1 U | 1 U |
| | 7/12/1993 | | 0.5 U | 3.3 | 2.6 | 5.9 | -- | -- | -- | -- | -- | -- | 2.5 U | 2.5 U | 110 | 37 | 4.5 B | 2.5 U | 2.5 U | -- | -- | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | -- | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | -- | -- | -- | 16 | 2.5 U | 2.5 U |
| | 10/12/1993 | | 0.5 U | 1 U | 2.6 | 4.8 | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 110 | 30 | 5 U | 5 U | 5 U | -- | -- | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | -- | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 17 | 5 U | 5 U |
| | 1/11/1994 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 2 U | 2 U | 120 | 28 | 2 U | 2 U | 2 U | -- | -- | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | -- | 2 U | 2 U | 2 U | 2 U | 2 U | -- | -- | -- | 10 | 2 U | 2 U |
| | 4/12/1994 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 2 U | 2 U | 68 | 26 | 2 U | 2 U | 2 U | -- | -- | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | -- | 2 U | 2 U | 2 U | 2 U | 2 U | -- | -- | -- | 15 | 2 U | 2 U |
| | 7/18/1994 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 2.5 U | 2.5 U | 180 | 82 | 2.5 U | 2.5 U | 2.5 U | -- | -- | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | -- | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | -- | -- | -- | 26 | 2.5 U | 2.5 U |
| | 10/11/1994 | | 1.2 | 3.5 | 1.5 | 12 | -- | -- | -- | -- | -- | -- | 2.5 U | 2.5 U | 120 | 60 | 2.5 U | 2.5 U | 2.5 U | -- | -- | 5.8 | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 7.5 | -- | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | -- | -- | -- | 76 | 2.5 U | 2.5 U |
| | 1/17/1995 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 4 U | 4 U | 140 | 53 | 4 U | 4 U | 4 U | -- | -- | 5.1 | 4 U | 4 U | 4 U | 4 U | 6 | -- | 4 U | 4 U | 4 U | 4 U | 4 U | -- | -- | -- | 72 | 4 U | 4 U |
| | 4/17/1995 | | 0.5 U | 1 U | 1.3 | 1 U | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 180 | 72 | 65 B | 10 U | 10 U | -- | -- | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 57 | 10 U | 10 U |
| | 7/11/1995 | | 0.5 U | 2 | 5.2 | 8.8 | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 91 | 35 | 5 U | 5 U | 5 U | -- | -- | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | -- | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 9.5 | 5 U | 5 U |
| | 10/10/1995 | | 0.5 U | 1 U | 1.7 | 3.3 | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 110 | 56 | 10 U | 10 U | 10 U | -- | -- | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 30 | 10 U | 10 U |
| | 1/30/1996 | | 0.5 U | 1 U | 1.8 | 5.2 | -- | -- | -- | -- | -- | -- | 2 U | 2 U | 56 | 27 | 2.5 | 2 U | 2 U | -- | -- | 3.3 | 2 U | 2 U | 2 U | 2 U | 3.3 | -- | 2 U | 2 U | 2 U | 2 U | 2 U | -- | -- | -- | 26 | 2 U | 2 U |
| | 4/15/1996 | | 0.5 U | 1 U | 2.6 | 3.6 | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 100 | 46 | 5 U | 5 U | 5 U | -- | -- | 5 U | 5 U | 5 U | 5 U | 5 U | 7 | -- | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 46 | 5 U | 5 U |
| | 7/16/1996 | | 0.5 U | 1.8 | 9 | 12 | -- | -- | -- | -- | -- | -- | 2.5 U | 2.5 U | 50 | 23 | 2.5 U | 2.5 U | 2.5 U | -- | -- | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | -- | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | -- | -- | -- | 17 | 2.5 U | 2.5 U |
| | 10/8/1996 | | 0.5 U | 1 U | 5.4 | 6.2 | -- | -- | -- | -- | -- | -- | 2 U | 2 U | 46 | 31 | 2 U | 2 U | 2 U | -- | -- | 2.3 | 2 U | 2 U | 2 U | 2 U | 2.4 | -- | 2 U | 2 U | 2 U | 2 U | 2 U | -- | -- | -- | 21 | 2 U | 2 U |
| | 1/14/1997 | | 0.5 U | 2.6 | 1.1 | 4.2 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 68 | 29 | 1 U | 1 U | 1 U | -- | -- | 2.1 | 1 U | 1 U | 1 U | 1 U | 3.8 | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 28 | 1 U | 1 U |
| | 4/15/1997 | | 0.5 U | 4.3 | 2.1 | 3 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 40 | 22 | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1.7 | -- | 1 U | 1 U | 7.1 | 1 U | 1 U | -- | -- | -- | 13 | 1 U | 1 U |
| | 7/9/1997 | | 0.5 U | 1 U | 2.5 | 3.7 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 27 | 14 | 1 U | 1 U | 1 U | -- | -- | 1.8 | 2.3 | 1 U | 1 U | 1 U | 1.8 | -- | 1 U | 1 U | 8.7 | 1 U | 1 U | -- | -- | -- | 13 | 1 U | 1 U |

**Table C-2**
**Phibro-Tech, Inc.**
**Historical Groundwater Analytical Results**
**Volatile Organic Compounds (VOCs) Analytical Summary**

| | | | Non-chlorinated VOCs | | | | | | | | | | Chlorinated VOCs | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Well Number | Sample Date | Sample Type | Ben (1) | Tol (150) | e-Ben (300) | T-Xyl (1,750) | N-P Ben | ISB | NAP | 1,4-Diox | PIPT | STY (0.1) | BDCM | Chloro benzene (70) | CCl4 (0.5) | CFM (80) | MCL (5) | Chloro-ethane | Chloro-methane | cis-1,2-DCE (6) | 1,2-DBE (0.05) | 1,1-DCA (5) | 1,2-DCA (0.5) | 1,2-DCB (600) | 1,3-DCB | 1,4-DCB (5) | 1,1-DCE (6) | DCFM | trans-1,2-DCE (10) | 1,1,2,2-PCA (1) | PCE (5) | 1,1,1-TCA (200) | 1,1,2-TCA (5) | 1,2,3-TCB | 1,2,4-TCB (5) | 1,2,4-TMB | TCE (5) | TFM (150) | Vinyl chloride (0.5) |
| MW-03 | 10/15/1997 | | 0.57 | 1 U | 1.7 | 1.2 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 34 | 21 | 1 U | 1 U | 1 U | -- | -- | 2.6 | 1.3 | 1 U | 1 U | 1 U | 3 | -- | 1 U | 1 U | 3.6 | 1 U | 1 U | -- | -- | -- | 24 | 1 U | 1 U |
| | 1/13/1998 | | 0.5 U | 1 U | 1.3 | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 27 | 19 | 1 U | 1 U | 1 U | -- | -- | 2 | 1 U | 1 U | 1 U | 1 U | 3.2 | -- | 1 U | 1 U | 1.6 | 1 U | 1 U | -- | -- | -- | 25 | 1 U | 1 U |
| | 4/22/1998 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 30 | 22 | 1 U | 1 U | 1 U | -- | -- | 1.8 | 1 U | 1 U | 1 U | 1 U | 2.9 | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 18 | 1 U | 1 U |
| | 7/15/1998 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 42 | 36 | 1 U | 1 U | 1 U | -- | -- | 2.8 | 1 U | 1 U | 1 U | 1 U | 3.6 | -- | 1 U | 1 U | 2.2 | 1 U | 1 U | -- | -- | -- | 25 | 1 U | 1 U |
| | 10/20/1998 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 52 | 40 | 1 U | 1 U | 1 U | -- | -- | 2.4 | 1 U | 1 U | 1 U | 1 U | 3.4 | -- | 1 U | 1 U | 2.6 | 1 U | 1 U | -- | -- | -- | 24 | 1 U | 1 U |
| | 1/15/1999 | | 0.5 U | 1 U | 2.3 | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 23 | 16 | 1 U | 1 U | 1 U | -- | -- | 2.4 | 1 U | 1 U | 1 U | 1 U | 3.9 | -- | 1 U | 1 U | 1.9 | 1 U | 1 U | -- | -- | -- | 26 | 1 U | 1 U |
| | 4/15/1999 | | 1 U | 1 U | 1.1 | 2 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 38 | 24 | 1 U | 2 U | 2 U | 1 U | -- | 1.4 | 1 U | 1 U | 1 U | 1 U | 2.7 | -- | 1 U | 1 U | 1.6 | 1 U | 1 U | -- | -- | -- | 21 | 2 U | 2 U |
| | 7/15/1999 | | 1 U | 1 U | 1.3 | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 41 | 30 | 1 U | 2 U | 2 U | 1 U | -- | 3.6 | 1 U | 1 U | 1 U | 1 U | 9 | -- | 1 U | 1 U | 37 | 1.8 | 1 U | -- | -- | -- | 43 | 2 U | 2 U |
| | 10/15/1999 | | 5 U | 5 U | 200 | 10 U | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 61 | 39 | 5 U | 10 U | 10 U | 5 U | -- | 15 | 14 | 5 U | 5 U | 5 U | 23 | -- | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 170 | 10 U | 10 U |
| | 1/25/2000 | | 2.5 U | 2.5 U | 54 | 70 | -- | -- | -- | -- | -- | -- | 2.5 U | 2.5 U | 40 | 27 | 2.5 U | 5 U | 5 U | 8 | -- | 18 | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 30 | -- | 2.5 U | 2.5 U | 19 | 2.5 U | 2.5 U | -- | -- | -- | 170 | 5 U | 5 U |
| | 4/15/2000 | | 2.5 U | 2.5 U | 65 | 2.5 | -- | -- | -- | -- | -- | -- | 2.5 U | 2.5 U | 65 | 41 | 2.5 U | 5 U | 5 U | 2.5 U | -- | 18 | 6 | 2.5 U | 2.5 U | 2.5 U | 30 | -- | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | -- | -- | -- | 170 | 5 U | 5 U |
| | 10/15/2000 | | 1 U | 1 U | 2 | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1.3 | 1 U | 2 U | 2 U | 1.1 | -- | 9.5 | 1 U | 1 U | 1 U | 1 U | 3.7 | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 43 | 2 U | 2 U |
| | 4/15/2001 | | 2 U | 2 U | 12 | 3.1 | -- | -- | -- | -- | -- | -- | 2 U | 2 U | 48 | 42 | 2 U | 4 U | 4 U | 2 U | -- | 17 | 6 | 2 U | 2 U | 2 U | 24 | -- | 2 U | 2 U | 5.4 | 2 U | 2 U | -- | -- | -- | 150 | 4 U | 4 U |
| | 7/17/2001 | | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 29 | 20 | 1 U | 2 U | 2 U | 1 U | -- | 5.1 | 1 U | 1 U | 1 U | 1 U | 6 | -- | 1 U | 1 U | 2.3 | 1 U | 1 U | -- | -- | -- | 41 | 2 U | 2 U |
| | 10/17/2001 | | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 39 | 35 | 5 U | 10 U | 10 U | 5 U | -- | 35 | 5 U | 5 U | 5 U | 5 U | 35 | -- | 5 U | 5 U | 5.1 | 5 U | 5 U | -- | -- | -- | 290 | 10 U | 10 U |
| | 1/16/2002 | | 2.5 U | 2.5 U | 2.5 U | 2.5 U | -- | -- | -- | -- | -- | -- | 2.5 U | 2.5 U | 33 | 30 | 2.5 U | 5 U | 5 U | 2.5 U | -- | 30 | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 28 | -- | 2.5 U | 2.5 U | 5.6 | 2.5 U | 2.5 U | -- | -- | -- | 220 | 5 U | 5 U |
| | 4/16/2002 | | 5 U | 5 U | 5 U | 10 U | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 36 | 38 | 5 U | 10 U | 10 U | 5 U | -- | 44 | 5 U | 5 U | 5 U | 5 U | 35 | -- | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 280 | 10 U | 10 U |
| | 7/24/2002 | | 5 U | 5 U | 5 U | 10 U | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 28 | 31 | 5 U | 10 U | 10 U | 5 U | -- | 34 | 5 U | 5 U | 5 U | 5 U | 36 | -- | 5 U | 5 U | 5.5 | 5 U | 5 U | -- | -- | -- | 260 | 10 U | 10 U |
| | 10/22/2002 | | 10 U | 10 U | 63 | 700 | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 13 | 10 U | 20 U | 20 U | 10 U | -- | 17 | 25 | 10 U | 10 U | 10 U | 30 | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 190 | 20 U | 20 U |
| | 1/8/2003 | | 1.6 | 2 U | 2 U | 2.3 | 2 U | 2 U | 2 U | -- | 2 U | 2 U | 2 U | 2 U | 22 | 27 | 10 U | 2 U | 2 U | 2 U | 2 U | 32 | 15 | 2 U | 2 U | 2 U | 48 | 10 U | 2 U | 2 U | 5.6 | 2 U | 2 U | 2 U | 2 U | 2 U | 250 | 2 U | 1 U |
| | 4/23/2003 | | 1 U | 2 U | 2 U | 4 U | 2 U | 2 U | 2 U | -- | 2 U | 2 U | 2 U | 2 U | 46 | 47 | 10 U | 2 U | 2 U | 2 U | 2 U | 34 | 3.8 | 2 U | 2 U | 2 U | 34 | 10 U | 2 U | 2 U | 8.3 | 2 U | 2 U | 2 U | 2 U | 2 U | 190 | 2 U | 1 U |
| | 7/29/2003 | | 2.5 U | 5 U | 5 U | 10 U | 5 U | 5 U | 5 U | -- | 5 U | 5 U | 5 U | 5 U | 70 | 72 | 25 U | 5 U | 5 U | 5 U | 5 U | 37 | 6 | 5 U | 5 U | 5 U | 34 | 25 U | 5 U | 5 U | 11 | 5 U | 5 U | 5 U | 5 U | 5 U | 280 | 5 U | 2.5 U |
| | 10/21/2003 | | 2.5 | 1 U | 1600 | 209 | 2.4 | 11 | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 17 | 18 | 5 U | 1 U | 1 U | 12 | 1 U | 19 | 9 | 1 U | 1 U | 1 U | 18 | 5 U | 1 U | 1 U | 4 | 1 U | 1 U | 1 U | 1 U | 1 U | 110 | 1 U | 0.5 U |
| | 1/21/2004 | | 1.8 | 1 U | 60 | 2 U | 1 U | 1.4 | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 25 | 24 | 5 U | 1 U | 1 U | 18 | 1 U | 34 | 76 | 1 U | 1 U | 1 U | 33 | 5 U | 1 U | 1 U | 4.1 | 1 U | 1 U | 1 U | 1 U | 1 U | 200 | 1 U | 0.5 U |
| | 4/20/2004 | | 1.2 | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 49 | 32 | 5 U | 1 U | 1 U | 9.6 | 1 U | 29 | 40 | 1 U | 1 U | 1 U | 31 | 5 U | 1 U | 1 U | 5.1 | 1 U | 1 U | 1 U | 1 U | 1 U | 180 | 1 U | 0.5 U |
| | 7/20/2004 | | 0.74 | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 | 47 | 39 | 5 U | 1 U | 1 U | 6.5 | 1 U | 35 | 45 | 1 U | 1 U | 1 U | 30 | 5 U | 1 U | 1 U | 4.9 | 1 U | 1 U | 1 U | 1 U | 1 U | 200 | 1 U | 0.5 U |
| | 10/12/2004 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1.7 | 48 | 54 | 5 U | 1 U | 1 U | 6 | 1 U | 39 | 16 | 1 U | 1 U | 1 U | 24 | 5 U | 1 U | 1 U | 6.6 | 1 U | 1 U | 1 U | 1 U | 1 U | 190 | 1 U | 0.5 U |
| | 1/26/2005 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 3.9 | 4.3 | 5 U | 1 U | 1 U | 1.7 | 1 U | 7.6 | 19 | 1 U | 1 U | 1 U | 6 | 5 U | 1 U | 1 U | 3.8 | 1 U | 1 U | 1 U | 1 U | 1 U | 60 | 1 U | 0.5 U |
| | 4/26/2005 | | 0.66 | 1 U | 1 U | 2 | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 27 | 28 | 5 U | 1 U | 1 U | 1 U | 1 U | 7.8 | 120 | 1 U | 1 U | 1 U | 7.6 | 5 U | 1 U | 1 U | 4.1 | 1 U | 1 U | 1 U | 1 U | 1 U | 61 | 1 U | 0.5 U |
| | 7/26/2005 | | 0.56 | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 72 | 66 | 5 U | 1 U | 1 U | 1 | 1 U | 15 | 46 | 1 U | 1 U | 1 U | 11 | 5 U | 1 U | 1 U | 8.6 | 1 U | 1 U | 1 U | 1 U | 1 U | 100 | 1 U | 0.5 U |
| | 10/18/2005 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 66 | 55 | 5 U | 1 U | 1 U | 1.3 | 1 U | 30 | 27 | 1 U | 1 U | 1 U | 22 | 5 U | 1 U | 1 U | 6.4 | 1 U | 1 U | 1 U | 1 U | 1 U | 160 | 1 U | 0.5 U |
| | 1/25/2006 | | 2 U | 4 U | 4 U | 5 U | 4 U | 4 U | 4 U | -- | 4 U | 4 U | 4 U | 4 U | 52 | 48 | 20 U | 4 U | 4 U | 4 U | 4 U | 26 | 18 | 4 U | 4 U | 4 U | 22 | 20 U | 4 U | 4 U | 7.1 | 4 U | 4 U | 4 U | 4 U | 4 U | 170 | 4 U | 2 U |
| | 4/25/2006 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 60 | 54 | 5 U | 1 U | 1 U | 1 | 1 U | 26 | 20 | 1 U | 1 U | 1 U | 20 | 5 U | 1 U | 1 U | 6.7 | 1 U | 1 U | 1 U | 1 U | 1 U | 130 | 1 U | 0.5 U |
| | 7/25/2006 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 34 | 43 | 5 U | 1 U | 1 U | 1.4 | 1 U | 39 | 14 | 1 U | 1 U | 1 U | 25 | 5 U | 1 U | 1 U | 6.6 | 1 U | 1 U | 1 U | 1 U | 1 U | 150 | 1 U | 0.5 U |
| | 10/24/2006 | | 0.59 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 37 | 39 | 5 U | 1 U | 1 U | 1.3 | 1 U | 30 | 19 | 1 U | 1 U | 1 U | 20 | 5 U | 1 U | 1 U | 6.7 | 1 U | 1 U | 1 U | 1 U | 1 U | 160 | 1 U | 0.5 U |
| | 1/17/2007 | | 0.66 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 34 | 33 | 5 U | 1 U | 1 U | 1 U | 1 U | 18 | 27 | 1 U | 1 U | 1 U | 15 | 5 U | 1 U | 1 U | 6.3 | 1 U | 1 U | 1 U | 1 U | 1 U | 97 | 1 U | 0.5 U |
| | 4/17/2007 | | 0.62 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 26 | 29 | 5 U | 1 U | 1 U | 1 U | 1 U | 19 | 42 | 1 U | 1 U | 1 U | 14 | 5 U | 1 U | 1 U | 7.1 | 1 U | 1 U | 1 U | 1 U | 1 U | 110 | 1 U | 0.5 U |
| | 7/25/2007 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 28 | 32 | 5 U | 1 U | 1 U | 1.2 | 1 U | 28 | 23 | 1 U | 1 U | 1 U | 16 | 5 U | 1 U | 1 U | 7.7 | 1 U | 1 U | 1 U | 1 U | 1 U | 140 MHA | 1 U | 0.5 U |
| | 10/23/2007 | | 1.3 | 1 U | 40 | 24 | 1 U | 1 U | 1 U | -- | 1.1 U B | 1 U | 1 U | 1 U | 17 | 20 | 5 U | 1 L,U | 1 U | 1.5 | 1 U | 27 | 58 | 1 U | 1 U | 1 U | 23 | 5 U | 1 U | 1 U | 5.7 | 1 U | 1 U | 1 U | 1 U | 1 U | 150 | 1 U | 0.5 U |

**Table C-2**
**Phibro-Tech, Inc.**
**Historical Groundwater Analytical Results**
**Volatile Organic Compounds (VOCs) Analytical Summary**

| | | | Non-chlorinated VOCs | | | | | | | | | | Chlorinated VOCs | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Well Number | Sample Date | Sample Type | Ben (1) | Tol (150) | e-Ben (300) | T-Xyl (1,750) | N-P Ben | ISB | NAP | 1,4-Diox | PIPT | STY (0.1) | BDCM | Chloro benzene (70) | CCl4 (0.5) | CFM (80) | MCL (5) | Chloro-ethane | Chloro-methane | cis-1,2-DCE (6) | 1,2-DBE (0.05) | 1,1-DCA (5) | 1,2-DCA (0.5) | 1,2-DCB (600) | 1,3-DCB | 1,4-DCB (5) | 1,1-DCE (6) | DCFM | trans-1,2-DCE (10) | 1,1,2,2-PCA (1) | PCE (5) | 1,1,1-TCA (200) | 1,1,2-TCA (5) | 1,2,3-TCB | 1,2,4-TCB (5) | 1,2,4-TMB | TCE (5) | TFM (150) | Vinyl chloride (0.5) |
| MW-03 | 1/29/2008 | | 2.5 U | 5 U | 160 | 7.1 | 5 U | 5 U | 5 U | -- | 5 U | 5 U | 5 U | 5 U | 4.6 | 14 | 25 U | 5 U | 5 U | 10 | 5 U | 40 | 62 | 5 U | 5 U | 5 U | 28 | 25 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 230 | 5 U | 2.5 U |
| | 4/24/2008 | | 1.1 | 1 U | 42 | 1 U | 1 U | 1 L,U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 33 | 61 | 5 U | 1 U | 1 U | 1 U | 1 U | 21 | 100 | 1 U | 1 U | 1 U | 18 | 5 U | 1 U | 1 U | 7.2 | 1 U | 1 U | 1 U | 1 U | 1 U | 130 | 1 U | 0.5 U |
| | 7/30/2008 | | 5 U | 10 U | 730 | 88 | 10 U | 10 U | 10 U | -- | 10 U | 10 U | 10 U | 10 U | 16 | 34 | 50 U | 10 U | 10 U | 10 U | 10 U | 35 | 62 | 10 U | 10 U | 10 U | 26 | 50 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 180 | 10 U | 5 U |
| MW-04 | 1/15/1989 | | 0.5 U | 10 | 15 | -- | -- | -- | -- | -- | -- | -- | 0.2 U | 0.2 U | 0.2 U | 3.7 | 14 | 0.2 U | 0.2 U | -- | -- | 36 | 20 | 0.2 U | 0.2 U | 0.2 U | 22 | 0.2 U | 0.2 U | 0.2 U | 1.6 | 0.68 | 0.2 U | -- | -- | -- | 120 | 0.2 U | 0.2 U |
| | 1/15/1989 | K | 5 U | 12 | 90 | 55 | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | 49 | 18 | 5 U | 5 U | 5 U | 18 | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 5 U | 5 U | 5 U |
| | 4/15/1989 | | 5 U | 23 | 15 | 50 | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 5 U | 12 | 94 | 5 U | 5 U | -- | -- | 92 | 5 U | 5 U | 5 U | 5 U | 55 | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 28 | 5 U | 5 U |
| | 4/15/1989 | K | 5 U | 14 | 9 | 43 | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 5 U | 25 | 5 U | 5 U | 5 U | -- | 5 U | 74 | 58 | 5 U | 5 U | 5 U | 54 | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 210 | 5 U | 5 U |
| | 7/15/1989 | | 14 U | 20 U | 140 | 40 | -- | -- | -- | -- | -- | -- | 20 U | 20 U | 20 U | 20 U | 170 | 20 U | 20 U | -- | -- | 80 | 120 | 20 U | 20 U | 20 U | 50 | -- | 20 U | 20 U | 20 U | 20 U | 20 U | -- | -- | -- | 290 | 20 U | 20 U |
| | 7/15/1989 | K | 14 U | 20 | 130 | 45 | -- | -- | -- | -- | -- | -- | 20 U | 20 U | 20 U | 20 U | 170 | 20 U | 20 U | -- | -- | 80 | 120 | 20 U | 20 U | 20 U | 50 | -- | 20 U | 20 U | 20 U | 20 U | 20 U | -- | -- | -- | 290 | 20 U | 20 U |
| | 10/15/1989 | | 5 U | 10 U | 10 U | 10 U | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 10 | 30 | 10 U | 10 U | -- | -- | 100 | 70 | 10 U | 10 U | 10 U | 60 | -- | 20 | 10 U | 10 U | 10 | 10 U | -- | -- | -- | 250 | 10 U | 10 U |
| | 10/15/1989 | K | 6 | 20 | 10 U | 20 | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 10 | 30 | 10 U | 10 U | -- | -- | 100 | 80 | 10 U | 10 U | 10 U | 60 | -- | 20 | 10 U | 10 U | 10 | 10 U | -- | -- | -- | 250 | 10 U | 10 U |
| | 1/24/1990 | | 12 U | 12 U | 12 U | 25 U | -- | -- | -- | -- | -- | -- | 5 U | 12 U | 5 U | 5.1 | 74 | 5 U | 5 U | -- | -- | 72 | 100 | 12 U | 12 U | 12 U | 33 | 5 U | -- | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 220 | 50 U | 5 U |
| | 1/24/1990 | K | 12 U | 1.1 U | 12 U | 25 U | -- | -- | -- | -- | -- | -- | 5 U | 12 U | 5 U | 5.2 | 74 | 5 U | 5 U | -- | -- | 74 | 100 | 12 U | 12 U | 12 U | 40 | 5 U | -- | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 240 | 50 U | 5 U |
| | 4/11/1990 | | 10 U | 10 U | 10 U | 20 U | -- | -- | -- | -- | -- | -- | 4 U | 10 U | 4 U | 6 | 54 | 4 U | 4 U | -- | -- | 67 | 140 | 10 U | 10 U | 10 U | 35 | 4 U | -- | 4 U | 4 U | 4 U | 4 U | -- | -- | -- | 280 | 40 U | 4 U |
| | 4/11/1990 | K | 10 U | 10 U | 10 U | 20 U | -- | -- | -- | -- | -- | -- | 4 U | 10 U | 4 U | 6.4 | 58 | 4 U | 4 U | -- | -- | 78 | 160 | 10 U | 10 U | 10 U | 45 | 4 U | -- | 4 U | 4 U | 4 U | 4 U | -- | -- | -- | 320 | 40 U | 4 U |
| | 7/15/1990 | | 50 U | 50 U | 1600 | 170 | -- | -- | -- | -- | -- | -- | 20 U | 50 U | 20 U | 20 U | 200 U | 20 U | 20 U | 20 U | -- | 65 | 260 | 50 U | 50 U | 50 U | 43 | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U | -- | -- | -- | 320 | 200 U | 20 U |
| | 7/15/1990 | K | 25 U | 25 U | 740 | 250 | -- | -- | -- | -- | -- | -- | 10 U | 25 U | 10 U | 12 | 100 U | 10 U | 10 U | 10 U | -- | 110 | 260 | 25 U | 25 U | 25 U | 76 | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 400 | 100 U | 10 U |
| | 10/15/1990 | | 0.5 U | 17 | 230 | 650 | -- | -- | 10 U | 1250 U | -- | 13 U | 13 U | 13 U | 13 U | 13 U | 38 | 25 U | 25 U | -- | 25 U | 80 | 360 | 10 U | 10 U | 10 U | 54 | 50 U | 13 U | 13 U | 13 U | 13 U | 13 U | -- | 10 U | -- | 250 | 13 U | 25 U |
| | 10/15/1990 | K | 13 U | 17 | 220 | 640 | -- | -- | 10 U | 1250 U | -- | 13 U | 13 U | 13 U | 13 U | 13 U | 39 | 25 U | 25 U | -- | 25 U | 76 | 350 | 10 U | 10 U | 10 U | 51 | 50 U | 13 U | 13 U | 13 U | 13 U | 13 U | -- | 10 U | -- | 250 | 13 U | 25 U |
| | 1/15/1991 | | 0.5 U | 1 U | 1 U | 1 | -- | -- | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | -- | -- | -- | -- | 57 | 190 | -- | -- | -- | 1 U | -- | -- | 1 U | 1 U | -- | -- | -- | -- | -- | 180 | -- | -- |
| | 4/15/1991 | | 10 U | 20 U | 730 | 880 | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 10 U | 43 | 10 U | 10 U | -- | -- | 40 | 180 | 10 U | 10 U | 10 U | 21 | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 170 | 10 U | 10 U |
| | 7/15/1991 | | 0.5 U | 16000 | 6700 | 18000 | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 12 | 94 | 10 U | 10 U | -- | -- | 66 | 95 | 10 U | 10 U | 10 U | 40 | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 190 | 10 U | 10 U |
| | 7/15/1991 | K | 250 U | 6800 | 16000 | 19000 | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 13 | 10 U | 10 U | 10 U | -- | -- | 70 | 98 | 10 U | 10 U | 10 U | 39 | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 200 | 10 U | 10 U |
| | 10/21/1991 | | 1000 U | 6900 | 4100 | 10000 | -- | -- | -- | -- | -- | -- | 400 U | 1000 U | 400 U | 400 U | 4000 U | 400 U | 400 U | 400 U | -- | 400 U | 400 U | 1000 U | 1000 U | 1000 U | 400 U | 2000 U | 400 U | 400 U | 400 U | 400 U | 400 U | -- | -- | -- | 400 U | 4000 U | 400 U |
| | 1/15/1992 | | 250 U | 18000 | 10000 | 17200 | 250 U | 250 U | 250 U | -- | -- | 250 U | 250 U | 250 U | 250 U | 250 U | 1300 U | 500 U | 500 U | 250 U | 250 U | 250 U | 250 U | 250 U | 250 U | 250 U | 250 U | 500 U | 250 U | 250 U | 250 U | 250 U | 250 U | 250 U | 250 U | 250 U | 500 U | 500 U |
| | 1/15/1992 | K | 250 U | 18000 | 10000 | 16200 | 250 U | 250 U | 250 U | -- | -- | 250 U | 250 U | 250 U | 250 U | 250 U | 1300 U | 500 U | 500 U | 250 U | 250 U | 250 U | 250 U | 250 U | 250 U | 250 U | 250 U | 500 U | 250 U | 250 U | 250 U | 250 U | 250 U | 250 U | 250 U | 250 U | 500 U | 500 U |
| | 4/15/1992 | | 6.7 | 7.2 | 960 | 1010 | 5 U | 5 U | 5 U | -- | -- | 5 U | 5 U | 5 U | 5 U | 15 | 18 | 5 U | 5 U | 24 | 5 U | 120 | 49 | 5 U | 5 U | 5 U | 57 | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 280 | 5 U | 5 U |
| | 4/15/1992 | K | 12 U | 12 U | 1100 | 1010 | 12 U | 21 | 12 U | -- | -- | 12 U | 12 U | 12 U | 12 U | 17 | 56 | 12 U | 12 U | 25 | 12 U | 140 | 57 | 12 U | 12 U | 12 U | 77 | 12 U | 12 U | 12 U | 12 U | 12 U | 12 U | 12 U | 12 U | 12 U | 350 | 12 U | 12 U |
| | 7/15/1992 | | 5 U | 10 U | 200 | 280 | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 12 | 61 | 10 U | 10 U | -- | -- | 74 | 32 | 10 U | 10 U | 10 U | 53 | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 280 | 10 U | 10 U |
| | 7/15/1992 | K | 5 U | 10 U | 200 | 260 | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 12 | 57 | 10 U | 10 U | -- | -- | 74 | 30 | 10 U | 10 U | 10 U | 51 | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 250 | 10 U | 10 U |
| | 10/15/1992 | | 71 | 1 U | 1300 | 230 | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 1 U | 1 U | 26 | 10 U | 10 U | -- | -- | 48 | 18 | 10 U | 10 U | 10 U | 32 | -- | 1 U | 10 U | 1 U | 1 U | 10 U | -- | -- | -- | 230 | 10 U | 10 U |
| | 10/15/1992 | K | 71 | 1 U | 1200 | 200 | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 1 U | 1 U | 28 | 10 U | 10 U | -- | -- | 53 | 18 | 10 U | 10 U | 10 U | 37 | -- | 1 U | 10 U | 1 U | 1 U | 10 U | -- | -- | -- | 260 | 10 U | 10 U |
| | 1/15/1993 | | 130 U | 10000 | 10000 | 19000 | -- | -- | -- | -- | -- | -- | 250 U | 250 U | 250 U | 250 U | 250 U | 250 U | 250 U | -- | -- | 250 U | 250 U | 250 U | 250 U | 250 U | 250 U | -- | 250 U | 250 U | 250 U | 250 U | 250 U | -- | -- | -- | 250 U | 250 U | 250 U |
| | 1/15/1993 | K | 130 U | 11000 | 11000 | 20000 | -- | -- | -- | -- | -- | -- | 250 U | 250 U | 250 U | 250 U | 250 U | 250 U | 250 U | -- | -- | 250 U | 250 U | 250 U | 250 U | 250 U | 250 U | -- | 250 U | 250 U | 250 U | 250 U | 250 U | -- | -- | -- | 250 U | 250 U | 250 U |
| | 4/20/1993 | | 0.5 U | 1 U | 88 | 13 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 3.8 B | 1 U | 1 U | -- | -- | 4.2 | 11 | 1 U | 1 U | 1 U | 3.9 | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 25 | 1 U | 1 U |
| | 4/20/1993 | K | 0.5 U | 1 U | 85 | 15 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 8.4 B | 1 U | 1 U | -- | -- | 4 | 11 | 1 U | 1 U | 1 U | 3.4 | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 21 | 1 U | 1 U |
| | 7/13/1993 | | 0.6 | 2 | 1.8 | 11 | -- | -- | -- | -- | -- | -- | 2.5 U | 2.5 U | 2.5 U | 2.6 | 17 B | 2.5 U | 2.5 U | -- | -- | 29 | 9 | 2.5 U | 2.5 U | 2.5 U | 23 | -- | 3.3 | 2.5 U | 2.5 U | 2.5 U | 2.5 U | -- | -- | -- | 100 | 2.5 U | 2.5 U |
| | 7/13/1993 | K | 0.55 | 1.7 | 1.5 | 9.9 | -- | -- | -- | -- | -- | -- | 2 U | 2 U | 2 U | 3 | 20 B | 2 U | 2 U | -- | -- | 29 | 9.6 | 2 U | 2 U | 2 U | 24 | -- | 4 | 2 U | 2 U | 2 U | 2 U | -- | -- | -- | 100 | 2 U | 2 U |
| | 10/13/1993 | | 1.3 | 1 U | 1 U | 40 | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 11 | 59 | 10 U | 10 U | -- | -- | 65 | 13 | 10 U | 10 U | 10 U | 55 | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 290 | 10 U | 10 U |

# Table C-2
## Phibro-Tech, Inc.
## Historical Groundwater Analytical Results
## Volatile Organic Compounds (VOCs) Analytical Summary

| | | | Non-chlorinated VOCs | | | | | | | | | | Chlorinated VOCs | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Well Number | Sample Date | Sample Type | Ben (1) | Tol (150) | e-Ben (300) | T-Xyl (1,750) | N-P Ben | ISB | NAP | 1,4-Diox | PIPT | STY (0.1) | BDCM | Chloro benzene (70) | CCl4 (0.5) | CFM (80) | MCL (5) | Chloro-ethane | Chloro-methane | cis-1,2-DCE (6) | 1,2-DBE (0.05) | 1,1-DCA (5) | 1,2-DCA (0.5) | 1,2-DCB (600) | 1,3-DCB | 1,4-DCB (5) | 1,1-DCE (6) | DCFM | trans-1,2-DCE (10) | 1,1,2,2-PCA (1) | PCE (5) | 1,1,1-TCA (200) | 1,1,2-TCA (5) | 1,2,3-TCB | 1,2,4-TCB (5) | 1,2,4-TMB | TCE (5) | TFM (150) | Vinyl chloride (0.5) |
| MW-04 | 10/14/1993 | K | 5 U | 10 U | 320 | 10 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 24 | 8 | 1 U | 1 U | 1 U | 4.8 | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 21 | 1 U | 1 U |
| | 1/11/1994 | | 0.81 | 1 U | 8.3 | 14 | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 5 U | 5 U | 23 B | 5 U | 5 U | -- | -- | 42 | 5 U | 5 U | 5 U | 5 U | 43 | -- | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 130 | 5 U | 5 U |
| | 1/11/1994 | K | 1 | 1 U | 7.2 | 20 | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 5 U | 5 U | 30 | 5 U | 5 U | -- | -- | 52 | 5 U | 5 U | 5 U | 5 U | 56 | -- | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 180 | 5 U | 5 U |
| | 4/13/1994 | | 0.5 U | 1 U | 4 | 6.5 | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 5 U | 5 U | 19 | 5 U | 5 U | -- | -- | 42 | 5 U | 5 U | 5 U | 5 U | 33 | -- | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 190 | 5 U | 5 U |
| | 4/13/1994 | K | 0.5 U | 1 U | 3.2 | 6.4 | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 5 U | 5 U | 20 | 5 U | 5 U | -- | -- | 42 | 5 U | 5 U | 5 U | 5 U | 32 | -- | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 190 | 5 U | 5 U |
| | 7/19/1994 | | 0.58 | 1 U | 1 U | 4.2 | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 10 U | 33 B | 10 U | 10 U | -- | -- | 68 | 10 U | 10 U | 10 U | 10 U | 59 | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 340 | 10 U | 10 U |
| | 7/19/1994 | K | 0.59 | 1 U | 1 U | 3.6 | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 10 U | 34 | 10 U | 10 U | -- | -- | 67 | 10 U | 10 U | 10 U | 10 U | 60 | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 340 | 10 U | 10 U |
| | 10/11/1994 | | 5 U | 10 U | 270 | 39 | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 21 | 97 | 10 U | 10 U | -- | -- | 110 | 10 U | 10 U | 10 U | 10 U | 78 | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 390 | 10 U | 10 U |
| | 10/11/1994 | K | 5 U | 10 U | 320 | 46 | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 20 | 100 | 10 U | 10 U | -- | -- | 120 | 10 U | 10 U | 10 U | 10 U | 86 | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 420 | 10 U | 10 U |
| | 1/18/1995 | | 5 U | 10 U | 350 | 130 | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 10 U | 21 B | 10 U | 10 U | -- | -- | 51 | 10 U | 10 U | 10 U | 10 U | 37 | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 190 | 10 U | 10 U |
| | 1/18/1995 | K | 5 U | 10 U | 360 | 120 | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 10 U | 20 B | 10 U | 10 U | -- | -- | 51 | 10 U | 10 U | 10 U | 10 U | 37 | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 190 | 10 U | 10 U |
| | 4/18/1995 | | 100 U | 1600 | 1700 | 2900 | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 10 U | 34 B | 10 U | 10 U | -- | -- | 32 | 10 U | 10 U | 10 U | 10 U | 15 | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 67 | 10 U | 10 U |
| | 4/18/1995 | K | 100 U | 1400 | 1500 | 2600 | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 10 U | 41 B | 10 U | 10 U | -- | -- | 31 | 10 U | 10 U | 10 U | 10 U | 15 | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 61 | 10 U | 10 U |
| | 7/12/1995 | | 10 U | 270 | 260 | 890 | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 5 U | 5 U | 19 B | 5 U | 5 U | -- | -- | 27 | 6.3 | 5 U | 5 U | 5 U | 17 | -- | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 90 | 5 U | 5 U |
| | 7/12/1995 | K | 10 U | 410 | 380 | 1300 | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 10 U | 20 B | 10 U | 10 U | -- | -- | 27 | 10 U | 10 U | 10 U | 10 U | 17 | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 94 | 10 U | 10 U |
| | 10/10/1995 | | 2.5 U | 5 U | 75 | 21 | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 10 U | 42 | 10 U | 10 U | -- | -- | 59 | 10 U | 10 U | 10 U | 10 U | 34 | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 150 | 10 U | 10 U |
| | 10/10/1995 | K | 2.5 U | 5 U | 79 | 23 | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 10 U | 42 | 10 U | 10 U | -- | -- | 61 | 10 U | 10 U | 10 U | 10 U | 36 | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 160 | 10 U | 10 U |
| | 1/31/1996 | | 50 U | 100 U | 2100 | 1400 | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 10 U | 26 | 10 U | 10 U | -- | -- | 46 | 14 | 10 U | 10 U | 10 U | 25 | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 160 | 10 U | 10 U |
| | 1/31/1996 | K | 50 U | 120 | 2800 | 1800 | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 10 U | 30 | 10 U | 10 U | -- | -- | 52 | 19 | 10 U | 10 U | 10 U | 28 | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 150 | 10 U | 10 U |
| | 4/16/1996 | | 25 U | 680 | 1300 | 1400 | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 10 U | 31 | 10 U | 10 U | -- | -- | 52 | 15 | 10 U | 10 U | 10 U | 39 | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 130 | 10 U | 10 U |
| | 4/16/1996 | K | 25 U | 600 | 1100 | 1200 | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 10 U | 35 | 10 U | 10 U | -- | -- | 86 | 16 | 10 U | 10 U | 10 U | 46 | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 150 | 10 U | 10 U |
| | 7/16/1996 | | 50 U | 100 U | 1000 | 270 | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 10 U | 31 | 10 U | 10 U | -- | -- | 46 | 10 U | 10 U | 10 U | 10 U | 32 | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 140 | 10 U | 10 U |
| | 7/16/1996 | K | 0.5 U | 1 U | 1000 | 250 | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 10 U | 29 | 10 U | 10 U | -- | -- | 44 | 10 U | 10 U | 10 U | 10 U | 30 | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 130 | 10 U | 10 U |
| | 10/9/1996 | | 50 U | 380 | 1100 | 1900 | -- | -- | -- | -- | -- | -- | 20 U | 20 U | 20 U | 22 | 110 | 20 U | 20 U | -- | -- | 100 | 20 U | 20 U | 20 U | 20 U | 48 | -- | 20 U | 20 U | 20 U | 20 U | 20 U | -- | -- | -- | 310 | 20 U | 20 U |
| | 10/9/1996 | K | 50 U | 370 | 1100 | 1900 | -- | -- | -- | -- | -- | -- | 20 U | 20 U | 20 U | 24 | 110 | 20 U | 20 U | -- | -- | 110 | 20 U | 20 U | 20 U | 20 U | 27 | -- | 20 U | 20 U | 20 U | 20 U | 20 U | -- | -- | -- | 330 | 20 U | 20 U |
| | 1/14/1997 | | 6.2 U | 12 U | 1100 | 12 U | -- | -- | -- | -- | -- | -- | 12 U | 12 U | 12 U | 12 U | 56 | 12 U | 12 U | -- | -- | 130 | 36 | 12 U | 12 U | 12 U | 76 | -- | 12 U | 12 U | 12 U | 12 U | 12 U | -- | -- | -- | 330 | 12 U | 12 U |
| | 1/14/1997 | K | 6.2 U | 12 U | 970 | 12 U | -- | -- | -- | -- | -- | -- | 12 U | 12 U | 12 U | 12 U | 56 | 12 U | 12 U | -- | -- | 130 | 34 | 12 U | 12 U | 12 U | 69 | -- | 12 U | 12 U | 12 U | 12 U | 12 U | -- | -- | -- | 290 | 12 U | 12 U |
| | 4/16/1997 | | 12 U | 35 | 1300 | 620 | -- | -- | -- | -- | -- | -- | 25 U | 25 U | 25 U | 25 U | 31 | 25 U | 25 U | -- | -- | 67 | 25 U | 25 U | 25 U | 25 U | 32 | -- | 25 U | 25 U | 25 U | 25 U | 25 U | -- | -- | -- | 150 | 25 U | 25 U |
| | 4/16/1997 | K | 12 U | 34 | 1300 | 580 | -- | -- | -- | -- | -- | -- | 25 U | 25 U | 25 U | 25 U | 29 | 25 U | 25 U | -- | -- | 62 | 25 U | 25 U | 25 U | 25 U | 30 | -- | 25 U | 25 U | 25 U | 25 U | 25 U | -- | -- | -- | 150 | 25 U | 25 U |
| | 7/9/1997 | | 5 U | 10 U | 810 | 110 | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 10 U | 35 | 10 U | 10 U | -- | -- | 42 | 10 U | 10 U | 10 U | 10 U | 32 | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 150 | 10 U | 10 U |
| | 7/9/1997 | K | 5 U | 10 U | 860 | 120 | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 10 U | 36 | 10 U | 10 U | -- | -- | 42 | 10 U | 10 U | 10 U | 10 U | 33 | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 160 | 10 U | 10 U |
| | 10/16/1997 | | 5 U | 10 U | 460 | 31 | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 27 | 140 | 10 U | 10 U | -- | -- | 140 | 12 | 10 U | 10 U | 10 U | 69 | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 230 | 10 U | 10 U |
| | 10/16/1997 | K | 5 U | 10 U | 430 | 76 | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 26 | 140 | 10 U | 10 U | -- | -- | 140 | 12 | 10 U | 10 U | 10 U | 64 | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 220 | 10 U | 10 U |
| | 1/14/1998 | | 5 U | 10 U | 530 | 420 | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 10 U | 46 | 10 U | 10 U | -- | -- | 72 | 61 | 10 U | 10 U | 10 U | 42 | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 180 | 10 U | 10 U |
| | 1/14/1998 | K | 2.5 U | 5 U | 480 | 390 | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 5 U | 9.2 | 44 | 5 U | 5 U | -- | -- | 67 | 58 | 5 U | 5 U | 5 U | 43 | -- | 5 U | 5 U | 5 J | 5 U | 5 U | -- | -- | -- | 170 | 5 U | 5 U |
| | 4/22/1998 | | 2.9 | 5 U | 320 | 5 U | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 5 U | 5 U | 17 | 5 U | 5 U | -- | -- | 37 | 110 | 5 U | 5 U | 5 U | 25 | -- | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 92 | 5 U | 5 U |
| | 4/22/1998 | K | 2.8 | 5 U | 300 | 5 U | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 5 U | 5 U | 16 | 5 U | 5 U | -- | -- | 35 | 100 | 5 U | 5 U | 5 U | 24 | -- | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 88 | 5 U | 5 U |
| | 7/15/1998 | | 12 U | 25 U | 1200 | 300 | -- | -- | -- | -- | -- | -- | 25 U | 25 U | 25 U | 25 U | 28 | 25 U | 25 U | -- | -- | 28 | 25 U | 25 U | 25 U | 25 U | 25 U | -- | 25 U | 25 U | 25 U | 25 U | 25 U | -- | -- | -- | 120 | 25 U | 25 U |
| | 7/15/1998 | K | 12 U | 25 U | 1300 | 320 | -- | -- | -- | -- | -- | -- | 25 U | 25 U | 25 U | 25 U | 29 | 25 U | 25 U | -- | -- | 31 | 25 U | 25 U | 25 U | 25 U | 27 | -- | 25 U | 25 U | 25 U | 25 U | 25 U | -- | -- | -- | 120 | 25 U | 25 U |

**Table C-2**
**Phibro-Tech, Inc.**
**Historical Groundwater Analytical Results**
**Volatile Organic Compounds (VOCs) Analytical Summary**

| | | | Non-chlorinated VOCs | | | | | | | | | | Chlorinated VOCs | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Well Number | Sample Date | Sample Type | Ben (1) | Tol (150) | e-Ben (300) | T-Xyl (1,750) | N-P Ben | ISB | NAP | 1,4-Diox | PIPT | STY (0.1) | BDCM | Chloro benzene (70) | CCl4 (0.5) | CFM (80) | MCL (5) | Chloro-ethane | Chloro-methane | cis-1,2-DCE (6) | 1,2-DBE (0.05) | 1,1-DCA (5) | 1,2-DCA (0.5) | 1,2-DCB (600) | 1,3-DCB | 1,4-DCB (5) | 1,1-DCE (6) | DCFM | trans-1,2-DCE (10) | 1,1,2,2-PCA (1) | PCE (5) | 1,1,1-TCA (200) | 1,1,2-TCA (5) | 1,2,3-TCB | 1,2,4-TCB (5) | 1,2,4-TMB | TCE (5) | TFM (150) | Vinyl chloride (0.5) |
| MW-04 | 10/21/1998 | | 6.2 U | 12 U | 740 | 240 | -- | -- | -- | -- | -- | -- | 12 U | 12 U | 12 U | 12 | 52 | 12 U | 12 U | -- | -- | 64 | 22 | 12 U | 12 U | 12 U | 29 | -- | 12 U | 12 U | 12 U | 12 U | 12 U | -- | -- | -- | 120 | 12 U | 12 U |
| | 10/21/1998 | K | 6.2 U | 12 U | 740 | 240 | -- | -- | -- | -- | -- | -- | 12 U | 12 U | 12 U | 13 | 56 | 12 U | 12 U | -- | -- | 66 | 23 | 12 U | 12 U | 12 U | 29 | -- | 12 U | 12 U | 12 U | 12 U | 12 U | -- | -- | -- | 130 | 12 U | 12 U |
| | 1/15/1999 | | 5 U | 10 U | 520 | 31 | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 35 | 140 | 10 U | 10 U | -- | -- | 140 | 33 | 10 U | 10 U | 10 U | 60 | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 260 | 10 U | 10 U |
| | 1/15/1999 | K | 3.5 U | 2.5 U | 520 U | 9.9 U | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 42 | 200 | 10 U | 10 U | -- | -- | 170 | 40 | 10 U | 10 U | 10 U | 71 | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 260 U | 10 U | 10 U |
| | 4/15/1999 | | 3.5 | 2.5 U | 220 | 9.9 | -- | -- | -- | -- | -- | -- | 2.5 U | 2.5 U | 2.5 U | 10 | 36 | 5 U | 5 U | 68 | -- | 64 | 66 | 2.5 U | 2.5 U | 2.5 U | 40 | -- | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | -- | -- | -- | 190 | 5 U | 5 U |
| | 4/15/1999 | K | 3.6 | 2.5 U | 230 | 7.5 | -- | -- | -- | -- | -- | -- | 2.5 U | 2.5 U | 2.5 U | 10 | 37 | 5 U | 5 U | 68 | -- | 66 | 68 | 2.5 U | 2.5 U | 2.5 U | 43 | -- | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | -- | -- | -- | 190 | 5 U | 5 U |
| | 7/15/1999 | | 10 U | 10 U | 670 | 67 | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 10 U | 38 | 20 U | 20 U | 100 | -- | 58 | 87 | 10 U | 10 U | 10 U | 36 | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 140 | 20 U | 20 U |
| | 7/15/1999 | K | 10 U | 10 U | 500 | 60 | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 11 | 46 | 20 U | 20 U | 120 | -- | 68 | 77 | 10 U | 10 U | 10 U | 42 | -- | 10 U | 10 U | 12 | 10 U | 10 U | -- | -- | -- | 150 | 20 U | 20 U |
| | 10/15/1999 | | 5 U | 5 U | 92 | 11 | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 5 U | 25 | 130 | 10 U | 10 U | 160 | -- | 170 | 85 | 5 U | 5 U | 5 U | 82 | -- | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 210 | 10 U | 10 U |
| | 10/15/1999 | K | 5 U | 5 U | 80 | 13 | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 5 U | 30 | 150 | 10 U | 10 U | 170 | -- | 190 | 74 | 5 U | 5 U | 5 U | 88 | -- | 5.4 | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 220 | 10 U | 10 U |
| | 1/27/2000 | | 5.1 | 2.5 U | 2.5 U | 6 | -- | -- | -- | -- | -- | -- | 2.5 U | 2.5 U | 2.5 U | 18 | 100 | 5 U | 5 U | 170 | -- | 160 | 18 | 2.5 U | 2.5 U | 2.5 U | 85 | -- | 4.9 | 2.5 U | 8.8 | 2.5 U | 2.5 U | -- | -- | -- | 160 | 5 U | 5 U |
| | 1/27/2000 | K | 5 | 2.5 U | 2.5 U | 6 | -- | -- | -- | -- | -- | -- | 2.5 U | 2.5 U | 2.5 U | 18 | 100 | 5 U | 5 U | 170 | -- | 160 | 18 | 2.5 U | 2.5 U | 2.5 U | 84 | -- | 4.7 | 2.5 U | 8.7 | 2.5 U | 2.5 U | -- | -- | -- | 160 | 5 U | 5 U |
| | 4/15/2000 | | 5 U | 5 U | 46 | 8.6 | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 5 U | 13 | 53 | 10 U | 10 U | 130 | -- | 170 | 94 | 5 U | 5 U | 5 U | 98 | -- | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 240 | 10 U | 10 U |
| | 4/15/2000 | K | 5 U | 5 U | 43 | 9.5 | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 5 U | 15 | 60 | 10 U | 10 U | 140 | -- | 190 | 100 | 5 U | 5 U | 5 U | 110 | -- | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 270 | 10 U | 10 U |
| | 10/15/2000 | | 50 U | 50 U | 2500 | 50 U | -- | -- | -- | -- | -- | -- | 50 U | 50 U | 50 U | 50 U | 50 U | 100 U | 100 U | 130 | -- | 74 | 99 | 50 U | 50 U | 50 U | 1 U | -- | 50 U | 50 U | 50 U | 50 U | 50 U | -- | -- | -- | 170 | 100 U | 100 U |
| | 10/15/2000 | K | 50 U | 50 U | 2400 | 50 U | -- | -- | -- | -- | -- | -- | 50 U | 50 U | 50 U | 50 U | 50 U | 100 U | 100 U | 130 | -- | 80 | 100 | 50 U | 50 U | 50 U | 1 U | -- | 50 U | 50 U | 50 U | 50 U | 50 U | -- | -- | -- | 180 | 100 U | 100 U |
| | 4/15/2001 | | 50 U | 120 | 3100 | 830 | -- | -- | -- | -- | -- | -- | 50 U | 50 U | 50 U | 50 U | 50 U | 100 U | 100 U | 100 | -- | 58 | 50 U | 50 U | 50 U | 50 U | 50 U | -- | 50 U | 50 U | 50 U | 50 U | 50 U | -- | -- | -- | 150 | 100 U | 100 U |
| | 4/15/2001 | K | 50 U | 120 | 3000 | 830 | -- | -- | -- | -- | -- | -- | 50 U | 50 U | 50 U | 50 U | 50 U | 100 U | 100 U | 110 | -- | 57 | 50 U | 50 U | 50 U | 50 U | 50 U | -- | 50 U | 50 U | 50 U | 50 U | 50 U | -- | -- | -- | 150 | 100 U | 100 U |
| | 7/18/2001 | | 50 U | 50 U | 2400 | 50 U | -- | -- | -- | 16 | -- | -- | 50 U | 50 U | 50 U | 50 U | 50 U | 100 U | 100 U | 50 U | -- | 50 U | 50 U | 50 U | 50 U | 50 U | 50 U | -- | 50 U | 50 U | 50 U | 50 U | 50 U | -- | -- | -- | 74 | 100 U | 100 U |
| | 7/18/2001 | K | 50 U | 50 U | 2400 | 50 U | -- | -- | -- | 16 | -- | -- | 50 U | 50 U | 50 U | 50 U | 50 U | 100 U | 100 U | 50 U | -- | 50 U | 50 U | 50 U | 50 U | 50 U | 50 U | -- | 50 U | 50 U | 50 U | 50 U | 50 U | -- | -- | -- | 76 | 100 U | 100 U |
| | 10/18/2001 | | 50 U | 50 U | 3700 | 50 U | -- | -- | -- | 37 | -- | -- | 50 U | 50 U | 50 U | 50 U | 50 U | 100 U | 100 U | 65 | -- | 73 | 50 U | 50 U | 50 U | 50 U | 50 U | -- | 50 U | 50 U | 50 U | 50 U | 50 U | -- | -- | -- | 170 | 100 U | 100 U |
| | 10/18/2001 | K | 50 U | 50 U | 2800 | 50 U | -- | -- | -- | 36 | -- | -- | 50 U | 50 U | 50 U | 50 U | 59 | 100 U | 100 U | 81 | -- | 90 | 50 U | 50 U | 50 U | 50 U | 50 U | -- | 50 U | 50 U | 50 U | 50 U | 50 U | -- | -- | -- | 220 | 100 U | 100 U |
| | 1/17/2002 | | 10 U | 10 U | 680 | 10 U | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 10 U | 20 | 20 U | 20 U | 63 | -- | 55 | 160 | 10 U | 10 U | 10 U | 31 | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 130 | 20 U | 20 U |
| | 1/17/2002 | K | 10 U | 10 U | 720 | 10 U | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 10 U | 24 | 20 U | 20 U | 70 | -- | 58 | 160 | 10 U | 10 U | 10 U | 32 | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 140 | 20 U | 20 U |
| | 4/18/2002 | | 50 U | 50 U | 2200 | 170 | -- | -- | -- | -- | -- | -- | 50 U | 50 U | 50 U | 50 U | 58 | 100 U | 100 U | 86 | -- | 100 | 50 U | 50 U | 50 U | 50 U | 57 | -- | 50 U | 50 U | 50 U | 50 U | 50 U | -- | -- | -- | 260 | 100 U | 100 U |
| | 4/18/2002 | K | 50 U | 50 U | 1900 | 160 | -- | -- | -- | -- | -- | -- | 50 U | 50 U | 50 U | 50 U | 60 | 100 U | 100 U | 84 | -- | 100 | 50 U | 50 U | 50 U | 50 U | 65 | -- | 50 U | 50 U | 50 U | 50 U | 50 U | -- | -- | -- | 260 | 100 U | 100 U |
| | 7/25/2002 | | 7.7 | 5 U | 220 | 328 | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 5 U | 18 | 85 | 10 U | 10 U | 210 | -- | 180 | 32 | 5 U | 5 U | 5 U | 110 | -- | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 210 | 10 U | 10 U |
| | 7/25/2002 | K | 7.6 | 5 U | 200 | 317 | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 5 U | 18 | 84 | 10 U | 10 U | 200 | -- | 170 | 32 | 5 U | 5 U | 5 U | 110 | -- | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 210 | 10 U | 10 U |
| | 10/23/2002 | | 12 U | 12 U | 820 | 1650 | -- | -- | 10 U | -- | -- | -- | 12 U | 12 U | 12 U | 20 | 87 | 25 U | 25 U | 240 | -- | 200 | 31 | 12 U | 12 U | 12 U | 76 | -- | 12 U | 12 U | 12 U | 12 U | 12 U | -- | 10 U | -- | 130 | 25 U | 25 U |
| | 10/23/2002 | K | 12 U | 12 U | 880 | 1760 | -- | -- | 10 U | -- | -- | -- | 12 U | 12 U | 12 U | 21 | 90 | 25 U | 25 U | 250 | -- | 210 | 28 | 12 U | 12 U | 12 U | 82 | -- | 12 U | 12 U | 12 U | 12 U | 12 U | -- | 10 U | -- | 140 | 25 U | 25 U |
| | 12/30/2002 | | 3.8 | 0.37 J | 51 | 81 | -- | -- | -- | -- | -- | 2.5 U | 2.5 U | 1.5 J | 2.5 U | 8.1 | 30 | 0.47 J | 2.5 U | 130 E | 2.5 U | 110 | 67 | 2.5 U | 2.5 U | 2.5 U | 45 | 2.5 U | 2.3 J | 2.5 U | 1.9 J | 2.5 U | 2.5 U | -- | -- | -- | 85 | 2.5 U | 0.39 J |
| | 12/30/2002 | K | 3.8 J | 0.4 J | 49 | 78 | -- | -- | -- | -- | -- | 5 U | 5 U | 1.6 J | 5 U | 9.7 | 36 | 5 U | 5 U | 140 | 5 U | 120 | 64 | 5 U | 5 U | 5 U | 48 | 5 U | 2.8 J | 5 U | 2.1 J | 5 U | 5 U | -- | -- | -- | 99 | 5 U | 0.34 J |
| | 4/25/2003 | | 5.6 | 5 U | 540 | 31 | 5 U | 6.4 | 5 U | -- | 5 U | 5 U | 5 U | 5 U | 2.5 U | 17 | 68 | 5 U | 5 U | 210 | 5 U | 150 | 150 | 5 U | 5 U | 5 U | 83 | 25 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 130 | 5 U | 2.5 U |
| | 4/25/2003 | K | 5.6 | 5 U | 500 | 28.4 | 5 U | 5.8 | 5 U | -- | 5 U | 5 U | 5 U | 5 U | 2.5 U | 18 | 75 | 5 U | 5 U | 220 | 5 U | 150 | 160 | 5 U | 5 U | 5 U | 83 | 25 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 140 | 5 U | 2.5 U |
| | 7/30/2003 | | 5.8 | 5 U | 5 U | 10 U | 5 U | 5 U | 5 U | -- | 5 U | 5 U | 5 U | 5 U | 2.5 U | 25 | 96 | 5 U | 5 U | 230 | 5 U | 160 | 56 | 5 U | 5 U | 5 U | 78 | 25 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 140 | 5 U | 2.5 U |
| | 7/30/2003 | K | 7 | 10 U | 10 U | 20 U | 10 U | 10 U | 10 U | -- | 10 U | 10 U | 10 U | 10 U | 5 U | 25 | 100 | 10 U | 10 U | 250 | 10 U | 170 | 59 | 10 U | 10 U | 10 U | 80 | 50 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 150 | 10 U | 5 U |
| | 10/23/2003 | | 20 U | 20 U | 410 | 40 U | -- | -- | 10 U | -- | -- | 20 U | 20 U | 20 U | 50 U | 20 U | 61 | 50 U | 50 U | 160 | -- | 150 | 53 | 20 U | 20 U | 20 U | 65 | 50 U | 20 U | 20 U | 20 U | 20 U | 20 U | -- | 10 U | -- | 140 | 50 U | 50 U |
| | 10/23/2003 | K | 8 U | 8 U | 390 | 16 U | -- | -- | 10 U | -- | -- | 8 U | 8 U | 8 U | 20 U | 13 | 58 | 20 U | 20 U | 180 | -- | 160 | 55 | 8 U | 8 U | 8 U | 73 | 20 U | 8 U | 8 U | 8 U | 8 U | 8 U | -- | 10 U | -- | 150 | 20 U | 20 U |
| | 1/23/2004 | | 5.7 | 4 U | 200 | 9.6 | 4 U | 21 | 4 U | -- | 4 U | 4 U | 4 U | 4 U | 2 U | 16 | 73 | 4 U | 4 U | 170 | 4 U | 200 | 120 | 4 U | 4 U | 4 U | 74 | 20 U | 4 U | 4 U | 4 U | 4 U | 4 U | 4 U | 4 U | 4 U | 190 | 4 U | 2 U |

**Table C-2**
**Phibro-Tech, Inc.**
**Historical Groundwater Analytical Results**
**Volatile Organic Compounds (VOCs) Analytical Summary**

| | | | Non-chlorinated VOCs | | | | | | | | | | Chlorinated VOCs | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Well Number | Sample Date | Sample Type | Ben (1) | Tol (150) | e-Ben (300) | T-Xyl (1,750) | N-P Ben | ISB | NAP | 1,4-Diox | PIPT | STY (0.1) | BDCM | Chloro benzene (70) | CCl4 (0.5) | CFM (80) | MCL (5) | Chloro-ethane | Chloro-methane | cis-1,2-DCE (6) | 1,2-DBE (0.05) | 1,1-DCA (5) | 1,2-DCA (0.5) | 1,2-DCB (600) | 1,3-DCB | 1,4-DCB (5) | 1,1-DCE (6) | DCFM | trans-1,2-DCE (10) | 1,1,2,2-PCA (1) | PCE (5) | 1,1,1-TCA (200) | 1,1,2-TCA (5) | 1,2,3-TCB | 1,2,4-TCB (5) | 1,2,4-TMB | TCE (5) | TFM (150) | Vinyl chloride (0.5) |
| MW-04 | 1/23/2004 | K | 6.3 | 2.5 U | 210 | 13 | 2.5 U | 25 | 2.5 U | -- | 2.5 U | 2.5 U | 2.5 U | 3.2 | 1.2 U | 16 | 67 | 2.5 U | 2.5 U | 150 | 2.5 U | 190 | 140 | 2.5 U | 2.5 U | 2.5 U | 76 | 12 U | 3.4 | 2.5 U | 3 | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 200 | 2.5 U | 1.2 U |
| | 4/21/2004 | | 3.3 | 4 U | 4 U | 8 U | 4 U | 4.3 | 4 U | -- | 4 U | 4 U | 4 U | 4 U | 2 U | 14 | 70 | 4 U | 4 U | 110 | 4 U | 180 | 140 | 4 U | 4 U | 4 U | 99 | 20 U | 4 U | 4 U | 4 U | 4 U | 4 U | 4 U | 4 U | 4 U | 330 | 4 U | 2 U |
| | 4/21/2004 | K | 3.3 | 2.5 U | 2.5 U | 5 U | 2.5 U | 4.4 | 2.5 U | -- | 2.5 U | 2.5 U | 2.5 U | 3.1 | 1.2 U | 14 | 70 | 2.5 U | 2.5 U | 110 | 2.5 U | 180 | 160 | 2.5 U | 2.5 U | 2.5 U | 99 | 12 U | 3 | 2.5 U | 3.9 | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 330 | 2.5 U | 1.2 U |
| | 7/21/2004 | | 2.5 U | 5 U | 5 U | 10 U | 5 U | 5 U | 5 U | -- | 5 U | 5 U | 5 U | 5 U | 2.5 U | 14 | 61 | 5 U | 5 U | 83 | 5 U | 190 | 100 | 5 U | 5 U | 5 U | 91 | 25 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 310 | 5 U | 2.5 U |
| | 7/21/2004 | K | 2.5 U | 5 U | 5 U | 10 U | 5 U | 5 U | 5 U | -- | 5 U | 5 U | 5 U | 5 U | 2.5 U | 14 | 63 | 5 U | 5 U | 82 | 5 U | 190 | 100 | 5 U | 5 U | 5 U | 93 | 25 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 310 | 5 U | 2.5 U |
| | 10/12/2004 | | 2 U | 2 U | 2 U | 4 U | -- | -- | 9.7 U | -- | -- | 2 U | 2 U | 2 U | 5 U | 2 | 5 U | 5 U | 5 U | 51 | -- | 150 | 46 | 2 U | 2 U | 2 U | 48 | 5 U | 2 U | 2 U | 3.2 | 2 U | 2 U | -- | 9.7 U | -- | 160 | 5 U | 5 U |
| | 10/12/2004 | K | 1.3 | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1.8 | 0.5 U | 2 | 5 U | 1 U | 1 U | 51 | 1 U | 170 | 48 | 1 U | 1 U | 1 U | 52 | 5 U | 2 | 1 U | 3.5 | 1 U | 1 U | 1 U | 1 U | 1 U | 190 | 1 U | 0.5 U |
| | 1/27/2005 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 3.2 | 1 U | 24 | 3.7 | 1 U | 1 U | 1 U | 5.9 | 5 U | 1 U | 1 U | 5.1 | 1 U | 1 U | 1 U | 1 U | 1 U | 36 | 1 U | 0.5 U |
| | 1/27/2005 | K | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 3.3 | 1 U | 26 | 3.9 | 1 U | 1 U | 1 U | 6.5 | 5 U | 1 U | 1 U | 5.1 | 1 U | 1 U | 1 U | 1 U | 1 U | 39 | 1 U | 0.5 U |
| | 4/27/2005 | | 5 U | 10 U | 10 U | 20 U | 10 U | 10 U | 10 U | -- | 10 U | 10 U | 10 U | 10 U | 5 U | 13 | 51 | 10 U | 10 U | 63 | 10 U | 340 | 40 | 10 U | 10 U | 10 U | 120 | 50 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 370 | 10 U | 5 U |
| | 4/27/2005 | K | 5 U | 10 U | 10 U | 20 U | 10 U | 10 U | 10 U | -- | 10 U | 10 U | 10 U | 10 U | 5 U | 14 | 55 | 10 U | 10 U | 64 | 10 U | 350 | 40 | 10 U | 10 U | 10 U | 120 | 50 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 370 | 10 U | 5 U |
| | 7/27/2005 | | 2.5 U | 5 U | 5 U | 10 U | 5 U | 5 U | 5 U | -- | 5 U | 5 U | 5 U | 5 U | 2.5 U | 11 | 43 | 5 U | 5 U | 55 | 5 U | 190 | 37 | 5 U | 5 U | 5 U | 94 | 25 U | 5 U | 5 U | 7.4 | 5 U | 5 U | 5 U | 5 U | 5 U | 370 | 5 U | 2.5 U |
| | 7/27/2005 | K | 2.5 U | 5 U | 5 U | 10 U | 5 U | 5 U | 5 U | -- | 5 U | 5 U | 5 U | 5 U | 2.5 U | 9.4 | 38 | 5 U | 5 U | 46 | 5 U | 160 | 32 | 5 U | 5 U | 5 U | 74 | 25 U | 5 U | 5 U | 6.1 | 5 U | 5 U | 5 U | 5 U | 5 U | 310 | 5 U | 2.5 U |
| | 10/20/2005 | | 8 U | 8 U | 97 | 16 U | -- | -- | 10 U | -- | -- | 8 U | 8 U | 8 U | 20 U | 14 | 58 | 20 U | 20 U | 51 | -- | 160 | 41 | 8 U | 8 U | 8 U | 81 | 20 U | 8 U | 8 U | 8 U | 8 U | 8 U | -- | 10 U | -- | 390 | 20 U | 20 U |
| | 10/20/2005 | K | 5 U | 10 U | 91 | 20 U | 10 U | 10 U | 10 U | -- | 10 U | 10 U | 10 U | 10 U | 5 U | 14 | 63 | 10 U | 10 U | 50 | 10 U | 160 | 42 | 10 U | 10 U | 10 U | 81 | 50 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 390 | 10 U | 5 U |
| | 1/26/2006 | | 5 U | 10 U | 34 | 20 U | 10 U | 10 U | 10 U | -- | 10 U | 10 U | 10 U | 10 U | 5 U | 14 | 52 | 10 U | 10 U | 42 | 10 U | 190 | 96 | 10 U | 10 U | 10 U | 82 | 50 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 540 | 10 U | 5 U |
| | 1/26/2006 | K | 5 U | 10 U | 32 | 20 U | 10 U | 10 U | 10 U | -- | 10 U | 10 U | 10 U | 10 U | 5 U | 14 | 55 | 10 U | 10 U | 42 | 10 U | 180 | 110 | 10 U | 10 U | 10 U | 82 | 50 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 520 | 10 U | 5 U |
| | 4/26/2006 | | 5 | 5 U | 17 | 10 U | 5 U | 5 U | 5 U | -- | 5 U | 5 U | 5 U | 5 U | 2.5 U | 17 | 63 | 5 U | 5 U | 44 | 5 U | 190 | 110 | 5 U | 5 U | 5 U | 87 | 25 U | 5 U | 5 U | 7.2 | 5 U | 5 U | 5 U | 5 U | 5 U | 430 | 5 U | 2.5 U |
| | 4/26/2006 | K | 4.6 | 5 U | 17 | 17 U | 5 U | 5 U | 5 U | -- | 5 U | 5 U | 5 U | 5 U | 2.5 U | 17 | 62 | 5 U | 5 U | 43 | 5 U | 190 | 100 | 5 U | 5 U | 5 U | 82 | 25 U | 5 U | 5 U | 6.9 | 5 U | 5 U | 5 U | 5 U | 5 U | 420 | 5 U | 2.5 U |
| | 7/27/2006 | | 5.5 | 10 U | 14 | 10 U | 10 U | 10 U | 10 U | -- | 10 U | 10 U | 10 U | 10 U | 5 U | 25 | 56 | 10 U | 10 U | 49 | 10 U | 240 | 71 | 10 U | 10 U | 10 U | 93 | 50 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 470 | 10 U | 5 L,U |
| | 7/27/2006 | K | 5.2 | 10 U | 14 | 10 U | 10 U | 10 U | 10 U | -- | 10 U | 10 U | 10 U | 10 U | 5 U | 24 | 51 | 10 U | 10 U | 47 | 10 U | 230 | 66 | 10 U | 10 U | 10 U | 86 | 50 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 430 | 10 U | 5 L,U |
| | 10/26/2006 | | 10 | 2 U | 170 P1 | 36.3 | -- | -- | 9.52 U | 33 | -- | 2 U | 2.4 | 2.9 | 5 U | 14 | 61 | 5 U | 5 U | 77 | -- | 120 | 41 | 2 U | 2 U | 2 U | 63 | 5 U | 3.6 | 2 U | 4.7 | 2 U | 2 U | -- | 9.52 U | -- | 250 | 5 U | 5 U |
| | 10/26/2006 | K | 9.4 | 1 U | 280 | 32.3 | 1.4 | 23 | 1 U | -- | 1 U | 1 U | 1 U | 2.5 | 0.5 U | 16 | 61 | 1 U | 1 U | 75 | 1 U | 140 | 56 | 1 U | 1 U | 1 U | 61 | 5 U | 3.8 | 1 U | 4.2 | 1 U | 1 U | 1 U | 1 U | 1 U | 280 | 1 U | 0.5 U |
| | 1/18/2007 | | 13 | 20 U | 1500 | 46 | 20 U | 31 | 20 U | -- | 20 U | 20 U | 20 U | 20 U | 10 U | 20 U | 100 U | 20 U | 20 U | 120 | 20 U | 190 | 49 | 20 U | 20 U | 20 U | 51 | 100 U | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U | 260 | 20 U | 10 U |
| | 1/18/2007 | K | 13 | 20 U | 1500 | 46 | 20 U | 32 | 20 U | -- | 20 U | 20 U | 20 U | 20 U | 10 U | 20 U | 100 U | 20 U | 20 U | 120 | 20 U | 190 | 49 | 20 U | 20 U | 20 U | 38 | 100 U | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U | 260 | 20 U | 10 U |
| | 4/18/2007 | | 12 | 20 U | 1400 | 29 | 20 U | 27 | 20 U | -- | 20 U | 20 U | 20 U | 20 U | 10 U | 20 U | 100 U | 20 U | 20 U | 170 | 20 U | 230 | 48 | 20 U | 20 U | 20 U | 74 | 100 U | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U | 250 | 20 U | 10 U |
| | 4/18/2007 | K | 12 | 20 U | 1400 | 28 | 20 U | 28 | 20 U | -- | 20 U | 20 U | 20 U | 20 U | 10 U | 20 U | 100 U | 20 U | 20 U | 170 | 20 U | 230 | 46 | 20 U | 20 U | 20 U | 72 | 100 U | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U | 240 | 20 U | 10 U |
| | 7/27/2007 | | 20 U | 40 U | 2100 | 2400 | 40 U | 40 U | 40 U | -- | 40 U | 40 U | 40 U | 40 U | 20 U | 40 U | 200 U | 40 U | 40 U | 150 | 40 U | 170 | 29 | 40 U | 40 U | 40 U | 46 | 200 U | 40 U | 40 U | 40 U | 40 U | 40 U | 40 U | 40 U | 40 U | 180 | 40 U | 20 U |
| | 7/27/2007 | K | 20 U | 40 U | 2100 | 2410 | 40 U | 40 U | 40 U | -- | 40 U | 40 U | 40 U | 40 U | 20 U | 40 U | 200 U | 40 U | 40 U | 140 | 40 U | 180 | 27 | 40 U | 40 U | 40 U | 50 | 200 U | 40 U | 40 U | 40 U | 40 U | 40 U | 40 U | 40 U | 40 U | 180 | 40 U | 20 U |
| | 10/25/2007 | | 20 U | 20 U | 3000 | 373 | -- | -- | 9.43 U | -- | -- | 20 U | 20 U | 20 U | 50 U | 20 U | 50 U | 50 U | 50 U | 180 | -- | 140 | 41 | 20 U | 20 U | 20 U | 50 U | 50 U | 20 U | 20 U | 20 U | 20 U | 20 U | -- | 9.43 U | -- | 78 | 50 U | 50 U |
| | 10/25/2007 | K | 20 U | 40 U | 3800 | 340 | 40 U | 52 | 40 U | -- | 40 U | 40 U | 40 U | 40 U | 20 U | 40 U | 200 U | 40 U | 40 U | 200 | 40 U | 160 | 48 | 40 U | 40 U | 40 U | 53 | 200 U | 40 U | 40 U | 40 U | 40 U | 40 U | 40 U | 40 U | 40 U | 83 | 40 U | 20 U |
| | 1/31/2008 | | 3.8 | 5 U | 27 | 5 U | 5 U | 8.6 | 5 U | 63 | 5 U | 5 U | 5 U | 5 U | 2.5 U | 6 | 32 | 5 U | 5 U | 110 | 5 U | 220 | 180 | 5 U | 5 U | 5 U | 71 | 25 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 350 | 5 U | 2.5 U |
| | 1/31/2008 | K | 3.8 | 5 U | 26 | 5 U | 5 U | 7.8 | 5 U | -- | 5 U | 5 U | 5 U | 5 U | 2.5 U | 5.6 | 31 | 5 U | 5 U | 110 | 5 U | 210 | 170 | 5 U | 5 U | 5 U | 68 | 25 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 340 | 5 U | 2.5 U |
| | 4/24/2008 | | 1.8 | 1 U | 4.6 | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 2.7 | 0.5 U | 5 | 13 | 1 U | 1 U | 66 | 1 U | 120 | 170 | 1 U | 1 U | 1 U | 52 | 5 U | 2.3 | 1 U | 3.4 | 1 U | 1 U | 1 U | 1 U | 1 U | 190 | 1 U | 0.5 U |
| | 4/24/2008 | K | 1.7 | 1 U | 4.5 | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 2.6 | 0.5 U | 5 | 13 | 1 U | 1 U | 65 | 1 U | 120 MHA | 160 | 1 U | 1 U | 1 U | 51 | 5 U | 2.4 | 1 U | 3.4 | 1 U | 1 U | 1 U | 1 U | 1 U | 180 MHA | 1 U | 0.5 U |
| | 7/31/2008 | | 2.5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | -- | 5 U | 5 U | 5 U | 5 U | 2.5 U | 5.2 | 28 | 5 U | 5 U | 69 | 5 U | 150 | 190 | 5 U | 5 U | 5 U | 68 | 25 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 310 | 5 U | 2.5 U |
| | 7/31/2008 | K | 2 U | 4 U | 4 U | 4 U | 4 U | 4 U | 4 U | -- | 4 U | 4 U | 4 U | 4 U | 2 U | 5.5 | 29 | 4 U | 4 U | 68 | 4 U | 150 | 180 | 4 U | 4 U | 4 U | 66 | 20 U | 4 U | 4 U | 4 U | 4 U | 4 U | 4 U | 4 U | 4 U | 310 | 4 U | 2 U |
| MW-04A | 1/15/1989 | | 0.5 U | 0.5 U | 0.5 U | -- | -- | -- | -- | -- | -- | -- | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | -- | -- | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | -- | -- | -- | 6.7 | 0.2 U | 0.2 U |
| | 4/15/1989 | | 0.7 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 7 | 1 U | 1 U |

# Table C-2
## Phibro-Tech, Inc.
## Historical Groundwater Analytical Results
## Volatile Organic Compounds (VOCs) Analytical Summary

| | | | Non-chlorinated VOCs | | | | | | | | | | Chlorinated VOCs | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Well Number | Sample Date | Sample Type | Ben (1) | Tol (150) | e-Ben (300) | T-Xyl (1,750) | N-P Ben | ISB | NAP | 1,4-Diox | PIPT | STY (0.1) | BDCM | Chloro benzene (70) | CCl4 (0.5) | CFM (80) | MCL (5) | Chloro-ethane | Chloro-methane | cis-1,2-DCE (6) | 1,2-DBE (0.05) | 1,1-DCA (5) | 1,2-DCA (0.5) | 1,2-DCB (600) | 1,3-DCB | 1,4-DCB (5) | 1,1-DCE (6) | DCFM | trans-1,2-DCE (10) | 1,1,2,2-PCA (1) | PCE (5) | 1,1,1-TCA (200) | 1,1,2-TCA (5) | 1,2,3-TCB | 1,2,4-TCB (5) | 1,2,4-TMB | TCE (5) | TFM (150) | Vinyl chloride (0.5) |
| MW-04A | 7/15/1989 | | 0.7 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 2.7 | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 5 | 1 U | 1 U |
| | 10/15/1989 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 3 | 1 U | 1 U |
| | 1/24/1990 | | 0.5 U | 0.5 U | 0.5 U | 1 U | -- | -- | -- | -- | -- | -- | 0.2 U | 0.5 U | 0.2 U | 0.2 U | 2 U | 0.2 U | 0.2 U | -- | -- | 0.2 U | 0.2 U | 0.5 U | 0.5 U | 0.5 U | 0.2 U | 0.2 U | -- | 0.2 U | 0.2 U | 0.2 U | 0.2 U | -- | -- | -- | 8 | 2 U | 0.2 U |
| | 4/12/1990 | | 0.5 U | 0.5 U | 0.5 U | 1 U | -- | -- | -- | -- | -- | -- | 0.2 U | 0.5 U | 0.2 U | 0.2 U | 2 U | 0.2 U | 0.2 U | -- | -- | 0.2 U | 0.2 U | 0.5 U | 0.5 U | 0.5 U | 0.2 U | 0.2 U | -- | 0.2 U | 0.2 U | 0.2 U | 0.2 U | -- | -- | -- | 2.7 | 2 U | 0.2 U |
| | 7/15/1990 | | 0.5 U | 0.5 U | 0.5 U | 1 U | -- | -- | -- | -- | -- | -- | 0.2 U | 0.5 U | 0.2 U | 0.2 U | 2 U | 0.2 U | 0.2 U | 0.2 U | -- | 1.7 | 0.2 U | 0.5 U | 0.5 U | 0.5 U | 0.42 | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | -- | -- | -- | 6.1 | 2 U | 0.2 U |
| | 10/15/1990 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | 10 U | 500 U | -- | 5 U | 5 U | 5 U | 1 U | 1 U | 1 U | 10 U | 10 U | -- | 10 U | 1 U | 1 U | 10 U | 10 U | 10 U | 1 U | 20 U | 1 U | 5 U | 1 U | 1 U | 5 U | -- | 10 U | -- | 1 U | 5 U | 10 U |
| | 1/15/1991 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | -- | -- | -- | -- | 1 U | 1 U | -- | -- | -- | 1 U | -- | -- | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | -- | -- |
| | 4/15/1991 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 3.6 B | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 1.9 | 1 U | 1 U |
| | 4/15/1991 | K | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 4.1 B | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 1.5 | 1 U | 1 U |
| | 7/15/1991 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 4.3 | 1 U | 1 U | -- | -- | 5 | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 4.2 | 1 U | 1 U |
| | 10/23/1991 | | 0.5 U | 0.5 U | 0.5 U | 1 U | -- | -- | -- | -- | -- | -- | 0.2 U | 0.5 U | 0.2 U | 0.23 | 2 U | 0.2 U | 0.2 U | 0.2 U | -- | 1.3 | 0.2 U | 0.5 U | 0.5 U | 0.5 U | 0.2 U | 1 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | -- | -- | -- | 2.2 | 2 U | 0.2 U |
| | 1/15/1992 | | 1 | 1 | 2 | 2 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 2 | 1 U | 1 U |
| | 4/15/1992 | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | -- | -- | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.7 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.4 | 0.5 U | 0.5 U |
| | 7/15/1992 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1.1 | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 1.5 | 1 U | 1 U |
| | 10/15/1992 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 4.2 | 4.7 | 1 U | 1 U | -- | -- | 49 | 1 U | 1 U | 1 U | 1 U | 12 | -- | 1.4 | 1 U | 1 U | 1.2 | 1 U | -- | -- | -- | 45 | 1 U | 1 U |
| | 1/15/1993 | | 0.5 U | 3 | 3.5 | 8.9 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 | 1 U | 1 U | -- | -- | 1.9 | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 4.1 | 1 U | 1 U |
| | 4/20/1993 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1.7 B | 1 U | 1 U | -- | -- | 1.2 | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 2.7 | 1 U | 1 U |
| | 7/13/1993 | | 0.5 U | 2.7 | 1.8 | 4.8 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 2.9 B | 1 U | 1 U | -- | -- | 13 | 1 U | 1 U | 1 U | 1 U | 3 | -- | 1.2 | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 16 | 1 U | 1 U |
| | 10/13/1993 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 2 B | 1 U | 1 U | -- | -- | 6.5 | 1 U | 1 U | 1 U | 1 U | 1.6 | -- | 1 U | 1 U | 1.1 | 1 U | 1 U | -- | -- | -- | 7.8 | 1 U | 1 U |
| | 1/11/1994 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 9.6 | 1 U | 1 U | 1 U | 1 U | 3.4 | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 12 | 1 U | 1 U |
| | 4/13/1994 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 4.2 | 1 U | 1 U | 1 U | 1 U | 1.5 | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 9.2 | 1 U | 1 U |
| | 7/19/1994 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 6.8 | 1 U | 1 U | 1 U | 1 U | 2.4 | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 11 | 1 U | 1 U |
| | 10/12/1994 | | 0.5 U | 1 U | 1 U | 2.1 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 2.2 B | 1 U | 1 U | -- | -- | 7.5 | 1 U | 1 U | 1 U | 1 U | 2.7 | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 13 | 1 U | 1 U |
| | 1/18/1995 | | 0.5 U | 1.5 | 2.7 | 2.9 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1.7 | 2.4 B | 1 U | 1 U | -- | -- | 35 | 1 U | 1 U | 1 U | 1 U | 11 | -- | 1 U | 1 U | 1.9 | 1 U | 1 U | -- | -- | -- | 30 | 1 U | 1 U |
| | 4/18/1995 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 3.5 B | 1 U | 1 U | -- | -- | 13 | 1 U | 1 U | 1 U | 1 U | 2.5 | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 10 | 1 U | 1 U |
| | 7/12/1995 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1.3 | 1.3 B | 1 U | 1 U | -- | -- | 20 | 1 U | 1 U | 1 U | 1 U | 5 | -- | 1 U | 1 U | 1.6 | 1 U | 1 U | -- | -- | -- | 19 | 1 U | 1 U |
| | 10/10/1995 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1.6 | 1.4 | 1 U | 1 U | -- | -- | 28 | 1 U | 1 U | 1 U | 1 U | 5.9 | -- | 1 U | 1 U | 1.4 | 1 U | 1 U | -- | -- | -- | 21 | 1 U | 1 U |
| | 1/31/1996 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1.5 | 1.4 | 1 U | 1 U | -- | -- | 25 | 1 U | 1 U | 1 U | 1 U | 5.6 | -- | 1 U | 1 U | 1.3 | 1 U | 1 U | -- | -- | -- | 19 | 1 U | 1 U |
| | 4/16/1996 | | 0.5 U | 1 U | 2.9 | 3.8 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1.2 | 1 U | 1 U | 1 U | -- | -- | 19 | 1 U | 1 U | 1 U | 1 U | 4.7 | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 15 | 1 U | 1 U |
| | 7/16/1996 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1.1 | 1.2 | 1 U | 1 U | -- | -- | 24 | 1 U | 1 U | 1 U | 1 U | 3.7 | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 16 | 1 U | 1 U |
| | 10/9/1996 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1.7 | 1 U | 1 U | 1 U | -- | -- | 26 | 1 U | 1 U | 1 U | 1 U | 3.9 | -- | 1 U | 1 U | 1.2 | 1 U | 1 U | -- | -- | -- | 19 | 1 U | 1 U |
| | 1/14/1997 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1.1 | 1 U | 1 U | 1 U | -- | -- | 23 | 1 U | 1 U | 1 U | 1 U | 5.1 | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 20 | 1 U | 1 U |
| | 4/16/1997 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 17 | 1 U | 1 U | 1 U | 1 U | 3.3 | -- | 1 U | 1 U | 1.1 | 1 U | 1 U | -- | -- | -- | 14 | 1 U | 1 U |
| | 7/9/1997 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 9.8 | 1.2 | 1 U | 1 U | 1 U | 2.4 | -- | 1 U | 1 U | 2.7 | 1 U | 1 U | -- | -- | -- | 11 | 1 U | 1 U |
| | 10/16/1997 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 19 | 1 U | 1 U | 1 U | 1 U | 3.6 | -- | 1 U | 1 U | 1.6 | 1 U | 1 U | -- | -- | -- | 13 | 1 U | 1 U |
| | 1/14/1998 | | 0.5 U | 1 U | 1.8 | 1.9 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 11 | 1 U | 1 U | 1 U | 1 U | 2.9 | -- | 1 U | 1 U | 1.8 | 1 U | 1 U | -- | -- | -- | 14 | 1 U | 1 U |
| | 4/22/1998 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 9.1 | 1 U | 1 U | 1 U | 1 U | 2.3 | -- | 1 U | 1 U | 1.2 | 1 U | 1 U | -- | -- | -- | 11 | 1 U | 1 U |
| | 7/15/1998 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 5.8 | 1 U | 1 U | 1 U | 1 U | 1.8 | -- | 1 U | 1 U | 1.2 | 1 U | 1 U | -- | -- | -- | 9.2 | 1 U | 1 U |
| | 10/20/1998 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 9.3 | 1 U | 1 U | 1 U | 1 U | 1.8 | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 8.8 | 1 U | 1 U |

**Table C-2**
**Phibro-Tech, Inc.**
**Historical Groundwater Analytical Results**
**Volatile Organic Compounds (VOCs) Analytical Summary**

| | | | Non-chlorinated VOCs | | | | | | | | | | Chlorinated VOCs | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Well Number | Sample Date | Sample Type | Ben (1) | Tol (150) | e-Ben (300) | T-Xyl (1,750) | N-P Ben | ISB | NAP | 1,4-Diox | PIPT | STY (0.1) | BDCM | Chloro benzene (70) | CCl4 (0.5) | CFM (80) | MCL (5) | Chloro-ethane | Chloro-methane | cis-1,2-DCE (6) | 1,2-DBE (0.05) | 1,1-DCA (5) | 1,2-DCA (0.5) | 1,2-DCB (600) | 1,3-DCB | 1,4-DCB (5) | 1,1-DCE (6) | DCFM | trans-1,2-DCE (10) | 1,1,2,2-PCA (1) | PCE (5) | 1,1,1-TCA (200) | 1,1,2-TCA (5) | 1,2,3-TCB | 1,2,4-TCB (5) | 1,2,4-TMB | TCE (5) | TFM (150) | Vinyl chloride (0.5) |
| MW-04A | 1/15/1999 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 7.3 | 1 U | 1 U | 1 U | 1 U | 1.5 | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 10 | 1 U | 1 U |
| | 4/15/1999 | | 1 U | 1 U | 2.9 | 1.7 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 1 U | -- | 2.7 | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1.5 | 1 U | 1 U | -- | -- | -- | 7 | 2 U | 2 U |
| | 7/15/1999 | | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 1 U | -- | 2 | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 6.3 | 1 U | 1 U | -- | -- | -- | 5.2 | 2 U | 2 U |
| | 10/15/1999 | | 1 U | 1 U | 1 U | 2 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 1 U | -- | 1.4 | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 2 | 1 U | 1 U | -- | -- | -- | 4.5 | 2 U | 2 U |
| | 1/27/2000 | | 1 U | 1 U | 1 U | 2 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1.8 | 1 U | 1 U | -- | -- | -- | 4.2 | 2 U | 2 U |
| | 4/15/2000 | | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 1 U | -- | 8 | 1 U | 1 U | 1 U | 1 U | 1.7 | -- | 1 U | 1 U | 2.5 | 1 U | 1 U | -- | -- | -- | 8.6 | 2 U | 2 U |
| | 10/15/2000 | | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 1 U | -- | 6.8 | 1 U | 1 U | 1 U | 1 U | 1.7 | -- | 1 U | 1 U | 1.6 | 1 U | 1 U | -- | -- | -- | 7.4 | 2 U | 2 U |
| | 4/15/2001 | | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 1.6 | -- | 20 | 1 U | 1 U | 1 U | 1 U | 4.5 | -- | 1 U | 1 U | 1.8 | 1 U | 1 U | -- | -- | -- | 19 | 2 U | 2 U |
| | 7/18/2001 | | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 2.4 | 1 U | 2 U | 2 U | 4.4 | -- | 56 | 1 U | 1 U | 1 U | 1 U | 13 | -- | 1.1 | 1 U | 2.7 | 1 U | 1 U | -- | -- | -- | 44 | 2 U | 2 U |
| | 10/17/2001 | | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 0.95 U | -- | -- | 1 U | 1 U | 1 U | 1.1 | 1 U | 2 U | 2 U | 1.7 | -- | 25 | 1 U | 1 U | 1 U | 1 U | 6.2 | -- | 1 U | 1 U | 2 | 1 U | 1 U | -- | -- | -- | 22 | 2 U | 2 U |
| | 1/16/2002 | | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1.7 | 1 U | 1 U | -- | -- | -- | 3.5 | 2 U | 2 U |
| | 4/17/2002 | | 2 U | 2 U | 2 U | 4 U | -- | -- | -- | -- | -- | -- | 2 U | 2 U | 2 U | 4.4 | 2 U | 4 U | 4 U | 7.3 | -- | 93 | 2 U | 2 U | 2 U | 2 U | 18 | -- | 2 U | 2 U | 3.6 | 2 U | 2 U | -- | -- | -- | 71 | 4 U | 4 U |
| | 7/25/2002 | | 1 U | 1 U | 1 U | 2 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 1 U | -- | 6.1 | 1 U | 1 U | 1 U | 1 U | 1.8 | -- | 1 U | 1 U | 1.3 | 1 U | 1 U | -- | -- | -- | 7.1 | 2 U | 2 U |
| | 10/23/2002 | | 1 U | 1 U | 1 U | 2 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1.3 | 1 U | 2 U | 2 U | 1.9 | -- | 33 | 1 U | 1 U | 1 U | 1 U | 11 | -- | 1 U | 1 U | 2.6 | 1 U | 1 U | -- | -- | -- | 36 | 2 U | 2 U |
| | 1/9/2003 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1.8 | 5 U | 1 U | 1 U | 2.8 | 1 U | 40 | 0.5 U | 1 U | 1 U | 1 U | 11 | 5 U | 1 U | 1 U | 2.6 | 1 U | 1 U | 1 U | 1 U | 1 U | 42 | 1 U | 0.5 U |
| | 4/24/2003 | | 1.7 | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 7 | 5 U | 1 U | 1 U | 13 | 1 U | 150 | 0.5 U | 1 U | 1 U | 1 U | 37 | 5 U | 2.2 | 1 U | 5.3 | 2.9 | 1 U | 1 U | 1 U | 1 U | 110 | 1 U | 0.5 U |
| | 7/30/2003 | | 2.2 | 4 U | 4 U | 8 U | 4 U | 4 U | 4 U | -- | 4 U | 4 U | 4 U | 4 U | 2 U | 9.2 | 20 U | 4 U | 4 U | 16 | 4 U | 230 | 2 U | 4 U | 4 U | 4 U | 47 | 20 U | 4 U | 4 U | 6.8 | 4 | 4 U | 4 U | 4 U | 4 U | 150 | 4 U | 2 U |
| | 10/21/2003 | | 17 | 4 U | 4 U | 8 U | 4 U | 4 U | 4 U | -- | 4 U | 4 U | 4 U | 4 U | 2 U | 8.9 | 20 U | 4 U | 5.3 | 13 | 4 U | 210 | 2 U | 4 U | 4 U | 4 U | 26 | 20 U | 4 U | 4 U | 5.3 | 4 U | 4 U | 4 U | 4 U | 4 U | 130 | 4 U | 2 U |
| | 1/22/2004 | | 3.3 | 2 U | 2 U | 4 U | 2 U | 2 U | 2 U | -- | 2 U | 2 U | 2 U | 2 U | 1 U | 4 | 10 U | 2 U | 2 U | 7.7 | 2 U | 99 | 1 U | 2 U | 2 U | 2 U | 17 | 10 U | 2 U | 2 U | 2.9 | 2 U | 2 U | 2 U | 2 U | 2 U | 63 | 2 U | 1 U |
| | 4/21/2004 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1.3 | 1 U | 16 | 0.5 U | 1 U | 1 U | 1 U | 2 | 5 U | 1 U | 1 U | 1.8 | 1 U | 1 U | 1 U | 1 U | 1 U | 20 | 1 U | 0.5 U |
| | 7/21/2004 | | 5.2 | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 8.4 | 5 U | 1 U | 1 U | 15 | 1 U | 180 | 0.5 U | 1 U | 1 U | 1 U | 34 | 5 U | 3.1 | 1 U | 6 | 3.4 | 1 U | 1 U | 1 U | 1 U | 130 | 1 U | 0.5 U |
| | 10/12/2004 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1.1 | 1 U | 7.4 | 0.5 U | 1 U | 1 U | 1 U | 4.4 | 5 U | 1 U | 1 U | 18 | 1 U | 1 U | 1 U | 1 U | 1 U | 58 | 7.3 | 0.5 U |
| | 1/27/2005 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 2.1 | 1 U | 5.2 | 0.5 U | 1 U | 1 U | 1 U | 6.2 | 5 U | 1 U | 1 U | 31 | 1 U | 1 U | 1 U | 1 U | 1 U | 95 | 15 | 0.5 U |
| | 4/27/2005 | | 0.59 | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 4.2 | 5 U | 1 U | 1 U | 7.5 | 1 U | 87 | 0.5 U | 1 U | 1 U | 1 U | 20 | 5 U | 1.5 | 1 U | 22 | 1 U | 1 U | 1 U | 1 U | 1 U | 120 | 8.3 | 0.5 U |
| | 7/27/2005 | | 0.56 | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 5.7 | 5 U | 1 U | 1 U | 9.5 | 1 U | 130 | 0.5 U | 1 U | 1 U | 1 U | 25 | 5 U | 1.4 | 1 U | 13 | 1 U | 1 U | 1 U | 1 U | 1 U | 130 | 2.6 | 0.5 U |
| | 10/20/2005 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 7.2 | 5 U | 1 U | 1 U | 10 | 1 U | 160 | 0.5 U | 1 U | 1 U | 1 U | 26 | 5 U | 1.1 | 1 U | 9.6 | 2.4 | 1 U | 1 U | 1 U | 1 U | 130 | 1.4 | 0.5 U |
| | 1/26/2006 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1.7 | 5 U | 1 U | 1 U | 2.8 | 1 U | 38 | 0.5 U | 1 U | 1 U | 1 U | 7.4 | 5 U | 1 U | 1 U | 1.6 | 1 U | 1 U | 1 U | 1 U | 1 U | 35 | 1 U | 0.5 U |
| | 4/26/2006 | | 1.1 | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 7.3 | 5 U | 1 U | 1 U | 13 | 1 U | 160 | 0.5 U | 1 U | 1 U | 1 U | 33 | 5 U | 3.4 | 1 U | 3.3 | 2.4 | 1 U | 1 U | 1 U | 1 U | 87 | 1.6 | 0.5 U |
| | 7/27/2006 | | 2.5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | -- | 5 U | 5 U | 5 U | 5 U | 2.5 U | 13 | 25 U | 5 U | 5 U | 17 | 5 U | 310 | 2.5 U | 5 U | 5 U | 5 U | 42 | 25 U | 5 U | 5 U | 10 | 5 U | 5 U | 5 U | 5 U | 5 U | 220 | 5 U | 2.5 U |
| | 10/26/2006 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 9.3 | 5 U | 1 U | 1 U | 14 | 1 U | 210 | 0.5 U | 1 U | 1 U | 1 U | 30 | 5 U | 2.5 | 1 U | 5.8 | 2.2 | 1 U | 1 U | 1 U | 1 U | 150 | 1 U | 0.5 U |
| | 1/18/2007 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 6.2 | 5 U | 1 U | 1 U | 9.1 | 1 U | 130 | 0.5 U | 1 U | 1 U | 1 U | 12 | 5 U | 1.5 | 1 U | 3.4 | 1.2 | 1 U | 1 U | 1 U | 1 U | 83 | 1 U | 0.5 U |
| | 4/18/2007 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 6.2 | 5 U | 1 U | 1 U | 7.3 | 1 U | 140 | 0.5 U | 1 U | 1 U | 1 U | 14 | 5 U | 1.4 | 1 U | 1 U | 1.2 | 1 U | 1 U | 1 U | 1 U | 60 | 1 U | 0.5 U |
| | 7/27/2007 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 6.1 | 5 U | 1 U | 1 U | 7.7 | 1 U | 150 | 0.5 U | 1 U | 1 U | 1 U | 17 | 5 U | 1.2 | 1 U | 1.1 | 1.4 | 1 U | 1 U | 1 U | 1 U | 78 | 1 U | 0.5 U |
| | 10/25/2007 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1.5 | 5 U | 1 U | 1 U | 1.6 | 1 U | 32 | 0.5 U | 1 U | 1 U | 1 U | 3.6 | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 25 | 1 U | 0.5 U |
| | 1/31/2008 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 2.1 | 5 U | 1 U | 1 U | 2 | 1 U | 40 | 0.5 U | 1 U | 1 U | 1 U | 4 | 5 U | 1 U | 1 U | 1.3 | 1 U | 1 U | 1 U | 1 U | 1 U | 40 | 1 U | 0.5 U |
| | 4/24/2008 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 M2,U | 1 U | 1 U | 0.5 U | 4.3 | 5 U | 1 U | 1 U | 4.2 | 1 U | 100 | 0.5 U | 1 U | 1 U | 1 U | 9.4 | 5 U | 1 U | 1 U | 1.4 | 1 U | 1 U | 1 U | 1 U | 1 M2,U | 57 | 1 U | 0.5 U |
| | 7/31/2008 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 5.5 | 5 U | 1 U | 1 U | 4 | 1 U | 110 MHA | 0.5 U | 1 U | 1 U | 1 U | 9.7 | 5 U | 1 U | 1 U | 1.9 | 1 U | 1 U | 1 U | 1 U | 1 U | 68 M1 | 1 U | 0.5 U |
| MW-05 | 1/15/1989 | | 0.9 | 0.5 U | 0.5 U | -- | -- | -- | -- | -- | -- | -- | 0.2 U | 0.2 U | 5.6 | 7.4 | 2.1 | 0.2 U | 0.2 U | -- | -- | 0.2 U | 29 | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | -- | -- | -- | 5.9 | 0.2 U | 0.2 U |
| | 4/15/1989 | | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 140 | 73 | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 35 | 1 U | 1 U |

# Table C-2
## Phibro-Tech, Inc.
## Historical Groundwater Analytical Results
## Volatile Organic Compounds (VOCs) Analytical Summary

| | | | Non-chlorinated VOCs | | | | | | | | | | Chlorinated VOCs | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Well Number | Sample Date | Sample Type | Ben (1) | Tol (150) | e-Ben (300) | T-Xyl (1,750) | N-P Ben | ISB | NAP | 1,4-Diox | PIPT | STY (0.1) | BDCM | Chloro benzene (70) | CCl4 (0.5) | CFM (80) | MCL (5) | Chloro-ethane | Chloro-methane | cis-1,2-DCE (6) | 1,2-DBE (0.05) | 1,1-DCA (5) | 1,2-DCA (0.5) | 1,2-DCB (600) | 1,3-DCB | 1,4-DCB (5) | 1,1-DCE (6) | DCFM | trans-1,2-DCE (10) | 1,1,2,2-PCA (1) | PCE (5) | 1,1,1-TCA (200) | 1,1,2-TCA (5) | 1,2,3-TCB | 1,2,4-TCB (5) | 1,2,4-TMB | TCE (5) | TFM (150) | Vinyl chloride (0.5) |
| MW-05 | 7/15/1989 | | 0.7 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 97 | 57 | 1 U | 1 U | 1 U | -- | -- | 4 | 1 U | 1 U | 1 U | 1 U | 2 | -- | 1 U | 1 U | 2 | 1 U | 1 U | -- | -- | -- | 46 | 1 U | 1 U |
| | 7/15/1989 | K | 7 U | 10 U | 10 U | 10 U | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 160 | 70 | 20 | 10 U | 10 U | -- | -- | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 50 | 10 U | 10 U |
| | 10/15/1989 | | 0.6 | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 39 | 31 | 1 U | 1 U | 1 U | -- | -- | 10 | 10 | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 15 | 1 U | 1 U |
| | 1/25/1990 | | 1 U | 1 U | 1 U | 2 U | -- | -- | -- | -- | -- | -- | 0.4 U | 1 U | 52 | 42 | 4 U | 0.4 U | 0.4 U | -- | -- | 0.42 | 2.2 | 1 U | 1 U | 1 U | 0.4 U | 0.4 U | -- | 0.4 U | 0.4 U | 0.41 | 0.4 U | -- | -- | -- | 16 | 4 U | 0.4 U |
| | 4/10/1990 | | 2.5 U | 2.5 U | 2.5 U | 5 U | -- | -- | -- | -- | -- | -- | 1 U | 2.5 U | 120 | 76 | 10 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 2.5 U | 2.5 U | 2.5 U | 4.7 | 1 U | -- | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 24 | 10 U | 1 U |
| | 7/15/1990 | | 2.5 U | 2.5 U | 2.5 U | 5 U | -- | -- | -- | -- | -- | -- | 1 U | 2.5 U | 120 | 41 | 10 U | 1 U | 1 U | 1 U | -- | 3.2 | 1 U | 2.5 U | 2.5 U | 2.5 U | 2.1 | 1 U | 1 U | 1 U | 1.4 | 1.9 | 1 U | -- | -- | -- | 51 | 10 U | 1 U |
| | 10/15/1990 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 70 | 33 | 10 U | 10 U | 10 U | -- | -- | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 14 | 10 U | 10 U |
| | 1/15/1991 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | -- | -- | 140 | 49 | 1 U | -- | -- | -- | -- | 1 U | 1 U | -- | -- | -- | 1 U | -- | -- | -- | 1 U | 1 U | -- | -- | -- | -- | 22 | -- | -- |
| MW-06B | 1/15/1989 | | 0.5 U | 0.5 U | 0.5 U | -- | -- | -- | -- | -- | -- | -- | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | -- | -- | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 7 | 0.2 U | 0.2 U | -- | -- | -- | 57 | 0.2 U | 0.2 U |
| | 4/15/1989 | | 0.7 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 | 1 U | 1 U | 1 U | 3 | 1 U | 1 U | -- | -- | -- | 37 | 1 U | 1 U |
| | 7/15/1989 | | 0.7 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 6 | 1 U | 1 U | -- | -- | -- | 29 | 1 U | 1 U |
| | 10/15/1989 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 29 | 1 U | 1 U |
| | 1/24/1990 | | 2.5 U | 2.5 U | 2.5 U | 5 U | -- | -- | -- | -- | -- | -- | 1 U | 2.5 U | 1 U | 1 U | 10 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 2.5 U | 2.5 U | 2.5 U | 1 U | 1 U | -- | 1 U | 6.4 | 1 U | 1 U | -- | -- | -- | 46 | 10 U | 1 U |
| | 4/12/1990 | | 2.5 U | 2.5 U | 2.5 U | 5 U | -- | -- | -- | -- | -- | -- | 1 U | 2.5 U | 1 U | 1 U | 10 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 2.5 U | 2.5 U | 2.5 U | 1 U | 1 U | -- | 1 U | 5 | 1 U | 1 U | -- | -- | -- | 61 | 10 U | 1 U |
| | 7/15/1990 | | 2.5 U | 2.5 U | 2.5 U | 5 U | -- | -- | -- | -- | -- | -- | 1 U | 2.5 U | 1 U | 1 U | 10 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 2.5 U | 2.5 U | 2.5 U | 1.5 | 1 U | 1 U | 1 U | 7.9 | 1 U | 1 U | -- | -- | -- | 51 | 10 U | 1 U |
| | 10/15/1990 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | 10 U | 500 U | -- | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 10 U | 10 U | -- | 10 U | 5 U | 5 U | 10 U | 10 U | 10 U | 5 U | 20 U | 5 U | 5 U | 10 | 5 U | 5 U | -- | 10 U | -- | 52 | 5 U | 10 U |
| | 1/15/1991 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | -- | -- | -- | -- | 1 U | 1 U | -- | -- | -- | 1 U | -- | -- | 1 U | 13 | -- | -- | -- | -- | -- | 59 | -- | -- |
| | 4/15/1992 | | 0.5 U | 0.5 U | 1.1 | 0.82 | 0.5 U | 0.5 U | 0.5 U | -- | -- | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.2 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 19 | 0.5 U | 0.5 U |
| | 7/15/1992 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1.4 | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 10 | 1 U | 1 U |
| | 10/15/1992 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1.4 | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 9.3 | 1 U | 1 U |
| | 1/15/1993 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 6.9 | 1 U | 1 U |
| | 4/21/1993 | | 0.5 U | 64 | 26 | 88 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1.4 B | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 2.6 | 1 U | 1 U |
| | 7/13/1993 | | 0.5 U | 2.2 | 2 | 5.5 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1.1 B | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 2.7 | 1 U | 1 U |
| | 10/13/1993 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1.5 B | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 5.9 | 1 U | 1 U |
| | 1/11/1994 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1.2 | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 2.7 | 1 U | 1 U |
| | 4/12/1994 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 2 | 1 U | 1 U |
| | 7/19/1994 | | 0.5 U | 1.1 | 1 U | 1.9 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 2.9 | 1 U | 1 U |
| | 10/12/1994 | | 0.5 U | 1.5 | 1 U | 8.2 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 1.5 | 1 U | 1 U |
| | 1/17/1995 | | 1 U | 110 | 89 | 110 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 4.7 | 1 U | 1 U | -- | -- | -- | 8.6 | 1 U | 1 U |
| | 4/18/1995 | | 0.5 U | 1.6 | 9.1 | 6.2 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 3.2 B | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 3.3 | 1 U | 1 U | -- | -- | -- | 2.3 | 1 U | 1 U |
| | 7/11/1995 | | 0.5 U | 1.1 | 4 | 5.1 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1.8 | 1 U | 1 U | -- | -- | -- | 8.8 | 1 U | 1 U |
| | 10/10/1995 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 2.6 | 1 U | 1 U |
| | 1/30/1996 | | 1 U | 28 | 27 | 53 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1.6 | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 14 | 1 U | 1 U |
| | 4/16/1996 | | 1 U | 4.2 | 37 | 50 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 2.9 | 1 U | 1 U |
| | 7/16/1996 | | 0.5 U | 1 U | 2.3 | 3.5 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 2.3 | 1 U | 1 U |
| | 10/8/1996 | | 0.5 U | 1 U | 2.1 | 2.8 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 6.1 | 1 U | 1 U |
| | 1/14/1997 | | 0.5 U | 4.3 | 4.3 | 6.4 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 5 | 1 U | 1 U |
| | 4/16/1997 | | 0.5 U | 3.6 | 1.7 | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 2.3 | 1 U | 1 U | -- | -- | -- | 5.2 | 1 U | 1 U |
| | 7/9/1997 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 2.9 | 1 U | 1 U | -- | -- | -- | 6.6 | 1 U | 1 U |

# Table C-2
## Phibro-Tech, Inc.
## Historical Groundwater Analytical Results
## Volatile Organic Compounds (VOCs) Analytical Summary

| Well Number | Sample Date | Sample Type | Non-chlorinated VOCs | | | | | | | | | | Chlorinated VOCs | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Ben (1) | Tol (150) | e-Ben (300) | T-Xyl (1,750) | N-P Ben | ISB | NAP | 1,4-Diox | PIPT | STY (0.1) | BDCM | Chloro benzene (70) | CCl4 (0.5) | CFM (80) | MCL (5) | Chloro-ethane | Chloro-methane | cis-1,2-DCE (6) | 1,2-DBE (0.05) | 1,1-DCA (5) | 1,2-DCA (0.5) | 1,2-DCB (600) | 1,3-DCB | 1,4-DCB (5) | 1,1-DCE (6) | DCFM | trans-1,2-DCE (10) | 1,1,2,2-PCA (1) | PCE (5) | 1,1,1-TCA (200) | 1,1,2-TCA (5) | 1,2,3-TCB | 1,2,4-TCB (5) | 1,2,4-TMB | TCE (5) | TFM (150) | Vinyl chloride (0.5) |
| MW-06B | 10/15/1997 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1.6 | 1 U | 1 U | -- | -- | -- | 6.4 | 1 U | 1 U |
| | 1/14/1998 | | 0.5 U | 15 | 32 | 39 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1.7 | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1.1 | 1 U | 1 U | -- | -- | -- | 17 | 1 U | 1 U |
| | 4/22/1998 | | 0.5 U | 1.6 | 4.2 | 6 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 7.7 | 1 U | 1 U |
| | 7/15/1998 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 4.3 | 1 U | 1 U |
| | 10/20/1998 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1.1 | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 9.9 | 1 U | 1 U |
| | 1/15/1999 | | 0.5 U | 5 | 24 | 29 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1.3 | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1.2 | 1 U | 1 U | -- | -- | -- | 17 | 1 U | 1 U |
| | 4/15/1999 | | 1 U | 19 | 42 | 33.9 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 1 U | -- | 2.3 | 1 U | 1 U | 1 U | 1 U | 1.5 | -- | 1 U | 1 U | 1.6 | 1 U | 1 U | -- | -- | -- | 31 | 2 U | 2 U |
| | 7/15/1999 | | 1 U | 1 U | 1.2 | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 8.1 | 1 U | 1 U | -- | -- | -- | 8.2 | 2 U | 2 U |
| | 10/15/1999 | | 1 U | 1 U | 4.8 | 2 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 1 U | -- | 1.5 | 1 U | 1 U | 1 U | 1 U | 1.6 | -- | 1 U | 1 U | 1.8 | 1 U | 1 U | -- | -- | -- | 12 | 2 U | 2 U |
| | 1/25/2000 | | 1 U | 1 U | 2 | 2 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 1 U | -- | 2 | 1 U | 1 U | 1 U | 1 U | 2.4 | -- | 1 U | 1 U | 17 | 1 U | 1 U | -- | -- | -- | 13 | 2 U | 2 U |
| | 4/15/2000 | | 1 U | 1 U | 1.1 | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1.1 | -- | 1 U | 1 U | 1 | 1 U | 1 U | -- | -- | -- | 7 | 2 U | 2 U |
| | 10/15/2000 | | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1.3 | 1 U | 1 U | -- | -- | -- | 9.2 | 2 U | 2 U |
| | 4/15/2001 | | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 5.9 | 2 U | 2 U |
| | 7/18/2001 | | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 3.7 | 2 U | 2 U |
| | 10/17/2001 | | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 4.6 | 2 U | 2 U |
| | 1/16/2002 | | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 5.1 | 2 U | 2 U |
| | 4/17/2002 | | 1 U | 1 U | 1 U | 2 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 3.1 | 2 U | 2 U |
| | 7/25/2002 | | 1 U | 1 U | 1 U | 2 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 5 | 2 U | 2 U |
| | 10/23/2002 | | 1 U | 1 U | 1 U | 2 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 3.4 | -- | 11 | 1.8 | 1 U | 1 U | 1 U | 1.1 | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 12 | 2 U | 2 U |
| | 1/9/2003 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1.5 | 0.5 U | 1 U | 1 U | 1 U | 2 | 5 U | 1 U | 1 U | 5.9 | 1 U | 1 U | 1 U | 1 U | 1 U | 22 | 1 U | 0.5 U |
| | 4/24/2003 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 1.6 | 1 U | 1 U | 1 U | 1 U | 1 U | 15 | 1 U | 0.5 U |
| | 7/30/2003 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 1.2 | 1 U | 1 U | 1 U | 1 U | 1 U | 13 | 1 U | 0.5 U |
| | 10/22/2003 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 4.4 | 1 U | 1 U | 1 U | 1 U | 1 U | 18 | 1 U | 0.5 U |
| | 1/22/2004 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 5.9 | 0.5 U | 1 U | 1 U | 1 U | 7.6 | 5 U | 1 U | 1 U | 3.5 | 1 U | 1 U | 1 U | 1 U | 1 U | 18 | 1 U | 0.5 U |
| | 4/20/2004 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1.8 | 0.5 U | 1 U | 1 U | 1 U | 2.1 | 5 U | 1 U | 1 U | 21 | 1 U | 1 U | 1 U | 1 U | 1 U | 15 | 1 U | 0.5 U |
| | 7/21/2004 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 11 | 0.65 | 1 U | 1 U | 1 U | 13 | 5 U | 1 U | 1 U | 75 | 1 U | 1 U | 1 U | 1 U | 1 U | 28 | 1.5 | 0.5 U |
| | 10/12/2004 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 4.5 | 1.7 | 1 U | 1 U | 1 U | 6.2 | 5 U | 1 U | 1 U | 150 | 1 U | 1 U | 1 U | 1 U | 1 U | 53 | 4.7 | 0.5 U |
| | 1/26/2005 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1.3 | 1 U | 8.5 | 4.6 | 1 U | 1 U | 1 U | 8 | 5 U | 1 U | 1 U | 93 | 1 U | 1 U | 1 U | 1 U | 1 U | 38 | 2.7 | 0.5 U |
| | 4/27/2005 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 3.6 | 1 U | 1.2 | 0.5 U | 1 U | 1 U | 1 U | 4.6 | 5 U | 1 U | 1 U | 56 | 1 U | 1 U | 1 U | 1 U | 1 U | 23 | 1 | 0.5 U |
| | 7/27/2005 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1.8 | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 2 | 5 U | 1 U | 1 U | 29 | 1 U | 1 U | 1 U | 1 U | 1 U | 14 | 1 U | 0.5 U |
| | 10/19/2005 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1.1 | 1 U | 1.3 | 0.5 U | 1 U | 1 U | 1 U | 1.9 | 5 U | 1 U | 1 U | 10 | 1 U | 1 U | 1 U | 1 U | 1 U | 11 | 1 U | 0.5 U |
| | 1/26/2006 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 7.7 | 1 U | 1 U | 1 U | 1 U | 1 U | 13 | 1 U | 0.5 U |
| | 4/26/2006 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 8 | 1 U | 1 U | 1 U | 1 U | 1 U | 14 | 1.5 | 0.5 U |
| | 7/26/2006 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 L,U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1.1 | 0.5 U | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 4.8 | 1 U | 1 U | 1 U | 1 U | 1 U | 13 | 1 U | 0.5 U |
| | 10/25/2006 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 4.6 | 1 U | 1 U | 1 U | 1 U | 1 U | 13 | 1 U | 0.5 U |
| | 1/18/2007 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 3.9 | 1 U | 1 U | 1 U | 1 U | 1 U | 9.7 | 1 U | 0.5 U |
| | 4/17/2007 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 3.2 | 1 U | 1 U | 1 U | 1 U | 1 U | 11 | 1 U | 0.5 U |
| | 7/26/2007 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 2.2 | 1 U | 1 U | 1 U | 1 U | 1 U | 7.3 | 1 U | 0.5 U |
| | 10/25/2007 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 3.5 | 1 U | 1 U | 1 U | 1 U | 1 U | 9.8 | 1 U | 0.5 U |

# Table C-2
## Phibro-Tech, Inc.
## Historical Groundwater Analytical Results
## Volatile Organic Compounds (VOCs) Analytical Summary

| Well Number | Sample Date | Sample Type | Non-chlorinated VOCs | | | | | | | | | | Chlorinated VOCs | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Ben (1) | Tol (150) | e-Ben (300) | T-Xyl (1,750) | N-P Ben | ISB | NAP | 1,4-Diox | PIPT | STY (0.1) | BDCM | Chloro-benzene (70) | CCl4 (0.5) | CFM (80) | MCL (5) | Chloro-ethane | Chloro-methane | cis-1,2-DCE (6) | 1,2-DBE (0.05) | 1,1-DCA (5) | 1,2-DCA (0.5) | 1,2-DCB (600) | 1,3-DCB | 1,4-DCB (5) | 1,1-DCE (6) | DCFM | trans-1,2-DCE (10) | 1,1,2,2-PCA (1) | PCE (5) | 1,1,1-TCA (200) | 1,1,2-TCA (5) | 1,2,3-TCB | 1,2,4-TCB (5) | 1,2,4-TMB | TCE (5) | TFM (150) | Vinyl chloride (0.5) |
| MW-06B | 1/29/2008 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1.2 | 0.5 U | 1 U | 1 U | 1 U | 1.4 | 5 U | 1 U | 1 U | 10 | 1 U | 1 U | 1 U | 1 U | 1 U | 16 | 1 U | 0.5 U |
| | 4/24/2008 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 L,U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 10 | 1 U | 1 U | 1 U | 1 U | 1 U | 14 | 1 U | 0.5 U |
| | 7/31/2008 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1.3 | 0.5 U | 1 U | 1 U | 1 U | 1.3 | 5 U | 1 U | 1 U | 11 | 1 U | 1 U | 1 U | 1 U | 1 U | 11 | 1 U | 0.5 U |
| MW-06D | 10/15/1990 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | 10 U | 500 U | -- | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 10 U | 10 U | -- | 10 U | 5 U | 5 U | 10 U | 10 U | 10 U | 5 U | 20 U | 5 U | 5 U | 14 | 5 U | 5 U | -- | 10 U | -- | 100 | 5 U | 10 U |
| | 1/15/1991 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | -- | -- | -- | -- | 1 U | 1 U | -- | -- | -- | 1 U | -- | -- | 1 U | 20 | -- | -- | -- | -- | -- | 78 | -- | -- |
| | 4/15/1992 | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | -- | -- | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 4.4 | 0.5 U | 0.5 U |
| | 7/15/1992 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1.4 | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 1.9 | 1 U | 1 U |
| | 10/15/1992 | | 0.5 U | 12 | 2.9 | 13 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1.4 | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 5.1 | 1 U | 1 U |
| | 1/15/1993 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 1.7 | 1 U | 1 U |
| | 4/21/1993 | | 0.5 U | 24 | 13 | 32 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1.9 B | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 2.6 | 1 U | 1 U |
| | 7/13/1993 | | 0.5 U | 2.2 | 2 | 5.2 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 2.8 B | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 4.6 | 1 U | 1 U |
| | 10/13/1993 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 3.6 B | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1.5 | 1 U | 1 U | -- | -- | -- | 9.4 | 1 U | 1 U |
| | 1/11/1994 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 1.9 | 1 U | 1 U |
| | 4/12/1994 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 2 | 1 U | 1 U |
| | 7/19/1994 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 2 | 1 U | 1 U |
| | 10/12/1994 | | 0.5 U | 1.6 | 1 U | 11 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 1.1 | 1 U | 1 U |
| | 1/18/1995 | | 0.5 U | 18 | 22 | 28 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 6.5 | 1 U | 1 U | -- | -- | -- | 1.8 | 1 U | 1 U |
| | 4/18/1995 | | 0.5 U | 1 U | 3.4 | 2.5 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 3.4 B | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 2.2 | 1 U | 1 U | -- | -- | -- | 1.6 | 1 U | 1 U |
| | 7/11/1995 | | 0.5 U | 1.1 | 3.4 | 5.1 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1.9 | 1 U | 1 U | -- | -- | -- | 4.3 | 1 U | 1 U |
| | 10/10/1995 | | 0.5 U | 1 U | 1.3 | 2.6 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 3.1 | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1.2 | 1 U | 1 U | -- | -- | -- | 5.2 | 1 U | 1 U |
| | 1/30/1996 | | 0.5 U | 9.3 | 13 | 26 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 6.3 | 1 U | 1 U |
| | 4/16/1996 | | 2.5 U | 9.7 | 67 | 88 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1.4 | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 5.9 | 1 U | 1 U |
| | 7/16/1996 | | 0.5 U | 1 U | 3.1 | 4.6 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 3.9 | 1 U | 1 U |
| | 10/8/1996 | | 0.5 U | 1.7 | 4.3 | 3.9 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 2.6 | 1 U | 1 U | 1 U | 1 U | 1.2 | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 32 | 1 U | 1 U |
| | 1/14/1997 | | 0.5 U | 6.4 | 16 | 19 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 17 | 1 U | 1 U |
| | 4/16/1997 | | 0.5 U | 3.5 | 3.7 | 1.3 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 3.7 | 1 U | 1 U | -- | -- | -- | 14 | 1 U | 1 U |
| | 7/9/1997 | | 0.5 U | 1 U | 1.1 | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 3.7 | 1 U | 1 U | -- | -- | -- | 14 | 1 U | 1 U |
| | 10/15/1997 | | 0.5 U | 1 U | 1.1 | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1.1 | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 2.1 | 1 U | 1 U | -- | -- | -- | 14 | 1 U | 1 U |
| | 1/14/1998 | | 0.5 U | 3.9 | 12 | 15 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1.5 | 1 U | 1 U | -- | -- | -- | 8.7 | 1 U | 1 U |
| | 4/22/1998 | | 0.5 U | 1 U | 2.4 | 4.4 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1.1 | 1 U | 1 U | -- | -- | -- | 6.2 | 1 U | 1 U |
| | 7/15/1998 | | 0.5 U | 1 U | 1.2 | 1 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 8.1 | 1 U | 1 U |
| | 10/20/1998 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 5.4 | 1 U | 1 U |
| | 1/15/1999 | | 0.5 U | 1.2 | 5.8 | 6.4 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 7.1 | 1 U | 1 U |
| | 4/15/1999 | | 1 U | 4 | 14 | 11.5 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1.2 | 1 U | 1 U | -- | -- | -- | 10 | 2 U | 2 U |
| | 7/15/1999 | | 1 U | 1 U | 4.4 | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 1 U | -- | 2.6 | 1 U | 1 U | 1 U | 1 U | 1.6 | -- | 1 U | 1 U | 16 | 1 U | 1 U | -- | -- | -- | 23 | 2 U | 2 U |
| | 10/15/1999 | | 1 U | 1 U | 2.9 | 2 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 8.8 | 2 U | 2 U |
| | 1/25/2000 | | 1 U | 1 U | 1.8 | 2 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 16 | 1 U | 1 U | -- | -- | -- | 9.2 | 2 U | 2 U |
| | 4/15/2000 | | 1 U | 1 U | 1 | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 | 1 U | 1 U | -- | -- | -- | 4.3 | 2 U | 2 U |
| | 10/15/2000 | | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 | 1 U | 1 U | -- | -- | -- | 10 | 2 U | 2 U |

**Table C-2**
**Phibro-Tech, Inc.**
**Historical Groundwater Analytical Results**
**Volatile Organic Compounds (VOCs) Analytical Summary**

| | | | Non-chlorinated VOCs | | | | | | | | | | Chlorinated VOCs | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Well Number | Sample Date | Sample Type | Ben (1) | Tol (150) | e-Ben (300) | T-Xyl (1,750) | N-P Ben | ISB | NAP | 1,4-Diox | PIPT | STY (0.1) | BDCM | Chloro benzene (70) | CCl4 (0.5) | CFM (80) | MCL (5) | Chloro-ethane | Chloro-methane | cis-1,2-DCE (6) | 1,2-DBE (0.05) | 1,1-DCA (5) | 1,2-DCA (0.5) | 1,2-DCB (600) | 1,3-DCB | 1,4-DCB (5) | 1,1-DCE (6) | DCFM | trans-1,2-DCE (10) | 1,1,2,2-PCA (1) | PCE (5) | 1,1,1-TCA (200) | 1,1,2-TCA (5) | 1,2,3-TCB | 1,2,4-TCB (5) | 1,2,4-TMB | TCE (5) | TFM (150) | Vinyl chloride (0.5) |
| MW-06D | 4/15/2001 | | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1.5 | 1 U | 1 U | -- | -- | -- | 10 | 2 U | 2 U |
| | 7/18/2001 | | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 0.96 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 3.4 | 2 U | 2 U |
| | 10/17/2001 | | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 0.95 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1.1 | 1 U | 1 U | -- | -- | -- | 4.6 | 2 U | 2 U |
| | 1/16/2002 | | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1.1 | 1 U | 1 U | -- | -- | -- | 6.6 | 2 U | 2 U |
| | 4/17/2002 | | 1 U | 1 U | 1 U | 2 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 3.5 | 2 U | 2 U |
| | 7/25/2002 | | 1 U | 1 U | 1 U | 2 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 3.9 | 2 U | 2 U |
| | 10/23/2002 | | 1 U | 1 U | 1 U | 2 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 4.5 | 2 U | 2 U |
| | 1/8/2003 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 1 | 1 U | 1 U | 1 U | 1 U | 1 U | 6.3 | 1 U | 0.5 U |
| | 4/24/2003 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 1.9 | 1 U | 1 U | 1 U | 1 U | 1 U | 8.8 | 1 U | 0.5 U |
| | 7/30/2003 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 4.1 | 1 U | 0.5 U |
| | 10/22/2003 | | 0.5 U | 1 U | 1.6 | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 1.6 | 1 U | 1 U | 1 U | 1 U | 1 U | 7 | 1 U | 0.5 U |
| | 1/22/2004 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 12 | 1 U | 1 U | 1 U | 1 U | 1 U | 22 | 1 U | 0.5 U |
| | 4/20/2004 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 6.1 | 1 U | 1 U | 1 U | 1 U | 1 U | 16 | 1 U | 0.5 U |
| | 7/21/2004 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 18 | 1 U | 1 U | 1 U | 1 U | 1 U | 26 | 1.4 | 0.5 U |
| | 10/12/2004 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 2.1 | 5 U | 1 U | 1 U | 31 | 1 U | 1 U | 1 U | 1 U | 1 U | 53 | 5.4 | 0.5 U |
| | 1/26/2005 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 2.2 | 5 U | 1 U | 1 U | 40 | 1 U | 1 U | 1 U | 1 U | 1 U | 62 | 7.8 | 0.5 U |
| | 4/27/2005 | | 0.5 U | 1.8 | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1.9 | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 5.9 | 5 U | 1 U | 1 U | 65 | 1 U | 1 U | 1 U | 1 U | 1 U | 84 | 18 | 0.5 U |
| | 7/27/2005 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1.7 | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 6.1 | 5 U | 1 U | 1 U | 55 | 1 U | 1 U | 1 U | 1 U | 1 U | 97 | 23 | 0.5 U |
| | 10/19/2005 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 3.4 | 5 U | 1 U | 1 U | 35 | 1 U | 1 U | 1 U | 1 U | 1 U | 62 | 14 | 0.5 U |
| | 1/26/2006 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1.1 | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 2.6 | 5 U | 1 U | 1 U | 31 | 1 U | 1 U | 1 U | 1 U | 1 U | 73 | 14 | 0.5 U |
| | 4/26/2006 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.93 | 1 U | 5 U | 1 U | 1 U | 1.1 | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 3.4 | 5 U | 1 U | 1 U | 27 | 1 U | 1 U | 1 U | 1 U | 1 U | 63 | 13 | 0.5 U |
| | 7/26/2006 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 L,U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1.1 | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 3.2 | 5 U | 1 U | 1 U | 17 | 1 U | 1 U | 1 U | 1 U | 1 U | 54 | 8 | 0.5 U |
| | 10/25/2006 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 2.8 | 5 U | 1 U | 1 U | 23 | 1 U | 1 U | 1 U | 1 U | 1 U | 62 | 9.6 | 0.5 U |
| | 1/18/2007 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 1.6 | 5 U | 1 U | 1 U | 17 | 1 U | 1 U | 1 U | 1 U | 1 U | 47 | 8.7 | 0.5 U |
| | 4/17/2007 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 1.1 | 5 U | 1 U | 1 U | 14 | 1 U | 1 U | 1 U | 1 U | 1 U | 32 | 3.4 | 0.5 U |
| | 7/26/2007 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 9 | 1 U | 1 U | 1 U | 1 U | 1 U | 16 | 1.5 | 0.5 U |
| | 10/25/2007 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 M2,U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 5 M1,U | 1 U | 1 U | 5.9 | 1 U | 1 U | 1 U | 1 U | 1 U | 14 | 1.1 M1 | 0.5 M1,U |
| | 1/29/2008 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 6.8 | 1 U | 1 U | 1 U | 1 U | 1 U | 16 | 1 U | 0.5 U |
| | 4/24/2008 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 L,U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 8.6 | 1 U | 1 U | 1 U | 1 U | 1 U | 19 | 1 U | 0.5 U |
| | 7/31/2008 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 1.4 | 5 U | 1 U | 1 U | 13 | 1 U | 1 U | 1 U | 1 U | 1 U | 28 | 2 | 0.5 U |
| MW-07 | 1/15/1989 | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 2.2 | 0.2 U | 0.2 U | -- | -- | 2.9 | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 2.1 | 0.2 U | 0.2 U | -- | -- | -- | 35 | 0.2 U | 0.2 U |
| | 4/15/1989 | | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 4 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 2 | 1 U | 2 | 1 U | 1 U | -- | -- | -- | 47 | 1 U | 1 U |
| | 4/15/1989 | K | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 5 U | 13 U | 5 U | 5 U | 5 U | -- | 5 U | 6.3 U | 5 U | 5 U | 5 U | 5 U | 15 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 41 U | 5 U | 5 U |
| | 7/15/1989 | | 0.7 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 15 | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 3 | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 25 | 1 U | 1 U |
| | 10/15/1989 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 4 | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 2 | -- | 3 | 1 U | 1 U | -- | -- | -- | 44 | 1 U | 1 U |
| | 1/24/1990 | | 2.5 U | 2.5 U | 2.5 U | 5 U | -- | -- | -- | -- | -- | -- | 1 U | 2.5 U | 1 U | 1 U | 10 U | 1 U | 1 U | -- | -- | 2.4 | 1 U | 2.5 U | 2.5 U | 2.5 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 39 | 10 U | 1 U |
| | 4/12/1990 | | 2.5 U | 2.5 U | 2.5 U | 5 U | -- | -- | -- | -- | -- | -- | 1 U | 2.5 U | 1 U | 1 U | 10 U | 1 U | 1 U | -- | -- | 3.7 | 1 U | 2.5 U | 2.5 U | 2.5 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 45 | 10 U | 1 U |
| | 7/15/1990 | | 1 U | 1 U | 1 U | 2 U | -- | -- | -- | -- | -- | -- | 0.4 U | 1 U | 0.4 U | 0.73 | 4 U | 0.4 U | 0.4 U | 2.4 | -- | 29 | 3.4 | 1 U | 1 U | 1 U | 3.5 | 0.4 U | 0.4 U | 0.4 U | 1.1 | 0.4 U | 0.4 U | -- | -- | -- | 34 | 4 U | 0.4 U |
| | 10/15/1990 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 9 | 5 | 1 U | 1 U | 1 U | 1.3 | -- | 3.5 | 1 U | 1.4 | 1 U | 1 U | -- | -- | -- | 19 | 1 U | 1 U |

**Table C-2**
**Phibro-Tech, Inc.**
**Historical Groundwater Analytical Results**
**Volatile Organic Compounds (VOCs) Analytical Summary**

| Well Number | Sample Date | Sample Type | Non-chlorinated VOCs | | | | | | | | | | Chlorinated VOCs | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Ben (1) | Tol (150) | e-Ben (300) | T-Xyl (1,750) | N-P Ben | ISB | NAP | 1,4-Diox | PIPT | STY (0.1) | BDCM | Chloro benzene (70) | CCl4 (0.5) | CFM (80) | MCL (5) | Chloro-ethane | Chloro-methane | cis-1,2-DCE (6) | 1,2-DBE (0.05) | 1,1-DCA (5) | 1,2-DCA (0.5) | 1,2-DCB (600) | 1,3-DCB | 1,4-DCB (5) | 1,1-DCE (6) | DCFM | trans-1,2-DCE (10) | 1,1,2,2-PCA (1) | PCE (5) | 1,1,1-TCA (200) | 1,1,2-TCA (5) | 1,2,3-TCB | 1,2,4-TCB (5) | 1,2,4-TMB | TCE (5) | TFM (150) | Vinyl chloride (0.5) |
| MW-07 | 1/15/1991 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | -- | -- | -- | -- | 20 | 1 U | -- | -- | -- | 3 | -- | -- | 1 U | 1 U | -- | -- | -- | -- | -- | 1.8 | -- | -- |
| | 4/15/1991 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 5.5 | 1 U | 1 U | -- | -- | 29 | 1 U | 1 U | 1 U | 1 U | 2 | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 30 | 1 U | 1 U |
| | 7/15/1991 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 5 U | 5 U | 18 | 5 U | 5 U | -- | -- | 30 | 31 | 5 U | 5 U | 5 U | 5 U | -- | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 53 | 5 U | 5 U |
| | 10/23/1991 | | 5 U | 5 U | 5 U | 10 U | -- | -- | -- | -- | -- | -- | 2 U | 5 U | 2 U | 2 U | 20 U | 2 U | 2 U | 4 | -- | 18 | 16 | 5 U | 5 U | 5 U | 2 U | 10 U | 2 U | 2 U | 2 U | 2 U | 2 U | -- | -- | -- | 54 | 20 U | 2 U |
| | 1/15/1992 | | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 9 | -- | 49 | 56 | 1 U | 1 U | 1 U | 9.9 | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 120 | 1 U | 1 U |
| | 4/15/1992 | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | -- | -- | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.97 | 0.5 U | 0.5 U | 0.5 U | 4.4 | 0.5 U | 32 | 73 | 0.5 U | 0.5 U | 0.5 U | 5.7 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 55 | 0.5 U | 0.5 U |
| | 7/15/1992 | | 1 U | 2 U | 2 U | 2 U | -- | -- | -- | -- | -- | -- | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | -- | -- | 12 | 17 | 2 U | 2 U | 2 U | 2.3 | -- | 2 U | 2 U | 2 U | 2 U | 2 U | -- | -- | -- | 53 | 2 U | 2 U |
| | 10/15/1992 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 2 U | 2 U | 1 U | 2.2 | 7 | 2 U | 2 U | -- | -- | 22 | 48 | 2 U | 2 U | 2 U | 4.5 | -- | 1 U | 2 U | 1 U | 1 U | 2 U | -- | -- | -- | 98 | 2 U | 2 U |
| | 1/15/1993 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | -- | -- | 28 | 67 | 2 U | 2 U | 2 U | 4.9 | -- | 2 U | 2 U | 2 U | 2 U | 2 U | -- | -- | -- | 73 | 2 U | 2 U |
| | 4/22/1993 | | 1.2 U | 2.5 U | 90 | 5.6 | -- | -- | -- | -- | -- | -- | 1 U | 1.1 | 1 U | 1 U | 1.3 B | 1 U | 1 U | -- | -- | 9 | 17 | 1 U | 1 U | 1 U | 2.7 | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 23 | 1 U | 1 U |
| | 7/13/1993 | | 5 U | 10 U | 210 | 10 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1.2 B | 1 U | 1 U | -- | -- | 23 | 7.9 | 1 U | 1 U | 1 U | 6.7 | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 43 | 1 U | 1 U |
| | 10/13/1993 | | 0.82 | 1 U | 7.2 | 1 U | -- | -- | -- | -- | -- | -- | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | -- | -- | 19 | 4.8 | 2 U | 2 U | 2 U | 5.5 | -- | 2 U | 2 U | 2 U | 2 U | 2 U | -- | -- | -- | 44 | 2 U | 2 U |
| | 1/11/1994 | | 1.4 | 1 U | 33 | 1 U | -- | -- | -- | -- | -- | -- | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | -- | -- | 39 | 9.8 | 2 U | 2 U | 2 U | 6.7 | -- | 2 U | 2 U | 2 U | 2 U | 2 U | -- | -- | -- | 53 | 2 U | 2 U |
| | 4/12/1994 | | 2.5 U | 5 U | 200 | 5 U | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | 67 | 20 | 5 U | 5 U | 5 U | 15 | -- | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 96 | 5 U | 5 U |
| | 7/19/1994 | | 0.88 | 1 U | 7.7 | 1.2 | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | 57 | 7 | 5 U | 5 U | 5 U | 8.5 | -- | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 140 | 5 U | 5 U |
| | 10/12/1994 | | 0.5 U | 1 U | 5.1 | 5.5 | -- | -- | -- | -- | -- | -- | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | -- | -- | 28 | 7.8 | 2 U | 2 U | 2 U | 4.5 | -- | 2 U | 2 U | 2 U | 2 U | 2 U | -- | -- | -- | 98 | 2 U | 2 U |
| | 1/18/1995 | | 0.5 U | 7 | 8.7 | 10 | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | 43 | 10 U | 10 U | 10 U | 10 U | 10 U | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 170 | 10 U | 10 U |
| | 4/18/1995 | | 0.5 U | 1 U | 1.3 | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1.1 | 3.2 B | 1 U | 1 U | -- | -- | 19 | 29 | 1 U | 1 U | 1 U | 1.5 | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 26 | 1 U | 1 U |
| | 7/11/1995 | | 0.5 U | 1 U | 2.1 | 3.4 | -- | -- | -- | -- | -- | -- | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | -- | -- | 55 | 24 | 2 U | 2 U | 2 U | 5.7 | -- | 2.3 | 2 U | 2 U | 2 U | 2 U | -- | -- | -- | 53 | 2 U | 2 U |
| | 10/10/1995 | | 0.74 | 1 U | 3.8 | 1.4 | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | 76 | 22 | 10 U | 10 U | 10 U | 11 | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 98 | 10 U | 10 U |
| | 1/31/1996 | | 1 | 4.2 | 4.9 | 10 | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | 47 | 13 | 5 U | 5 U | 5 U | 6.8 | -- | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 85 | 5 U | 5 U |
| | 4/16/1996 | | 0.5 U | 1.3 | 11 | 14 | -- | -- | -- | -- | -- | -- | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | -- | -- | 24 | 41 | 2 U | 2 U | 2 U | 3.4 | -- | 2 U | 2 U | 2 U | 2 U | 2 U | -- | -- | -- | 37 | 2 U | 2 U |
| | 7/16/1996 | | 1 | 1 U | 1.6 | 2.7 | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | 93 | 35 | 10 U | 10 U | 10 U | 10 U | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 87 | 10 U | 10 U |
| | 10/8/1996 | | 0.96 | 1 U | 1.4 | 1.5 | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | 74 | 32 | 5 U | 5 U | 5 U | 9.9 | -- | 5.1 | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 150 | 5 U | 5 U |
| | 1/14/1997 | | 0.5 U | 1 U | 1.7 | 2.8 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1.2 | 1 U | 1 U | 1 U | -- | -- | 31 | 30 | 1 U | 1 U | 1 U | 7.5 | -- | 2.6 | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 95 | 1 U | 1 U |
| | 4/16/1997 | | 0.5 U | 1.1 | 1.2 | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1.7 | 1 U | 1 U | 1 U | -- | -- | 64 | 65 | 1 U | 1 U | 1 U | 8.5 | -- | 2.6 | 1 U | 2.6 | 1 U | 1 U | -- | -- | -- | 63 | 1 U | 1 U |
| | 7/9/1997 | | 0.56 | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 61 | 79 | 1 U | 1 U | 1 U | 9.1 | -- | 1.7 | 1 U | 2.3 | 1 U | 1 U | -- | -- | -- | 54 | 1 U | 1 U |
| | 10/15/1997 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1.4 | 1 U | 1 U | 1 U | -- | -- | 57 | 65 | 1 U | 1 U | 1 U | 12 | -- | 3.3 | 1 U | 1.4 | 1 U | 1 U | -- | -- | -- | 85 | 1 U | 1 U |
| | 1/14/1998 | | 0.5 U | 2.2 | 5.2 | 6.8 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1.6 | 1 U | 1 U | 1 U | -- | -- | 38 | 24 | 1 U | 1 U | 1 U | 10 | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 97 | 1 U | 1 U |
| | 4/22/1998 | | 0.5 U | 1 U | 1.6 | 1.8 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 21 | 18 | 1 U | 1 U | 1 U | 3.6 | -- | 1 U | 1 U | 1.2 | 1 U | 1 U | -- | -- | -- | 23 | 1 U | 1 U |
| | 7/15/1998 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 | 1 U | 1 U | 1 U | -- | -- | 41 | 32 | 1 U | 1 U | 1 U | 5.9 | -- | 1.8 | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 53 | 1 U | 1 U |
| | 10/20/1998 | | 0.68 | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 3 | 1.4 | 1 U | 1 U | 1 U | -- | -- | 70 | 41 | 1 U | 1 U | 1 U | 13 | -- | 4.3 | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 88 | 1 U | 1 U |
| | 1/15/1999 | | 1.2 U | 2.5 U | 2.5 U | 2.5 U | -- | -- | -- | -- | -- | -- | 2.5 U | 2.5 U | 2.5 U | 3 | 2.5 U | 2.5 U | 2.5 U | -- | -- | 74 | 24 | 2.5 U | 2.5 U | 2.5 U | 16 | -- | 5.3 | 2.5 U | 2.5 U | 2.5 U | 2.5 U | -- | -- | -- | 160 | 2.5 U | 2.5 U |
| | 4/15/1999 | | 2 U | 3 | 11 | 6.8 | -- | -- | -- | -- | -- | -- | 2 U | 2 U | 2 U | 2 U | 2 U | 4 U | 4 U | 22 | -- | 33 | 9.7 | 2 U | 2 U | 2 U | 8.4 | -- | 2.7 | 2 U | 2 U | 2 U | 2 U | -- | -- | -- | 80 | 4 U | 4 U |
| | 7/15/1999 | | 1 U | 1 U | 1.3 | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1.4 | 1 U | 2 U | 2 U | 21 | -- | 53 | 16 | 1 U | 1 U | 1 U | 9.4 | -- | 2.8 | 1 U | 14 | 1 U | 1 U | -- | -- | -- | 65 | 2 U | 2 U |
| | 10/15/1999 | | 2 U | 2 U | 2 U | 4 U | -- | -- | -- | -- | -- | -- | 2 U | 2 U | 2 U | 2.7 | 2 U | 4 U | 4 U | 35 | -- | 71 | 7 | 2 U | 2 U | 2 U | 18 | -- | 5.7 | 2 U | 2 U | 2 U | 2 U | -- | -- | -- | 130 | 4 U | 4 U |
| | 1/25/2000 | | 1 U | 1 U | 1 U | 2 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1.1 | 1 U | 2 U | 2 U | 13 | -- | 29 | 2.2 | 1 U | 1 U | 1 U | 9.1 | -- | 2.3 | 1 U | 9.8 | 1 U | 1 U | -- | -- | -- | 47 | 2 U | 2 U |
| | 4/15/2000 | | 1 U | 1 U | 1.2 | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1.1 | 1 U | 2 U | 2 U | 13 | -- | 41 | 5.8 | 1 U | 1 U | 1 U | 6.2 | -- | 1.6 | 1 U | 1.4 | 1 U | 1 U | -- | -- | -- | 48 | 2 U | 2 U |
| | 10/15/2000 | | 2.5 U | 2.5 U | 2.5 U | 2.5 U | -- | -- | -- | -- | -- | -- | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 5 U | 5 U | 27 | -- | 64 | 29 | 2.5 U | 2.5 U | 2.5 U | 13 | -- | 3.8 | 2.5 U | 2.5 U | 2.5 U | 2.5 U | -- | -- | -- | 110 | 5 U | 5 U |

**Table C-2**
**Phibro-Tech, Inc.**
**Historical Groundwater Analytical Results**
**Volatile Organic Compounds (VOCs) Analytical Summary**

| | | | Non-chlorinated VOCs | | | | | | | | | | Chlorinated VOCs | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Well Number | Sample Date | Sample Type | Ben (1) | Tol (150) | e-Ben (300) | T-Xyl (1,750) | N-P Ben | ISB | NAP | 1,4-Diox | PIPT | STY (0.1) | BDCM | Chloro benzene (70) | CCl4 (0.5) | CFM (80) | MCL (5) | Chloro-ethane | Chloro-methane | cis-1,2-DCE (6) | 1,2-DBE (0.05) | 1,1-DCA (5) | 1,2-DCA (0.5) | 1,2-DCB (600) | 1,3-DCB | 1,4-DCB (5) | 1,1-DCE (6) | DCFM | trans-1,2-DCE (10) | 1,1,2,2-PCA (1) | PCE (5) | 1,1,1-TCA (200) | 1,1,2-TCA (5) | 1,2,3-TCB | 1,2,4-TCB (5) | 1,2,4-TMB | TCE (5) | TFM (150) | Vinyl chloride (0.5) |
| MW-07 | 4/15/2001 | | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1.2 | 1 U | 2 U | 2 U | 23 | -- | 53 | 41 | 1 U | 1 U | 1 U | 8.9 | -- | 2.9 | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 78 | 2 U | 2 U |
| | 7/18/2001 | | 2.5 U | 2.5 U | 2.5 U | 2.5 U | -- | -- | -- | -- | -- | -- | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 5 U | 5 U | 21 | -- | 76 | 140 | 2.5 U | 2.5 U | 2.5 U | 13 | -- | 2.7 | 2.5 U | 2.5 U | 2.5 U | 2.5 U | -- | -- | -- | 84 | 5 U | 5 U |
| | 10/18/2001 | | 2 U | 2 U | 2 U | 2 U | -- | -- | -- | -- | -- | -- | 2 U | 2 U | 2 U | 2.8 | 2 U | 4 U | 4 U | 36 | -- | 78 | 27 | 2 U | 2 U | 2 U | 16 | -- | 4.8 | 2 U | 2 U | 2 U | 2 U | -- | -- | -- | 160 | 4 U | 4 U |
| | 1/17/2002 | | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 2.1 | -- | 8.7 | 15 | 1 U | 1 U | 1 U | 1.2 | -- | 1 U | 1 U | 1.4 | 1 U | 1 U | -- | -- | -- | 15 | 2 U | 2 U |
| | 4/18/2002 | | 1 U | 1 U | 1 U | 2 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 7.9 | -- | 34 | 52 | 1 U | 1 U | 1 U | 4.1 | -- | 1.1 | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 38 | 2 U | 2 U |
| | 7/26/2002 | | 2.5 U | 2.5 U | 2.5 U | 5 U | -- | -- | -- | -- | -- | -- | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 5 U | 5 U | 24 | -- | 58 | 15 | 2.5 U | 2.5 U | 2.5 U | 11 | -- | 3.4 | 2.5 U | 2.5 U | 2.5 U | 2.5 U | -- | -- | -- | 100 | 5 U | 5 U |
| | 10/23/2002 | | 1 U | 1 U | 1 U | 2 U | -- | -- | 10 U | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 3.8 | 1 U | 1 U | -- | 10 U | -- | 21 | 2 U | 2 U |
| | 12/30/2002 | | 0.057 J | 1 U | 1 U | 2 U | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 0.29 J | 0.6 J | 1 U | 1 U | 3 | 1 U | 13 | 1.8 | 1 U | 1 U | 1 U | 1.8 | 0.09 J | 0.38 J | 1 U | 1 | 1 U | 1 U | -- | -- | -- | 13 | 1 U | 0.12 J |
| | 4/24/2003 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1.8 | 5 U | 1 U | 1 U | 13 | 1 U | 48 | 18 | 1 U | 1 U | 1 U | 7.4 | 5 U | 1.1 | 1 U | 1.7 | 1 U | 1 U | 1 U | 1 U | 1 U | 59 | 1 U | 0.5 U |
| | 7/30/2003 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1.6 | 5 U | 1 U | 1 U | 16 | 1 U | 52 | 20 | 1 U | 1 U | 1 U | 8.5 | 5 U | 1.7 | 1 U | 1.7 | 1 U | 1 U | 1 U | 1 U | 1 U | 60 | 1 U | 0.5 U |
| | 10/23/2003 | | 2 U | 2 U | 2 U | 4 U | -- | -- | 9.9 U | -- | -- | 2 U | 2 U | 2 U | 5 U | 2 U | 5 U | 5 U | 5 U | 2 U | -- | 5.8 | 3.3 | 2 U | 2 U | 2 U | 5 U | 5 U | 2 U | 2 U | 2 U | 2 U | 2 U | -- | 9.9 U | -- | 11 | 5 U | 5 U |
| | 1/22/2004 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 6.2 | 1 U | 24 | 5.3 | 1 U | 1 U | 1 U | 2.3 | 5 U | 1 U | 1 U | 1.7 | 1 U | 1 U | 1 U | 1 U | 1 U | 32 | 1 U | 0.5 U |
| | 4/21/2004 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 4.4 | 1 U | 14 | 3.4 | 1 U | 1 U | 1 U | 1.4 | 5 U | 1 U | 1 U | 2.2 | 1 U | 1 U | 1 U | 1 U | 1 U | 28 | 1 U | 0.5 U |
| | 7/21/2004 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1.1 | 1 U | 5 | 0.63 | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 3.5 | 1 U | 1 U | 1 U | 1 U | 1 U | 15 | 1 U | 0.5 U |
| | 10/12/2004 | | 2 U | 2 U | 2 U | 4 U | -- | -- | 9.5 U | -- | -- | 2 U | 2 U | 2 U | 5 U | 2 U | 5 U | 5 U | 5 U | 2 U | -- | 6.5 | 2 U | 2 U | 2 U | 2 U | 5 U | 5 U | 2 U | 2 U | 13 | 2 U | 2 U | -- | 9.5 U | -- | 12 | 5 U | 5 U |
| | 1/27/2005 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1.4 | 1 U | 9.8 | 0.62 | 1 U | 1 U | 1 U | 4.8 | 5 U | 1 U | 1 U | 34 | 1 U | 1 U | 1 U | 1 U | 1 U | 16 | 1 U | 0.5 U |
| | 4/27/2005 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 5 | 1 U | 21 | 1.4 | 1 U | 1 U | 1 U | 4.2 | 5 U | 1 U | 1 U | 11 | 1 U | 1 U | 1 U | 1 U | 1 U | 39 | 1 U | 0.5 U |
| | 7/27/2005 | | 0.98 | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 2.7 | 5 U | 1 U | 1 U | 31 | 1 U | 100 | 45 | 1 U | 1 U | 1 U | 14 | 5 U | 2.7 | 1 U | 4 | 1 U | 1 U | 1 U | 1 U | 1 U | 110 | 1 U | 0.5 U |
| | 10/19/2005 | | 2 U | 2 U | 2 U | 4 U | -- | -- | 10 U | -- | -- | 2 U | 2 U | 2 U | 5 U | 2.1 | 5 U | 5 U | 5 U | 31 | -- | 93 | 80 | 2 U | 2 U | 2 U | 14 | 5 U | 3.3 | 2 U | 2.8 | 2 U | 4 U | -- | 10 U | -- | 89 | 5 U | 5 U |
| | 1/26/2006 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 R,U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 16 | 1 U | 51 | 17 | 1 U | 1 U | 1 U | 7.5 | 5 U | 1.7 | 1 U | 2.6 | 1 U | 1 U | 1 U | 1 U | 1 U | 56 | 1 U | 0.5 U |
| | 4/26/2006 | | 0.57 | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1.7 | 5 U | 1 U | 1 U | 22 | 1 U | 69 | 23 | 1 U | 1 U | 1 U | 10 | 5 U | 2.3 | 1 U | 2.7 | 1 U | 1 U | 1 U | 1 U | 1 U | 68 | 1 U | 0.5 U |
| | 7/26/2006 | | 0.55 | 1 U | 1 U | 1 U | 1 U | 1 L,U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1.5 | 5 U | 1 U | 1 U | 19 | 1 U | 49 | 34 | 1 U | 1 U | 1 U | 6.3 | 5 U | 1.9 | 1 U | 1.4 | 1 U | 1 U | 1 U | 1 U | 1 U | 55 | 1 U | 0.5 U |
| | 10/25/2006 | | 2 U | 2 U | 2 U | 2 U | -- | -- | 9.43 U | 16 | -- | 2 U | 2 U | 2 U | 5 U | 2 U | 5 U | 5 U | 5 U | 24 | -- | 95 | 31 | 2 U | 2 U | 2 U | 9.9 | 5 La,U | 3.3 | 2 U | 2.3 | 2 U | 2 U | -- | 9.43 U | -- | 88 | 5 U | 5 U |
| | 1/18/2007 | | 0.56 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1.4 | 5 U | 1 U | 1 U | 17 | 1 U | 52 | 5.3 | 1 U | 1 U | 1 U | 5.8 | 5 U | 2 | 1 U | 1.7 | 1 U | 1 U | 1 U | 1 U | 1 U | 59 | 1 U | 0.5 U |
| | 4/17/2007 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1.2 | 5 U | 1 U | 1 U | 14 | 1 U | 45 | 15 | 1 U | 1 U | 1 U | 7.4 | 5 U | 1.7 | 1 U | 2 | 1 U | 1 U | 1 U | 1 U | 1 U | 60 | 1 U | 0.5 U |
| | 7/26/2007 | | 0.78 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1.9 | 5 U | 1 U | 1 U | 24 | 1 U | 72 | 34 | 1 U | 1 U | 1 U | 10 | 5 U | 3 | 1 U | 1.7 | 1 U | 1 U | 1 U | 1 U | 1 U | 84 | 1 U | 0.5 U |
| | 10/25/2007 | | 2 U | 2 U | 2 U | 2 U | -- | -- | 9.43 U | -- | -- | 2 U | 2 U | 2 U | 5 U | 2 U | 5 U | 5 U | 5 U | 2 U | -- | 6.8 | 2 U | 2 U | 2 U | 2 U | 5 U | 5 U | 2 U | 2 U | 2 U | 2 U | 2 U | -- | 9.43 U | -- | 7.9 | 5 U | 5 U |
| | 1/29/2008 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 24 | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 5.7 | 1 U | 25 | 2.2 | 1 U | 1 U | 1 U | 2.5 | 5 U | 1 U | 1 U | 2.2 | 1 U | 1 U | 1 U | 1 U | 1 U | 25 | 1 U | 0.5 U |
| | 4/24/2008 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 L,U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 6.2 | 1 U | 29 | 2 | 1 U | 1 U | 1 U | 3 | 5 U | 1 U | 1 U | 2.4 | 1 U | 1 U | 1 U | 1 U | 1 U | 31 | 1 U | 0.5 U |
| | 7/31/2008 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1.3 | 1 U | 6.6 | 0.53 | 1 U | 1 U | 1 U | 1.1 | 5 U | 1 U | 1 U | 2.6 | 1 U | 1 U | 1 U | 1 U | 1 U | 10 | 1 U | 0.5 U |
| MW-08 | 1/15/1989 | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | -- | -- | 30 | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 4.3 | 0.2 U | 0.2 U | -- | -- | -- | 69 | 0.2 U | 0.2 U |
| | 4/15/1989 | | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 36 | 1 U | 1 U | 1 U | 1 U | 6 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 23 | 1 U | 1 U |
| | 7/15/1989 | | 0.7 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 3 | 1 U | 1 U | 1 U | -- | -- | 74 | 10 | 1 U | 1 U | 1 U | 14 | -- | 15 | 1 U | 2 | 1 U | 1 U | -- | -- | -- | 43 | 1 U | 1 U |
| | 10/15/1989 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 40 | 1 U | 1 U | 1 U | 1 U | 4 | -- | 8 | -- | 1 | 1 U | 1 U | -- | -- | -- | 22 | 1 U | 1 U |
| | 1/23/1990 | | 0.5 U | 0.5 U | 0.5 U | 1 U | -- | -- | -- | -- | -- | -- | 0.2 U | 0.5 U | 0.2 U | 0.49 | 2 U | 0.2 U | 0.2 U | -- | -- | 29 | 0.83 | 0.5 U | 0.5 U | 0.5 U | 6.6 | 0.2 U | -- | 0.2 U | 1.4 | 0.2 U | 0.2 U | -- | -- | -- | 28 | 2 U | 0.2 U |
| | 4/13/1990 | | 1 U | 1 U | 1 U | 2 U | -- | -- | -- | -- | -- | -- | 0.4 U | 1 U | 0.4 U | 0.4 U | 4 U | 0.4 U | 0.4 U | -- | -- | 28 | 0.8 | 1 U | 1 U | 1 U | 2.7 | 0.4 U | -- | 0.4 U | 1 | 0.4 U | 0.4 U | -- | -- | -- | 17 | 4 U | 0.4 U |
| | 7/15/1990 | | 1 U | 1 U | 1 U | 2 U | -- | -- | -- | -- | -- | -- | 0.4 U | 1 U | 0.4 U | 1 | 4 U | 0.4 U | 0.4 U | 5.9 | -- | 42 | 17 | 1 U | 1 U | 1 U | 7.7 | 0.4 U | 0.92 | 0.4 U | 0.4 U | 0.4 U | 0.4 U | -- | -- | -- | 20 | 4 U | 0.4 U |
| | 10/15/1990 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | 34 | 14 | 10 U | 10 U | 10 U | 10 U | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 14 | 10 U | 10 U |
| | 1/15/1991 | | 0.5 U | 3 | 1.7 | 4.4 | -- | -- | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | -- | -- | -- | -- | 59 | 30 | -- | -- | -- | 6 | -- | -- | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 26 | -- | -- |

**Table C-2**
**Phibro-Tech, Inc.**
**Historical Groundwater Analytical Results**
**Volatile Organic Compounds (VOCs) Analytical Summary**

| Well Number | Sample Date | Sample Type | Non-chlorinated VOCs | | | | | | | | | | Chlorinated VOCs | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Ben (1) | Tol (150) | e-Ben (300) | T-Xyl (1,750) | N-P Ben | ISB | NAP | 1,4-Diox | PIPT | STY (0.1) | BDCM | Chloro benzene (70) | CCl4 (0.5) | CFM (80) | MCL (5) | Chloro-ethane | Chloro-methane | cis-1,2-DCE (6) | 1,2-DBE (0.05) | 1,1-DCA (5) | 1,2-DCA (0.5) | 1,2-DCB (600) | 1,3-DCB | 1,4-DCB (5) | 1,1-DCE (6) | DCFM | trans-1,2-DCE (10) | 1,1,2,2-PCA (1) | PCE (5) | 1,1,1-TCA (200) | 1,1,2-TCA (5) | 1,2,3-TCB | 1,2,4-TCB (5) | 1,2,4-TMB | TCE (5) | TFM (150) | Vinyl chloride (0.5) |
| MW-09 | 1/15/1989 | | 0.5 U | 0.5 U | 0.5 U | -- | -- | -- | -- | -- | -- | -- | 0.2 U | 0.2 U | 0.2 U | 8.9 | 16 | 0.2 U | 0.2 U | -- | -- | 34 | 4.3 | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 3.1 | 2.9 | 0.2 U | -- | -- | -- | 55 | 0.2 U | 0.2 U |
| | 4/15/1989 | | 0.7 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 5 | 8 | 1 U | 1 U | 1 U | 4 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 24 | 1 U | 1 U |
| | 7/15/1989 | | 0.7 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 4 | 3 | 1 U | 1 U | -- | -- | 28 | 37 | 1 U | 1 U | 1 U | 14 | -- | 3 | 1 U | 2 | 4 | 1 U | -- | -- | -- | 57 | 1 U | 1 U |
| | 10/15/1989 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 10 U | 15 | 10 U | 10 U | -- | -- | 90 | 10 U | 10 U | 10 U | 10 U | 40 | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 110 | 10 U | 10 U |
| | 1/23/1990 | | 2.5 U | 2.5 U | 2.5 U | 5 U | -- | -- | -- | -- | -- | -- | 1 U | 2.5 U | 1 U | 1 U | 10 U | 1 U | 8.1 | -- | -- | 50 | 3.9 | 2.5 U | 2.5 U | 2.5 U | 36 | 1 U | -- | 1 U | 2.2 | 1 U | 1 U | -- | -- | -- | 100 | 10 U | 1 U |
| | 4/13/1990 | | 2.5 U | 2.5 U | 2.5 U | 5 U | -- | -- | -- | -- | -- | -- | 1 U | 2.5 U | 1 U | 13 | 10 U | 1 U | 1 U | -- | -- | 89 | 15 | 2.5 U | 2.5 U | 2.5 U | 48 | 1 U | -- | 1 U | 2 | 4 | 1 U | -- | -- | -- | 150 | 10 U | 1 U |
| | 7/15/1990 | | 2.5 U | 2.5 U | 2.5 U | 5 U | -- | -- | -- | -- | -- | -- | 1 U | 2.5 U | 1 U | 3.7 | 10 U | 1 U | 1 U | 1 U | -- | 23 | 50 | 2.5 U | 2.5 U | 2.5 U | 12 | 1 U | 1 U | 1 U | 1 U | 4 | 1 U | -- | -- | -- | 64 | 10 U | 1 U |
| | 7/15/1990 | K | 2.5 U | 2.5 U | 2.5 U | 5 U | -- | -- | -- | -- | -- | -- | 1 U | 2.5 U | 1 U | 5.4 | 10 U | 1 U | 1 U | 1 U | -- | 35 | 61 | 2.5 U | 2.5 U | 2.5 U | 17 | 1 U | 1 U | 1 U | 1 U | 5 | 1 U | -- | -- | -- | 84 | 10 U | 1 U |
| | 10/15/1990 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 6.5 | 7.8 | 1 U | 1 U | 1 U | 4.4 | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 17 | 1 U | 1 U |
| | 1/15/1991 | | 0.5 U | 6.6 | 1.4 | 9 | -- | -- | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | -- | -- | -- | -- | 14 | 30 | -- | -- | -- | 7 | -- | -- | 1 U | 1 U | -- | -- | -- | -- | -- | 26 | -- | -- |
| | 4/15/1991 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1.8 | 2.1 B | 1 U | 1 U | -- | -- | 9.4 | 34 | 1 U | 1 U | 1 U | 3.7 | -- | 1 U | 1 U | 1 U | 1.8 | 1 U | -- | -- | -- | 26 | 1 U | 1 U |
| | 7/15/1991 | | 0.5 U | 1 U | 99 | 1 U | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 5 U | 5 U | 15 | 5 U | 5 U | -- | -- | 17 | 120 | 5 U | 5 U | 5 U | 5 U | -- | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 41 | 5 U | 5 U |
| | 10/22/1991 | | 10 U | 10 U | 94 | 20 U | -- | -- | -- | -- | -- | -- | 4 U | 10 U | 4 U | 10 | 40 U | 4 U | 4 U | 4 U | -- | 51 | 100 | 10 U | 10 U | 10 U | 20 | 20 U | 4 U | 4 U | 4 U | 4 U | 4 U | -- | -- | -- | 120 | 40 U | 4 U |
| | 1/15/1992 | | 50 U | 50 U | 1220 | 92 | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 1 U | 1 U | 1 U | 5 U | 5 U | 1 U | -- | 16 | 79 | 5 U | 5 U | 5 U | 6 | -- | 5 U | 5 U | 1 U | 1 U | 5 U | -- | -- | -- | 45 | 5 U | 5 U |
| | 4/15/1992 | | 25 U | 2800 | 3600 | 6190 | 25 U | 31 | 25 U | -- | -- | 25 U | 25 U | 25 U | 25 U | 25 U | 48 | 25 U | 25 U | 25 U | 25 U | 31 | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 52 | 25 U | 25 U |
| | 7/15/1992 | | 500 U | 33000 | 7900 | 25000 | -- | -- | -- | -- | -- | -- | 1000 U | 1000 U | 1000 U | 1000 U | 1900 | 1000 U | 1000 U | -- | -- | 1000 U | 1000 U | 1000 U | 1000 U | 1000 U | 1000 U | -- | 1000 U | 1000 U | 1000 U | 1000 U | 1000 U | -- | -- | -- | 1000 U | 1000 U | 1000 U |
| | 10/15/1992 | | 0.5 U | 83000 | 13000 | 58000 | -- | -- | -- | -- | -- | -- | 1000 U | 1000 U | 1 U | 1 U | 1400 | 1000 U | 1000 U | -- | -- | 1 U | 1 U | 1000 U | 1000 U | 1000 U | 1 U | -- | 1 U | 1000 U | 1 U | 1 U | 1000 U | -- | -- | -- | 1 U | 1000 U | 1000 U |
| | 1/15/1993 | | 50 U | 400 | 3900 | 5300 | -- | -- | -- | -- | -- | -- | 100 U | 100 U | 100 U | 100 U | 100 U | 100 U | 100 U | -- | -- | 100 U | 100 U | 100 U | 100 U | 100 U | 100 U | -- | 100 U | 100 U | 100 U | 100 U | 100 U | -- | -- | -- | 100 U | 100 U | 100 U |
| | 1/15/1993 | K | 50 U | 400 | 3900 | 5300 | -- | -- | -- | -- | -- | -- | 100 U | 100 U | 100 U | 100 U | 100 U | 100 U | 100 U | -- | -- | 100 U | 100 U | 100 U | 100 U | 100 U | 100 U | -- | 100 U | 100 U | 100 U | 100 U | 100 U | -- | -- | -- | 100 U | 100 U | 100 U |
| | 4/20/1993 | | 50 U | 5100 | 4000 | 9200 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 21 | 29 B | 1 U | 1 U | -- | -- | 110 | 17 | 1 U | 1 U | 1 U | 34 | -- | 2.2 | 1 U | 2.7 | 26 | 1 U | -- | -- | -- | 110 | 1 U | 1 U |
| | 7/14/1993 | | 16 U | 33 U | 160 | 74 | -- | -- | -- | -- | -- | -- | 33 U | 33 U | 33 U | 170 | 200 B | 33 U | 33 U | -- | -- | 1200 | 33 U | 33 U | 33 U | 33 U | 300 | -- | 93 | 33 U | 33 U | 310 | 33 U | -- | -- | -- | 1100 | 33 U | 33 U |
| | 10/14/1993 | | 2.5 U | 5 U | 120 | 45 | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 65 | 41 B | 10 U | 10 U | -- | -- | 400 | 10 U | 10 U | 10 U | 10 U | 120 | -- | 10 U | 10 U | 10 U | 110 | 10 U | -- | -- | -- | 390 | 10 U | 10 U |
| | 1/12/1994 | | 10 U | 48 | 290 | 220 | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 46 | 20 B | 10 U | 10 U | -- | -- | 330 | 10 U | 10 U | 10 U | 10 U | 91 | -- | 10 U | 10 U | 10 U | 99 | 10 U | -- | -- | -- | 230 | 10 U | 10 U |
| | 4/13/1994 | | 500 U | 17000 | 12000 | 32000 | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 5 U | 69 | 20 B | 5 U | 5 U | -- | -- | 220 | 21 | 5 U | 5 U | 5 U | 71 | -- | 5 U | 5 U | 5 U | 53 | 5 U | -- | -- | -- | 270 | 5 U | 5 U |
| | 7/20/1994 | | 1000 U | 56000 | 15000 | 40000 | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 52 | 10 B | 10 U | 10 U | -- | -- | 150 | 13 | 10 U | 10 U | 10 U | 56 | -- | 10 U | 10 U | 10 U | 34 | 10 U | -- | -- | -- | 200 | 10 U | 10 U |
| | 10/13/1994 | | 500 U | 57000 | 11000 | 34000 | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 170 | 25 B | 10 U | 10 U | -- | -- | 340 | 30 | 10 U | 10 U | 10 U | 130 | -- | 10 U | 10 U | 10 U | 99 | 10 U | -- | -- | -- | 350 | 10 U | 10 U |
| | 1/18/1995 | | 250 U | 8200 | 9800 | 20000 | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 82 | 25 B | 10 U | 10 U | -- | -- | 350 | 30 | 10 U | 10 U | 10 U | 110 | -- | 10 U | 10 U | 10 U | 95 | 10 U | -- | -- | -- | 310 | 10 U | 10 U |
| | 4/19/1995 | | 50 U | 100 U | 650 | 480 | -- | -- | -- | -- | -- | -- | 100 U | 100 U | 100 U | 130 | 3000 B | 100 U | 100 U | -- | -- | 850 | 100 U | 100 U | 100 U | 100 U | 170 | -- | 100 U | 100 U | 100 U | 200 | 100 U | -- | -- | -- | 670 | 100 U | 100 U |
| | 7/13/1995 | | 10 U | 69 | 780 | 340 | -- | -- | -- | -- | -- | -- | 50 U | 50 U | 50 U | 100 | 50 U | 50 U | 50 U | -- | -- | 410 | 50 U | 50 U | 50 U | 50 U | 200 | -- | 50 U | 50 U | 50 U | 150 | 50 U | -- | -- | -- | 540 | 50 U | 50 U |
| | 10/11/1995 | | 25 U | 110 | 670 | 1900 | -- | -- | -- | -- | -- | -- | 25 U | 25 U | 25 U | 250 | 47 | 25 U | 25 U | -- | -- | 410 | 25 U | 25 U | 25 U | 25 U | 120 | -- | 25 U | 25 U | 25 U | 74 | 25 U | -- | -- | -- | 320 | 25 U | 25 U |
| | 2/1/1996 | | 50 U | 100 U | 4300 | 6100 | -- | -- | -- | -- | -- | -- | 25 U | 25 U | 25 U | 120 | 44 | 25 U | 25 U | -- | -- | 430 | 76 | 25 U | 25 U | 25 U | 130 | -- | 25 U | 25 U | 25 U | 94 | 25 U | -- | -- | -- | 500 | 25 U | 25 U |
| | 4/17/1996 | | 3.3 | 5.5 | 24 | 22 | -- | -- | -- | -- | -- | -- | 20 U | 20 U | 20 U | 83 | 23 | 20 U | 20 U | -- | -- | 620 | 23 | 20 U | 20 U | 20 U | 170 | -- | 20 U | 20 U | 20 U | 160 | 20 U | -- | -- | -- | 580 | 20 U | 20 U |
| | 7/17/1996 | | 4.6 | 2 U | 42 | 4.3 | -- | -- | -- | -- | -- | -- | 50 U | 50 U | 50 U | 94 | 50 U | 50 U | 50 U | -- | -- | 590 | 50 U | 50 U | 50 U | 50 U | 150 | -- | 50 U | 50 U | 50 U | 160 | 50 U | -- | -- | -- | 570 | 50 U | 50 U |
| | 10/9/1996 | | 50 U | 100 U | 2900 | 350 | -- | -- | -- | -- | -- | -- | 20 U | 20 U | 20 U | 210 | 69 | 20 U | 20 U | -- | -- | 400 | 96 | 20 U | 20 U | 20 U | 87 | -- | 20 U | 20 U | 20 U | 55 | 20 U | -- | -- | -- | 470 | 20 U | 20 U |
| | 1/15/1997 | | 2.5 U | 5 U | 5 U | 5 U | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 5 U | 50 | 5.6 | 5 U | 5 U | -- | -- | 260 | 250 | 5 U | 5 U | 5 U | 120 | -- | 5 U | 5 U | 6.8 | 54 | 5 U | -- | -- | -- | 400 | 5 U | 5 U |
| | 4/17/1997 | | 5 U | 10 U | 18 | 10 U | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 94 | 18 | 15 | 10 U | -- | -- | 740 | 34 | 10 U | 10 U | 10 U | 200 | -- | 11 | 10 U | 18 | 180 | 10 U | -- | -- | -- | 770 | 10 U | 10 U |
| | 7/10/1997 | | 25 U | 50 U | 2500 | 860 | -- | -- | -- | -- | -- | -- | 50 U | 50 U | 50 U | 110 | 50 U | 50 U | 50 U | -- | -- | 840 | 50 U | 50 U | 50 U | 50 U | 240 | -- | 50 U | 50 U | 50 U | 210 | 50 U | -- | -- | -- | 850 | 50 U | 50 U |
| | 10/16/1997 | | 25 U | 150 | 1900 | 4800 | -- | -- | -- | -- | -- | -- | 50 U | 50 U | 50 U | 470 | 550 | 50 U | 50 U | -- | -- | 740 | 57 | 50 U | 50 U | 50 U | 160 | -- | 50 U | 50 U | 50 U | 57 | 50 U | -- | -- | -- | 600 | 50 U | 50 U |
| | 10/16/1997 | K | 25 U | 170 | 2000 | 5000 | -- | -- | -- | -- | -- | -- | 50 U | 50 U | 50 U | 540 | 610 | 50 U | 50 U | -- | -- | 820 | 56 | 50 U | 50 U | 50 U | 170 | -- | 50 U | 50 U | 50 U | 57 | 50 U | -- | -- | -- | 620 | 50 U | 50 U |

# Table C-2
## Phibro-Tech, Inc.
## Historical Groundwater Analytical Results
## Volatile Organic Compounds (VOCs) Analytical Summary

| Well Number | Sample Date | Sample Type | Non-chlorinated VOCs | | | | | | | | | | Chlorinated VOCs | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Ben (1) | Tol (150) | e-Ben (300) | T-Xyl (1,750) | N-P Ben | ISB | NAP | 1,4-Diox | PIPT | STY (0.1) | BDCM | Chloro benzene (70) | CCl4 (0.5) | CFM (80) | MCL (5) | Chloro-ethane | Chloro-methane | cis-1,2-DCE (6) | 1,2-DBE (0.05) | 1,1-DCA (5) | 1,2-DCA (0.5) | 1,2-DCB (600) | 1,3-DCB | 1,4-DCB (5) | 1,1-DCE (6) | DCFM | trans-1,2-DCE (10) | 1,1,2,2-PCA (1) | PCE (5) | 1,1,1-TCA (200) | 1,1,2-TCA (5) | 1,2,3-TCB | 1,2,4-TCB (5) | 1,2,4-TMB | TCE (5) | TFM (150) | Vinyl chloride (0.5) | | | |
| MW-09 | 1/15/1998 | | 5 U | 10 U | 690 | 260 | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 99 | 20 | 10 U | 10 U | -- | -- | 240 | 200 | 10 U | 10 U | 10 U | 67 | -- | 10 U | 10 U | 10 U | 37 | 10 U | -- | -- | -- | 270 | 10 U | 10 U | | | |
| | 1/15/1998 | K | 5 U | 10 U | 660 | 260 | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 95 | 20 | 10 U | 10 U | -- | -- | 230 | 210 | 10 U | 10 U | 10 U | 65 | -- | 10 U | 10 U | 10 U | 34 | 10 U | -- | -- | -- | 260 | 10 U | 10 U | | | |
| | 4/23/1998 | | 5 U | 10 U | 23 | 10 U | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 52 | 10 U | 14 | 10 U | -- | -- | 460 | 190 | 10 U | 10 U | 10 U | 160 | -- | 10 U | 10 U | 15 | 90 | 10 U | -- | -- | -- | 390 | 10 U | 10 U | | | |
| | 4/23/1998 | K | 5 U | 10 U | 23 | 10 U | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 52 | 10 U | 15 | 10 U | -- | -- | 450 | 190 | 10 U | 10 U | 10 U | 160 | -- | 10 U | 10 U | 15 | 91 | 10 U | -- | -- | -- | 390 | 10 U | 10 U | | | |
| | 7/15/1998 | | 12 U | 25 U | 73 | 25 U | -- | -- | -- | -- | -- | -- | 25 U | 25 U | 25 U | 150 | 86 | 36 | 25 U | -- | -- | 1200 | 60 | 25 U | 25 U | 25 U | 380 | -- | 26 | 25 U | 30 | 220 | 25 U | -- | -- | -- | 1300 | 25 U | 25 U | | | |
| | 7/15/1998 | K | 12 U | 25 U | 70 | 25 U | -- | -- | -- | -- | -- | -- | 25 U | 25 U | 25 U | 150 | 84 | 38 | 25 U | -- | -- | 1100 | 56 | 25 U | 25 U | 25 U | 360 | -- | 25 U | 25 U | 27 | 220 | 25 U | -- | -- | -- | 1300 | 25 U | 25 U | | | |
| | 10/21/1998 | | 7.4 | 12 U | 390 | 12 U | -- | -- | -- | -- | -- | -- | 12 U | 12 U | 12 U | 530 | 920 | 16 | 12 U | -- | -- | 1200 | 96 | 12 U | 12 U | 12 U | 270 | -- | 12 | 12 U | 26 | 160 | 18 | -- | -- | -- | 1200 | 12 U | 12 U | | | |
| | 1/15/1999 | | 6.2 U | 12 U | 100 | 83 | -- | -- | -- | -- | -- | -- | 12 U | 12 U | 12 U | 400 | 940 | 12 U | 12 U | -- | -- | 490 | 230 | 12 U | 12 U | 12 U | 100 | -- | 12 U | 12 U | 12 U | 12 U | 12 U | -- | -- | -- | 550 | 12 U | 12 U | | | |
| | 4/15/1999 | | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 5 U | 160 | 200 | 10 U | 10 U | 16 | -- | 250 | 180 | 5 U | 5 U | 5 U | 68 | -- | 5 U | 5 U | 7 | 16 | 5 | -- | -- | -- | 350 | 10 U | 10 U | | | |
| | 4/15/1999 | K | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 5 U | 110 | 130 | 10 U | 10 U | 10 U | -- | 170 | 170 | 5 U | 5 U | 5 U | 47 | -- | 5 U | 5 U | 5 U | 9.8 | 5 | -- | -- | -- | 250 | 10 U | 10 U | | | |
| | 7/15/1999 | | 25 U | 25 U | 25 U | 25 U | -- | -- | -- | -- | -- | -- | 25 U | 25 U | 25 U | 440 | 1400 | 50 U | 50 U | 50 | -- | 780 | 140 | 25 U | 25 U | 25 U | 190 | -- | 25 U | 25 U | 25 U | 25 U | 25 U | -- | -- | -- | 810 | 50 U | 50 U | | | |
| | 7/15/1999 | K | 25 U | 25 U | 25 U | 25 U | -- | -- | -- | -- | -- | -- | 25 U | 25 U | 25 U | 490 | 1500 | 50 U | 50 U | 51 | -- | 770 | 120 | 25 U | 25 U | 25 U | 200 | -- | 25 U | 25 U | 25 U | 45 | 25 U | -- | -- | -- | 860 | 50 U | 50 U | | | |
| | 10/15/1999 | | 5 U | 5 U | 5 U | 10 U | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 5 U | 92 | 250 | 10 U | 10 U | 7.4 | -- | 160 | 85 | 5 U | 5 U | 5 U | 86 | -- | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 280 | 10 U | 10 U | | | |
| | 10/15/1999 | K | 5 U | 5 U | 5 U | 10 U | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 5 U | 94 | 250 | 10 U | 10 U | 8 | -- | 180 | 88 | 5 U | 5 U | 5 U | 92 | -- | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 290 | 10 U | 10 U | | | |
| | 1/28/2000 | | 5 U | 5 U | 5 U | 10 U | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 5 U | 150 | 300 | 10 U | 10 U | 7 | -- | 170 | 38 | 5 U | 5 U | 5 U | 52 | -- | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 170 | 10 U | 10 U | | | |
| | 1/28/2000 | K | 5 U | 5 U | 5 U | 10 U | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 5 U | 110 | 270 | 10 U | 10 U | 5 U | -- | 130 | 31 | 5 U | 5 U | 5 U | 36 | -- | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 120 | 10 U | 10 U | | | |
| | 4/15/2000 | | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 5 U | 57 | 30 | 10 U | 10 U | 15 | -- | 240 | 57 | 5 U | 5 U | 5 U | 110 | -- | 5 U | 5 U | 7 | 5 U | 5 U | -- | -- | -- | 370 | 10 U | 10 U | | | |
| | 4/15/2000 | K | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 5 U | 60 | 31 | 10 U | 10 U | 17 | -- | 250 | 58 | 5 U | 5 U | 5 U | 110 | -- | 5 U | 5 U | 7.1 | 5 U | 5 U | -- | -- | -- | 380 | 10 U | 10 U | | | |
| | 10/15/2000 | | 5 U | 5 U | 29 | 5 U | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 5 U | 22 | 5 U | 10 U | 10 U | 11 | -- | 130 | 96 | 5 U | 5 U | 5 U | 37 | -- | 5 U | 5 U | 5 U | 15 | 5 U | -- | -- | -- | 160 | 10 U | 10 U | | | |
| | 10/15/2000 | K | 5 U | 5 U | 28 | 5 U | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 5 U | 23 | 5 U | 10 U | 10 U | 11 | -- | 130 | 89 | 5 U | 5 U | 5 U | 39 | -- | 5 U | 5 U | 5.1 | 15 | 5 U | -- | -- | -- | 170 | 10 U | 10 U | | | |
| | 4/15/2001 | | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 5 U | 29 | 5.1 | 10 U | 10 U | 21 | -- | 150 | 130 | 5 U | 5 U | 5 U | 52 | -- | 5 U | 5 U | 8.1 | 19 | 5 U | -- | -- | -- | 200 | 10 U | 10 U | | | |
| | 4/15/2001 | K | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 5 U | 24 | 5 U | 10 U | 10 U | 15 | -- | 130 | 110 | 5 U | 5 U | 5 U | 40 | -- | 5 U | 5 U | 6.8 | 15 | 5 U | -- | -- | -- | 160 | 10 U | 10 U | | | |
| | 7/19/2001 | | 5 U | 5 U | 440 | 25 | -- | -- | -- | 18 | -- | -- | 5 U | 5 U | 5 U | 16 | 6.8 | 10 U | 10 U | 11 | -- | 88 | 68 | 5 U | 5 U | 5 U | 26 | -- | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 110 | 10 U | 10 U | | | |
| | 7/19/2001 | K | 5 U | 5 U | 390 | 22 | -- | -- | -- | 13 | -- | -- | 5 U | 5 U | 5 U | 19 | 8.2 | 10 U | 10 U | 13 | -- | 110 | 64 | 5 U | 5 U | 5 U | 33 | -- | 5 U | 5 U | 5 U | 9.8 | 5 U | -- | -- | -- | 130 | 10 U | 10 U | | | |
| | 10/18/2001 | | 5 U | 5 U | 8.1 | 5 U | -- | -- | -- | 75 | -- | -- | 5 U | 5 U | 5 U | 110 | 69 | 10 U | 10 U | 15 | -- | 260 | 240 | 5 U | 5 U | 5 U | 89 | -- | 5 U | 5 U | 6.5 | 8.8 | 5 U | -- | -- | -- | 440 | 10 U | 10 U | | | |
| | 10/18/2001 | K | 5 U | 5 U | 33 | 5 U | -- | -- | -- | 88 | -- | -- | 5 U | 5 U | 5 U | 65 | 68 | 10 U | 10 U | 7.6 | -- | 160 | 250 | 5 U | 5 U | 5 U | 64 | -- | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 340 | 10 U | 10 U | | | |
| | 1/17/2002 | | 2.5 U | 2.5 U | 2.5 U | 2.5 U | -- | -- | -- | -- | -- | -- | 2.5 U | 2.5 U | 2.5 U | 35 | 14 | 5 U | 5 U | 5.3 | -- | 89 | 140 | 2.5 U | 2.5 U | 2.5 U | 43 | -- | 2.5 U | 2.5 U | 4.4 | 3.6 | 2.5 U | -- | -- | -- | 200 | 5 U | 5 U | | | |
| | 1/17/2002 | K | 2.5 U | 2.5 U | 2.5 U | 2.5 U | -- | -- | -- | -- | -- | -- | 2.5 U | 2.5 U | 2.5 U | 36 | 15 | 5 U | 5 U | 5.3 | -- | 91 | 150 | 2.5 U | 2.5 U | 2.5 U | 44 | -- | 2.5 U | 2.5 U | 4.2 | 3.8 | 2.5 U | -- | -- | -- | 200 | 5 U | 5 U | | | |
| | 4/18/2002 | | 2.5 U | 2.5 U | 2.5 U | 5 U | -- | -- | -- | -- | -- | -- | 2.5 U | 2.5 U | 2.5 U | 26 | 6.9 | 5 U | 5 U | 11 | -- | 110 | 64 | 2.5 U | 2.5 U | 2.5 U | 33 | -- | 2.5 U | 2.5 U | 4.2 | 12 | 2.5 U | -- | -- | -- | 140 | 5 U | 5 U | | | |
| | 4/18/2002 | K | 2.5 U | 2.5 U | 2.5 U | 5 U | -- | -- | -- | -- | -- | -- | 2.5 U | 2.5 U | 2.5 U | 36 | 10 | 5 U | 5 U | 16 | -- | 160 | 56 | 2.5 U | 2.5 U | 2.5 U | 48 | -- | 2.5 U | 2.5 U | 6 | 20 | 2.5 U | -- | -- | -- | 190 | 5 U | 5 U | | | |
| | 7/26/2002 | | 25 U | 25 U | 25 U | 50 U | -- | -- | -- | -- | -- | -- | 25 U | 25 U | 25 U | 150 | 280 | 50 U | 50 U | 25 U | -- | 320 | 340 | 25 U | 25 U | 25 U | 89 | -- | 25 U | 25 U | 25 U | 25 U | 25 U | -- | -- | -- | 480 | 50 U | 50 U | | | |
| | 7/26/2002 | K | 10 U | 10 U | 10 U | 20 U | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 170 | 320 | 20 U | 20 U | 13 | -- | 360 | 380 | 10 U | 10 U | 10 U | 130 | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 570 | 20 U | 20 U | | | |
| | 10/24/2002 | | 10 U | 10 U | 10 U | 20 U | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 300 | 230 | 20 U | 20 U | 23 | -- | 530 | 190 | 10 U | 10 U | 10 U | 140 | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 530 | 20 U | 20 U | | | |
| | 10/24/2002 | K | 10 U | 10 U | 10 U | 20 U | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 360 | 270 | 20 U | 20 U | 28 | -- | 630 | 210 | 10 U | 10 U | 10 U | 160 | -- | 10 U | 10 U | 12 | 10 U | 10 U | -- | -- | -- | 640 | 20 U | 20 U | | | |
| | 1/9/2003 | | 2.5 U | 5 U | 5 U | 10 U | 5 U | 5 U | 5 U | -- | 5 U | 5 U | 5 U | 5 U | 2.5 U | 150 | 160 | 5 U | 5 U | 12 | 5 U | 290 | 100 | 5 U | 5 U | 5 U | 100 | 25 U | 5 U | 5 U | 9.6 | 5 U | 5 U | 5 U | 5 U | 5 U | 390 | 5 U | 2.5 U | | | |
| | 1/9/2003 | K | 2.5 U | 5 U | 5 U | 10 U | 5 U | 5 U | 5 U | -- | 5 U | 5 U | 5 U | 5 U | 2.5 U | 150 | 170 | 5 U | 5 U | 11 | 5 U | 290 | 110 | 5 U | 5 U | 5 U | 100 | 25 U | 5 U | 5 U | 9 | 5 U | 5 U | 5 U | 5 U | 5 U | 390 | 5 U | 2.5 U | | | |
| | 4/25/2003 | | 2.5 U | 5 U | 5 U | 10 U | 5 U | 5 U | 5 U | -- | 5 U | 5 U | 5 U | 5 U | 2.5 U | 80 | 25 U | 5 U | 5 U | 12 | 5 U | 180 | 180 | 5 U | 5 U | 5 U | 55 | 25 U | 5 U | 5 U | 6 | 5.6 | 5 U | 5 U | 5 U | 5 U | 240 | 5 U | 2.5 U | | | |
| | 4/25/2003 | K | 2.5 U | 5 U | 5 U | 10 U | 5 U | 5 U | 5 U | -- | 5 U | 5 U | 5 U | 5 U | 2.5 U | 86 | 25 U | 5 U | 5 U | 13 | 5 U | 200 | 170 | 5 U | 5 U | 5 U | 58 | 25 U | 5 U | 5 U | 5.5 | 5.8 | 5 U | 5 U | 5 U | 5 U | 250 | 5 U | 2.5 U | | | |
| | 7/31/2003 | | 5 U | 10 U | 10 U | 20 U | 10 U | 10 U | 10 U | -- | 10 U | 10 U | 10 U | 10 U | 5 U | 160 | 84 | 10 U | 10 U | 20 | 10 U | 370 | 330 | 10 U | 10 U | 10 U | 120 | 50 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 480 | 10 U | 5 U | | | |

**Table C-2**
**Phibro-Tech, Inc.**
**Historical Groundwater Analytical Results**
**Volatile Organic Compounds (VOCs) Analytical Summary**

| | | | Non-chlorinated VOCs | | | | | | | | | | Chlorinated VOCs | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Well Number | Sample Date | Sample Type | Ben (1) | Tol (150) | e-Ben (300) | T-Xyl (1,750) | N-P Ben | ISB | NAP | 1,4-Diox | PIPT | STY (0.1) | BDCM | Chloro benzene (70) | CCl4 (0.5) | CFM (80) | MCL (5) | Chloro-ethane | Chloro-methane | cis-1,2-DCE (6) | 1,2-DBE (0.05) | 1,1-DCA (5) | 1,2-DCA (0.5) | 1,2-DCB (600) | 1,3-DCB | 1,4-DCB (5) | 1,1-DCE (6) | DCFM | trans-1,2-DCE (10) | 1,1,2,2-PCA (1) | PCE (5) | 1,1,1-TCA (200) | 1,1,2-TCA (5) | 1,2,3-TCB | 1,2,4-TCB (5) | 1,2,4-TMB | TCE (5) | TFM (150) | Vinyl chloride (0.5) |
| MW-09 | 7/31/2003 | K | 2.5 U | 5 U | 5 U | 10 U | 5 U | 5 U | 5 U | -- | 5 U | 5 U | 5 U | 5 U | 2.5 U | 170 | 81 | 5 U | 5 U | 22 | 5 U | 390 | 310 | 5 U | 5 U | 5 U | 120 | 25 U | 5 U | 5 U | 9 | 7.2 | 5 U | 5 U | 5 U | 5 U | 460 | 5 U | 2.5 U |
| | 10/22/2003 | | 5 U | 10 U | 10 U | 20 U | 10 U | 10 U | 10 U | -- | 10 U | 10 U | 10 U | 10 U | 5 U | 74 | 190 | 10 U | 10 U | 10 U | 10 U | 130 | 140 | 10 U | 10 U | 10 U | 38 | 50 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 150 | 10 U | 5 U |
| | 10/22/2003 | K | 1 U | 2 U | 2 U | 4 U | 2 U | 2 U | 2 U | -- | 2 U | 2 U | 2 U | 2 U | 1 U | 66 | 140 | 2 U | 2 U | 4.3 | 2 U | 120 | 140 | 2 U | 2 U | 2 U | 32 | 10 U | 2 U | 2 U | 4.1 | 2 U | 2 U | 2 U | 2 U | 2 U | 130 | 2 U | 1 U |
| | 1/23/2004 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1.6 | 0.5 U | 38 | 14 | 1 U | 1 U | 4.9 | 1 U | 94 | 26 | 1 U | 1 U | 1 U | 27 | 5 U | 1 U | 1 U | 5.6 | 1.4 | 1 U | 1 U | 1 U | 1 U | 95 | 1 U | 0.5 U |
| | 1/23/2004 | K | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1.7 | 0.5 U | 41 | 12 | 1 U | 1 U | 5.5 | 1 U | 99 | 26 | 1 U | 1 U | 1 U | 28 | 5 U | 1 U | 1 U | 5.9 | 1.7 | 1 U | 1 U | 1 U | 1 U | 100 | 1 U | 0.5 U |
| | 4/21/2004 | | 1 U | 2 U | 2 U | 4 U | 2 U | 2 U | 2 U | -- | 2 U | 2 U | 2 U | 2.1 | 1 U | 73 | 71 | 2 U | 2 U | 7.7 | 2 U | 200 | 30 | 2 U | 2 U | 2 U | 62 | 10 U | 2 U | 2 U | 5.4 | 2 U | 2 U | 2 U | 2 U | 2 U | 190 | 2 U | 1 U |
| | 4/21/2004 | K | 1 U | 2 U | 2 U | 4 U | 2 U | 2 U | 2 U | -- | 2 U | 2 U | 2 U | 2.2 | 1 U | 76 | 70 | 2 U | 2 U | 7.8 | 2 U | 190 | 28 | 2 U | 2 U | 2 U | 68 | 10 U | 2 U | 2 U | 6.8 | 2 U | 2 U | 2 U | 2 U | 2 U | 220 | 2 U | 1 U |
| | 7/21/2004 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1.8 | 0.5 U | 24 | 78 | 1 U | 1 U | 3.8 | 1 U | 110 | 18 | 1 U | 1 U | 1 U | 53 | 5 U | 1 U | 1 U | 5 | 1 | 1 U | 1 U | 1 U | 1 U | 130 | 1 U | 0.5 U |
| | 7/21/2004 | K | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1.8 | 0.5 U | 24 | 76 | 1 U | 1 U | 4 | 1 U | 120 | 20 | 1 U | 1 U | 1 U | 55 | 5 U | 1 | 1 U | 5 | 1.1 | 1 U | 1 U | 1 U | 1 U | 130 | 1 U | 0.5 U |
| | 10/12/2004 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 3 | 5 U | 1 U | 1 U | 3 | 1 U | 69 | 3.6 | 1 U | 1 U | 1 U | 15 | 5 U | 1 U | 1 U | 3.5 | 1.2 | 1 U | 1 U | 1 U | 1 U | 57 | 1 U | 0.5 U |
| | 10/12/2004 | K | 0.5 | 1 M1,U | 1 M1,U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 | 0.5 U | 3.5 | 5 U | 1 U | 1 U | 3.4 | 1 U | 69 | 3.9 | 1 U | 1 U | 1 M1,U | 17 | 5 U | 1 U | 1 U | 4.2 | 1.3 | 1 U | 1 U | 1 M1,U | 1 U | 61 | 1 U | 0.5 U |
| | 1/27/2005 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 7.2 | 5 U | 1 U | 1 U | 1.1 | 1 U | 44 | 0.78 | 1 U | 1 U | 1 U | 6.4 | 5 U | 1 U | 1 U | 7.5 | 1 U | 1 U | 1 U | 1 U | 1 U | 41 | 1 U | 0.5 U |
| | 1/27/2005 | K | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 7.4 | 5 U | 1 U | 1 U | 1.1 | 1 U | 44 | 0.87 | 1 U | 1 U | 1 U | 6.6 | 5 U | 1 U | 1 U | 7.1 | 1 U | 1 U | 1 U | 1 U | 1 U | 41 | 1 U | 0.5 U |
| | 4/27/2005 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 22 | 5.4 | 1 U | 1 U | 2.6 | 1 U | 79 | 24 | 1 U | 1 U | 1 U | 26 | 5 U | 1 U | 1 U | 4.6 | 1 U | 1 U | 1 U | 1 U | 1 U | 96 | 1 U | 0.5 U |
| | 4/27/2005 | K | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 22 | 5.4 | 1 U | 1 U | 2.6 | 1 U | 78 | 24 | 1 U | 1 U | 1 U | 26 | 5 U | 1 U | 1 U | 4.6 | 1 U | 1 U | 1 U | 1 U | 1 U | 94 | 1 U | 0.5 U |
| | 7/27/2005 | | 1.1 | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 2.2 | 1 U | 0.5 U | 64 | 12 | 1.1 | 1 U | 11 | 1 U | 170 | 43 | 1 U | 1 U | 1 U | 52 | 5 U | 1.8 | 1 U | 6.8 | 2.8 | 1 U | 1 U | 1 U | 1 U | 190 | 1 U | 0.5 U |
| | 7/27/2005 | K | 2 U | 4 U | 4 U | 8 U | 4 U | 4 U | 4 U | -- | 4 U | 4 U | 4 U | 4 U | 2 U | 85 | 20 U | 4 U | 4 U | 13 | 4 U | 260 | 59 | 4 U | 4 U | 4 U | 69 | 20 U | 4 U | 4 U | 7.6 | 4 U | 4 U | 4 U | 4 U | 4 U | 290 | 4 U | 2 U |
| | 10/20/2005 | | 3.5 | 4 U | 4 U | 8 U | 4 U | 8.4 | 4 U | -- | 4 U | 4 U | 4 U | 4 U | 2 U | 110 | 32 | 4 U | 4 U | 21 | 4 U | 330 | 290 | 4 U | 4 U | 4 U | 80 | 20 U | 4 U | 4 U | 9.2 | 10 | 4 U | 4 U | 4 U | 4 U | 380 | 4 U | 2 U |
| | 10/20/2005 | K | 3.3 | 4 U | 4.1 | 8 U | 4 U | 9.8 | 4 U | -- | 4 U | 4 U | 4 U | 4 U | 2 U | 94 | 28 | 4 U | 4 U | 17 | 4 U | 290 | 290 | 4 U | 4 U | 4 U | 72 | 20 U | 4 U | 4 U | 8.4 | 7.4 | 4 U | 4 U | 4 U | 4 U | 350 | 4 U | 2 U |
| | 1/27/2006 | | 2.5 U | 5 U | 5 U | 10 U | 5 U | 5 U | 5 U | -- | 5 U | 5 U | 5 U | 5 U | 2.5 U | 90 | 120 | 5 U | 5 U | 14 | 5 U | 320 | 280 | 5 U | 5 U | 5 U | 100 | 25 U | 5 U | 5 U | 8.9 | 5 U | 5 U | 5 U | 5 U | 5 U | 450 | 5 U | 2.5 U |
| | 1/27/2006 | K | 2.5 U | 5 U | 5 U | 10 U | 5 U | 5 U | 5 U | -- | 5 U | 5 U | 5 U | 5 U | 2.5 U | 89 | 120 | 5 U | 5 U | 13 | 5 U | 320 | 280 | 5 U | 5 U | 5 U | 98 | 25 U | 5 U | 5 U | 8.4 | 5 U | 5 U | 5 U | 5 U | 5 U | 430 | 5 U | 2.5 U |
| | 4/26/2006 | | 2.5 U | 5 U | 5 U | 10 U | 5 U | 5 U | 5 U | -- | 5 U | 5 U | 5 U | 5 U | 2.5 U | 86 | 56 | 5 U | 5 U | 10 | 5 U | 330 | 360 | 5 U | 5 U | 5 U | 81 | 25 U | 5 U | 5 U | 11 | 5 U | 5 U | 5 U | 5 U | 5 U | 470 | 5 U | 2.5 U |
| | 4/26/2006 | K | 1.2 | 1 U | 1 U | 2 U | 1 M1,U | 1 U | 1 R,U | -- | 1 M1,U | 1 U | 1 M1,U | 1.6 | 0.5 U | 77 | 60 | 1 | 1 U | 11 | 1 U | 390 | 410 | 1 U | 1 U | 1 U | 82 M1 | 5 U | 1.6 | 1 U | 10 | 2.7 M1 | 1.2 | 1 U | 1 U | 1 U | 520 | 1 U | 0.5 U |
| | 7/27/2006 | | 2.5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | -- | 5 U | 5 U | 5 U | 5 U | 2.5 U | 57 | 25 U | 5 U | 5 U | 9.8 | 5 U | 180 | 630 | 5 U | 5 U | 5 U | 44 | 25 U | 5 U | 5 U | 8.2 | 5 U | 5 U | 5 U | 5 U | 5 U | 260 | 5 U | 2.5 U |
| | 7/27/2006 | K | 2.5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | -- | 5 U | 5 U | 5 U | 5 U | 2.5 U | 58 | 25 U | 5 U | 5 U | 10 | 5 U | 180 | 710 | 5 U | 5 U | 5 U | 45 | 25 U | 5 U | 5 U | 9.2 | 5 U | 5 U | 5 U | 5 U | 5 U | 280 | 5 U | 2.5 U |
| | 10/26/2006 | | 1 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 | 0.5 U | 68 | 79 | 1 U | 1 U | 9.3 | 1 U | 190 | 260 | 1 U | 1 U | 1 U | 52 | 5 U | 1.4 | 1 U | 5.5 | 1.4 | 1 U | 1 U | 1 U | 1 U | 430 | 1 U | 0.5 U |
| | 10/26/2006 | K | 1.2 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1.1 | 0.5 U | 74 | 79 | 1 U | 1 U | 11 | 1 U | 210 | 270 | 1 U | 1 U | 1 U | 58 | 5 U | 1.9 | 1 U | 6.7 | 2 | 1.2 | 1 U | 1 U | 1 U | 420 | 1 U | 0.5 U |
| | 1/18/2007 | | 0.97 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1.1 | 0.5 U | 67 | 58 | 1 U | 1 U | 9.8 | 1 U | 190 | 230 | 1 U | 1 U | 1 U | 35 | 5 U | 1.7 | 1 U | 6.8 | 1.3 | 1.1 | 1 U | 1 U | 1 U | 230 | 1 U | 0.5 U |
| | 1/18/2007 | K | 0.95 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 | 0.5 U | 63 | 54 | 1 U | 1 U | 9.1 | 1 U | 180 | 220 | 1 U | 1 U | 1 U | 33 | 5 U | 1.6 | 1 U | 6.6 | 1.3 | 1.1 | 1 U | 1 U | 1 U | 230 | 1 U | 0.5 U |
| | 4/18/2007 | | 2.5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | -- | 5 U | 5 U | 5 U | 5 U | 2.5 U | 68 | 25 U | 5 U | 5 U | 9.8 | 5 U | 200 | 470 | 5 U | 5 U | 5 U | 46 | 25 U | 5 U | 5 U | 8.7 | 5 U | 5 U | 5 U | 5 U | 5 U | 290 | 5 U | 2.5 U |
| | 4/18/2007 | K | 2.5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | -- | 5 U | 5 U | 5 U | 5 U | 2.5 U | 65 | 25 U | 5 U | 5 U | 9.2 | 5 U | 190 | 440 | 5 U | 5 U | 5 U | 43 | 25 U | 5 U | 5 U | 7.2 | 5 U | 5 U | 5 U | 5 U | 5 U | 260 | 5 U | 2.5 U |
| | 7/27/2007 | | 1.7 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1.3 | 0.5 U | 99 | 23 | 1.1 | 1 U | 19 | 1 U | 260 MHA | 450 | 1 U | 1 U | 1 U | 49 | 5 U | 3.6 | 1 U | 8 | 4.1 | 1.8 | 1 U | 1 U | 1 U | 330 | 1 U | 0.5 U |
| | 7/27/2007 | K | 1.7 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1.4 | 0.5 U | 110 | 25 | 1.4 | 1 U | 22 | 1 U | 280 | 450 | 1 U | 1 U | 1 U | 53 | 5 U | 3.9 | 1 U | 8.4 | 4.5 | 1.7 | 1 U | 1 U | 1 U | 320 | 1 U | 0.5 U |
| | 10/25/2007 | | 2.5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | -- | 5 U | 5 U | 5 U | 5 U | 2.5 U | 120 | 290 | 5 U | 5 U | 7.1 | 5 U | 220 | 330 | 5 U | 5 U | 5 U | 50 | 25 U | 5 U | 5 U | 7.6 | 5 U | 5 U | 5 U | 5 U | 5 U | 270 | 5 U | 2.5 U |
| | 10/25/2007 | K | 2.5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | -- | 5 U | 5 U | 5 U | 5 U | 2.5 U | 130 | 320 | 5 U | 5 U | 7.8 | 5 U | 240 | 370 | 5 U | 5 U | 5 U | 52 | 25 U | 5 U | 5 U | 7.5 | 5 U | 5 U | 5 U | 5 U | 5 U | 280 | 5 U | 2.5 U |
| | 1/31/2008 | | 2 U | 4 U | 4 U | 4 U | 4 U | 4 U | 4 U | -- | 4 U | 4 U | 4 U | 4 U | 2 U | 81 | 34 | 4 U | 4 U | 9.6 | 4 U | 180 | 35 | 4 U | 4 U | 4 U | 39 | 20 U | 4 U | 4 U | 7.2 | 4 U | 4 U | 4 U | 4 U | 4 U | 200 | 4 U | 2 U |
| | 1/31/2008 | K | 2.5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | -- | 5 U | 5 U | 5 U | 5 U | 2.5 U | 89 | 25 U | 5 U | 5 U | 8.1 | 5 U | 170 | 50 | 5 U | 5 U | 5 U | 32 | 25 U | 5 U | 5 U | 6.8 | 5 U | 5 U | 5 U | 5 U | 5 U | 180 | 5 U | 2.5 U |
| | 4/24/2008 | | 1.4 | 1 U | 1 U | 1 U | 1 U | 1 L,U | 1 U | -- | 1 U | 1 U | 1 U | 1.5 | 0.5 U | 150 | 30 | 1 U | 1 U | 17 | 1 U | 300 | 60 | 1 U | 1 U | 1 U | 61 | 5 U | 1.9 | 1 U | 10 | 2.9 | 2.2 | 1 U | 1 U | 1 U | 470 | 1 U | 0.5 U |
| | 4/24/2008 | K | 5 U | 10 U | 10 U | 10 U | 10 U | 10 L,U | 10 U | -- | 10 U | 10 U | 10 U | 10 U | 5 U | 150 | 50 U | 10 U | 10 U | 16 | 10 U | 330 | 58 | 10 U | 10 U | 10 U | 57 | 50 U | 10 U | 10 U | 10 | 10 U | 10 U | 10 U | 10 U | 10 U | 360 | 10 U | 5 U |

**Table C-2**
**Phibro-Tech, Inc.**
**Historical Groundwater Analytical Results**
**Volatile Organic Compounds (VOCs) Analytical Summary**

| | | | Non-chlorinated VOCs | | | | | | | | | | Chlorinated VOCs | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Well Number | Sample Date | Sample Type | Ben (1) | Tol (150) | e-Ben (300) | T-Xyl (1,750) | N-P Ben | ISB | NAP | 1,4-Diox | PIPT | STY (0.1) | BDCM | Chloro benzene (70) | CCl4 (0.5) | CFM (80) | MCL (5) | Chloro-ethane | Chloro-methane | cis-1,2-DCE (6) | 1,2-DBE (0.05) | 1,1-DCA (5) | 1,2-DCA (0.5) | 1,2-DCB (600) | 1,3-DCB | 1,4-DCB (5) | 1,1-DCE (6) | DCFM | trans-1,2-DCE (10) | 1,1,2,2-PCA (1) | PCE (5) | 1,1,1-TCA (200) | 1,1,2-TCA (5) | 1,2,3-TCB | 1,2,4-TCB (5) | 1,2,4-TMB | TCE (5) | TFM (150) | Vinyl chloride (0.5) |
| MW-09 | 7/29/2008 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 36 | 6 | 1 U | 1 U | 3.6 | 1 U | 81 | 21 | 1 U | 1 U | 1 U | 23 | 5 U | 1 U | 1 U | 6.6 | 1 U | 1 U | 1 U | 1 U | 1 U | 110 | 1 U | 0.5 U |
| | 7/29/2008 | K | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 35 | 5.9 | 1 U | 1 U | 3.3 | 1 U | 78 | 21 | 1 U | 1 U | 1 U | 24 | 5 U | 1 U | 1 U | 6.5 | 1 U | 1 U | 1 U | 1 U | 1 U | 110 | 1 U | 0.5 U |
| MW-10 | 1/15/1989 | | 0.5 U | 0.5 U | 0.54 | -- | -- | -- | -- | -- | -- | -- | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | -- | -- | 2.8 | 3.7 | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 1.2 | 0.2 U | 0.2 U | -- | -- | -- | 32 | 0.2 U | 0.2 U |
| | 4/25/1989 | | 0.7 U | 1 U | 1 U | 7 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 5 | 1 U | 1 U | -- | -- | -- | 23 | 1 U | 1 U |
| | 7/15/1989 | | 7 U | 10 U | 10 U | 30 | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 10 U | 38 | 10 U | 10 U | -- | -- | 12 | 150 | 10 U | 10 U | 10 U | 15 | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 180 | 10 U | 10 U |
| | 10/15/1989 | | 5 U | 10 U | 190 | 10 U | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | 10 U | 50 | 10 U | 10 U | 10 U | 10 U | -- | 10 U | 10 U | 10 U | 10 | 10 U | -- | -- | -- | 70 | 10 U | 10 U |
| | 1/22/1990 | | 5 U | 5 U | 210 | 10 U | -- | -- | -- | -- | -- | -- | 2 U | 5 U | 2 U | 2 U | 20 U | 2 U | 2 U | -- | -- | 9.9 | 80 | 5 U | 5 U | 5 U | 8.4 | 2 U | -- | 2 U | 2 U | 2 U | 2 U | -- | -- | -- | 84 | 20 U | 2 U |
| | 4/12/1990 | | 2.5 U | 2.5 U | 200 | 5 U | -- | -- | -- | -- | -- | -- | 1 U | 2.5 U | 1 U | 1 U | 10 U | 1 U | 1 U | -- | -- | 4.9 | 90 | 2.5 U | 2.5 U | 2.5 U | 5.6 | 1 U | -- | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 93 | 10 U | 1 U |
| | 4/12/1990 | K | 2.5 U | 2.5 U | 700 | 5 U | -- | -- | -- | -- | -- | -- | 1 U | 2.5 U | 1 U | 1 U | 10 U | 1 U | 1 U | -- | -- | 10 | 120 | 2.5 U | 2.5 U | 2.5 U | 5 | 1 U | -- | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 87 | 10 U | 1 U |
| | 7/15/1990 | | 125 U | 200 | 6500 | 1500 | -- | -- | -- | -- | -- | -- | 50 U | 125 U | 50 U | 50 U | 500 U | 50 U | 50 U | 50 U | -- | 50 U | 310 | 125 U | 125 U | 125 U | 50 U | 50 U | 50 U | 50 U | 50 U | 50 U | 50 U | -- | -- | -- | 240 | 500 U | 50 U |
| | 10/15/1990 | | 0.5 U | 330 | 1330 | 980 | -- | -- | -- | -- | -- | -- | 250 U | 250 U | 250 U | 250 U | 250 U | 250 U | 250 U | -- | -- | 250 U | 250 U | 250 U | 250 U | 250 U | 250 U | -- | 250 U | 250 U | 250 U | 250 U | 250 U | -- | -- | -- | 250 U | 250 U | 250 U |
| | 10/15/1990 | K | 100 U | 480 | 1500 | 1600 | -- | -- | -- | -- | -- | -- | 200 U | 200 U | 200 U | 200 U | 200 U | 200 U | 200 U | -- | -- | 200 U | 200 U | 200 U | 200 U | 200 U | 200 U | -- | 200 U | 200 U | 200 U | 200 U | 200 U | -- | -- | -- | 200 U | 200 U | 200 U |
| | 1/15/1991 | | 0.5 U | 1 U | 1 U | 4 | -- | -- | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | -- | -- | -- | -- | 1 U | 220 | -- | -- | -- | 1 U | -- | -- | 1 U | 1 U | -- | -- | -- | -- | -- | 1 U | -- | -- |
| MW-11 | 1/15/1989 | | 0.5 U | 0.5 U | 43 | -- | -- | -- | -- | -- | -- | -- | 0.2 U | 0.2 U | 0.2 U | 0.88 | 1 | 0.2 U | 0.2 U | -- | -- | 3.2 | 21 | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0 2 U | 0.2 U | 0.2 U | -- | -- | -- | 34 | 0.2 U | 0.2 U |
| | 1/15/1989 | K | 0.5 U | 0.5 U | 17 | 1.8 | -- | -- | -- | -- | -- | -- | -- | 0.5 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.5 U | 0.5 U | 0.5 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/15/1989 | | 800 | 7500 | 2600 | 11000 | -- | -- | -- | -- | -- | -- | 500 U | 500 U | 500 U | 500 U | 500 U | 500 U | 500 U | -- | -- | 500 U | 500 U | 500 U | 500 U | 500 U | 500 U | 500 U | 500 U | 500 U | 500 U | 500 U | 500 U | -- | -- | -- | 500 U | 500 U | 500 U |
| | 4/15/1989 | K | 5 U | 1400 | 660 | 740 | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 5 U | 15 | 5 U | 5 U | 5 U | -- | 5 U | 8.8 | 15 | 5 U | 5 U | 5 U | 20 | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 39 | 5 U | 5 U |
| | 7/15/1989 | | 7 U | 10 U | 10 U | 90 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 | 1 | 1 U | 1 U | -- | -- | 4 | 7 | 1 U | 1 U | 1 U | 2 | -- | 1 U | 1 U | 1 | 1 U | 1 U | -- | -- | -- | 29 | 1 U | 1 U |
| | 10/15/1989 | | 5 U | 10 U | 200 | 10 U | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | 10 U | 70 | 10 U | 10 U | 10 U | 10 U | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 35 | 10 U | 10 U |
| | 1/23/1990 | | 5 U | 5 U | 83 | 10 U | -- | -- | -- | -- | -- | -- | 2 U | 5 U | 2 U | 2 U | 20 U | 2 U | 2 U | -- | -- | 5.5 | 28 | 5 U | 5 U | 5 U | 2 U | 2 U | -- | 2 U | 2 U | 2 U | 2 U | -- | -- | -- | 46 | 20 U | 2 U |
| | 4/10/1990 | | 2.5 U | 2.6 | 370 | 150 | -- | -- | -- | -- | -- | -- | 1 U | 2.5 U | 1 U | 1 U | 10 U | 1 U | 1 U | -- | -- | 1 U | 23 | 2.5 U | 2.5 U | 2.5 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 33 | 10 U | 1 U |
| | 7/15/1990 | | 25 U | 440 | 1000 | 760 | -- | -- | -- | -- | -- | -- | 10 U | 25 U | 10 U | 10 U | 100 U | 10 U | 10 U | 10 U | -- | 10 U | 10 U | 25 U | 25 U | 25 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 65 | 100 U | 10 U |
| | 10/15/1990 | | 500 U | 15000 | 3000 | 10000 | -- | -- | -- | -- | -- | -- | 500 U | 500 U | 500 U | 500 U | 500 U | 500 U | 500 U | -- | -- | 500 U | 500 U | 500 U | 500 U | 500 U | 500 U | -- | 500 U | 500 U | 500 U | 500 U | 500 U | -- | -- | -- | 500 U | 500 U | 500 U |
| | 1/15/1991 | | 0.5 U | 15 | 4 | 12 | -- | -- | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | -- | -- | -- | -- | 1 U | 1 U | -- | -- | -- | 1 U | -- | -- | 1 U | 1 U | -- | -- | -- | -- | -- | 1 U | -- | -- |
| | 4/15/1991 | | 100 U | 8500 | 3300 | 7500 | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 10 U | 25 B | 10 U | 10 U | -- | -- | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 63 | 10 U | 10 U |
| | 7/15/1991 | | 0.5 U | 57 | 520 | 22 | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 10 U | 22 | 10 U | 10 U | -- | -- | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 61 | 10 U | 10 U |
| | 10/22/1991 | | 100 U | 140 | 2000 | 660 | -- | -- | -- | -- | -- | -- | 40 U | 100 U | 40 U | 40 U | 400 U | 40 U | 40 U | 40 U | -- | 40 U | 40 U | 100 U | 100 U | 100 U | 40 U | 200 U | 40 U | 40 U | 40 U | 40 U | 40 U | -- | -- | -- | 110 | 400 U | 40 U |
| | 1/15/1992 | | 1 U | 7.3 | 230 | 26 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 8.7 | 1 U | 1 U | 1 U | 1 U | 7.9 | -- | 1 U | 1 U | 1 U | 3.4 | 1 U | -- | -- | -- | 85 | 1 U | 1 U |
| | 4/15/1992 | | 0.5 U | 1.7 | 130 | 2.3 | 0.5 U | 1.2 | 0.5 U | -- | -- | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.3 | 0.5 U | 0.5 U | 0.5 U | 0.77 | 0.5 U | 8.1 | 0.8 | 0.58 | 0.5 U | 0.5 U | 4.7 | 0.5 U | 0.5 U | 0.5 U | 0.78 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 70 | 0.5 U | 0.5 U |
| | 7/15/1992 | | 2.5 U | 5 U | 17 | 5 U | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | 19 | 5 U | 5 U | 5 U | 5 U | 6.1 | -- | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 160 | 5 U | 5 U |
| | 10/15/1992 | | 0.5 U | 1 U | 11 | 1 U | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 1 U | 1 U | 5 | 5 U | 5 U | -- | -- | 18 | 1 U | 5 U | 5 U | 5 U | 7.9 | -- | 1 U | 5 U | 1 U | 1 U | 5 U | -- | -- | -- | 160 | 5 U | 5 U |
| | 1/15/1993 | | 1.2 U | 2.4 U | 110 | 2.4 U | -- | -- | -- | -- | -- | -- | 2 U | 2 U | 2 U | 2.1 | 2 U | 2 U | 2 U | -- | -- | 8.5 | 2 U | 2 U | 2 U | 2 U | 4.6 | -- | 2 U | 2 U | 2 U | 2 U | 2 U | -- | -- | -- | 86 | 2 U | 2 U |
| | 4/19/1993 | | 0.5 U | 1 U | 2 | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1.9 | 1.3 B | 1 U | 1 U | -- | -- | 8.1 | 1 U | 1 U | 1 U | 1 U | 4.3 | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 59 | 1 U | 1 U |
| | 7/12/1993 | | 0.5 U | 1.8 | 2.5 | 6.4 | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 10 U | 19 B | 10 U | 10 U | -- | -- | 37 | 10 U | 10 U | 10 U | 10 U | 11 | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 230 | 10 U | 10 U |
| | 10/13/1993 | | 0.5 U | 1 U | 2.1 | 3.1 | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | 27 | 5 U | 5 U | 5 U | 5 U | 7.9 | -- | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 150 | 5 U | 5 U |
| | 1/10/1994 | | 0.5 U | 1 U | 2.5 | 2.8 | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | 25 | 5 U | 5 U | 5 U | 5 U | 12 | -- | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 190 | 5 U | 5 U |
| | 4/12/1994 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 2 U | 2 U | 2 U | 2.2 | 2 U | 2 U | 2 U | -- | -- | 17 | 2 U | 2 U | 2 U | 2 U | 4.9 | -- | 2 U | 2 U | 2 U | 2 U | 2 U | -- | -- | -- | 80 | 2 U | 2 U |
| | 7/18/1994 | | 0.5 U | 1 U | 1 U | 1.6 | -- | -- | -- | -- | -- | -- | 2.5 U | 2.5 U | 2.5 U | 4.4 | 2.5 U | 2.5 U | 2.5 U | -- | -- | 32 | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 12 | -- | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | -- | -- | -- | 180 | 2.5 U | 2.5 U |
| | 10/11/1994 | | 0.5 U | 1 U | 4.5 | 1 U | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | 56 | 10 U | 10 U | 10 U | 10 U | 22 | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 360 | 10 U | 10 U |

# Table C-2
## Phibro-Tech, Inc.
## Historical Groundwater Analytical Results
## Volatile Organic Compounds (VOCs) Analytical Summary

| Well Number | Sample Date | Sample Type | Non-chlorinated VOCs | | | | | | | | | | Chlorinated VOCs | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Ben (1) | Tol (150) | e-Ben (300) | T-Xyl (1,750) | N-P Ben | ISB | NAP | 1,4-Diox | PIPT | STY (0.1) | BDCM | Chloro benzene (70) | CCl4 (0.5) | CFM (80) | MCL (5) | Chloro-ethane | Chloro-methane | cis-1,2-DCE (6) | 1,2-DBE (0.05) | 1,1-DCA (5) | 1,2-DCA (0.5) | 1,2-DCB (600) | 1,3-DCB | 1,4-DCB (5) | 1,1-DCE (6) | DCFM | trans-1,2-DCE (10) | 1,1,2,2-PCA (1) | PCE (5) | 1,1,1-TCA (200) | 1,1,2-TCA (5) | 1,2,3-TCB | 1,2,4-TCB (5) | 1,2,4-TMB | TCE (5) | TFM (150) | Vinyl chloride (0.5) | | |
| MW-11 | 1/17/1995 | | 10 U | 660 | 850 | 1100 | -- | -- | -- | -- | -- | -- | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U | -- | -- | 130 | 20 U | 20 U | 20 U | 20 U | 37 | -- | 20 U | 20 U | 20 U | 20 U | 20 U | -- | -- | -- | 660 | 20 U | 20 U | | |
| | 4/17/1995 | | 50 U | 100 U | 1900 | 1000 | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 10 U | 67 B | 10 U | 10 U | -- | -- | 16 | 10 U | 10 U | 10 U | 10 U | 10 U | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 74 | 10 U | 10 U | | |
| | 7/11/1995 | | 2.5 U | 5 U | 160 | 37 | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 5 U | 6 | 5 U | 5 U | 5 U | -- | -- | 33 | 5 U | 5 U | 5 U | 5 U | 9.2 | -- | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 140 | 5 U | 5 U | | |
| | 10/9/1995 | | 0.5 U | 1 U | 5.8 | 2.2 | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | 44 | 10 U | 10 U | 10 U | 10 U | 13 | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 180 | 10 U | 10 U | | |
| | 1/30/1996 | | 25 U | 520 | 460 | 1000 | -- | -- | -- | -- | -- | -- | 50 U | 50 U | 50 U | 50 U | 50 U | 50 U | 50 U | -- | -- | 250 | 50 U | 50 U | 50 U | 50 U | 60 | -- | 50 U | 50 U | 50 U | 50 U | 50 U | -- | -- | -- | 620 | 50 U | 50 U | | |
| | 4/16/1996 | | 25 U | 160 | 1100 | 1400 | -- | -- | -- | -- | -- | -- | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U | -- | -- | 87 | 71 | 20 U | 20 U | 20 U | 31 | -- | 20 U | 20 U | 20 U | 20 U | 20 U | -- | -- | -- | 240 | 20 U | 20 U | | |
| | 7/15/1996 | | 10 U | 20 U | 460 | 290 | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | 50 | 81 | 10 U | 10 U | 10 U | 17 | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 220 | 10 U | 10 U | | |
| | 10/8/1996 | | 0.5 U | 1.9 | 20 | 8 | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | 53 | 33 | 10 U | 10 U | 10 U | 13 | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 250 | 10 U | 10 U | | |
| | 1/14/1997 | | 0.5 U | 9.4 | 84 | 88 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 4.4 | 1 U | 1 U | 1 U | -- | -- | 27 | 4.3 | 1 U | 1 U | 1 U | 16 | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 160 | 1 U | 1 U | | |
| | 4/16/1997 | | 2.5 U | 5 U | 120 | 8.2 | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 5 U | 9.6 | 5 U | 5 U | 5 U | -- | -- | 73 | 12 | 5 U | 5 U | 5 U | 26 | -- | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 370 | 5 U | 5 U | | |
| | 7/9/1997 | | 2.5 U | 5 U | 8.3 | 5 U | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 5 U | 8.3 | 5 U | 5 U | 5 U | -- | -- | 56 | 6 | 5 U | 5 U | 5 U | 18 | -- | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 240 | 5 U | 5 U | | |
| | 10/15/1997 | | 2.5 U | 5 U | 5 U | 5 U | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 5 U | 12 | 5 U | 5 U | 5 U | -- | -- | 100 | 5 U | 5 U | 5 U | 5 U | 40 | -- | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 350 | 5 U | 5 U | | |
| | 1/14/1998 | | 12 U | 770 | 1800 | 2200 | -- | -- | -- | -- | -- | -- | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | -- | -- | 56 | 25 U | 25 U | 25 U | 25 U | 28 | -- | 25 U | 25 U | 25 U | 25 U | 25 U | -- | -- | -- | 390 | 25 U | 25 U | | |
| | 4/22/1998 | | 1.2 U | 63 | 150 | 210 | -- | -- | -- | -- | -- | -- | 2.5 U | 2.5 U | 2.5 U | 5.2 | 2.5 U | 2.5 U | 2.5 U | -- | -- | 34 | 19 | 2.5 U | 2.5 U | 2.5 U | 19 | -- | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | -- | -- | -- | 180 | 2.5 U | 2.5 U | | |
| | 7/15/1998 | | 1.2 U | 2.5 U | 41 | 4.8 | -- | -- | -- | -- | -- | -- | 2.5 U | 2.5 U | 2.5 U | 5.8 | 2.5 U | 2.5 U | 2.5 U | -- | -- | 29 | 4.2 | 2.5 U | 2.5 U | 2.5 U | 12 | -- | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | -- | -- | -- | 150 | 2.5 U | 2.5 U | | |
| | 10/20/1998 | | 5 U | 10 U | 10 U | 10 U | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 16 | 10 U | 10 U | 10 U | -- | -- | 100 | 10 U | 10 U | 10 U | 10 U | 33 | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 430 | 10 U | 10 U | | |
| | 1/15/1999 | | 6.2 U | 260 | 750 | 970 | -- | -- | -- | -- | -- | -- | 12 U | 12 U | 12 U | 26 | 12 U | 12 U | 12 U | -- | -- | 190 | 17 | 12 U | 12 U | 12 U | 59 | -- | 12 U | 12 U | 12 U | 12 U | 12 U | -- | -- | -- | 690 | 12 U | 12 U | | |
| | 1/15/1999 | K | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 70 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | | |
| | 4/15/1999 | | 25 U | 670 | 1600 | 1270 | -- | -- | -- | -- | -- | -- | 25 U | 25 U | 25 U | 25 U | 25 U | 50 U | 50 U | 25 U | -- | 70 | 28 | 25 U | 25 U | 25 U | 29 | -- | 25 U | 25 U | 25 U | 25 U | 25 U | -- | -- | -- | 480 | 50 U | 50 U | | |
| | 7/15/1999 | | 10 U | 10 U | 85 | 10 U | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 30 | 10 U | 20 U | 20 U | 28 | -- | 250 | 12 | 10 U | 10 U | 10 U | 69 | -- | 10 U | 10 U | 25 | 17 | 10 U | -- | -- | -- | 740 | 20 U | 20 U | | |
| | 10/15/1999 | | 10 U | 10 U | 480 | 52 | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 18 | 10 U | 20 U | 20 U | 21 | -- | 110 | 110 | 10 U | 10 U | 10 U | 56 | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 650 | 20 U | 20 U | | |
| | 1/25/2000 | | 12 U | 12 U | 12 U | 24 U | -- | -- | -- | -- | -- | -- | 12 U | 12 U | 12 U | 29 | 12 U | 25 U | 25 U | 50 | -- | 230 | 22 | 12 U | 12 U | 12 U | 100 | -- | 12 U | 12 U | 22 | 12 U | 12 U | -- | -- | -- | 820 | 25 U | 25 U | | |
| | 4/15/2000 | | 12 U | 12 U | 55 | 17 | -- | -- | -- | -- | -- | -- | 12 U | 12 U | 12 U | 30 | 12 U | 25 U | 25 U | 54 | -- | 220 | 65 | 12 U | 12 U | 12 U | 98 | -- | 12 U | 12 U | 12 U | 12 U | 12 U | -- | -- | -- | 1100 | 25 U | 25 U | | |
| | 10/15/2000 | | 50 U | 50 U | 50 U | 50 U | -- | -- | -- | -- | -- | -- | 50 U | 50 U | 980 | 910 | 50 U | 100 U | 100 U | 50 U | -- | 360 | 220 | 50 U | 50 U | 50 U | 480 | -- | 50 U | 50 U | 69 | 50 U | 50 U | -- | -- | -- | 2900 | 100 U | 100 U | | |
| | 4/15/2001 | | 25 U | 25 U | 48 | 25 U | -- | -- | -- | -- | -- | -- | 25 U | 25 U | 25 U | 54 | 25 U | 50 U | 50 U | 51 | -- | 370 | 25 U | 25 U | 25 U | 25 U | 140 | -- | 25 U | 25 U | 25 U | 25 U | 25 U | -- | -- | -- | 1700 | 50 U | 50 U | | |
| | 7/17/2001 | | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 5.1 | -- | -- | 5 U | 5 U | 5 U | 9.9 | 5 U | 10 U | 10 U | 9 | -- | 67 | 5 U | 5.7 | 5 U | 5 U | 30 | -- | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 400 | 10 U | 10 U | | |
| | 10/18/2001 | | 25 U | 25 U | 90 | 122 | -- | -- | -- | 12 | -- | -- | 25 U | 25 U | 25 U | 50 | 25 U | 50 U | 50 U | 51 | -- | 410 | 25 U | 25 U | 25 U | 25 U | 98 | -- | 25 U | 25 U | 25 U | 27 | 25 U | -- | -- | -- | 1500 | 50 U | 50 U | | |
| | 1/17/2002 | | 25 U | 31 | 1900 | 530 | -- | -- | -- | -- | -- | -- | 25 U | 25 U | 25 U | 25 U | 25 U | 50 U | 50 U | 54 | -- | 120 | 25 U | 25 U | 25 U | 25 U | 44 | -- | 25 U | 25 U | 25 U | 25 U | 25 U | -- | -- | -- | 630 | 50 U | 50 U | | |
| | 4/18/2002 | | 25 U | 25 U | 300 | 50 U | -- | -- | -- | -- | -- | -- | 25 U | 25 U | 25 U | 44 | 25 U | 50 U | 50 U | 66 | -- | 360 | 25 U | 25 U | 25 U | 25 U | 89 | -- | 25 U | 25 U | 25 U | 27 | 25 U | -- | -- | -- | 1300 | 50 U | 50 U | | |
| | 7/26/2002 | | 50 U | 50 U | 50 U | 100 U | -- | -- | -- | -- | -- | -- | 50 U | 50 U | 50 U | 50 U | 50 U | 100 U | 100 U | 58 | -- | 410 | 50 U | 50 U | 50 U | 50 U | 110 | -- | 50 U | 50 U | 50 U | 50 U | 50 U | -- | -- | -- | 1500 | 100 U | 100 U | | |
| | 10/24/2002 | | 10 U | 10 U | 390 | 20 U | -- | -- | 10 U | -- | -- | -- | 10 U | 10 U | 10 U | 24 | 10 U | 20 U | 20 U | 39 | -- | 140 | 130 | 10 U | 10 U | 10 U | 59 | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | 10 U | -- | 700 | 20 U | 20 U | | |
| | 12/30/2002 | | 1.4 J | 20 U | 31 | 40 U | -- | -- | -- | -- | -- | 20 U | 20 U | 3.5 J | 20 U | 15 J | 20 U | 20 U | 20 U | 22 | 20 U | 110 | 100 | 3.2 J | 20 U | 20 U | 42 | 20 U | 20 U | 20 U | 3.4 J | 20 U | 20 U | -- | -- | -- | 550 | 20 U | 20 U | | |
| | 4/25/2003 | | 2.5 U | 5 U | 5 U | 10 U | 5 U | 5 U | 5 U | -- | 5 U | 5 U | 5 U | 5 U | 2.5 U | 13 | 25 U | 5 U | 5 U | 29 | 5 U | 120 | 16 | 5 U | 5 U | 5 U | 40 | 25 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 410 | 5 U | 2.5 U | | |
| | 7/31/2003 | | 5 U | 10 U | 210 | 94 | 10 U | 10 U | 10 U | -- | 10 U | 10 U | 10 U | 10 U | 5 U | 50 | 50 U | 10 U | 10 U | 44 | 10 U | 370 | 5.4 | 10 U | 10 U | 10 U | 96 | 50 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 1100 | 10 U | 5 U | | |
| | 10/23/2003 | | 20 U | 20 U | 710 | 40 U | -- | -- | 9.9 U | -- | -- | 20 U | 20 U | 20 U | 50 U | 20 U | 50 U | 50 U | 50 U | 46 | -- | 56 | 300 | 20 U | 20 U | 20 U | 50 U | 50 U | 20 U | 20 U | 20 U | 20 U | 20 U | -- | 9.9 U | -- | 380 | 50 U | 50 U | | |
| | 1/23/2004 | | 1 U | 2 U | 24 | 4 U | 2 U | 2 U | 2 U | -- | 2 U | 2 U | 2 U | 2 U | 1 U | 4.7 | 10 U | 2 U | 2 U | 24 | 2 U | 37 | 22 | 2 U | 2 U | 2 U | 15 | 10 U | 2 U | 2 U | 2.6 | 2 U | 2 U | 2 U | 2 U | 2 U | 190 | 2 U | 1 U | | |
| | 4/21/2004 | | 1 U | 2 U | 3.6 | 4 U | 2 U | 2 U | 2 U | -- | 2 U | 2 U | 2 U | 2 U | 1 U | 6.2 | 10 U | 2 U | 2 U | 8.2 | 2 U | 40 | 24 | 2 U | 2 U | 2 U | 16 | 10 U | 2 U | 2 U | 3.3 | 2 U | 2 U | 2 U | 2 U | 2 U | 250 | 2 U | 1 U | | |
| | 7/21/2004 | | 0.5 | 1 U | 84 | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 3.4 | 5 U | 1 U | 1 U | 15 | 1 U | 29 | 60 | 1 U | 1 U | 1 U | 16 | 5 U | 1 U | 1 U | 3.4 | 1 U | 1 U | 1 U | 1 U | 1 U | 190 | 1 U | 0.5 U | | |
| | 10/12/2004 | | 2 U | 2 U | 29 | 4 U | -- | -- | 9.6 U | -- | -- | 2 U | 2 U | 2 U | 5 U | 3.5 | 5 U | 5 U | 5 U | 13 | -- | 40 | 21 | 2 U | 2 U | 2 U | 13 | 5 U | 2 U | 2 U | 4.2 | 2 U | 2 U | -- | 9.6 U | -- | 180 | 5 U | 5 U | | |

**Table C-2**
**Phibro-Tech, Inc.**
**Historical Groundwater Analytical Results**
**Volatile Organic Compounds (VOCs) Analytical Summary**

| Well Number | Sample Date | Sample Type | Non-chlorinated VOCs | | | | | | | | | | Chlorinated VOCs | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Ben (1) | Tol (150) | e-Ben (300) | T-Xyl (1,750) | N-P Ben | ISB | NAP | 1,4-Diox | PIPT | STY (0.1) | BDCM | Chloro benzene (70) | CCl4 (0.5) | CFM (80) | MCL (5) | Chloro-ethane | Chloro-methane | cis-1,2-DCE (6) | 1,2-DBE (0.05) | 1,1-DCA (5) | 1,2-DCA (0.5) | 1,2-DCB (600) | 1,3-DCB | 1,4-DCB (5) | 1,1-DCE (6) | DCFM | trans-1,2-DCE (10) | 1,1,2,2-PCA (1) | PCE (5) | 1,1,1-TCA (200) | 1,1,2-TCA (5) | 1,2,3-TCB | 1,2,4-TCB (5) | 1,2,4-TMB | TCE (5) | TFM (150) | Vinyl chloride (0.5) |
| MW-11 | 1/27/2005 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1.7 | 5 U | 1 U | 1 U | 4.6 | 1 U | 16 | 3 | 1 U | 1 U | 1 U | 7.7 | 5 U | 1 U | 1 U | 5.2 | 1 U | 1 U | 1 U | 1 U | 1 U | 130 | 1 U | 0.5 U |
| | 4/27/2005 | | 5 U | 10 U | 10 U | 20 U | 10 U | 10 U | 10 U | -- | 10 U | 10 U | 10 U | 13 | 5 U | 41 | 50 U | 10 U | 10 U | 34 | 10 U | 290 | 30 | 10 U | 10 U | 10 U | 93 | 50 U | 10 U | 10 U | 12 | 10 U | 10 U | 10 U | 10 U | 10 U | 1200 | 10 U | 5 U |
| | 7/27/2005 | | 10 U | 20 U | 20 U | 40 U | 20 U | 20 U | 20 U | -- | 20 U | 20 U | 20 U | 20 U | 10 U | 40 | 100 U | 20 U | 20 U | 30 | 20 U | 300 | 20 | 20 U | 20 U | 20 U | 87 | 100 U | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U | 1300 | 20 U | 10 U |
| | 10/20/2005 | | 20 U | 20 U | 20 U | 40 U | -- | -- | 10 U | -- | -- | 20 U | 20 U | 20 U | 50 U | 39 | 50 U | 50 U | 50 U | 34 | -- | 240 | 20 U | 20 U | 20 U | 20 U | 70 | 50 U | 20 U | 20 U | 20 U | 20 U | 20 U | -- | 10 U | -- | 810 | 50 U | 50 U |
| | 1/27/2006 | | 5 U | 10 U | 490 | 287 | 10 U | 10 U | 10 U | -- | 10 U | 10 U | 10 U | 10 U | 5 U | 36 | 50 U | 10 U | 10 U | 52 | 10 U | 280 | 13 | 10 U | 10 U | 10 U | 71 | 50 U | 10 U | 10 U | 12 | 10 U | 10 U | 10 U | 10 U | 10 U | 1000 | 10 U | 5 U |
| | 4/26/2006 | | 10 U | 20 U | 1300 | 670 | 20 U | 20 U | 20 U | -- | 20 U | 20 U | 20 U | 20 U | 10 U | 22 | 100 U | 20 U | 20 U | 35 | 20 U | 160 | 19 | 20 U | 20 U | 20 U | 40 | 100 U | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U | 690 | 20 U | 10 U |
| | 7/27/2006 | | 1.4 | 1 U | 78 | 16.1 | 1 U | 1 | 1 U | -- | 1 U | 1 U | 1 U | 4.2 | 0.5 U | 39 | 5 U | 1 U | 1 U | 68 | 1 U | 310 | 4.2 | 5.5 | 1 U | 1.4 | 59 | 5 U | 1 U | 1 U | 13 | 7.3 | 1 U | 1 U | 1 U | 1 U | 930 | 1 U | 0.5 L,U |
| | 10/25/2006 | | 20 U | 54 | 300 | 430 | -- | -- | 9.43 U | 38 | -- | 20 U | 20 U | 20 U | 50 U | 42 | 50 U | 50 U | 50 U | 69 | -- | 320 | 20 U | 20 U | 20 U | 20 U | 54 | 50 La,U | 20 U | 20 U | 20 U | 20 U | 20 U | -- | 9.43 U | -- | 1100 | 50 U | 50 U |
| | 1/17/2007 | | 2.7 | 1.2 | 82 | 23.1 | 1 U | 2.3 | 1 U | -- | 1 U | 1 U | 1 U | 7.1 | 0.5 U | 37 | 5 U | 1 U | 1 U | 160 | 1 U | 310 | 18 | 6.4 | 1 U | 1.6 | 77 | 5 U | 1 U | 1 U | 11 | 4.3 | 1 U | 1 U | 1 U | 1 U | 1100 | 1 U | 0.5 U |
| | 4/18/2007 | | 2.5 | 12 | 120 | 56 | 1 U | 1.3 | 1 U | -- | 1 U | 1 U | 1 U | 4 | 0.5 U | 45 | 5 U | 1 U | 1 U | 110 | 1 U | 360 | 19 | 5.4 | 1 U | 1.4 | 62 | 5 U | 1 U | 1 U | 12 | 8.4 | 1 U | 1 U | 1 U | 1 U | 1200 | 1 U | 0.5 U |
| | 7/25/2007 | | 5 U | 17 | 74 | 67 | 10 U | 10 U | 10 U | -- | 10 U | 10 U | 10 U | 10 U | 5 U | 33 | 50 U | 10 U | 10 U | 190 | 10 U | 270 | 5 | 10 U | 10 U | 10 U | 56 | 50 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 840 | 10 U | 5 U |
| | 10/24/2007 | | 2.9 | 4.8 | 240 | 48 | -- | -- | 9.52 U | -- | -- | 2 U | 2 U | 2.9 | 5 U | 6.2 | 5 U | 5 U | 5 U | 140 | -- | 54 | 230 | 2.9 | 2 U | 2 U | 15 | 5 U | 2 U | 2 U | 3.3 | 2 U | 2 U | -- | 9.52 U | -- | 140 | 5 U | 5 U |
| | 1/30/2008 | | 1.2 U | 2.5 U | 64 | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 8.2 | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 1.2 U | 5.9 | 12 U | 2.5 U | 2.5 U | 26 | 2.5 U | 44 | 100 | 2.5 U | 2.5 U | 2.5 U | 13 | 12 U | 2.5 U | 2.5 U | 5.3 | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 240 | 2.5 U | 1.2 U |
| | 4/23/2008 | | 2 U | 4 U | 4 U | 4 U | 4 U | 4 L,U | 4 U | -- | 4 U | 4 U | 4 U | 4 U | 2 U | 7.8 | 20 U | 4 U | 4 U | 30 | 4 U | 73 | 100 | 4 U | 4 U | 4 U | 24 | 20 U | 4 U | 4 U | 5.4 | 4 U | 4 U | 4 U | 4 U | 4 U | 330 | 4 U | 2 U |
| | 7/30/2008 | | 2.5 U | 5 U | 500 | 5 U | 5 U | 5 U | 5 U | -- | 5 U | 5 U | 5 U | 5 U | 2.5 U | 5 U | 25 U | 5 U | 5 U | 30 | 5 U | 41 | 220 | 5 U | 5 U | 5 U | 14 | 25 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 220 | 5 U | 2.5 U |
| MW-12D | 10/15/1990 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | 10 U | 500 U | -- | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 10 U | 10 U | -- | 10 U | 5 U | 5 U | 10 U | 10 U | 10 U | 5 U | 20 U | 5 U | 5 U | 5 U | 5 U | 5 U | -- | 10 U | -- | 5 U | 5 U | 10 U |
| | 1/15/1991 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | -- | -- | -- | -- | 1 U | 1 U | -- | -- | -- | 1 U | -- | -- | 1 U | 1 U | -- | -- | -- | -- | -- | 1 U | -- | -- |
| MW-12S | 10/15/1990 | | 0.5 U | 1 U | 11 | 1 U | -- | -- | 13 U | 500 U | -- | 11 | 5 U | 5 U | 5 U | 5 U | 5 U | 10 U | 10 U | -- | 10 U | 5 U | 35 | 13 U | 13 U | 13 U | 5 U | 20 U | 5 U | 5 U | 5 U | 5 U | 5 U | -- | 13 U | -- | 8.6 | 5 U | 10 U |
| | 1/15/1991 | | 0.5 U | 1 U | 4.5 | 1 U | -- | -- | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | -- | -- | -- | -- | 1 U | 27 | -- | -- | -- | 1 U | -- | -- | 1 U | 1 U | -- | -- | -- | -- | -- | 10 | -- | -- |
| MW-13D | 10/15/1990 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 2.6 | 1 U | 1 U |
| | 1/15/1991 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | -- | -- | -- | -- | 1 U | 1 U | -- | -- | -- | 1 U | -- | -- | 1 U | 1 U | -- | -- | -- | -- | -- | 1.5 | -- | -- |
| MW-13S | 10/15/1990 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1.5 | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 23 | 1 U | 1 U |
| | 1/15/1991 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | -- | -- | -- | -- | 1.6 | 1 U | -- | -- | -- | 1 U | -- | -- | 3 | 1 U | -- | -- | -- | -- | -- | 7.8 U | -- | -- |
| | 7/14/1993 | | 0.5 U | 4 | 16 | 27 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 2.3 B | 1 U | 1 U | -- | -- | 35 | 19 | 1 U | 1 U | 1 U | 3.3 | -- | 3.9 | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 30 | 1 U | 1 U |
| | 10/15/1993 | | 0.5 U | 1 U | 13 | 3 | -- | -- | -- | -- | -- | -- | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | -- | -- | 9.7 | 71 | 2 U | 2 U | 2 U | 2 U | -- | 2 U | 2 U | 2 U | 2 U | 2 U | -- | -- | -- | 18 | 2 U | 2 U |
| MW-14D | 10/15/1990 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 1.5 | 1 U | 1 U |
| | 1/15/1991 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | -- | -- | -- | -- | 1 U | 1 U | -- | -- | -- | 1 U | -- | -- | 1 U | 1 U | -- | -- | -- | -- | -- | 1.6 | -- | -- |
| MW-14S | 10/15/1990 | | 0.5 U | 1 U | 1750 | 1 U | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 10 U | 40 | 10 U | 10 U | -- | -- | 20 | 48 | 10 U | 10 U | 10 U | 28 | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 180 | 10 U | 10 U |
| | 1/15/1991 | | 0.5 U | 1 U | 2 | 1 U | -- | -- | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 13 | -- | -- | -- | -- | 13 | 38 | -- | -- | -- | 15 | -- | -- | 1 U | 1 U | -- | -- | -- | -- | -- | 108 | -- | -- |
| | 4/15/1991 | | 50 U | 100 U | 3300 | 100 U | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 10 U | 31 B | 10 U | 10 U | -- | -- | 10 U | 24 | 10 U | 10 U | 10 U | 22 | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 84 | 10 U | 10 U |
| | 7/15/1991 | | 0.5 U | 1 U | 31 | 1 U | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 5 U | 5 U | 26 | 5 U | 5 U | -- | -- | 5 U | 12 | 5 U | 5 U | 5 U | 7.2 | -- | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 55 | 5 U | 5 U |
| | 10/23/1991 | | 20 U | 20 U | 410 | 40 U | -- | -- | -- | -- | -- | -- | 8 U | 20 U | 8 U | 8 U | 80 U | 8 U | 8 U | 8 U | -- | 11 | 19 | 20 U | 20 U | 20 U | 15 | 40 U | 8 U | 8 U | 8 U | 8 U | 8 U | -- | -- | -- | 81 | 80 U | 8 U |
| | 10/23/1991 | K | 25 U | 25 U | 370 | 50 U | -- | -- | -- | -- | -- | -- | 10 U | 25 U | 10 U | 10 U | 100 U | 10 U | 10 U | 10 U | -- | 11 | 24 | 25 U | 25 U | 25 U | 14 | 50 U | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 81 | 100 U | 10 U |
| | 1/15/1992 | | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 8.9 | 9.4 | 1 U | 1 U | 1 U | 20 | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 59 | 1 U | 1 U |
| | 4/15/1992 | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | -- | -- | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.6 | 1 | 0.5 U | 0.5 U | 0.86 | 0.5 U | 7 | 5.6 | 0.5 U | 0.5 U | 0.5 U | 11 | 0.5 U | 0.5 U | 0.5 U | 0.6 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 56 | 0.5 U | 0.5 U |
| | 7/15/1992 | | 0.6 | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1.4 | 2.6 | 1 U | 1 U | -- | -- | 4.4 | 1.2 | 1 U | 1 U | 1 U | 5.8 | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 44 | 1 U | 1 U |
| | 7/15/1992 | K | 0.6 | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1.4 | 2.6 | 1 U | 1 U | -- | -- | 4.2 | 1.2 | 1 U | 1 U | 1 U | 5.5 | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 43 | 1 U | 1 U |

## Table C-2
## Phibro-Tech, Inc.
## Historical Groundwater Analytical Results
## Volatile Organic Compounds (VOCs) Analytical Summary

| Well Number | Sample Date | Sample Type | Non-chlorinated VOCs | | | | | | | | | | Chlorinated VOCs | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Ben (1) | Tol (150) | e-Ben (300) | T-Xyl (1,750) | N-P Ben | ISB | NAP | 1,4-Diox | PIPT | STY (0.1) | BDCM | Chloro benzene (70) | CCl4 (0.5) | CFM (80) | MCL (5) | Chloro-ethane | Chloro-methane | cis-1,2-DCE (6) | 1,2-DBE (0.05) | 1,1-DCA (5) | 1,2-DCA (0.5) | 1,2-DCB (600) | 1,3-DCB | 1,4-DCB (5) | 1,1-DCE (6) | DCFM | trans-1,2-DCE (10) | 1,1,2,2-PCA (1) | PCE (5) | 1,1,1-TCA (200) | 1,1,2-TCA (5) | 1,2,3-TCB | 1,2,4-TCB (5) | 1,2,4-TMB | TCE (5) | TFM (150) | Vinyl chloride (0.5) |
| MW-14S | 10/15/1992 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 2 U | 2 U | 1 U | 2.3 | 3.5 | 2 U | 2 U | -- | -- | 8.1 | 3.9 | 2 U | 2 U | 2 U | 9.4 | -- | 1 U | 2 U | 1 U | 1 U | 2 U | -- | -- | -- | 71 | 2 U | 2 U |
| | 1/15/1993 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 5.1 | 2.1 | 1 U | 1 U | -- | -- | 5.3 | 1.8 | 1 U | 1 U | 1 U | 7.4 | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 56 | 1 U | 1 U |
| | 4/22/1993 | | 0.5 U | 24 | 40 | 55 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 2.3 | 3.8 | 1 U | 1 U | 1 U | -- | -- | 1.4 | 1 U | 1 U | 1 U | 1 U | 2.3 | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 18 | 1 U | 1 U |
| | 4/22/1993 | K | 0.5 U | 22 | 39 | 57 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 2.3 | 3.7 | 1.6 B | 1 U | 1 U | -- | -- | 1.5 | 1 U | 1 U | 1 U | 1 U | 2.3 | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 15 | 1 U | 1 U |
| | 7/13/1993 | | 0.5 U | 1.3 | 1.2 | 3.8 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 2.1 | 5.4 | 1.7 B | 1 U | 1 U | -- | -- | 1.9 | 1 U | 1 U | 1 U | 1 U | 2.8 | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 25 | 1 U | 1 U |
| | 10/14/1993 | | 0.5 U | 1 U | 2.1 | 3.7 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 4.4 | 6.2 | 1.4 B | 1 U | 1 U | -- | -- | 2.6 | 1 U | 1 U | 1 U | 1 U | 3.3 | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 25 | 1 U | 1 U |
| | 1/12/1994 | | 0.5 U | 1 U | 3.2 | 1.4 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 4.3 | 6.7 | 1.2 B | 1 U | 1 U | -- | -- | 2.2 | 1 U | 1 U | 1 U | 1 U | 3 | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 21 | 1 U | 1 U |
| | 4/13/1994 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 11 | 16 | 1.2 B | 1 U | 1 U | -- | -- | 2.7 | 1 U | 1 U | 1 U | 1 U | 3.1 | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 29 | 1 U | 1 U |
| | 7/20/1994 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 11 | 8.6 | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1.8 | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 15 | 1 U | 1 U |
| | 10/11/1994 | | 0.53 | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 2 U | 2 U | 12 | 17 | 2 U | 2 U | 2 U | -- | -- | 8 | 2 U | 2 U | 2 U | 2 U | 9.2 | -- | 2 U | 2 U | 2 U | 2 U | 2 U | -- | -- | -- | 58 | 2 U | 2 U |
| | 2/8/1995 | | 50 U | 100 U | 3000 | 690 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 10 | 11 | 1 U | 1 U | 1 U | -- | -- | 7.8 | 3.3 | 1 U | 1 U | 1 U | 6.2 | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 50 | 1 U | 1 U |
| | 4/18/1995 | | 2.5 U | 76 | 120 | 190 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 17 | 16 | 4.2 B | 1 U | 1 U | -- | -- | 2.5 | 1 U | 1 U | 1 U | 1 U | 2.9 | -- | 1 U | 1 U | 1.3 | 1 U | 1 U | -- | -- | -- | 20 | 1 U | 1 U |
| | 7/12/1995 | | 0.5 U | 2.8 | 26 | 12 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 14 | 14 | 1.5 B | 1 U | 1 U | -- | -- | 2.6 | 1 U | 1 U | 1 U | 1 U | 3 | -- | 1 U | 1 U | 1.5 | 1 U | 1 U | -- | -- | -- | 22 | 1 U | 1 U |
| | 10/11/1995 | | 0.5 U | 1 U | 2.1 | 2 | -- | -- | -- | -- | -- | -- | 2 U | 2 U | 28 | 27 | 2.4 | 2 U | 2 U | -- | -- | 4.8 | 2 U | 2 U | 2 U | 2 U | 5.7 | -- | 2 U | 2 U | 2 U | 2 U | 2 U | -- | -- | -- | 35 | 2 U | 2 U |
| | 2/1/1996 | | 1 U | 4.7 | 87 | 58 | -- | -- | -- | -- | -- | -- | 2 U | 2 U | 12 | 11 | 2 U | 2 U | 2 U | -- | -- | 8.8 | 2 U | 2 U | 2 U | 2 U | 6.5 | -- | 2 U | 2 U | 2 U | 2 U | 2 U | -- | -- | -- | 42 | 2 U | 2 U |
| | 4/17/1996 | | 2.5 U | 54 | 120 | 110 | -- | -- | -- | -- | -- | -- | 2 U | 2 U | 32 | 27 | 3.1 | 2 U | 2 U | -- | -- | 7.7 | 6.7 | 2 U | 2 U | 2 U | 7.7 | -- | 2 U | 2 U | 2 U | 2 U | 2 U | -- | -- | -- | 51 | 2 U | 2 U |
| | 7/17/1996 | | 0.58 | 1 U | 20 | 10 | -- | -- | -- | -- | -- | -- | 2 U | 2 U | 26 | 22 | 2 U | 2 U | 2 U | -- | -- | 5.3 | 4.9 | 2 U | 2 U | 2 U | 5.8 | -- | 2 U | 2 U | 2 U | 2 U | 2 U | -- | -- | -- | 37 | 2 U | 2 U |
| | 10/8/1996 | | 0.5 U | 1 U | 13 | 2.9 | -- | -- | -- | -- | -- | -- | 2 U | 2 U | 29 | 20 | 2 U | 2 U | 2 U | -- | -- | 11 | 3.1 | 2 U | 2 U | 2 U | 9.6 | -- | 2 U | 2 U | 2 U | 2 U | 2 U | -- | -- | -- | 61 | 2 U | 2 U |
| | 1/15/1997 | | 2.5 U | 5 U | 470 | 5 U | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 42 | 24 | 5 U | 5 U | 5 U | -- | -- | 19 | 19 | 5 U | 5 U | 5 U | 20 | -- | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 90 | 5 U | 5 U |
| | 4/16/1997 | | 0.58 | 2.9 | 91 | 36 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 26 | 21 | 1.6 | 1 U | 1 U | -- | -- | 9.6 | 9 | 1 U | 1 U | 1 U | 8.3 | -- | 1 U | 1 U | 2.2 | 1 U | 1 U | -- | -- | -- | 45 | 1 U | 1 U |
| | 7/10/1997 | | 0.5 U | 1 U | 14 | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 19 | 17 | 1.4 | 1 U | 1 U | -- | -- | 7.1 | 4.2 | 1 U | 1 U | 1 U | 6.7 | -- | 1 U | 1 U | 4.4 | 1 U | 1 U | -- | -- | -- | 35 | 1 U | 1 U |
| | 10/16/1997 | | 0.5 U | 1 U | 20 | 1.8 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 34 | 25 | 2.3 | 1 U | 1 U | -- | -- | 20 | 1.2 | 1 U | 1 U | 1 U | 17 | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 57 | 1 U | 1 U |
| | 1/15/1998 | | 0.5 U | 1.1 | 19 | 5 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 21 | 11 | 1 U | 1 U | 1 U | -- | -- | 13 | 4.7 | 1 U | 1 U | 1 U | 11 | -- | 1 U | 1 U | 1.2 | 1 U | 1 U | -- | -- | -- | 50 | 1 U | 1 U |
| | 4/23/1998 | | 12 U | 25 U | 1500 | 150 | -- | -- | -- | -- | -- | -- | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | -- | -- | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | -- | 25 U | 25 U | 25 U | 25 U | 25 U | -- | -- | -- | 38 | 25 U | 25 U |
| | 7/15/1998 | | 0.51 | 1 U | 18 | 8.4 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 3.7 | 9.2 | 1.4 | 1 U | 1 U | -- | -- | 5.5 | 12 | 1 U | 1 U | 1 U | 5.8 | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 18 | 1 U | 1 U |
| | 10/21/1998 | | 1.2 U | 2.5 U | 120 | 29 | -- | -- | -- | -- | -- | -- | 2.5 U | 2.5 U | 25 | 20 | 2.5 U | 2.5 U | 2.5 U | -- | -- | 17 | 6 | 2.5 U | 2.5 U | 2.5 U | 13 | -- | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | -- | -- | -- | 62 | 2.5 U | 2.5 U |
| | 1/15/1999 | | 1.1 | 2 U | 77 | 64 | -- | -- | -- | -- | -- | -- | 2 U | 2 U | 31 | 23 | 2.6 | 2 U | 2 U | -- | -- | 27 | 5.6 | 2 U | 2 U | 2 U | 21 | -- | 2 U | 2 U | 2 U | 2 U | 2 U | -- | -- | -- | 98 | 2 U | 2 U |
| | 1/15/1999 | K | -- | -- | -- | 47 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/15/1999 | | 12 U | 12 U | 820 | 47 | -- | -- | -- | -- | -- | -- | 12 U | 12 U | 25 | 18 | 12 U | 25 U | 25 U | 12 U | -- | 30 | 20 | 12 U | 12 U | 12 U | 22 | -- | 12 U | 12 U | 12 U | 12 U | 12 U | -- | -- | -- | 84 | 25 U | 25 U |
| | 7/15/1999 | | 50 U | 50 U | 3000 | 50 U | -- | -- | -- | -- | -- | -- | 50 U | 50 U | 50 U | 50 U | 50 U | 100 U | 100 U | 50 U | -- | 50 U | 50 U | 50 U | 50 U | 50 U | 50 U | -- | 50 U | 50 U | 50 U | 50 U | 50 U | -- | -- | -- | 74 | 100 U | 100 U |
| | 10/15/1999 | | 5 U | 5 U | 120 | 10 U | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 37 | 32 | 5 U | 10 U | 10 U | 12 | -- | 67 | 22 | 5 U | 5 U | 5 U | 56 | -- | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 180 | 10 U | 10 U |
| | 1/27/2000 | | 5 U | 5 U | 5 U | 10 U | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 35 | 29 | 5.7 | 10 U | 10 U | 14 | -- | 81 | 31 | 5 U | 5 U | 5 U | 69 | -- | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 230 | 10 U | 10 U |
| | 4/15/2000 | | 3.2 | 2 U | 110 | 2 U | -- | -- | -- | -- | -- | -- | 2 U | 2 U | 6.1 | 5 | 2 U | 4 U | 4 U | 13 | -- | 19 | 96 | 2 U | 2 U | 2 U | 13 | -- | 2 U | 2 U | 2 U | 2 U | 2 U | -- | -- | -- | 60 | 4 U | 4 U |
| | 10/15/2000 | | 5 U | 5 U | 230 | 5 U | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 25 | 25 | 5 U | 10 U | 10 U | 11 | -- | 49 | 37 | 5 U | 5 U | 5 U | 39 | -- | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 170 | 10 U | 10 U |
| | 4/15/2001 | | 2.1 | 2 U | 8.6 | 2 U | -- | -- | -- | -- | -- | -- | 2 U | 2 U | 28 | 23 | 2 U | 4 U | 4 U | 6.7 | -- | 36 | 12 | 2 U | 2 U | 2 U | 27 | -- | 2 U | 2 U | 2 U | 2 U | 2 U | -- | -- | -- | 130 | 4 U | 4 U |
| | 7/19/2001 | | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 2.2 | 2.2 | 1 U | 2 U | 2 U | 2.1 | -- | 7.4 | 3.5 | 1 U | 1 U | 1 U | 5.5 | -- | 1 U | 1 U | 1.2 | 1 U | 1 U | -- | -- | -- | 35 | 2 U | 2 U |
| | 10/17/2001 | | 2 U | 2 U | 2.4 | 2 U | -- | -- | -- | -- | -- | -- | 2 U | 2.3 | 22 | 23 | 2 U | 4 U | 4 U | 5.2 | -- | 56 | 6.4 | 2 U | 2 U | 2 U | 39 | -- | 2 U | 2 U | 2.4 | 2 U | 2 U | -- | -- | -- | 170 | 4 U | 4 U |
| | 1/16/2002 | | 50 U | 50 U | 2700 | 1100 | -- | -- | -- | -- | -- | -- | 50 U | 50 U | 50 U | 50 U | 50 U | 100 U | 100 U | 50 U | -- | 50 U | 50 U | 50 U | 50 U | 50 U | 50 U | -- | 50 U | 50 U | 50 U | 50 U | 50 U | -- | -- | -- | 91 | 100 U | 100 U |
| | 4/17/2002 | | 2 U | 2 U | 2 U | 3.8 | -- | -- | -- | -- | -- | -- | 2 U | 2 U | 18 | 18 | 2 U | 4 U | 4 U | 5.3 | -- | 41 | 13 | 2 U | 2 U | 2 U | 30 | -- | 2 U | 2 U | 2 U | 2 U | 2 U | -- | -- | -- | 130 | 4 U | 4 U |

**Table C-2**
**Phibro-Tech, Inc.**
**Historical Groundwater Analytical Results**
**Volatile Organic Compounds (VOCs) Analytical Summary**

| Well Number | Sample Date | Sample Type | Non-chlorinated VOCs | | | | | | | | | | Chlorinated VOCs | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Ben (1) | Tol (150) | e-Ben (300) | T-Xyl (1,750) | N-P Ben | ISB | NAP | 1,4-Diox | PIPT | STY (0.1) | BDCM | Chloro benzene (70) | CCl4 (0.5) | CFM (80) | MCL (5) | Chloro-ethane | Chloro-methane | cis-1,2-DCE (6) | 1,2-DBE (0.05) | 1,1-DCA (5) | 1,2-DCA (0.5) | 1,2-DCB (600) | 1,3-DCB | 1,4-DCB (5) | 1,1-DCE (6) | DCFM | trans-1,2-DCE (10) | 1,1,2,2-PCA (1) | PCE (5) | 1,1,1-TCA (200) | 1,1,2-TCA (5) | 1,2,3-TCB | 1,2,4-TCB (5) | 1,2,4-TMB | TCE (5) | TFM (150) | Vinyl chloride (0.5) |
| MW-14S | 7/25/2002 | | 25 U | 25 U | 860 | 50 U | -- | -- | -- | -- | -- | -- | 25 U | 25 U | 25 U | 25 U | 25 U | 50 U | 50 U | 25 U | -- | 43 | 25 U | 25 U | 25 U | 25 U | 39 | -- | 25 U | 25 U | 25 U | 25 U | 25 U | -- | -- | -- | 150 | 50 U | 50 U |
| | 10/23/2002 | | 5 U | 5 U | 14 | 10 U | -- | -- | 10 U | -- | -- | -- | 5 U | 5 U | 15 | 28 | 5 U | 10 U | 10 U | 9 | -- | 85 | 6.9 | 5 U | 5 U | 5 U | 71 | -- | 5 U | 5 U | 5 U | 5 U | 5 U | -- | 10 U | -- | 360 | 10 U | 10 U |
| | 12/30/2002 | | 1.2 J | 10 U | 130 | 110 U | -- | -- | -- | -- | -- | 10 U | 10 U | 1.8 J | 7.2 J | 13 | 2.7 J | 10 U | 10 U | 12 | 10 U | 50 | 56 | 10 U | 10 U | 10 U | 35 | 10 U | 10 U | 10 U | 1.7 J | 10 U | 10 U | -- | -- | -- | 190 | 10 U | 10 U |
| | 4/24/2003 | | 2.6 | 4 U | 240 | 15.4 | 4 U | 6 | 4 U | -- | 4 U | 4 U | 4 U | 4 U | 6.6 | 12 | 20 U | 4 U | 4 U | 10 | 4 U | 47 | 36 | 4 U | 4 U | 4 U | 37 | 20 U | 4 U | 4 U | 4 U | 4 U | 4 U | 4 U | 4 U | 4 U | 160 | 4 U | 2 U |
| | 7/30/2003 | | 1.4 | 1 U | 49 | 2 U | 1 U | 1.6 | 1 U | -- | 1 U | 1 U | 1 U | 3.1 | 11 | 26 | 5 U | 1 U | 1 U | 8.5 | 1 U | 79 | 19 | 1 U | 1 U | 1 U | 59 | 5 U | 1 U | 1 U | 3.3 | 1 U | 1 U | 1 U | 1 U | 1 U | 200 | 1 U | 0.5 U |
| | 10/23/2003 | | 20 U | 20 U | 80 | 40 U | -- | -- | 9.6 U | -- | -- | 20 U | 20 U | 20 U | 50 U | 37 | 50 U | 50 U | 50 U | 20 U | -- | 110 | 46 | 20 U | 20 U | 20 U | 90 | 50 U | 20 U | 20 U | 20 U | 20 U | 20 U | -- | 9.6 U | -- | 490 | 50 U | 50 U |
| | 1/22/2004 | | 2 U | 4 U | 4 U | 8 U | 4 U | 4 U | 4 U | -- | 4 U | 4 U | 4 U | 4.5 | 16 | 34 | 20 U | 4 U | 4 U | 13 | 4 U | 100 | 36 | 4 U | 4 U | 4 U | 76 | 20 U | 4 U | 4 U | 5.4 | 4 U | 4 U | 4 U | 4 U | 4 U | 480 | 4 U | 2 U |
| | 4/21/2004 | | 2.2 | 4 U | 4 U | 8 U | 4 U | 4 U | 4 U | -- | 4 U | 4 U | 4 U | 4.3 | 17 | 33 | 20 U | 4 U | 4 U | 13 | 4 U | 87 | 26 | 4 U | 4 U | 4 U | 77 | 20 U | 4 U | 4 U | 4.9 | 4 U | 4 U | 4 U | 4.6 | 4 U | 570 | 4 U | 2 U |
| | 7/21/2004 | | 2.9 | 5 U | 5 U | 10 U | 5 U | 5 U | 5 U | -- | 5 U | 5 U | 5 U | 5 U | 11 | 28 | 25 U | 5 U | 5 U | 33 | 5 U | 97 | 29 | 5 U | 5 U | 5 U | 79 | 25 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 500 | 5 U | 2.5 U |
| | 10/12/2004 | | 2 U | 2 U | 2 U | 4 U | -- | -- | 9.5 U | -- | -- | 2 U | 2 U | 2 | 5 U | 8.7 | 13 | 5 U | 5 U | 48 | -- | 83 | 23 | 2 U | 2 U | 2 U | 40 | 5 U | 2 U | 2 U | 2.9 | 2 U | 2 U | -- | 9.5 U | -- | 160 | 5 U | 5 U |
| | 1/27/2005 | | 0.7 | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1.1 | 0.5 U | 1.8 | 5 U | 1 U | 1 U | 21 | 1 U | 38 | 9.2 | 1 U | 1 U | 1 U | 16 | 5 U | 1 U | 1 U | 3.4 | 1 U | 1 U | 1 U | 1.5 | 1 U | 98 | 1 U | 0.5 U |
| | 4/27/2005 | | 1.1 | 1 U | 13 | 6.8 | 1 U | 2.5 | 1 U | -- | 1 U | 1 U | 1 U | 1.3 | 2.5 | 9.2 | 5 U | 1 U | 1 U | 9.6 | 1 U | 37 | 49 | 1 U | 1 U | 1 U | 21 | 5 U | 1 U | 1 U | 3.8 | 1 U | 1 U | 1.6 | 7.2 | 1 U | 150 | 1 U | 0.5 U |
| | 7/26/2005 | | 1.1 | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1.4 | 4.2 | 20 | 5 U | 1 U | 1 U | 9.1 | 1 U | 33 | 38 | 1 U | 1 U | 1 U | 20 | 5 U | 1 U | 1 U | 4.3 | 1 U | 1 U | 1 U | 3.6 | 1 U | 160 | 1 U | 0.5 U |
| | 10/20/2005 | | 2 U | 2 U | 2 U | 4 U | -- | -- | 10 U | -- | -- | 2 U | 2 U | 2.3 | 7.7 | 28 | 5.2 | 5 U | 5 U | 14 | -- | 50 | 35 | 2 U | 2 U | 2 U | 31 | 5 U | 2 U | 2 U | 6.5 | 2 U | 2 U | -- | 10 U | -- | 180 | 5 U | 5 U |
| | 1/26/2006 | | 1.7 | 1 U | 40 | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1.7 | 4.7 | 15 | 5 U | 1 U | 1 U | 23 | 1 U | 47 | 31 | 1 U | 1 U | 1 U | 32 | 5 U | 1 U | 1 U | 3.4 | 1 U | 1 U | 1 U | 1.7 | 1 U | 190 | 1 U | 0.5 U |
| | 4/25/2006 | | 3.4 | 5 U | 320 | 37 | 5 U | 6.6 | 5 U | -- | 5 U | 5 U | 5 U | 5 U | 4.4 | 14 | 25 U | 5 U | 5 U | 21 | 5 U | 45 | 25 | 5 U | 5 U | 5 U | 30 | 25 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 180 | 5 U | 2.5 U |
| | 7/26/2006 | | 1.6 | 1 U | 15 | 1 | 1 U | 2 | 1 U | -- | 1 U | 1 U | 1 U | 1.8 | 6.2 | 19 | 5 U | 1 U | 1 U | 18 | 1 U | 51 | 30 | 1 U | 1 U | 1 U | 35 | 5 U | 1 U | 1 U | 3.6 | 1 U | 1 U | 1 U | 1.1 | 1 U | 170 | 1 U | 0.5 U |
| | 10/25/2006 | | 2 U | 2 U | 2 U | 2 U | -- | -- | 9.43 U | 20 | -- | 2 U | 2 U | 2.4 | 5 U | 18 | 5 U | 5 U | 5 U | 35 | -- | 75 | 34 | 2 U | 2 U | 2 U | 36 | 5 La,U | 2 U | 2 U | 3.5 | 2 U | 2 U | -- | 9.43 U | -- | 280 | 5 U | 5 U |
| | 1/17/2007 | | 2.4 | 1 U | 290 | 3.3 | 1 U | 5.8 | 1 U | -- | 1 U | 1 U | 1 U | 1.7 | 1.4 | 7.3 | 5 U | 1 U | 1 U | 27 | 1 U | 41 | 22 | 1 U | 1 U | 1 U | 23 | 5 U | 1 U | 1 U | 2.2 | 1 U | 1 U | 1 U | 1 U | 1 U | 140 | 1 U | 0.5 U |
| | 4/18/2007 | | 3.6 | 1 U | 1000 | 11.8 | 2.5 | 18 | 1 U | -- | 1 U | 1 U | 1 U | 1.5 | 1.6 | 8.7 | 5 U | 1 U | 1 U | 29 | 1 U | 53 | 25 | 1 U | 1 U | 1 U | 20 | 5 U | 1 U | 1 U | 2.2 | 1 U | 1 U | 1 U | 1 U | 1 U | 170 | 1 U | 0.5 U |
| | 7/25/2007 | | 1.5 | 2 U | 64 | 2 U | 2 U | 2 U | 2 U | -- | 2 U | 2 U | 2 U | 2 U | 1 U | 8.6 | 10 U | 2 U | 2 U | 21 | 2 U | 48 | 29 | 2 U | 2 U | 2 U | 20 | 10 U | 2 U | 2 U | 2.5 | 2 U | 2 U | 2 U | 2 U | 2 U | 180 | 2 U | 1 U |
| | 10/23/2007 | | 20 U | 20 U | 42 | 20 U | -- | -- | 9.43 U | -- | -- | 20 U | 20 U | 20 U | 50 U | 30 | 50 U | 50 U | 50 U | 52 | -- | 130 | 28 | 20 U | 20 U | 20 U | 50 U | 50 U | 20 U | 20 U | 20 U | 20 U | 20 U | -- | 9.43 U | -- | 540 | 50 U | 50 U |
| | 1/30/2008 | | 2.5 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 21 | 1 U | 1 U | 1 U | 5.2 | 3.7 | 26 | 11 | 1 U | 1 U | 47 | 1 U | 120 | 46 | 1 | 1 U | 1 U | 61 | 5 U | 1.1 | 1 U | 5 | 1 U | 1 U | 2.2 | 8.4 | 1 U | 550 | 1 U | 0.5 U |
| | 4/22/2008 | | 2.5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | -- | 5 U | 5 U | 5 U | 5 U | 2.5 U | 20 | 27 | 5 U | 5 U | 33 | 5 U | 85 | 42 | 5 U | 5 U | 5 U | 41 | 25 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 8.9 | 5 U | 390 | 5 U | 2.5 U |
| | 7/30/2008 | | 2.5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | -- | 5 U | 5 U | 5 U | 5 U | 4 | 30 | 25 U | 5 U | 5 U | 33 | 5 U | 120 | 65 | 5 U | 5 U | 5 U | 65 | 25 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 12 | 5 U | 640 | 5 U | 2.5 U |
| MW-15D | 10/15/1990 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 0.02 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 1 U | 1 U | 1 U |
| | 1/15/1991 | | 0.5 U | 1.3 | 1 U | 1 U | -- | -- | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | -- | -- | -- | -- | 1 U | 1 U | -- | -- | -- | 1 U | -- | -- | 1 U | 1 U | -- | -- | -- | -- | -- | 1 U | -- | -- |
| | 4/15/1991 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 4.1 B | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 1.2 | 1 U | 1 U |
| | 7/15/1991 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1.7 | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 1.3 | 1 U | 1 U |
| | 10/22/1991 | | 0.5 U | 0.5 U | 0.5 U | 1 U | -- | -- | -- | -- | -- | -- | 0.2 U | 0.5 U | 0.2 U | 0.2 U | 2 U | 0.2 U | 0.2 U | 0.2 U | -- | 0.2 U | 0.2 U | 0.5 U | 0.5 U | 0.5 U | 0.2 U | 1 U | 0.2 U | 0.2 U | 7 | 0.2 U | 0.2 U | -- | -- | -- | 1.8 | 2 U | 0.2 U |
| | 1/15/1992 | | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 2 | 1 U | 1 U |
| | 4/15/1992 | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | -- | -- | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.4 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.6 | 0.5 U | 0.5 U |
| | 7/15/1992 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1.5 | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 1.9 | 1 U | 1 U |
| | 10/15/1992 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1.3 | 1 U | 1 U | -- | -- | -- | 2.8 | 1 U | 1 U |
| | 1/15/1993 | | 0.5 U | 13 | 18 | 38 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1.6 | 1 U | 1 U | -- | -- | -- | 2.5 | 1 U | 1 U |
| | 4/21/1993 | | 0.5 U | 42 | 29 | 71 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1.6 B | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 2.8 | 1 U | 1 U |
| | 7/14/1993 | | 1.1 | 5.3 | 2.4 | 8.5 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 4.1 | 1 U | 1 U |
| | 10/14/1993 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 2.8 | 1 U | 1 U |
| | 1/12/1994 | | 0.88 | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 1.3 | 1 U | 1 U |

# Table C-2
## Phibro-Tech, Inc.
## Historical Groundwater Analytical Results
## Volatile Organic Compounds (VOCs) Analytical Summary

| Well Number | Sample Date | Sample Type | Non-chlorinated VOCs | | | | | | | | | | Chlorinated VOCs | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Ben (1) | Tol (150) | e-Ben (300) | T-Xyl (1,750) | N-P Ben | ISB | NAP | 1,4-Diox | PIPT | STY (0.1) | BDCM | Chloro benzene (70) | CCl4 (0.5) | CFM (80) | MCL (5) | Chloro-ethane | Chloro-methane | cis-1,2-DCE (6) | 1,2-DBE (0.05) | 1,1-DCA (5) | 1,2-DCA (0.5) | 1,2-DCB (600) | 1,3-DCB | 1,4-DCB (5) | 1,1-DCE (6) | DCFM | trans-1,2-DCE (10) | 1,1,2,2-PCA (1) | PCE (5) | 1,1,1-TCA (200) | 1,1,2-TCA (5) | 1,2,3-TCB | 1,2,4-TCB (5) | 1,2,4-TMB | TCE (5) | TFM (150) | Vinyl chloride (0.5) |
| MW-15D | 4/13/1994 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1.1 | 1 U | 1 U | -- | -- | -- | 1.7 | 1 U | 1 U |
| | 7/20/1994 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 2 | 1 U | 1 U |
| | 10/12/1994 | | 0.5 U | 1.4 | 1.1 | 8.3 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 1.5 | 1 U | 1 U |
| | 1/18/1995 | | 1.1 | 1 U | 15 | 6.8 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 2.3 | 1 U | 1 U | -- | -- | -- | 1.5 | 1 U | 1 U |
| | 4/19/1995 | | 2.5 U | 14 | 32 | 50 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 2.2 | 1 U | 1 U | -- | -- | -- | 1.4 | 1 U | 1 U |
| | 7/12/1995 | | 0.5 U | 1 U | 6.3 | 5 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 2.7 | 1 U | 1 U | -- | -- | -- | 2.6 | 1 U | 1 U |
| | 10/11/1995 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1.8 | 1 U | 1 U | -- | -- | -- | 2.3 | 1 U | 1 U |
| | 2/1/1996 | | 0.5 U | 1.2 | 16 | 14 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 2.2 | 1 U | 1 U |
| | 4/17/1996 | | 1 U | 10 | 32 | 36 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 2 | 1 U | 1 U | -- | -- | -- | 3.8 | 1 U | 1 U |
| | 7/17/1996 | | 0.5 U | 1 U | 6.8 | 3.6 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 3 | 1 U | 1 U | -- | -- | -- | 3.7 | 1 U | 1 U |
| | 10/9/1996 | | 0.5 U | 1 U | 5.4 | 5.5 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 5 | 1 U | 1 U |
| | 1/15/1997 | | 0.5 U | 7.2 | 35 | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1.2 | 1 U | 1 U | -- | -- | -- | 4.1 | 1 U | 1 U |
| | 4/17/1997 | | 0.5 U | 1 U | 5 | 1.6 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 2 | 1 U | 1 U | -- | -- | -- | 3.9 | 1 U | 1 U |
| | 7/10/1997 | | 0.5 U | 1 U | 6.2 | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 2.9 | 1 U | 1 U | -- | -- | -- | 3.4 | 1 U | 1 U |
| | 10/16/1997 | | 0.5 U | 1 U | 14 | 1.4 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1.5 | 1 U | 1 U | -- | -- | -- | 3.8 | 1 U | 1 U |
| | 1/15/1998 | | 0.5 U | 1 U | 7.6 | 2.3 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1.4 | 1 U | 1 U | -- | -- | -- | 3.9 | 1 U | 1 U |
| | 4/23/1998 | | 0.5 U | 1 U | 44 | 4 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1.9 | 1 U | 1 U | -- | -- | -- | 5.1 | 1 U | 1 U |
| | 7/16/1998 | | 0.5 U | 1 U | 7.8 | 2.4 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 2.7 | 1 U | 1 U |
| | 10/21/1998 | | 0.5 U | 1 U | 26 | 6.8 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 2.8 | 1 U | 1 U |
| | 1/15/1999 | | 0.5 U | 1 U | 15 | 2.1 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 | 1 U | 1 U | -- | -- | -- | 5.4 | 1 U | 1 U |
| | 4/15/1999 | | 1 U | 1 U | 12 | 1.6 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2.3 | -- | 1 U | 1 U | 13 | 1 U | 1 U | -- | -- | -- | 25 | 2 U | 2 U |
| | 7/15/1999 | | 1 U | 1 U | 34 | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1.1 | -- | 1 U | 1 U | 13 | 1 U | 1 U | -- | -- | -- | 9 | 2 U | 2 U |
| | 10/15/1999 | | 1 U | 1 U | 6 | 2 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1.5 | 1 U | 1 U | -- | -- | -- | 5.1 | 2 U | 2 U |
| | 1/28/2000 | | 1 U | 1 U | 1 U | 2 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 5.3 | 1 U | 1 U | -- | -- | -- | 9.7 | 2 U | 2 U |
| | 4/15/2000 | | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1.1 | -- | 1 U | 1 U | 7.4 | 1 U | 1 U | -- | -- | -- | 13 | 2 U | 2 U |
| | 10/15/2000 | | 1.8 | 1 U | 2.9 | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 4 | 1 U | 1 U | -- | -- | -- | 8.7 | 2 U | 2 U |
| | 4/15/2001 | | 1 U | 1 U | 11 | 2.1 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 5.4 | 1 U | 1 U | -- | -- | -- | 12 | 2 U | 2 U |
| | 7/19/2001 | | 1 U | 1 U | 2.5 | 1 U | -- | -- | -- | 0.95 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1.8 | 1 U | 1 U | -- | -- | -- | 2.8 | 2 U | 2 U |
| | 10/17/2001 | | 2.2 | 1 U | 1 U | 1 U | -- | -- | -- | 0.95 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 2.4 | 1 U | 1 U | -- | -- | -- | 6.7 | 2 U | 2 U |
| | 1/16/2002 | | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 8 | 1 U | 1 U | -- | -- | -- | 6.4 | 2 U | 2 U |
| | 4/17/2002 | | 1.1 | 1 U | 1 U | 2 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1.6 | 1 U | 1 U | -- | -- | -- | 6.1 | 2 U | 2 U |
| | 7/25/2002 | | 1 U | 1 U | 1 U | 2 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1.9 | 1 U | 1 U | -- | -- | -- | 3.4 | 2 U | 2 U |
| | 10/22/2002 | | 1.2 | 1 U | 3.8 | 4.9 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 2.4 | 1 U | 1 U | -- | -- | -- | 6.2 | 2 U | 2 U |
| | 1/8/2003 | | 1.3 | 1 U | 7.7 | 2.3 | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.52 | 1.1 | 5 U | 1 U | 1 U | 1 U | 1 U | 1 | 2 | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 2.4 | 1 U | 1 U | 1 U | 1 U | 1 U | 11 | 1 U | 0.5 U |
| | 4/23/2003 | | 2.3 | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1.3 | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 2 | 1 U | 1 U | 1 U | 1 U | 1 U | 7.6 | 1 U | 0.5 U |
| | 7/30/2003 | | 1.4 | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.77 | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 4.1 | 1 U | 1 U | 1 U | 1 U | 1 U | 8.1 | 1 U | 0.5 U |
| | 10/21/2003 | | 1.9 | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.6 | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 2.3 | 1 U | 1 U | 1 U | 1 U | 1 U | 5.3 | 1 U | 0.5 U |
| | 1/22/2004 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 2.3 | 1 U | 1 U | 1 U | 1 U | 1 U | 3 | 1 U | 0.5 U |
| | 4/21/2004 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 3.6 | 1 U | 0.5 U |

**Table C-2**
**Phibro-Tech, Inc.**
**Historical Groundwater Analytical Results**
**Volatile Organic Compounds (VOCs) Analytical Summary**

| | | | Non-chlorinated VOCs | | | | | | | | | | Chlorinated VOCs | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Well Number | Sample Date | Sample Type | Ben (1) | Tol (150) | e-Ben (300) | T-Xyl (1,750) | N-P Ben | ISB | NAP | 1,4-Diox | PIPT | STY (0.1) | BDCM | Chloro benzene (70) | CCl4 (0.5) | CFM (80) | MCL (5) | Chloro-ethane | Chloro-methane | cis-1,2-DCE (6) | 1,2-DBE (0.05) | 1,1-DCA (5) | 1,2-DCA (0.5) | 1,2-DCB (600) | 1,3-DCB | 1,4-DCB (5) | 1,1-DCE (6) | DCFM | trans-1,2-DCE (10) | 1,1,2,2-PCA (1) | PCE (5) | 1,1,1-TCA (200) | 1,1,2-TCA (5) | 1,2,3-TCB | 1,2,4-TCB (5) | 1,2,4-TMB | TCE (5) | TFM (150) | Vinyl chloride (0.5) |
| MW-15D | 7/20/2004 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 1.2 | 1 U | 1 U | 1 U | 1 U | 1 U | 2.6 | 1 U | 0.5 U |
| | 10/11/2004 | | 0.63 | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1.8 | 1 U | 0.5 U |
| | 1/27/2005 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 1.1 | 1 U | 1 U | 1 U | 1 U | 1 U | 2.8 | 1 U | 0.5 U |
| | 4/27/2005 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 4.1 | 1 U | 0.5 U |
| | 7/26/2005 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 3.2 | 1 U | 0.5 U |
| | 10/19/2005 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 2.6 | 1 U | 0.5 U |
| | 1/25/2006 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 3.2 | 1 U | 0.5 U |
| | 4/25/2006 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 2.5 | 1 U | 0.5 U |
| | 7/25/2006 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 2 | 1 U | 0.5 U |
| | 10/25/2006 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 2.5 | 1 U | 0.5 U |
| | 1/18/2007 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 2.2 | 1 U | 0.5 U |
| | 4/18/2007 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 M1,U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 M1,U | 1 U | 1 U | 1 U | 2 | 1 U | 0.5 U |
| | 7/25/2007 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 2.3 | 1 U | 0.5 U |
| | 10/24/2007 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 2 | 1 M1,U | 0.5 U |
| | 1/30/2008 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1.7 | 1 U | 0.5 U |
| | 4/23/2008 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1.6 | 1 U | 0.5 U |
| | 7/30/2008 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1.6 | 1 U | 0.5 U |
| MW-15S | 10/15/1990 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | 500 U | -- | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 10 U | 10 U | -- | 10 U | 5 U | 16 | -- | -- | -- | 5 U | 20 U | 5 U | 5 U | 5 U | 51 U | 5 U | -- | -- | -- | 21 | 5 U | 10 U |
| | 1/15/1991 | | 0.5 U | 4 | 1.6 | 4 | -- | -- | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | -- | -- | -- | -- | 1 U | 9.6 | -- | -- | -- | 1 | -- | -- | 1 U | 1 U | -- | -- | -- | -- | -- | 13 | -- | -- |
| | 4/15/1991 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 7.1 | 1 U | 1 U | -- | -- | 1 U | 12 | 1 U | 1 U | 1 U | 1.5 | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 28 | 1 U | 1 U |
| | 7/15/1991 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 2 | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1.3 | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 17 | 1 U | 1 U |
| | 10/22/1991 | | 1 U | 1 U | 1 U | 2 U | -- | -- | -- | -- | -- | -- | 0.4 U | 1 U | 0.4 U | 0.4 U | 4 U | 0.4 U | 0.4 U | 0.4 U | -- | 0.71 | 0.4 U | 1 U | 1 U | 1 U | 1.1 | 2 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U | -- | -- | -- | 13 | 4 U | 0.4 U |
| | 1/15/1992 | | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 | 2 | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 15 | 1 U | 1 U |
| | 4/15/1992 | | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | -- | -- | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 1.7 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.61 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 4.1 | 0.5 U | 0.5 U |
| | 7/15/1992 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1.1 | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 2.9 | 1 U | 1 U |
| | 10/15/1992 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 7.7 | 1 U | 1 U |
| | 1/15/1993 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 2.1 | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 9 | 1 U | 1 U |
| | 4/21/1993 | | 0.5 U | 14 | 10 | 22 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1.2 B | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 7.4 | 1 U | 1 U | -- | -- | -- | 4.6 | 1 U | 1 U |
| | 7/14/1993 | | 0.5 U | 1.2 | 1 U | 2.4 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 B | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 2.4 | 1 U | 1 U |
| | 10/14/1993 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 3.2 | 1 U | 1 U |
| | 1/12/1994 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 1.9 | 1 U | 1 U |
| | 4/13/1994 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 3.1 | 1 U | 1 U |
| | 7/20/1994 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 2.1 | 1 U | 1 U |
| | 10/11/1994 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1.1 | 1 U | 1 U | -- | -- | -- | 6 | 1 U | 1 U |
| | 1/18/1995 | | 1 U | 4 | 64 | 27 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 6.3 | 1 U | 1 U | -- | -- | -- | 3.7 | 1 U | 1 U |
| | 4/19/1995 | | 2.5 U | 60 | 82 | 130 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 2.8 | 1 U | 1 U | -- | -- | -- | 2.8 | 1 U | 1 U |
| | 7/12/1995 | | 0.5 U | 2.5 | 18 | 12 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 2 | 1 U | 1 U | -- | -- | -- | 5.2 | 1 U | 1 U |
| | 10/11/1995 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1.4 | 1 U | 1 U | -- | -- | -- | 3.9 | 1 U | 1 U |
| | 2/1/1996 | | 0.5 U | 1.8 | 25 | 22 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1.9 | 1.5 | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 3.8 | 1 U | 1 U |

**Table C-2**
**Phibro-Tech, Inc.**
**Historical Groundwater Analytical Results**
**Volatile Organic Compounds (VOCs) Analytical Summary**

| Well Number | Sample Date | Sample Type | Non-chlorinated VOCs | | | | | | | | | | Chlorinated VOCs | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Ben (1) | Tol (150) | e-Ben (300) | T-Xyl (1,750) | N-P Ben | ISB | NAP | 1,4-Diox | PIPT | STY (0.1) | BDCM | Chloro benzene (70) | CCl4 (0.5) | CFM (80) | MCL (5) | Chloro-ethane | Chloro-methane | cis-1,2-DCE (6) | 1,2-DBE (0.05) | 1,1-DCA (5) | 1,2-DCA (0.5) | 1,2-DCB (600) | 1,3-DCB | 1,4-DCB (5) | 1,1-DCE (6) | DCFM | trans-1,2-DCE (10) | 1,1,2,2-PCA (1) | PCE (5) | 1,1,1-TCA (200) | 1,1,2-TCA (5) | 1,2,3-TCB | 1,2,4-TCB (5) | 1,2,4-TMB | TCE (5) | TFM (150) | Vinyl chloride (0.5) |
| MW-15S | 4/17/1996 | | 0.5 U | 13 | 40 | 45 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 2.5 | 1.4 | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 2.8 | 1 U | 1 U |
| | 7/17/1996 | | 0.5 U | 1 U | 9.7 | 5.4 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 2 | 1.1 | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 3.2 | 1 U | 1 U |
| | 10/8/1996 | | 0.5 U | 1 U | 2.9 | 2.6 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 3.8 | 2.2 | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 5.3 | 1 U | 1 U |
| | 1/15/1997 | | 0.5 U | 5.5 | 69 | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 3.3 | 2.1 | 1 U | 1 U | 1 U | -- | -- | 1 U | 4.7 | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 5.1 | 1 U | 1 U |
| | 4/17/1997 | | 0.5 U | 9.3 | 21 | 8.5 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 2 | 1.3 | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 4.1 | 1 U | 1 U | -- | -- | -- | 3.3 | 1 U | 1 U |
| | 7/10/1997 | | 0.5 U | 1 U | 8.2 | 1.3 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 2.6 | 2.2 | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 3.4 | 1 U | 1 U | -- | -- | -- | 4.1 | 1 U | 1 U |
| | 10/16/1997 | | 0.5 U | 1 U | 17 | 1.7 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 2.2 | 3.9 | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 5.2 | 1 U | 1 U |
| | 1/15/1998 | | 0.5 U | 1 U | 12 | 3.7 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 4.2 | 2.9 | 1 U | 1 U | 1 U | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1.4 | 1 U | 1 U | -- | -- | -- | 5 | 1 U | 1 U |
| | 4/23/1998 | | 0.5 U | 1 U | 60 | 7.2 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1.4 | 1.8 | 1 U | 1 U | 1 U | -- | -- | 1 U | 25 | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 3.1 | 1 U | 1 U |
| | 7/15/1998 | | 0.5 U | 1 U | 10 | 2.9 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 2.6 | 1 U | 1 U | 1 U | -- | -- | 1 U | 8.6 | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 3.4 | 1 U | 1 U |
| | 10/21/1998 | | 0.5 U | 1 U | 45 | 12 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 3 | 3.2 | 1 U | 1 U | 1 U | -- | -- | 1 U | 4.5 | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 3.9 | 1 U | 1 U |
| | 1/15/1999 | | 0.5 U | 1 U | 19 | 2.2 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 4.4 | 4.4 | 1 U | 1 U | 1 U | -- | -- | 1 U | 1.7 | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1.1 | 1 U | 1 U | -- | -- | -- | 7 | 1 U | 1 U |
| | 1/15/1999 | K | 1 U | 1 U | 19 U | 2.2 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 4.2 U | -- | -- |
| | 4/15/1999 | | 1 U | 1 U | 23 | 2.2 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1.7 | 2.9 | 1 U | 2 U | 2 U | 1 U | -- | 1 U | 75 | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1.3 | 1 U | 1 U | -- | -- | -- | 4.2 | 2 U | 2 U |
| | 7/15/1999 | | 1 U | 1 U | 29 | 23 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 2.5 | 4.2 | 1 U | 2 U | 2 U | 1 U | -- | 1 U | 34 | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 6.1 | 1 U | 1 U | -- | -- | -- | 3.9 | 2 U | 2 U |
| | 10/15/1999 | | 2 U | 2 U | 12 | 2 U | -- | -- | -- | -- | -- | -- | 2 U | 2 U | 2 U | 2.1 | 2 U | 4 U | 4 U | 2 U | -- | 2 U | 110 | 2 U | 2 U | 2 U | 2 U | -- | 2 U | 2 U | 2 U | 2 U | 2 U | -- | -- | -- | 6.7 | 4 U | 4 U |
| | 1/28/2000 | | 1 U | 1 U | 9.3 | 2 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 2.9 | 1 U | 2 U | 2 U | 13 | -- | 10 | 23 | 1 U | 1 U | 1 U | 5.3 | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 25 | 2 U | 2 U |
| | 4/15/2000 | | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1.8 | 1 U | 2 U | 2 U | 9.8 | -- | 6.2 | 78 | 1 U | 1 U | 1 U | 2.5 | -- | 1 U | 1 U | 1.3 | 1 U | 1 U | -- | -- | -- | 17 | 2 U | 2 U |
| | 10/15/2000 | | 1 U | 1 U | 17 | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 3.9 | 6.8 | 1 U | 2 U | 2 U | 2.3 | -- | 1 U | 37 | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1.3 | 1 U | 1 U | -- | -- | -- | 6.7 | 2 U | 2 U |
| | 4/15/2001 | | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 2.2 | 4.3 | 1 U | 2 U | 2 U | 1 U | -- | 1 U | 16 | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1.3 | 1 U | 1 U | -- | -- | -- | 3 | 2 U | 2 U |
| | 7/19/2001 | | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 2.1 | 4 | 1 U | 2 U | 2 U | 1 U | -- | 1 U | 11 | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1.4 | 1 U | 1 U | -- | -- | -- | 5.1 | 2 U | 2 U |
| | 10/17/2001 | | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 2 | 3.5 | 1 U | 2 U | 2 U | 1 U | -- | 1 U | 8.2 | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1.2 | 1 U | 1 U | -- | -- | -- | 2.8 | 2 U | 2 U |
| | 1/16/2002 | | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1.4 | 2.9 | 1 U | 2 U | 2 U | 1 U | -- | 1 U | 8.6 | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1.1 | 1 U | 1 U | -- | -- | -- | 2.7 | 2 U | 2 U |
| | 4/17/2002 | | 1 U | 1 U | 1 U | 2 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 2.9 | 4 | 12 | 2 U | 2 U | 1 U | -- | 1 U | 3 | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1.1 | 1 U | 1 U | -- | -- | -- | 2.9 | 2 U | 2 U |
| | 7/24/2002 | | 1 U | 1 U | 1 U | 2 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1.3 | 2.8 | 1 U | 2 U | 2 U | 1 U | -- | 1 U | 3 | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1.2 | 1 U | 1 U | -- | -- | -- | 4.4 | 2 U | 2 U |
| | 10/23/2002 | | 1 U | 1 U | 1 U | 2 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 3.6 | 9.7 | 1 U | 2 U | 2 U | 1 U | -- | 2.5 | 2.8 | 1 U | 1 U | 1 U | 1.3 | -- | 1 U | 1 U | 1.5 | 1 U | 1 U | -- | -- | -- | 13 | 2 U | 2 U |
| | 1/8/2003 | | 0.53 | 1 U | 6 | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 6.9 | 1 U | 6.3 | 14 | 1 U | 1 U | 1 U | 2.9 | 5 U | 1 U | 1 U | 1.3 | 1 U | 1 U | 1 U | 1 U | 1 U | 22 | 1 U | 0.5 U |
| | 4/24/2003 | | 0.5 | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 2 | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 12 | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 3.2 | 1 U | 0.5 U |
| | 7/30/2003 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 4.5 | 21 | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 13 | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 1.2 | 1 U | 1 U | 1 U | 1 U | 5.1 | 1 U | 0.5 U |
| | 10/22/2003 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 2 | 11 | 5 U | 1 U | 1 U | 1 U | 1 U | 2.7 | 22 | 1 U | 1 U | 1 U | 2.4 | 5 U | 1 U | 1 U | 2.2 | 1 U | 1 U | 1 U | 1 U | 1 U | 21 | 1 U | 0.5 U |
| | 1/22/2004 | | 0.61 | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 5.4 | 5 U | 1 U | 1 U | 10 | 1 U | 26 | 79 | 1 U | 1 U | 1 U | 15 | 5 U | 1 U | 1 U | 2.5 | 1 U | 1 U | 1 U | 1 U | 1 U | 85 | 1 U | 0.5 U |
| | 4/21/2004 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.63 | 4.3 | 5 U | 1 U | 1 U | 7.6 | 1 U | 18 | 40 | 1 U | 1 U | 1 U | 8.6 | 5 U | 1 U | 1 U | 2.2 | 1 U | 1 U | 1 U | 1 U | 1 U | 73 | 1 U | 0.5 U |
| | 7/20/2004 | | 0.79 | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1.1 | 2.9 | 15 | 5 U | 1 U | 1 U | 8.1 | 1 U | 29 | 33 | 1 U | 1 U | 1 U | 18 | 5 U | 1 U | 1 U | 3.6 | 1 U | 1 U | 1 U | 1 U | 1 U | 120 | 1 U | 0.5 U |
| | 10/11/2004 | | 0.59 | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 M2, R-3,U | 1 U | 1.1 | 0.5 U | 3.7 | 5 U | 1 U | 1 U | 17 | 1 U | 38 | 24 | 1 U | 1 U | 1 U | 19 | 5 U | 1 U | 1 U | 2.6 | 1 U | 1 U | 1 U | 1 U | 1 U | 96 | 1 U | 0.5 U |
| | 1/27/2005 | | 0.52 | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1.3 | 0.5 U | 1.7 | 5 U | 1 U | 1 U | 14 | 1 U | 45 | 14 | 1 U | 1 U | 1 U | 18 | 5 U | 1 U | 1 U | 3.7 | 1 U | 1 U | 1 U | 1 U | 1 U | 110 | 1 U | 0.5 U |
| | 4/27/2005 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 | 1 U | 2.8 | 42 | 1 U | 1 U | 1 U | 1.7 | 5 U | 1 U | 1 U | 2.4 | 1 U | 1 U | 1 U | 1 U | 1 U | 21 | 1 U | 0.5 U |
| | 7/26/2005 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 6.3 | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 35 | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 2.4 | 1 U | 1 U | 1 U | 1 U | 1 U | 8.3 | 1 U | 0.5 U |
| | 10/19/2005 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.55 | 5.6 | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 18 | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 1.9 | 1 U | 1 U | 1 U | 1 U | 1 U | 5.8 | 1 U | 0.5 U |
| | 1/25/2006 | | 0.64 | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1.3 | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 33 | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 3.2 | 1 U | 1 U | 1 U | 1 U | 1 U | 11 | 1 U | 0.5 U |

**Table C-2**
**Phibro-Tech, Inc.**
**Historical Groundwater Analytical Results**
**Volatile Organic Compounds (VOCs) Analytical Summary**

| Well Number | Sample Date | Sample Type | Non-chlorinated VOCs | | | | | | | | | | Chlorinated VOCs | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Ben (1) | Tol (150) | e-Ben (300) | T-Xyl (1,750) | N-P Ben | ISB | NAP | 1,4-Diox | PIPT | STY (0.1) | BDCM | Chloro benzene (70) | CCl4 (0.5) | CFM (80) | MCL (5) | Chloro-ethane | Chloro-methane | cis-1,2-DCE (6) | 1,2-DBE (0.05) | 1,1-DCA (5) | 1,2-DCA (0.5) | 1,2-DCB (600) | 1,3-DCB | 1,4-DCB (5) | 1,1-DCE (6) | DCFM | trans-1,2-DCE (10) | 1,1,2,2-PCA (1) | PCE (5) | 1,1,1-TCA (200) | 1,1,2-TCA (5) | 1,2,3-TCB | 1,2,4-TCB (5) | 1,2,4-TMB | TCE (5) | TFM (150) | Vinyl chloride (0.5) |
| MW-15S | 4/25/2006 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 10 | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 1.8 | 1 U | 1 U | 1 U | 1 U | 1 U | 6 | 1 U | 0.5 U |
| | 7/25/2006 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 3.4 | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 6.9 | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 1.5 | 1 U | 1 U | 1 U | 1 U | 1 U | 6.6 | 1 U | 0.5 U |
| | 10/25/2006 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1.6 | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 5.1 | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 2.2 | 1 U | 1 U | 1 U | 1 U | 1 U | 4.5 | 1 U | 0.5 U |
| | 1/18/2007 | | 0.5 U | 1 U | 1 | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 | 11 | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 1.7 | 1 U | 1 U | 1 U | 1 U | 1 U | 7.6 | 1 U | 0.5 U |
| | 4/18/2007 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 6.7 | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 1.1 | 1 U | 1 U | 1 U | 1 U | 1 U | 3.9 | 1 U | 0.5 U |
| | 7/25/2007 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.79 | 10 | 5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 2.4 | 1 U | 1 U | 1 U | 1 U | 5 U | 1 U | 1 U | 3.2 | 1 U | 1 U | 1 U | 1 U | 1 U | 7.1 | 1 U | 0.5 U |
| | 10/24/2007 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 3.2 | 5 U | 1 U | 1 L, M7,U | 1 U | 1 U | 4.5 | 11 | 1 U | 1 U | 1 U | 2 | 5 L, M7,U | 1 U | 1 U | 4 | 1 U | 1 U | 1 U | 1 U | 1 U | 22 | 1 L, M7,U | 0.5 L, M7,U |
| | 1/30/2008 | | 0.5 U | 1 U | 2.2 | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 2.2 | 5 U | 1 U | 1 U | 14 | 1 U | 28 | 110 MHA | 1 U | 1 U | 1 U | 9.4 | 5 U | 1 U | 1 U | 2.4 | 1 U | 1 U | 1 U | 1 U | 1 U | 79 M2 | 1 U | 0.5 U |
| | 4/23/2008 | | 0.52 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1.8 | 5 U | 1 U | 1 U | 4.5 | 1 U | 8 | 65 | 1 U | 1 U | 1 U | 2.2 | 5 U | 1 U | 1 U | 1.8 | 1 U | 1 U | 1 U | 1 U | 1 U | 29 | 1 U | 0.5 U |
| | 7/30/2008 | | 0.51 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 5.4 | 5 U | 1 U | 1 U | 6 | 1 U | 18 | 110 | 1 U | 1 U | 1 U | 5.9 | 5 U | 1 U | 1 U | 2.3 | 1 U | 1 U | 1 U | 1 U | 1 U | 73 | 1 U | 0.5 U |
| MW-16 | 4/15/1992 | | 0.5 U | 0.69 | 0.5 | 1.6 | 0.5 U | 0.5 U | 0.5 U | -- | -- | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.88 | 0.5 U | 0.5 U | 0.5 U | 13 | 0.5 U | 140 | 120 | 0.5 U | 0.5 U | 0.5 U | 15 | 0.5 U | 2.4 | 0.5 U | 0.86 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 52 | 0.5 U | 0.5 U |
| | 4/15/1992 | K | 0.5 U | 0.5 U | 0.5 U | 1.1 | 0.5 U | 0.5 U | 0.5 U | -- | -- | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.87 | 0.5 U | 0.5 U | 0.5 U | 13 | 0.5 U | 150 | 130 | 0.5 U | 0.5 U | 0.5 U | 14 | 0.5 U | 2.4 | 0.5 U | 0.83 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 50 | 0.5 U | 0.5 U |
| | 7/15/1992 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 2 U | 2 U | 2 U | 2.4 | 3.3 | 2 U | 2 U | -- | -- | 59 | 81 | 2 U | 2 U | 2 U | 5 | -- | 2 U | 2 U | 2 U | 2 U | 2 U | -- | -- | -- | 35 | 2 U | 2 U |
| | 10/15/1992 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 2.5 U | 2.5 U | 1 U | 3.3 | 4.6 | 2.5 U | 2.5 U | -- | -- | 130 | 92 | 2.5 U | 2.5 U | 2.5 U | 10 | -- | 1 U | 2.5 U | 1 U | 1 U | 2.5 U | -- | -- | -- | 72 | 2.5 U | 2.5 U |
| | 10/15/1992 | K | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 2.5 U | 2.5 U | 1 U | 3.3 | 4.3 | 2.5 U | 2.5 U | -- | -- | 130 | 90 | 2.5 U | 2.5 U | 2.5 U | 10 | -- | 1 U | 2.5 U | 1 U | 1 U | 2.5 U | -- | -- | -- | 71 | 2.5 U | 2.5 U |
| | 1/15/1993 | | 1.2 U | 2.4 U | 2.4 U | 2.4 U | -- | -- | -- | -- | -- | -- | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | -- | -- | 120 | 79 | 2.5 U | 2.5 U | 2.5 U | 11 | -- | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | -- | -- | -- | 51 | 2.5 U | 2.5 U |
| | 4/22/1993 | | 25 U | 55 | 2300 | 1200 | -- | -- | -- | -- | -- | -- | 1 U | 8.1 | 1 U | 1 U | 2.3 B | 1 U | 1 U | -- | -- | 28 | 33 | 1 U | 1 U | 1 U | 4.7 | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 42 | 1 U | 1 U |
| | 7/14/1993 | | 50 U | 100 U | 3100 | 2000 | -- | -- | -- | -- | -- | -- | 20 U | 100 U | 20 U | 20 U | 20 U | 20 U | 20 U | -- | -- | 21 | 17 J | 20 U | 100 U | 20 U | 20 U | -- | 17 J | 20 U | 20 U | 20 U | 20 U | -- | -- | -- | 15 J | 20 U | 20 U |
| | 7/14/1993 | K | 50 U | 100 U | 3100 | 2000 | -- | -- | -- | -- | -- | -- | 20 U | 20 U | 20 U | 20 U | 43 B | 20 U | 20 U | -- | -- | 20 U | 17 J | 20 U | 20 U | 20 U | 20 U | -- | 16 J | 20 U | 20 U | 20 U | 20 U | -- | -- | -- | 17 J | 20 U | 20 U |
| | 10/14/1993 | | 5 U | 10 U | 340 | 10 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 33 | 11 | 1 U | 1 U | 1 U | 5.8 | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 24 | 1 U | 1 U |
| | 1/12/1994 | | 10 U | 20 U | 1000 | 20 U | -- | -- | -- | -- | -- | -- | 1 U | 20 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 56 | 15 | 20 U | 20 U | 1 U | 6.7 | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 22 | 1 U | 1 U |
| | 1/12/1994 | K | 10 U | 20 U | 1000 | 20 U | -- | -- | -- | -- | -- | -- | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | -- | -- | 53 | 14 | 2 U | 2 U | 2 U | 5 | -- | 2 U | 2 U | 2 U | 2 U | 2 U | -- | -- | -- | 19 | 2 U | 2 U |
| | 4/13/1994 | | 10 U | 20 U | 820 | 20 U | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | 71 | 19 | 5 U | 5 U | 5 U | 7.9 | -- | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 37 | 5 U | 5 U |
| | 4/13/1994 | K | 10 U | 20 U | 1000 | 20 U | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | 83 | 20 | 5 U | 5 U | 5 U | 7.4 | -- | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 40 | 5 U | 5 U |
| | 7/20/1994 | | 25 U | 50 U | 1300 | 730 | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | 140 | 23 | 5 U | 5 U | 5 U | 19 | -- | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 76 | 5 U | 5 U |
| | 7/20/1994 | K | 25 U | 50 U | 1300 | 710 | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | 130 | 23 | 5 U | 5 U | 5 U | 17 | -- | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 70 | 5 U | 5 U |
| | 10/13/1994 | | 0.5 U | 1.5 | 2.4 | 9.7 | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | 260 | 71 | 10 U | 10 U | 10 U | 29 | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 91 | 10 U | 10 U |
| | 10/13/1994 | K | 0.53 | 1.6 | 2.4 | 10 | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | 260 | 72 | 10 U | 10 U | 10 U | 29 | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 92 | 10 U | 10 U |
| | 1/16/1995 | | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | 56 | 54 | 5 U | 5 U | 5 U | 5 U | -- | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 17 | 5 U | 5 U |
| | 1/16/1995 | K | 0.5 U | 1 U | 1 U | 1 U | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | 60 | 57 | 5 U | 5 U | 5 U | 5 U | -- | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 19 | 5 U | 5 U |
| | 4/19/1995 | | 5 U | 16 | 36 | 55 | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | 110 | 65 | 10 U | 10 U | 10 U | 10 U | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 34 | 10 U | 10 U |
| | 4/19/1995 | K | 2.5 U | 15 | 33 | 51 | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 5 U | 5 U | 5 B | 5 U | 5 U | -- | -- | 110 | 68 | 5 U | 5 U | 5 U | 7.6 | -- | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 34 | 5 U | 5 U |
| | 7/13/1995 | | 10 U | 20 U | 540 | 20 U | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | 97 | 99 | 5 U | 5 U | 5 U | 13 | -- | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 67 | 5 U | 5 U |
| | 7/13/1995 | K | 10 U | 20 U | 370 | 20 U | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | 93 | 81 | 5 U | 5 U | 5 U | 13 | -- | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 65 | 5 U | 5 U |
| | 10/11/1995 | | 0.5 U | 1 U | 1.8 | 1.3 | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | 230 | 74 | 10 U | 10 U | 10 U | 22 | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 60 | 10 U | 10 U |
| | 10/11/1995 | K | 0.5 U | 1 U | 2 | 1.5 | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | 220 | 73 | 10 U | 10 U | 10 U | 21 | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 58 | 10 U | 10 U |
| | 2/1/1996 | | 0.5 U | 1 U | 11 | 9.7 | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | 130 | 140 | 10 U | 10 U | 10 U | 14 | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 26 | 10 U | 10 U |
| | 2/1/1996 | K | 0.5 U | 1 U | 13 | 11 | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | 130 | 140 | 10 U | 10 U | 10 U | 14 | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 26 | 10 U | 10 U |
| | 4/17/1996 | | 0.5 U | 9.8 | 30 | 33 | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | 120 | 97 | 5 U | 5 U | 5 U | 7.3 | -- | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 36 | 5 U | 5 U |

# Table C-2
## Phibro-Tech, Inc.
## Historical Groundwater Analytical Results
## Volatile Organic Compounds (VOCs) Analytical Summary

| | | | Non-chlorinated VOCs | | | | | | | | | | Chlorinated VOCs | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Well Number | Sample Date | Sample Type | Ben (1) | Tol (150) | e-Ben (300) | T-Xyl (1,750) | N-P Ben | ISB | NAP | 1,4-Diox | PIPT | STY (0.1) | BDCM | Chloro benzene (70) | CCl4 (0.5) | CFM (80) | MCL (5) | Chloro-ethane | Chloro-methane | cis-1,2-DCE (6) | 1,2-DBE (0.05) | 1,1-DCA (5) | 1,2-DCA (0.5) | 1,2-DCB (600) | 1,3-DCB | 1,4-DCB (5) | 1,1-DCE (6) | DCFM | trans-1,2-DCE (10) | 1,1,2,2-PCA (1) | PCE (5) | 1,1,1-TCA (200) | 1,1,2-TCA (5) | 1,2,3-TCB | 1,2,4-TCB (5) | 1,2,4-TMB | TCE (5) | TFM (150) | Vinyl chloride (0.5) |
| MW-16 | 4/17/1996 | K | 0.5 U | 10 | 32 | 35 | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | 120 | 95 | 5 U | 5 U | 5 U | 7.3 | -- | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 34 | 5 U | 5 U |
| | 7/17/1996 | | 0.5 U | 1 U | 6.6 | 3.6 | -- | -- | -- | -- | -- | -- | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | 25 U | -- | -- | 230 | 100 | 25 U | 25 U | 25 U | 25 U | -- | 25 U | 25 U | 25 U | 25 U | 25 U | -- | -- | -- | 110 | 25 U | 25 U |
| | 7/17/1996 | K | 0.5 U | 1 U | 7.5 | 4.1 | -- | -- | -- | -- | -- | -- | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U | -- | -- | 230 | 110 | 20 U | 20 U | 20 U | 20 U | -- | 20 U | 20 U | 20 U | 20 U | 20 U | -- | -- | -- | 87 | 20 U | 20 U |
| | 10/9/1996 | | 5 U | 49 | 130 | 230 | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | 340 | 98 | 10 U | 10 U | 10 U | 10 U | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 73 | 10 U | 10 U |
| | 10/9/1996 | K | 5 U | 47 | 120 | 210 | -- | -- | -- | -- | -- | -- | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | 330 | 96 | 10 U | 10 U | 10 U | 11 | -- | 10 U | 10 U | 10 U | 10 U | 10 U | -- | -- | -- | 71 | 10 U | 10 U |
| | 1/15/1997 | | 1 U | 4.6 | 23 | 2 U | -- | -- | -- | -- | -- | -- | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | -- | -- | 150 | 82 | 2 U | 2 U | 2 U | 16 | -- | 2.4 | 2 U | 2 U | 2 U | 2 U | -- | -- | -- | 32 | 2 U | 2 U |
| | 1/15/1997 | K | 1 U | 4.9 | 24 | 2 U | -- | -- | -- | -- | -- | -- | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | -- | -- | 170 | 87 | 2 U | 2 U | 2 U | 21 | -- | 2.8 | 2 U | 2 U | 2 U | 2 U | -- | -- | -- | 39 | 2 U | 2 U |
| | 4/17/1997 | | 1 U | 2 U | 7.2 | 2.4 | -- | -- | -- | -- | -- | -- | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | -- | -- | 81 | 110 | 2 U | 2 U | 2 U | 6.8 | -- | 2 U | 2 U | 2.4 | 2 U | 2 U | -- | -- | -- | 31 | 2 U | 2 U |
| | 4/17/1997 | K | 1 U | 2 U | 6.9 | 2.3 | -- | -- | -- | -- | -- | -- | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | -- | -- | 75 | 97 | 2 U | 2 U | 2 U | 6.1 | -- | 2 U | 2 U | 2.2 | 2 U | 2 U | -- | -- | -- | 30 | 2 U | 2 U |
| | 7/10/1997 | | 1.2 U | 2.5 U | 6.5 | 2.5 U | -- | -- | -- | -- | -- | -- | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | -- | -- | 82 | 150 | 2.5 U | 2.5 U | 2.5 U | 7.4 | -- | 2.5 U | 2.5 U | 3.1 | 2.5 U | 2.5 U | -- | -- | -- | 30 | 2.5 U | 2.5 U |
| | 7/10/1997 | K | 1.2 U | 2.5 U | 6.8 | 2.5 U | -- | -- | -- | -- | -- | -- | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | -- | -- | 79 | 150 | 2.5 U | 2.5 U | 2.5 U | 7.3 | -- | 2.5 U | 2.5 U | 3.1 | 2.5 U | 2.5 U | -- | -- | -- | 31 | 2.5 U | 2.5 U |
| | 10/16/1997 | | 2.5 U | 5 U | 8.2 | 5 U | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | 260 | 110 | 5 U | 5 U | 5 U | 24 | -- | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 53 | 5 U | 5 U |
| | 1/15/1998 | | 0.5 U | 1 U | 12 | 3.8 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 92 | 57 | 1 U | 1 U | 1 U | 13 | -- | 2.4 | 1 U | 1.8 | 1 U | 1 U | -- | -- | -- | 29 | 1 U | 1 U |
| | 4/23/1998 | | 0.5 U | 1 U | 28 | 2.7 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 98 | 44 | 1 U | 1 U | 1 U | 11 | -- | 1 U | 1 U | 1.2 | 1 U | 1 U | -- | -- | -- | 29 | 1 U | 1 U |
| | 7/15/1998 | | 0.5 U | 1 U | 6 | 1.8 | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | 61 | 57 | 1 U | 1 U | 1 U | 6.8 | -- | 1 U | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 28 | 1 U | 1 U |
| | 10/21/1998 | | 2.5 U | 5 U | 16 | 5 U | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | 270 | 100 | 5 U | 5 U | 5 U | 19 | -- | 5.1 | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 58 | 5 U | 5 U |
| | 10/21/1998 | K | 2.5 U | 5 U | 16 | 5 U | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | 230 | 100 | 5 U | 5 U | 5 U | 17 | -- | 5 U | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 52 | 5 U | 5 U |
| | 1/15/1999 | | 1 U | 2 U | 11 | 2 U | -- | -- | -- | -- | -- | -- | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | -- | -- | 170 | 41 | 2 U | 2 U | 2 U | 17 | -- | 4.6 | 2 U | 2 U | 2 U | 2 U | -- | -- | -- | 36 | 2 U | 2 U |
| | 1/15/1999 | K | 2 U | 2 U | 11 U | 2 U | -- | -- | -- | -- | -- | -- | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | -- | -- | 180 | 42 | 2 U | 2 U | 2 U | 17 | -- | 4.7 | 2 U | 2 U | 2 U | 2 U | -- | -- | -- | 39 U | 2 U | 2 U |
| | 4/15/1999 | | 2 U | 2 U | 6.1 | 2 U | -- | -- | -- | -- | -- | -- | 2 U | 2 U | 2 U | 2 U | 2 U | 4 U | 4 U | 13 | -- | 180 | 41 | 2 U | 2 U | 2 U | 20 | -- | 3.4 | 2 U | 2 U | 2 U | 2 U | -- | -- | -- | 39 | 4 U | 4 U |
| | 7/15/1999 | | 2 U | 2 U | 33 | 2 U | -- | -- | -- | -- | -- | -- | 2 U | 2 U | 2 U | 2 U | 2 U | 4 U | 4 U | 12 | -- | 130 | 26 | 2 U | 2 U | 2 U | 13 | -- | 3.2 | 2 U | 22 | 2 U | 2 U | -- | -- | -- | 29 | 4 U | 4 U |
| | 10/15/1999 | | 5 U | 5 U | 5 U | 10 U | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 5 U | 5 U | 5 U | 10 U | 10 U | 41 | -- | 220 | 26 | 5 U | 5 U | 5 U | 30 | -- | 8.4 | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 42 | 10 U | 10 U |
| | 1/28/2000 | | 1 U | 1 U | 1 U | 2 U | -- | -- | -- | -- | -- | -- | 1 U | 1 U | 1 U | 1 U | 1 U | 2 U | 2 U | 15 | -- | 69 | 7.5 | 1 U | 1 U | 1 U | 14 | -- | 3.4 | 1 U | 1 U | 1 U | 1 U | -- | -- | -- | 18 | 2 U | 2 U |
| | 4/15/2000 | | 2 U | 2 U | 2 U | 2 U | -- | -- | -- | -- | -- | -- | 2 U | 2 U | 2 U | 2 U | 2 U | 4 U | 4 U | 7.6 | -- | 97 | 7.4 | 2 U | 2 U | 2 U | 11 | -- | 2 U | 2 U | 2 U | 2 U | 2 U | -- | -- | -- | 26 | 4 U | 4 U |
| | 10/15/2000 | | 2.5 U | 2.5 U | 7 | 2.5 U | -- | -- | -- | -- | -- | -- | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 5 U | 5 U | 14 | -- | 130 | 43 | 2.5 U | 2.5 U | 2.5 U | 10 | -- | 2.6 | 2.5 U | 2.5 U | 2.5 U | 2.5 U | -- | -- | -- | 36 | 5 U | 5 U |
| | 4/15/2001 | | 2 U | 2 U | 39 | 11.6 | -- | -- | -- | -- | -- | -- | 2 U | 2 U | 2 U | 2 U | 2 U | 4 U | 4 U | 8 | -- | 97 | 75 | 2 U | 2 U | 2 U | 11 | -- | 2 U | 2 U | 2 U | 2 U | 2 U | -- | -- | -- | 36 | 4 U | 4 U |
| | 7/19/2001 | | 2.5 U | 2.5 U | 2.7 | 2.5 U | -- | -- | -- | -- | -- | -- | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 5 U | 5 U | 7.2 | -- | 72 | 160 | 2.5 U | 2.5 U | 2.5 U | 7.3 | -- | 2.5 U | 2.5 U | 2.5 U | 2.5 U | 2.5 U | -- | -- | -- | 26 | 5 U | 5 U |
| | 10/18/2001 | | 2 U | 2 U | 41 | 2 U | -- | -- | -- | -- | -- | -- | 2 U | 2 U | 2 U | 2 U | 2 U | 4 U | 4 U | 14 | -- | 130 | 49 | 2 U | 2 U | 2 U | 13 | -- | 2.8 | 2 U | 2 U | 2 U | 2 U | -- | -- | -- | 34 | 4 U | 4 U |
| | 1/17/2002 | | 2 U | 2 U | 2 U | 2 U | -- | -- | -- | -- | -- | -- | 2 U | 2 U | 2 U | 2 U | 2 U | 4 U | 4 U | 8.3 | -- | 100 | 39 | 2 U | 2 U | 2 U | 11 | -- | 2 U | 2 U | 2 U | 2 U | 2 U | -- | -- | -- | 31 | 4 U | 4 U |
| | 4/18/2002 | | 2 U | 2 U | 2 U | 4 U | -- | -- | -- | -- | -- | -- | 2 U | 2 U | 2 U | 2 U | 2 U | 4 U | 4 U | 6.5 | -- | 110 | 90 | 2 U | 2 U | 2 U | 10 | -- | 2 U | 2 U | 2 U | 2 U | 2 U | -- | -- | -- | 37 | 4 U | 4 U |
| | 7/26/2002 | | 5 U | 5 U | 5 U | 10 U | -- | -- | -- | -- | -- | -- | 5 U | 5 U | 5 U | 5 U | 5 U | 10 U | 10 U | 27 | -- | 220 | 35 | 5 U | 5 U | 5 U | 22 | -- | 5.5 | 5 U | 5 U | 5 U | 5 U | -- | -- | -- | 47 | 10 U | 10 U |
| | 10/24/2002 | | 2 U | 2 U | 2 U | 4 U | -- | -- | -- | -- | -- | -- | 2 U | 2 U | 2 U | 2 U | 2 U | 4 U | 4 U | 20 | -- | 120 | 13 | 2 U | 2 U | 2 U | 16 | -- | 4.2 | 2 U | 2 U | 2 U | 2 U | -- | -- | -- | 25 | 4 U | 4 U |
| | 1/9/2003 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 14 | 1 U | 75 | 8.1 | 1 U | 1 U | 1 U | 11 | 5 U | 2.7 | 1 U | 1.8 | 1 U | 1 U | 1 U | 1 U | 1 U | 20 | 1 U | 0.59 |
| | 4/24/2003 | | 0.5 U | 1 U | 8.3 | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 6.1 | 1 U | 63 | 14 | 1 U | 1 U | 1 U | 7 | 5 U | 1.3 | 1 U | 2.2 | 1 U | 1 U | 1 U | 1 U | 1 U | 20 | 1 U | 0.5 U |
| | 7/31/2003 | | 0.51 | 1 U | 1.5 | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 | 5 U | 1 U | 1 U | 29 | 1 U | 180 | 25 | 1 U | 1 U | 1 U | 19 | 5 U | 6.1 | 1 U | 2.3 | 1 U | 1 U | 1 U | 1 U | 1 U | 38 | 1 U | 0.69 |
| | 10/22/2003 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 25 | 1 U | 100 | 10 | 1 U | 1 U | 1 U | 11 | 5 U | 4.2 | 1 U | 1.5 | 1 U | 1 U | 1 U | 1 U | 1 U | 22 | 1 U | 0.67 |
| | 1/23/2004 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 15 | 1 U | 63 | 8.1 | 1 U | 1 U | 1 U | 7.1 | 5 U | 3.2 | 1 U | 1.8 | 1 U | 1 U | 1 U | 1 U | 1 U | 17 | 1 U | 0.58 |
| | 4/21/2004 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 10 | 1 U | 39 | 5.6 | 1 U | 1 U | 1 U | 4.9 | 5 U | 2.2 | 1 U | 2 | 1 U | 1 U | 1 U | 1 U | 1 U | 19 | 1 U | 0.5 U |
| | 7/21/2004 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 4.4 | 1 U | 12 | 3.2 | 1 U | 1 U | 1 U | 2 | 5 U | 1 | 1 U | 2 | 1 U | 1 U | 1 U | 1 U | 1 U | 12 | 1 U | 0.5 U |

## Table C-2
## Phibro-Tech, Inc.
## Historical Groundwater Analytical Results
## Volatile Organic Compounds (VOCs) Analytical Summary

| | | | Non-chlorinated VOCs | | | | | | | | | | Chlorinated VOCs | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Well Number | Sample Date | Sample Type | Ben (1) | Tol (150) | e-Ben (300) | T-Xyl (1,750) | N-P Ben | ISB | NAP | 1,4-Diox | PIPT | STY (0.1) | BDCM | Chloro benzene (70) | CCl4 (0.5) | CFM (80) | MCL (5) | Chloro-ethane | Chloro-methane | cis-1,2-DCE (6) | 1,2-DBE (0.05) | 1,1-DCA (5) | 1,2-DCA (0.5) | 1,2-DCB (600) | 1,3-DCB | 1,4-DCB (5) | 1,1-DCE (6) | DCFM | trans-1,2-DCE (10) | 1,1,2,2-PCA (1) | PCE (5) | 1,1,1-TCA (200) | 1,1,2-TCA (5) | 1,2,3-TCB | 1,2,4-TCB (5) | 1,2,4-TMB | TCE (5) | TFM (150) | Vinyl chloride (0.5) |
| MW-16 | 1/27/2005 | | 0.61 | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 5.6 | 1 U | 84 | 1.5 | 1 U | 1 U | 1 U | 15 | 5 U | 1 U | 1 U | 12 | 1 U | 1 U | 1 U | 1 U | 1 U | 33 | 1 U | 0.5 U |
| | 4/27/2005 | | 0.5 U | 1 U | 1 U | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1.9 | 5 U | 1 U | 1 U | 11 | 1 U | 190 | 4.3 | 1 U | 1 U | 1 U | 26 | 5 U | 2.2 | 1 U | 8.8 | 1 U | 1 U | 1 U | 1 U | 1 U | 65 | 1 U | 0.5 U |
| | 7/27/2005 | | 2 U | 4 U | 4 U | 8 U | 4 U | 4 U | 4 U | -- | 4 U | 4 U | 4 U | 4 U | 2 U | 4 U | 20 U | 4 U | 4 U | 34 | 4 U | 200 | 36 | 4 U | 4 U | 4 U | 20 | 20 U | 6.2 | 4 U | 6.2 | 4 U | 4 U | 4 U | 4 U | 4 U | 57 | 4 U | 2 U |
| | 10/20/2005 | | 2.5 U | 5 U | 5 U | 10 U | 5 U | 5 U | 5 U | -- | 5 U | 5 U | 5 U | 5 U | 2.5 U | 5 U | 25 U | 5 U | 5 U | 51 | 5 U | 350 | 58 | 5 U | 5 U | 5 U | 42 | 25 U | 9.9 | 5 U | 7.8 | 5 U | 5 U | 5 U | 5 U | 5 U | 120 | 5 U | 2.5 U |
| | 1/27/2006 | | 2.5 U | 5 U | 5 U | 10 U | 5 U | 5 U | 5 U | -- | 5 U | 5 U | 5 U | 5 U | 2.5 U | 5 U | 25 U | 5 U | 5 U | 24 | 5 U | 270 | 30 | 5 U | 5 U | 5 U | 30 | 25 U | 5 U | 5 U | 5.4 | 5 U | 5 U | 5 U | 5 U | 5 U | 90 | 5 U | 2.5 U |
| | 4/26/2006 | | 0.58 | 1 U | 2.3 | 2 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1.1 | 5 U | 1 U | 1 U | 10 | 1 U | 140 | 33 | 1 U | 1 U | 1 U | 16 | 5 U | 1.9 | 1 U | 4.5 | 1 U | 1 U | 1 U | 1 U | 1 U | 61 | 1 U | 0.5 U |
| | 7/26/2006 | | 0.64 | 1 U | 1 U | 1 U | 1 U | 1 L,U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1.4 | 5 U | 1 U | 1 U | 34 | 1 U | 230 | 76 | 1 U | 1 U | 1 U | 23 | 5 U | 6.4 | 1 U | 3.7 | 1 U | 1 U | 1 U | 1 U | 1 U | 68 | 1 U | 0.59 |
| | 10/24/2006 | | 0.68 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 37 | 1 U | 210 | 35 | 1 U | 1 U | 1 U | 24 | 5 U | 6.7 | 1 U | 3.5 | 1 U | 1 U | 1 U | 1 U | 1 U | 68 | 1 U | 0.5 U |
| | 1/17/2007 | | 0.58 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 10 | 1 U | 110 | 11 | 1 U | 1 U | 1 U | 15 | 5 U | 1.7 | 1 U | 3.4 | 1 U | 1 U | 1 U | 1 U | 1 U | 40 | 1 U | 0.5 U |
| | 4/17/2007 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 10 | 1 U | 100 | 22 | 1 U | 1 U | 1 U | 11 | 5 U | 2.1 | 1 U | 3.1 | 1 U | 1 U | 1 U | 1 U | 1 U | 44 | 1 U | 0.5 U |
| | 7/26/2007 | | 1 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | -- | 2 U | 2 U | 2 U | 2 U | 1 U | 2 U | 10 U | 2 U | 2 U | 34 | 2 U | 200 | 41 | 2 U | 2 U | 2 U | 20 | 10 U | 6.1 | 2 U | 3.4 | 2 U | 2 U | 2 U | 2 U | 2 U | 62 | 2 U | 1 U |
| | 10/25/2007 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1.1 | 5 U | 1 U | 1 U | 74 | 1 U | 290 | 9.8 | 1 U | 1 U | 1 U | 30 | 5 U | 12 | 1 U | 2.6 | 1 U | 1 U | 1 U | 1 U | 1 U | 65 | 1 U | 1 |
| | 1/29/2008 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 9.9 | 1 U | 40 | 2.2 | 1 U | 1 U | 1 U | 6.6 | 5 U | 2.8 | 1 U | 2.6 | 1 U | 1 U | 1 U | 1 U | 1 U | 22 | 1 U | 0.5 U |
| | 4/22/2008 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 15 | 1 U | 89 | 2.4 | 1 U | 1 U | 1 U | 12 | 5 U | 3.4 | 1 U | 2.4 | 1 U | 1 U | 1 U | 1 U | 1 U | 27 | 1 U | 0.5 U |
| | 7/30/2008 | | 0.5 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | -- | 1 U | 1 U | 1 U | 1 U | 0.5 U | 1 U | 5 U | 1 U | 1 U | 20 | 1 U | 88 | 3.6 | 1 U | 1 U | 1 U | 12 | 5 U | 5.4 | 1 U | 2.4 | 1 U | 1 U | 1 U | 1 U | 1 U | 26 | 1 U | 0.57 |

***Notes:***

Ben = benzene; Tol = toluene; e-Ben = ethylbenzene; T-Xyl = total xylenes; N-P Ben = N-propyl benzene; ISB = Isopropylbenzene; NAP = Naphthalene; 1,4-Diox = 1,4-Dioxane; PIPT = P-Isopropyl toluene; STY = Styrene; BDCM = Bromodichloromethane; CCl4 = Carbon tetrachloride; CFM = Chloroform; DBE = Dibromoethane; DCA = Dichloroethane; DCB = Dichlorobenzene; DCE = Dichloroethene; DCFM = Dichlorodifluoromethane; MCL = Methylene chloride; PCA = Tetrachloroethane; PCE = Tetrachloroethene; TCA = Trichloroethane; TCB = Trichlorobenzene; TCE = Trichloroethene; TFM = Trichlorofluoromethane

All concentrations are reported in micrograms per liter (ug/L).
Only compounds detected in one or more samples are listed.
U = Not detected at a concentration greater than the reporting limit shown.
C = Calibration vertification recovery was above the method control limit.
R = The Relative Percent Difference (RPD) was above the method control limit due to sample matrix effects. The individual analyte QA/QC recoveries were within acceptance limits.
L = The Laboratory Control Sample recovery was above the method control limits.
M1 = The MS and/or MSD were above the acceptance limits due to sample matrix interference.
P1 = Sample recieved and analyzed without chemical preservation.
B = Analyte was detected in the associated Method Blank or Trip Blank.
E = Indicates that the reported concentration is above the calibration range for the instrument, and concentration reported is an estimate only.
J = Indicates detected concentration is below analytical calibration curve, and is below the official reporting limit, and concentration reported is an estimate only.
La = Laboratory Control Sample recovery was above the method control limits. Analyte not detected, data not impacted.
R-3 = The RPD exceeded the method control limit due to sample matrix effects.
MHA = Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information.
M7 = The MS or MSD were above acceptance limits.
M2 = The MS or MSD were below the acceptance limits due to sample matrix effects.
A-01 = The RPD exceeded the method control limit due to sample matrix effects. The individual analyte QA/QC recoveries, however, were within acceptance limits.
-- = Sample not analyzed for this constituent.

Sample Type:
K = Split sample

# Table C-3
# Phibro-Tech, Inc.
# Historical Groundwater Analytical Results
# Metals and pH Analytical Summary

| Well Number | Sample Date | Sample Type | pH | Antimony 0.006 | Arsenic 0.01 | Barium 1.0 | Beryllium 0.004 | Cadmium 0.005 | Cobalt | Chromium 0.05 | Cr+6 | Copper 1.3*/1.0** | Lead 0.015* | Mercury 0.002 | Iron | Nickel 0.1 | Selenium 0.05 | Silver 0.1** | Thallium 0.002 | Tin | Vanadium | Zinc 5.0** |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-01D | 10/15/1990 | | -- | -- | -- | -- | -- | 0.005 U | -- | 0.012 | 0.02 U | 0.02 U | -- | -- | 2.3 | 0.04 U | -- | -- | -- | -- | -- | 0.044 |
| | 1/15/1991 | | -- | -- | -- | -- | -- | 0.005 U | -- | 0.025 | 0.02 U | 0.02 U | -- | -- | 0.1 U | 0.04 U | -- | -- | -- | -- | -- | 0.02 U |
| | 4/15/1991 | | 7.1 | -- | -- | -- | -- | 0.005 U | -- | 0.012 | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/15/1991 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/23/1991 | | 7.45 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/15/1992 | | 7.6 | -- | -- | -- | -- | 0.0027 U | -- | 0.0081 U | 0.08 | 0.02 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/15/1992 | | 7.9 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/15/1992 | | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/15/1992 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/15/1993 | | 7.6 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/19/1993 | | 7.8 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.021 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/12/1993 | | 7.6 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/12/1993 | | 7.6 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/10/1994 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/11/1994 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/18/1994 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/10/1994 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/17/1995 | | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/17/1995 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/10/1995 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/9/1995 | | 7.5 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/30/1996 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/15/1996 | | 7.6 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/15/1996 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.01 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/7/1996 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/13/1997 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/15/1997 | | 7.5 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

# Table C-3
## Phibro-Tech, Inc.
## Historical Groundwater Analytical Results
## Metals and pH Analytical Summary

| Well Number | Sample Date | Sample Type | pH | Antimony | Arsenic | Barium | Beryllium | Cadmium | Cobalt | Chromium | Cr+6 | Copper | Lead | Mercury | Iron | Nickel | Selenium | Silver | Thallium | Tin | Vanadium | Zinc |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 0.006 | 0.01 | 1.0 | 0.004 | 0.005 | | 0.05 | | 1.3*/1.0** | 0.015* | 0.002 | | 0.1 | 0.05 | 0.1** | 0.002 | | | 5.0** |
| MW-01D | 7/8/1997 | | 7.6 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/14/1997 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/13/1998 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/21/1998 | | 7.6 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/15/1998 | | 7.5 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/20/1998 | | 7.2 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/15/1999 | | 7.2 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.01 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/15/1999 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.025 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/15/1999 | | 7.6 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/15/1999 | | 7.2 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.014 | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/25/2000 | | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.01 | 0.02 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/15/2000 | | 7.5 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.01 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/15/2000 | | 7.5 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.025 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/15/2001 | | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.00066 J | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/17/2001 | | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.0055 | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/16/2001 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.002 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/15/2002 | | 7.5 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.002 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/16/2002 | | 7.5 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.002 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/24/2002 | | 7.5 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.005 | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/22/2002 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.001 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/8/2003 | | 7.29 | -- | -- | -- | -- | 0.005 U | -- | 0.0015 J | 0.001 U | 0.022 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/23/2003 | | 7.14 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/30/2003 | | 7.55 | -- | -- | -- | -- | 0.005 U | -- | 0.024 | 0.001 U | 0.013 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/21/2003 | | 7.44 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.021 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/21/2004 | | 7.39 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/20/2004 | | 7.23 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.041 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/20/2004 | | 7.49 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/11/2004 | | 7.45 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

# Table C-3
## Phibro-Tech, Inc.
## Historical Groundwater Analytical Results
## Metals and pH Analytical Summary

| Well Number | Sample Date | Sample Type | pH | Antimony | Arsenic | Barium | Beryllium | Cadmium | Cobalt | Chromium | Cr+6 | Copper | Lead | Mercury | Iron | Nickel | Selenium | Silver | Thallium | Tin | Vanadium | Zinc |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 0.006 | 0.01 | 1.0 | 0.004 | 0.005 | | 0.05 | | 1.3*/1.0** | 0.015* | 0.002 | | 0.1 | 0.05 | 0.1** | 0.002 | | | 5.0** |
| MW-01D | 1/26/2005 | | 7.29 | -- | -- | -- | -- | 0.005 U | -- | 0.0053 | 0.0026 | 0.013 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/26/2005 | | 7.46 | -- | -- | -- | -- | 0.005 U | -- | 0.011 | 0.01 | 0.015 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/26/2005 | | 7.37 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.0011 | 0.02 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/18/2005 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.019 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/25/2006 | | 7.32 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.022 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/25/2006 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.019 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/26/2006 | | 7.5 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.0013 | 0.019 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/24/2006 | | 7.63 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.031 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/17/2007 | | 7.68 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.0012 | 0.04 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/17/2007 | | 7.64 HFT | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.041 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/24/2007 | | 7.7 HFT | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.0011 | 0.045 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/23/2007 | | 7.7 HFT | -- | -- | -- | -- | 0.005 U | -- | 0.012 | 0.009 | 0.034 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/29/2008 | | 7.63 HFT | -- | -- | -- | -- | 0.005 U | -- | 0.0073 | 0.0062 | 0.016 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/22/2008 | | 7.73 HFT | -- | -- | -- | -- | 0.005 U | -- | 0.0078 | 0.0066 | 0.024 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/30/2008 | | 7.8 HFT | -- | -- | -- | -- | 0.005 U | -- | 0.0093 | 0.0088 | 0.047 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-01S | 1/15/1989 | | 7.1 | -- | -- | -- | -- | 0.003 U | -- | 0.014 | 0.01 U | 0.009 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.015 |
| | 4/15/1989 | | -- | -- | -- | -- | -- | 0.01 U | -- | 0.1 | 0.05 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.02 U |
| | 7/15/1989 | | 7.11 | -- | -- | -- | -- | 0.01 U | -- | 0.06 | 0.05 U | 0.03 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.06 |
| | 10/15/1989 | | -- | -- | -- | -- | -- | 0.01 U | -- | 0.02 U | 0.05 U | 0.05 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.11 |
| | 1/22/1990 | | 7.03 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.02 |
| | 4/10/1990 | | 6.96 | -- | -- | -- | -- | 0.005 U | -- | 0.02 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.02 |
| | 7/15/1990 | | 7.25 | -- | -- | -- | -- | 0.01 U | -- | 0.01 U | 0.02 U | 0.03 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.03 |
| | 10/15/1990 | | -- | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.023 | -- | -- | 0.1 U | 0.04 U | -- | -- | -- | -- | -- | 0.023 |
| | 1/15/1991 | | -- | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | 0.1 U | 0.04 U | -- | -- | -- | -- | -- | 0.051 |
| | 4/15/1991 | | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/15/1991 | | 7 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/21/1991 | | 7.01 | -- | -- | -- | -- | 0.005 U | -- | 0.01 | 0.02 U | 0.02 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

# Table C-3
## Phibro-Tech, Inc.
## Historical Groundwater Analytical Results
## Metals and pH Analytical Summary

| Well Number | Sample Date | Sample Type | pH | Antimony | Arsenic | Barium | Beryllium | Cadmium | Cobalt | Chromium | Cr+6 | Copper | Lead | Mercury | Iron | Nickel | Selenium | Silver | Thallium | Tin | Vanadium | Zinc |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 0.006 | 0.01 | 1.0 | 0.004 | 0.005 | | 0.05 | | 1.3*/1.0** | 0.015* | 0.002 | | 0.1 | 0.05 | 0.1** | 0.002 | | | 5.0** |
| MW-01S | 1/15/1992 | | 7.2 | -- | -- | -- | -- | 0.0027 U | -- | 0.0081 U | 0.1 | 0.04 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/15/1992 | | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | 0.05 U | -- | -- | 0.04 U | -- | -- | -- | -- | -- | -- |
| | 7/15/1992 | | 7.1 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/15/1992 | | 6.9 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.035 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/15/1993 | | 7.1 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/19/1993 | | 7 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/12/1993 | | 7 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/12/1993 | | 6.8 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/10/1994 | | 6.8 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/11/1994 | | 6.8 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/18/1994 | | 7.1 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/10/1994 | | 6.8 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/16/1995 | | 6.8 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/17/1995 | | 7.1 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/10/1995 | | 7 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/9/1995 | | 6.7 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/30/1996 | | 6.8 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/15/1996 | | 7.1 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/15/1996 | | 6.8 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.01 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/7/1996 | | 6.7 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/13/1997 | | 6.8 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.022 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/15/1997 | | 6.8 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/8/1997 | | 6.6 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/14/1997 | | 6.6 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.023 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/13/1998 | | 6.7 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/21/1998 | | 6.8 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.021 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/14/1998 | | 6.6 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/19/1998 | | 6.9 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

# Table C-3
# Phibro-Tech, Inc.
# Historical Groundwater Analytical Results
# Metals and pH Analytical Summary

| Well Number | Sample Date | Sample Type | pH | Antimony 0.006 | Arsenic 0.01 | Barium 1.0 | Beryllium 0.004 | Cadmium 0.005 | Cobalt | Chromium 0.05 | Cr+6 | Copper 1.3*/1.0** | Lead 0.015* | Mercury 0.002 | Iron | Nickel 0.1 | Selenium 0.05 | Silver 0.1** | Thallium 0.002 | Tin | Vanadium | Zinc 5.0** |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-01S | 1/15/1999 | | 6.7 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.01 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/15/1999 | | 6.9 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.025 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/15/1999 | | 7 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.052 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/15/1999 | | 6.8 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.01 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/25/2000 | | 7 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/15/2000 | | 6.9 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.01 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/15/2000 | | 6.9 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/15/2001 | | 6.6 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.002 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/17/2001 | | 6.6 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.002 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/16/2001 | | 6.8 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.0062 | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/15/2002 | | 7.1 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/16/2002 | | 7.1 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.002 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/24/2002 | | 7 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.0018 | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/22/2002 | | 6.9 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.001 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/8/2003 | | 6.78 | -- | -- | -- | -- | 0.005 U | -- | 0.0024 J | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/23/2003 | | 6.86 | -- | -- | -- | -- | 0.01 U | -- | 0.01 U | 0.001 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/29/2003 | | 6.76 | -- | -- | -- | -- | 0.01 U | -- | 0.01 U | 0.001 U | 0.03 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/21/2003 | | 6.94 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/21/2004 | | 6.91 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/20/2004 | | 7.11 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/20/2004 | | 6.84 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.0013 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/26/2005 | | 6.92 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.0018 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/26/2005 | | 7.12 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/26/2005 | | 6.76 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 M2,U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/18/2005 | | 6.76 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/25/2006 | | 6.81 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/25/2006 | | 6.91 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/26/2006 | | 6.81 | -- | -- | -- | -- | 0.01 RL-1,U | -- | 0.01 RL-1,U | 0.001 U | 0.02 RL-1,U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

# Table C-3
## Phibro-Tech, Inc.
## Historical Groundwater Analytical Results
## Metals and pH Analytical Summary

| Well Number | Sample Date | Sample Type | pH | Antimony | Arsenic | Barium | Beryllium | Cadmium | Cobalt | Chromium | Cr+6 | Copper | Lead | Mercury | Iron | Nickel | Selenium | Silver | Thallium | Tin | Vanadium | Zinc |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 0.006 | 0.01 | 1.0 | 0.004 | 0.005 | | 0.05 | | 1.3*/1.0** | 0.015* | 0.002 | | 0.1 | 0.05 | 0.1** | 0.002 | | | 5.0** |
| MW-01S | 10/24/2006 | | 7.03 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/17/2007 | | 7.18 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.012 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/17/2007 | | 7.05 HFT | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/24/2007 | | 7.02 HFT | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/23/2007 | | 7.16 HFT | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/29/2008 | | 7.13 HFT | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/22/2008 | | 7.26 HFT | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/30/2008 | | 7.35 HFT | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.0017 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-02 | 1/15/1989 | | 7.5 | -- | -- | -- | -- | 0.003 U | -- | 0.022 | 0.017 U | 0.009 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.006 U |
| | 4/15/1989 | | -- | -- | -- | -- | -- | 0.01 U | -- | 0.05 | 0.5 | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.02 U |
| | 7/15/1989 | | 7.32 | -- | -- | -- | -- | 0.01 U | -- | 0.06 | 0.05 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.04 |
| | 10/15/1989 | | -- | -- | -- | -- | -- | 0.01 U | -- | 0.02 U | 0.05 U | 0.05 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.02 U |
| | 1/23/1990 | | 7.7 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.01 U |
| | 4/10/1990 | | 7.33 | -- | -- | -- | -- | 0.005 U | -- | 0.02 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.01 |
| | 7/15/1990 | | 7.58 | -- | -- | -- | -- | 0.01 U | -- | 0.01 U | 0.02 U | 0.03 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.04 |
| | 10/15/1990 | | -- | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | 0.1 U | 0.04 U | -- | -- | -- | -- | -- | 0.055 |
| | 1/15/1991 | | -- | -- | -- | -- | -- | 0.005 U | -- | 0.01 | 0.02 U | 0.02 U | -- | -- | 0.67 | 0.04 U | -- | -- | -- | -- | -- | 0.02 U |
| MW-03 | 1/15/1989 | | 7.1 | -- | -- | -- | -- | 0.003 U | -- | 0.014 U | 0.01 U | 0.009 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.006 U |
| | 4/15/1989 | | -- | -- | -- | -- | -- | 0.01 U | -- | 0.07 | 0.05 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.02 U |
| | 4/15/1989 | K | -- | -- | -- | -- | -- | 0.01 U | -- | 0.01 U | 0.0035 | 0.05 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.05 U |
| | 7/15/1989 | | 7.05 | -- | -- | -- | -- | 0.01 U | -- | 0.06 | 0.05 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.2 |
| | 10/15/1989 | | -- | -- | -- | -- | -- | 0.01 U | -- | 0.02 U | 0.05 U | 0.05 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.02 U |
| | 10/15/1989 | K | -- | -- | -- | -- | -- | 0.01 U | -- | 0.02 U | 0.05 U | 0.05 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.02 U |
| | 1/22/1990 | | 7.41 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.01 U |
| | 1/22/1990 | K | 7.46 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.01 |
| | 4/11/1990 | | 6.7 | -- | -- | -- | -- | 0.005 U | -- | 0.02 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.01 U |
| | 7/15/1990 | | 7.14 | -- | -- | -- | -- | 0.01 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.03 |

# Table C-3
## Phibro-Tech, Inc.
## Historical Groundwater Analytical Results
## Metals and pH Analytical Summary

| Well Number | Sample Date | Sample Type | pH | Antimony | Arsenic | Barium | Beryllium | Cadmium | Cobalt | Chromium | Cr+6 | Copper | Lead | Mercury | Iron | Nickel | Selenium | Silver | Thallium | Tin | Vanadium | Zinc |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 0.006 | 0.01 | 1.0 | 0.004 | 0.005 | | 0.05 | | 1.3*/1.0** | 0.015* | 0.002 | | 0.1 | 0.05 | 0.1** | 0.002 | | | 5.0** |
| MW-03 | 10/15/1990 | | -- | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | 5.3 | 0.04 U | -- | -- | -- | -- | -- | 0.02 U |
| | 1/15/1991 | | -- | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | 0.18 | 0.04 U | -- | -- | -- | -- | -- | 0.02 U |
| | 4/15/1991 | | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/15/1991 | | 7.6 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/23/1991 | | 7.19 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.03 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/15/1992 | | 7.6 | -- | -- | -- | -- | 0.0027 U | -- | 0.0081 U | 0.05 U | 0.02 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/15/1992 | | 7.8 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/15/1992 | | 7.2 | -- | -- | -- | -- | 0.005 U | -- | 0.023 | 0.02 U | 0.13 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/15/1992 | | 7.2 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.038 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/15/1993 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.096 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/20/1993 | | 7.2 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/12/1993 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/12/1993 | | 7.2 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/11/1994 | | 6.6 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.4 | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/12/1994 | | 7.2 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/18/1994 | | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/11/1994 | | 7 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/17/1995 | | 7.1 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/17/1995 | | 7.2 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/11/1995 | | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/10/1995 | | 7.2 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/30/1996 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/15/1996 | | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/16/1996 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.01 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/8/1996 | | 7.2 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/14/1997 | | 7.2 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/15/1997 | | 7.2 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/9/1997 | | 7.2 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

# Table C-3
## Phibro-Tech, Inc.
## Historical Groundwater Analytical Results
## Metals and pH Analytical Summary

| Well Number | Sample Date | Sample Type | pH | Antimony | Arsenic | Barium | Beryllium | Cadmium | Cobalt | Chromium | Cr+6 | Copper | Lead | Mercury | Iron | Nickel | Selenium | Silver | Thallium | Tin | Vanadium | Zinc |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 0.006 | 0.01 | 1.0 | 0.004 | 0.005 | | 0.05 | | 1.3*/1.0** | 0.015* | 0.002 | | 0.1 | 0.05 | 0.1** | 0.002 | | | 5.0** |
| MW-03 | 10/15/1997 | | 7.2 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/13/1998 | | 7.2 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/22/1998 | | 7.5 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/15/1998 | | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/20/1998 | | 7.1 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/15/1999 | | 7.2 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/15/1999 | | 7.2 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.025 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/15/1999 | | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/15/1999 | | 7.1 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.01 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/25/2000 | | 7.2 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/15/2000 | | 7.2 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.01 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/15/2000 | | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/15/2001 | | 7.1 | -- | -- | -- | -- | 0.005 U | -- | 0.017 | 0.00069 J | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/17/2001 | | 7 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.002 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/17/2001 | | 7.1 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.002 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/16/2002 | | 7.2 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.002 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/16/2002 | | 7.1 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.002 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/24/2002 | | 7.1 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.001 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/22/2002 | | 7.2 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.001 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/8/2003 | | 6.98 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/23/2003 | | 7.08 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/29/2003 | | 7.09 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/21/2003 | | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/21/2004 | | 7.12 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/20/2004 | | 7.24 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/20/2004 | | 6.88 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/12/2004 | | 7 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/26/2005 | | 7.25 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

# Table C-3
# Phibro-Tech, Inc.
# Historical Groundwater Analytical Results
# Metals and pH Analytical Summary

| Well Number | Sample Date | Sample Type | pH | Antimony | Arsenic | Barium | Beryllium | Cadmium | Cobalt | Chromium | Cr+6 | Copper | Lead | Mercury | Iron | Nickel | Selenium | Silver | Thallium | Tin | Vanadium | Zinc |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 0.006 | 0.01 | 1.0 | 0.004 | 0.005 | | 0.05 | | 1.3*/1.0** | 0.015* | 0.002 | | 0.1 | 0.05 | 0.1** | 0.002 | | | 5.0** |
| MW-03 | 4/26/2005 | | 7.14 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/26/2005 | | 7.01 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/18/2005 | | 6.98 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.017 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/25/2006 | | 7 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/25/2006 | | 7.08 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/25/2006 | | 7.01 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/24/2006 | | 7.23 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/17/2007 | | 7.39 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/17/2007 | | 7.3 HFT | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/25/2007 | | 7.21 HFT | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 C,U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/23/2007 | | 7.38 HFT | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/29/2008 | | 7.17 HFT | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/24/2008 | | 7.71 HFT | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.035 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/30/2008 | | 7.33 HFT | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-04 | 1/15/1989 | | 7.1 | -- | -- | -- | -- | 0.028 | -- | 400 | 33 | 0.009 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.007 |
| | 4/15/1989 | | -- | -- | -- | -- | -- | 0.05 | -- | 100 | 43 | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.02 U |
| | 4/15/1989 | K | -- | -- | -- | -- | -- | 0.08 | -- | 932 | 90 | 0.05 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.05 U |
| | 7/15/1989 | | 6.67 | -- | -- | -- | -- | 0.08 | -- | 98 | 120 | 0.06 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.09 |
| | 7/15/1989 | K | 6.66 | -- | -- | -- | -- | 0.12 | -- | 98 | 110 | 0.08 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.09 |
| | 10/15/1989 | | -- | -- | -- | -- | -- | 0.07 | -- | 120 | 110 | 0.05 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.04 |
| | 10/15/1989 | K | -- | -- | -- | -- | -- | 0.07 | -- | 120 | 110 | 0.05 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.04 |
| | 1/24/1990 | | 6.7 | -- | -- | -- | -- | 0.12 | -- | 95.1 | 109 | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.01 U |
| | 1/24/1990 | K | 6.48 | -- | -- | -- | -- | 0.12 | -- | 97.1 | 108 | 0.02 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.01 |
| | 4/11/1990 | | 6.59 | -- | -- | -- | -- | 0.13 | -- | 80.7 | 81.7 | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.01 U |
| | 4/11/1990 | K | 6.59 | -- | -- | -- | -- | 0.13 | -- | 77.6 | 82.3 | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.01 U |
| | 7/15/1990 | | 6.68 | -- | -- | -- | -- | 0.35 | -- | 101 | 100 | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.04 |
| | 7/15/1990 | K | 6.69 | -- | -- | -- | -- | 0.37 | -- | 106 | 110 | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.03 |

# Table C-3
## Phibro-Tech, Inc.
## Historical Groundwater Analytical Results
## Metals and pH Analytical Summary

| Well Number | Sample Date | Sample Type | pH | Antimony 0.006 | Arsenic 0.01 | Barium 1.0 | Beryllium 0.004 | Cadmium 0.005 | Cobalt | Chromium 0.05 | Cr+6 | Copper 1.3*/1.0** | Lead 0.015* | Mercury 0.002 | Iron | Nickel 0.1 | Selenium 0.05 | Silver 0.1** | Thallium 0.002 | Tin | Vanadium | Zinc 5.0** |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-04 | 10/15/1990 | | -- | 0.06 U | 0.005 U | 0.049 | 0.002 U | 0.023 | 0.01 U | 48.4 | 58.9 | 0.022 | 0.05 U | 0.001 U | -- | 0.04 U | 0.01 U | 0.01 U | 0.5 U | 0.1 U | 0.01 U | 0.051 |
| | 10/15/1990 | K | -- | 0.06 U | 0.005 U | 0.052 | 0.002 U | 0.24 | 0.01 U | 50.7 | 63 | | 0.05 U | 0.001 U | -- | -- | 0.01 U | 0.01 U | 0.5 U | 0.1 U | 0.01 U | 0.19 |
| | 1/15/1991 | | -- | -- | -- | -- | -- | 0.26 | -- | 65.3 | 49.4 | 0.02 U | -- | -- | 0.1 U | 0.04 U | -- | -- | -- | -- | -- | 0.098 |
| | 4/15/1991 | | 7 | -- | -- | -- | -- | 0.076 | -- | 18.4 | 23.8 | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/15/1991 | | 6.7 | -- | -- | -- | -- | 0.61 | -- | 78.5 | 39.1 | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/15/1991 | K | 6.6 | -- | -- | -- | -- | 0.57 | -- | 75 | 9.6 | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/21/1991 | | 6.91 | -- | -- | -- | -- | 0.21 | -- | 40.8 | 42 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/15/1992 | | 6.8 | -- | -- | -- | -- | 0.47 | -- | 34 | 41 | 0.045 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/15/1992 | K | 6.8 | -- | -- | -- | -- | 0.47 | -- | 35 | 42 | 0.063 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/15/1992 | | 6.8 | -- | -- | -- | -- | 0.84 | -- | 29.2 | 32.2 | 0.053 | 0.05 U | -- | -- | 0.04 U | -- | -- | -- | -- | -- | -- |
| | 4/15/1992 | K | 6.7 | -- | -- | -- | -- | 0.38 | -- | 40.3 | 36.1 | 0.51 | 0.053 | -- | -- | 0.04 U | -- | -- | -- | -- | -- | -- |
| | 7/15/1992 | | 6.6 | -- | -- | -- | -- | 0.86 | -- | 59.7 | 79.9 | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/15/1992 | K | 6.7 | -- | -- | -- | -- | 0.78 | -- | 53.8 | 76.8 | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/15/1992 | | 6.8 | -- | -- | -- | -- | 0.32 | -- | 27.1 | 21.6 | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/15/1992 | K | 6.8 | -- | -- | -- | -- | 0.32 | -- | 23.9 | 18 | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/15/1993 | | 7 | -- | -- | -- | -- | 0.28 | -- | 27.4 | 16.4 | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/15/1993 | K | 7.1 | -- | -- | -- | -- | 0.28 | -- | 27.6 | 14.2 | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/20/1993 | | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 2.2 | 1.8 | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/20/1993 | K | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 2.4 | 2.1 | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/13/1993 | | 6.9 | -- | -- | -- | -- | 0.2 | -- | 23.2 | 21 | 0.056 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/13/1993 | K | 7 | -- | -- | -- | -- | 0.19 | -- | 23.3 | 18.7 | 0.053 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/13/1993 | | 6.9 | -- | -- | -- | -- | 0.71 | -- | 80.3 | 35.5 | 0.2 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/14/1993 | K | 7.1 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.04 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/11/1994 | | 6.7 | -- | -- | -- | -- | 0.23 | -- | 36 | 0.36 | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/11/1994 | K | 7.2 | -- | -- | -- | -- | 0.26 | -- | 35.7 | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/13/1994 | | 6.8 | -- | -- | -- | -- | 0.33 | -- | 26.4 | 26.9 | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/13/1994 | K | 6.8 | -- | -- | -- | -- | 0.31 | -- | 25.5 | 25.5 | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/19/1994 | | 6.8 | -- | -- | -- | -- | 0.2 | -- | 41.4 | 59 | 0.038 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

# Table C-3
## Phibro-Tech, Inc.
## Historical Groundwater Analytical Results
## Metals and pH Analytical Summary

| Well Number | Sample Date | Sample Type | pH | Antimony | Arsenic | Barium | Beryllium | Cadmium | Cobalt | Chromium | Cr+6 | Copper | Lead | Mercury | Iron | Nickel | Selenium | Silver | Thallium | Tin | Vanadium | Zinc |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 0.006 | 0.01 | 1.0 | 0.004 | 0.005 | | 0.05 | | 1.3*/1.0** | 0.015* | 0.002 | | 0.1 | 0.05 | 0.1** | 0.002 | | | 5.0** |
| MW-04 | 7/19/1994 | K | 6.8 | -- | -- | -- | -- | 0.2 | -- | 41 | 63.8 | 0.04 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/11/1994 | | 6.5 | -- | -- | -- | -- | 0.45 | -- | 52.8 | 60.7 | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/11/1994 | K | 6.6 | -- | -- | -- | -- | 0.43 | -- | 51.7 | 59.8 | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/18/1995 | | 6.7 | -- | -- | -- | -- | 0.13 | -- | 34.3 | 28.8 | 0.026 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/18/1995 | K | 6.7 | -- | -- | -- | -- | 0.12 | -- | 33.5 | 29 | 0.026 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/18/1995 | | 7 | -- | -- | -- | -- | 0.21 | -- | 9.1 | 8.6 | 0.052 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/18/1995 | K | 7 | -- | -- | -- | -- | 0.22 | -- | 9 | 9.6 | 0.051 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/12/1995 | | 6.7 | -- | -- | -- | -- | 0.27 | -- | 29.6 | 28.1 | 0.1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/12/1995 | K | 6.9 | -- | -- | -- | -- | 0.26 | -- | 29.1 | 20.8 | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/10/1995 | | 6.7 | -- | -- | -- | -- | 0.38 | -- | 28.9 | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/10/1995 | K | 6.7 | -- | -- | -- | -- | 0.38 | -- | 28.1 | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/31/1996 | | 7.1 | -- | -- | -- | -- | 0.19 | -- | 32.4 | 25.7 | 0.02 U | -- | -- | 8.3 | -- | -- | -- | -- | -- | -- | -- |
| | 1/31/1996 | K | 7.1 | -- | -- | -- | -- | 0.19 | -- | 26.9 | 27.2 | 0.025 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/16/1996 | | 6.9 | -- | -- | -- | -- | 0.6 | -- | 38 | 32.2 | 0.02 U | -- | -- | 2.5 | -- | -- | -- | -- | -- | -- | -- |
| | 4/16/1996 | K | 6.9 | -- | -- | -- | -- | 0.63 | -- | 39.6 | 24.6 | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/16/1996 | | 7 | -- | -- | -- | -- | 0.28 | -- | 58.9 | 50 | 0.02 U | -- | -- | 0.1 U | -- | -- | -- | -- | -- | -- | -- |
| | 7/16/1996 | K | 6.9 | -- | -- | -- | -- | 0.28 | -- | 58.5 | 59 | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/9/1996 | | 6.8 | -- | -- | -- | -- | 0.46 | -- | 75.7 | 63.8 | 0.04 U | -- | -- | 0.1 U | -- | -- | -- | -- | -- | -- | -- |
| | 10/9/1996 | K | 6.8 | -- | -- | -- | -- | 0.46 | -- | 74.7 | 53.4 | 0.04 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/14/1997 | | 6.8 | -- | -- | -- | -- | 0.54 | -- | 34.5 | 45.9 | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/14/1997 | K | 6.7 | -- | -- | -- | -- | 0.52 | -- | 33.9 | 34.9 | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/16/1997 | | 6.9 | -- | -- | -- | -- | 0.53 | -- | 18.8 | 27.3 | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/16/1997 | K | 6.9 | -- | -- | -- | -- | 0.54 | -- | 18.8 | 24.9 | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/9/1997 | | 6.8 | -- | -- | -- | -- | 0.62 | -- | 35.2 | 36 | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/9/1997 | K | 6.8 | -- | -- | -- | -- | 0.63 | -- | 35.4 | 36 | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/16/1997 | | 6.6 | -- | -- | -- | -- | 0.64 | -- | 85.3 | 73.8 | 0.08 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/16/1997 | K | 6.7 | -- | -- | -- | -- | 0.63 | -- | 81.6 | 72.7 | 0.04 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/14/1998 | | 6.9 | -- | -- | -- | -- | 0.53 | -- | 44 | 39.2 | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

# Table C-3
## Phibro-Tech, Inc.
## Historical Groundwater Analytical Results
## Metals and pH Analytical Summary

| Well Number | Sample Date | Sample Type | pH | Antimony 0.006 | Arsenic 0.01 | Barium 1.0 | Beryllium 0.004 | Cadmium 0.005 | Cobalt | Chromium 0.05 | Cr+6 | Copper 1.3*/1.0** | Lead 0.015* | Mercury 0.002 | Iron | Nickel 0.1 | Selenium 0.05 | Silver 0.1** | Thallium 0.002 | Tin | Vanadium | Zinc 5.0** |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-04 | 1/14/1998 | K | 6.9 | -- | -- | -- | -- | 0.5 | -- | 42.8 | 43.6 | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/22/1998 | | 7.3 | -- | -- | -- | -- | 0.43 | -- | 14.1 | 7.2 | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/22/1998 | K | 7.3 | -- | -- | -- | -- | 0.42 | -- | 14.1 | 7.8 | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/15/1998 | | 7 | -- | -- | -- | -- | 0.32 | -- | 18.9 | 16.3 | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/15/1998 | K | 7 | -- | -- | -- | -- | 0.32 | -- | 19 | 16.3 | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/21/1998 | | 6.8 | -- | -- | -- | -- | 0.44 | -- | 36.2 | 34.1 | 0.03 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/21/1998 | K | 6.8 | -- | -- | -- | -- | 0.45 | -- | 36.2 | 34.7 | 0.025 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/15/1999 | | 6.4 | -- | -- | -- | -- | 0.58 | -- | 85.2 | 78.6 | 0.04 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/15/1999 | K | 6.4 | -- | -- | -- | -- | 0.58 U | -- | 87.3 | 124 | 0.05 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/15/1999 | | 6.7 | -- | -- | -- | -- | 0.41 | -- | 42.8 | 0.57 | 0.05 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/15/1999 | K | 6.61 | -- | -- | -- | -- | 0.42 | -- | 43.4 | 4.6 | 0.05 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/15/1999 | | 6.9 | -- | -- | -- | -- | 0.42 | -- | 49.7 | 41.1 | 0.05 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/15/1999 | K | 6.9 | -- | -- | -- | -- | 0.42 | -- | 50.6 | 48.5 | 0.05 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/15/1999 | | 6.5 | -- | -- | -- | -- | 0.59 | -- | 105 | 58.2 | 0.075 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/15/1999 | K | 6.6 | -- | -- | -- | -- | 0.58 | -- | 102 | 60.5 | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/27/2000 | | 6.7 | -- | -- | -- | -- | 0.32 | -- | 60 | 76.3 | 0.05 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/27/2000 | K | 6.8 | -- | -- | -- | -- | 0.32 | -- | 58.5 | 69.9 | 0.05 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/15/2000 | | 6.9 | -- | -- | -- | -- | 0.55 | -- | 39.3 | 32.9 | 0.05 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/15/2000 | K | 7 | -- | -- | -- | -- | 0.54 | -- | 38.7 | 33.9 | 0.05 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/15/2000 | | 7 | -- | -- | -- | -- | 0.52 | -- | 42.1 | 45.6 | 0.05 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/15/2000 | K | 7 | -- | -- | -- | -- | 0.52 | -- | 36 | 36.2 | 0.05 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/15/2001 | | 6.8 | -- | -- | -- | -- | 0.38 | -- | 16.8 | 11 | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/15/2001 | K | 6.8 | -- | -- | -- | -- | 0.4 | -- | 17.3 | 12 | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/18/2001 | | 6.9 | -- | -- | -- | -- | 0.32 | -- | 12.6 | 15 | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/18/2001 | K | 6.8 | -- | -- | -- | -- | 0.31 | -- | 11.9 | 14 | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/18/2001 | | 6.9 | -- | -- | -- | -- | 0.44 | -- | 39.8 | 32 | 0.05 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/18/2001 | K | 6.8 | -- | -- | -- | -- | 0.4 | -- | 28.9 | 33 | 0.05 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/17/2002 | | 6.7 | -- | -- | -- | -- | 0.41 | -- | 24.4 | 18 | 0.05 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

# Table C-3
## Phibro-Tech, Inc.
## Historical Groundwater Analytical Results
## Metals and pH Analytical Summary

| Well Number | Sample Date | Sample Type | pH | Antimony 0.006 | Arsenic 0.01 | Barium 1.0 | Beryllium 0.004 | Cadmium 0.005 | Cobalt | Chromium 0.05 | Cr+6 | Copper 1.3*/1.0** | Lead 0.015* | Mercury 0.002 | Iron | Nickel 0.1 | Selenium 0.05 | Silver 0.1** | Thallium 0.002 | Tin | Vanadium | Zinc 5.0** |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-04 | 1/17/2002 | K | 6.9 | -- | -- | -- | -- | 0.35 | -- | 18.9 | 18 | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/18/2002 | | 6.8 | -- | -- | -- | -- | 0.44 | -- | 27.4 | 31 | 0.05 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/18/2002 | K | 6.8 | -- | -- | -- | -- | 0.43 | -- | 26.3 | 31 | 0.05 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/25/2002 | | 6.7 | -- | -- | -- | -- | 0.5 | -- | 32.7 | 25.1 | 0.12 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/25/2002 | K | 6.7 | -- | -- | -- | -- | 0.49 | -- | 29.8 | 30.5 | 0.12 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/23/2002 | | 6.7 | -- | -- | -- | -- | 0.6 | -- | 29 | 32.6 | 0.12 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/23/2002 | K | 6.7 | -- | -- | -- | -- | 0.63 | -- | 30.6 | 30.3 | 0.12 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/30/2002 | | 7.39 | 0.02 U | 0.01 U | 0.34 | 0.008 U | 0.26 | 0.02 U | 9.2 | 11 | 0.02 U | 0.01 U | 0.0012 | -- | 0.02 U | 0.016 | 0.02 U | 0.01 U | -- | 0.02 U | 0.04 U |
| | 12/30/2002 | K | 6.71 | 0.02 U | 0.01 U | 0.66 | 0.008 U | 0.25 | 0.02 U | 9.4 | 9.4 | 0.02 U | 0.01 U | 0.0014 | -- | 0.02 U | 0.01 U | 0.02 U | 0.01 U | -- | 0.02 U | 0.16 |
| | 4/25/2003 | | 6.92 | -- | -- | -- | -- | 0.29 | -- | 16 | 14 | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/25/2003 | K | 6.99 | -- | -- | -- | -- | 0.29 | -- | 16 | 20 | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/30/2003 | | 6.88 | -- | -- | -- | -- | 0.41 | -- | 30 | 29 | 0.03 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/30/2003 | K | 6.83 | -- | -- | -- | -- | 0.47 | -- | 37 | 33 | 0.05 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/23/2003 | | 6.85 | 0.02 U | 0.015 | 0.44 | 0.008 U | 0.24 | 0.02 U | 21 | 20 | 0.02 U | 0.01 U | 0.0014 | -- | 0.02 U | 0.01 U | 0.02 U | 0.01 U | 0.2 U | 0.02 U | 0.046 |
| | 10/23/2003 | K | 6.74 | 0.02 U | 0.01 U | 0.26 | 0.008 U | 0.21 | 0.02 U | 18 | 21 | 0.02 U | 0.01 U | 0.00095 | -- | 0.02 U | 0.01 U | 0.02 U | 0.023 | 0.2 U | 0.02 U | 0.04 U |
| | 1/23/2004 | | 6.71 | -- | -- | -- | -- | 0.32 | -- | 22 | 28 | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/23/2004 | K | 6.78 | -- | -- | -- | -- | 0.27 | -- | 16 | 29 | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/21/2004 | | 6.88 | -- | -- | -- | -- | 0.29 | -- | 20 | 24 | 0.03 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/21/2004 | K | 6.83 | -- | -- | -- | -- | 0.34 | -- | 23 | 28 | 0.04 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/21/2004 | | 6.58 | -- | -- | -- | -- | 0.32 | -- | 26 | 32 | 0.03 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/21/2004 | K | 6.65 | -- | -- | -- | -- | 0.32 | -- | 25 | 32 | 0.03 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/12/2004 | | 6.8 | 0.01 U | 0.005 U | 0.5 | 0.004 U | 0.14 | 0.01 U | 2.5 | 3.7 | 0.01 U | 0.005 U | 0.00098 | -- | 0.01 U | 0.01 U | 0.01 U | 0.005 U | 0.1 U | 0.01 U | 0.14 |
| | 10/12/2004 | K | 6.84 | -- | -- | -- | -- | 0.13 | -- | 2.2 | 3.5 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/27/2005 | | 7.08 | -- | -- | -- | -- | 0.02 | -- | 0.044 | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/27/2005 | K | 7.08 | -- | -- | -- | -- | 0.02 | -- | 0.052 | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/27/2005 | | 6.89 | -- | -- | -- | -- | 0.42 | -- | 23 | 23 | 0.03 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/27/2005 | K | 6.8 | -- | -- | -- | -- | 0.39 | -- | 23 | 24 | 0.03 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/27/2005 | | 6.58 | -- | -- | -- | -- | 0.46 | -- | 18 | 20 | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

# Table C-3
## Phibro-Tech, Inc.
## Historical Groundwater Analytical Results
## Metals and pH Analytical Summary

| Well Number | Sample Date | Sample Type | pH | Antimony 0.006 | Arsenic 0.01 | Barium 1.0 | Beryllium 0.004 | Cadmium 0.005 | Cobalt | Chromium 0.05 | Cr+6 | Copper 1.3*/1.0** | Lead 0.015* | Mercury 0.002 | Iron | Nickel 0.1 | Selenium 0.05 | Silver 0.1** | Thallium 0.002 | Tin | Vanadium | Zinc 5.0** |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-04 | 7/27/2005 | K | 6.56 | -- | -- | -- | -- | 0.46 | -- | 18 | 20 | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/20/2005 | | 6.72 | 0.048 | 0.01 U | 0.39 | 0.008 U | 0.41 | 0.02 U | 13 | 15 | 0.02 U | 0.01 U | 0.0017 | -- | 0.02 U | 0.02 U | 0.02 U | 0.02 U | 0.2 U | 0.02 U | 0.079 |
| | 10/20/2005 | K | 6.75 | -- | -- | -- | -- | 0.41 | -- | 13 | 15 | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/26/2006 | | 6.55 | -- | -- | -- | -- | 0.6 | -- | 25 | 25 | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/26/2006 | K | 6.55 | -- | -- | -- | -- | 0.61 | -- | 25 | 28 | 0.03 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/26/2006 | | 6.63 | -- | -- | -- | -- | 0.56 | -- | 15 | 16 | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/26/2006 | K | 6.62 | -- | -- | -- | -- | 0.57 | -- | 15 | 16 | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/27/2006 | | 6.44 | -- | -- | -- | -- | 0.62 | -- | 27 | 26 | 0.04 RL-1,U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/27/2006 | K | 6.47 | -- | -- | -- | -- | 0.62 | -- | 26 | 29 | 0.04 RL-1,U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/26/2006 | | 6.89 | 0.05 RL-1,U | 0.052 | 0.11 | 0.02 RL-1,U | 0.51 | 0.05 RL-1,U | 15 | 18 | 0.05 RL-1,U | 0.025 RL-1,U | 0.0016 | -- | 0.05 RL-1,U | 0.05 RL-1,U | 0.05 RL-1,U | 0.06 | 0.5 RL-1,U | 0.05 RL-1,U | 0.1 RL-1, |
| | 10/26/2006 | K | 6.82 | -- | -- | -- | -- | 0.56 | -- | 16 | 19 | 0.1 RL-1,U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/18/2007 | | 7.09 | -- | -- | -- | -- | 0.63 | -- | 5.8 | 6.9 | 0.05 RL1,U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/18/2007 | K | 7.04 | -- | -- | -- | -- | 0.63 | -- | 5.6 | 6.6 | 0.05 RL1,U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/18/2007 | | 6.84 HFT | -- | -- | -- | -- | 0.72 | -- | 4.8 | 4.5 | 0.05 RL1,U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/18/2007 | K | 6.8 HFT | -- | -- | -- | -- | 0.73 | -- | 4.4 | 5 | 0.05 RL1,U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/27/2007 | | 6.78 HFT | -- | -- | -- | -- | 0.42 | -- | 10 | 7.7 | 0.02 RL1,U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/27/2007 | K | 6.79 HFT | -- | -- | -- | -- | 0.42 | -- | 10 | 7.5 | 0.02 RL1,U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/25/2007 | | 7.42 HFT | 0.03 RL1,U | 0.03 RL1,U | 0.31 | 0.012 RL1,U | 0.37 | 0.03 RL1,U | 4.2 | 4.5 | 0.03 RL1,U | 0.015 RL1,U | 0.00063 | -- | 0.03 RL1,U | 0.03 RL1,U | 0.03 RL1,U | 0.03 RL1,U | 0.3 RL1,U | 0.03 RL1,U | 0.06 RL1, |
| | 10/25/2007 | K | 7.41 HFT | -- | -- | -- | -- | 0.41 | -- | 4.7 | 4.2 | 0.1 RL1,U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/31/2008 | | 6.96 HFT | -- | -- | -- | -- | 0.6 | -- | 15 | 17 | 0.02 RL1,U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/31/2008 | K | 6.94 HFT | -- | -- | -- | -- | 0.62 | -- | 17 | 14 H,J | 0.02 RL1,U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/24/2008 | | 7.45 HFT | -- | -- | -- | -- | 0.45 | -- | 6.6 | 5.2 | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/24/2008 | K | 7.42 HFT | -- | -- | -- | -- | 0.45 | -- | 6.7 | 5 | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/31/2008 | | 7.15 HFT | -- | -- | -- | -- | 0.44 | -- | 11 | 10 | 0.02 RL1,U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/31/2008 | K | 7.04 HFT | -- | -- | -- | -- | 0.44 | -- | 11 | 11 | 0.02 RL1,U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-04A | 1/15/1989 | | -- | -- | -- | -- | -- | 0.003 U | -- | 0.014 U | 0.01 U | 0.009 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.008 |
| | 4/15/1989 | | -- | -- | -- | -- | -- | 0.01 U | -- | 0.05 | 0.05 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.02 U |

# Table C-3
## Phibro-Tech, Inc.
## Historical Groundwater Analytical Results
## Metals and pH Analytical Summary

| Well Number | Sample Date | Sample Type | pH | Antimony 0.006 | Arsenic 0.01 | Barium 1.0 | Beryllium 0.004 | Cadmium 0.005 | Cobalt | Chromium 0.05 | Cr+6 | Copper 1.3*/1.0** | Lead 0.015* | Mercury 0.002 | Iron | Nickel 0.1 | Selenium 0.05 | Silver 0.1** | Thallium 0.002 | Tin | Vanadium | Zinc 5.0** |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-04A | 7/15/1989 | | 7.44 | -- | -- | -- | -- | 0.01 U | -- | 0.13 | 0.05 U | 0.05 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.08 |
| | 10/15/1989 | | -- | -- | -- | -- | -- | 0.01 U | -- | 0.02 U | 0.05 U | 0.05 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.02 U |
| | 1/24/1990 | | 7.41 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.01 U |
| | 4/12/1990 | | 7.38 | -- | -- | -- | -- | 0.005 U | -- | 0.02 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.01 U |
| | 7/15/1990 | | 7.77 | -- | -- | -- | -- | 0.01 U | -- | 0.01 U | 0.02 U | 0.03 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.04 |
| | 10/15/1990 | | -- | 0.06 U | 0.005 U | 0.033 | 0.002 U | 0.005 U | 0.01 U | 0.038 | 0.02 U | 0.02 U | 0.05 U | 0.001 U | -- | 0.04 U | 0.01 U | 0.01 U | 0.5 U | 0.1 U | 0.01 U | 0.7 |
| | 1/15/1991 | | -- | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | 0.1 U | 0.04 U | -- | -- | -- | -- | -- | 0.02 U |
| | 4/15/1991 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/15/1991 | K | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/15/1991 | | 7.6 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/23/1991 | | 7.33 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/15/1992 | | 7.6 | -- | -- | -- | -- | 0.0027 U | -- | 0.0081 U | 0.05 U | 0.02 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/15/1992 | | 7.6 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/15/1992 | | 7.4 | -- | -- | -- | -- | 0.03 | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/15/1992 | | 7.7 | -- | -- | -- | -- | 0.005 U | -- | 0.011 | 0.02 U | 0.031 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/15/1993 | | 7.6 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/20/1993 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/13/1993 | | 7.5 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.03 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/13/1993 | | 7.5 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/11/1994 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.12 | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/13/1994 | | 7.5 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/19/1994 | | 7.5 | -- | -- | -- | -- | 0.005 U | -- | 0.053 | 0.02 U | 0.023 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/12/1994 | | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.022 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/18/1995 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/18/1995 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/12/1995 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/10/1995 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/31/1996 | | 7.5 | -- | -- | -- | -- | 0.005 U | -- | 0.021 | 0.02 U | 0.021 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

# Table C-3
# Phibro-Tech, Inc.
# Historical Groundwater Analytical Results
# Metals and pH Analytical Summary

| Well Number | Sample Date | Sample Type | pH | Antimony | Arsenic | Barium | Beryllium | Cadmium | Cobalt | Chromium | Cr+6 | Copper | Lead | Mercury | Iron | Nickel | Selenium | Silver | Thallium | Tin | Vanadium | Zinc |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 0.006 | 0.01 | 1.0 | 0.004 | 0.005 | | 0.05 | | 1.3*/1.0** | 0.015* | 0.002 | | 0.1 | 0.05 | 0.1** | 0.002 | | | 5.0** |
| MW-04A | 4/16/1996 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.027 | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/16/1996 | | 7.6 | -- | -- | -- | -- | 0.005 U | -- | 0.018 | 0.016 | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/9/1996 | | 7.6 | -- | -- | -- | -- | 0.005 U | -- | 0.024 | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/14/1997 | | 7.5 | -- | -- | -- | -- | 0.005 U | -- | 0.018 | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/16/1997 | | 7.5 | -- | -- | -- | -- | 0.005 U | -- | 0.016 | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/9/1997 | | 7.6 | -- | -- | -- | -- | 0.005 U | -- | 0.013 | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/16/1997 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.015 | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/14/1998 | | 7.7 | -- | -- | -- | -- | 0.005 U | -- | 0.02 | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/22/1998 | | 7.8 | -- | -- | -- | -- | 0.005 U | -- | 0.018 | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/15/1998 | | 7.5 | -- | -- | -- | -- | 0.005 U | -- | 0.01 | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/20/1998 | | 7.6 | -- | -- | -- | -- | 0.005 U | -- | 0.022 | 0.021 | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/15/1999 | | 7.8 | -- | -- | -- | -- | 0.005 U | -- | 0.025 | 0.02 | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/15/1999 | | 7.54 | -- | -- | -- | -- | 0.005 U | -- | 0.012 | 0.01 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/15/1999 | | 7.6 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/15/1999 | | 7.1 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.017 | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/27/2000 | | 7.8 | -- | -- | -- | -- | 0.005 U | -- | 0.015 | 0.02 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/15/2000 | | 7.6 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.01 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/15/2000 | | 6.8 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/15/2001 | | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.0056 | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/18/2001 | | 7.2 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.0055 | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/17/2001 | | 7.5 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.0077 | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/16/2002 | | 5.9 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.0052 | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/17/2002 | | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.0068 | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/25/2002 | | 7.6 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.0062 | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/23/2002 | | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.0061 | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/9/2003 | | 7.29 | -- | -- | -- | -- | 0.005 U | -- | 0.0089 | 0.0058 | 0.023 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/24/2003 | | 7.17 | -- | -- | -- | -- | 0.005 U | -- | 0.0077 | 0.0055 | 0.035 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/30/2003 | | 6.92 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.0029 | 0.024 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

# Table C-3
# Phibro-Tech, Inc.
# Historical Groundwater Analytical Results
# Metals and pH Analytical Summary

| Well Number | Sample Date | Sample Type | pH | Antimony | Arsenic | Barium | Beryllium | Cadmium | Cobalt | Chromium | Cr+6 | Copper | Lead | Mercury | Iron | Nickel | Selenium | Silver | Thallium | Tin | Vanadium | Zinc |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 0.006 | 0.01 | 1.0 | 0.004 | 0.005 | | 0.05 | | 1.3*/1.0** | 0.015* | 0.002 | | 0.1 | 0.05 | 0.1** | 0.002 | | | 5.0** |
| MW-04A | 10/21/2003 | | 7.02 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.025 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/22/2004 | | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.0027 | 0.03 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/21/2004 | | 7.59 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.0056 | 0.045 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/21/2004 | | 7.04 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.0023 | 0.032 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/12/2004 | | 7.22 | -- | -- | -- | -- | 0.005 U | -- | 0.0081 | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/27/2005 | | 7.32 | -- | -- | -- | -- | 0.005 | -- | 0.012 | 0.011 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/27/2005 | | 7.96 | -- | -- | -- | -- | 0.005 U | -- | 0.0083 | 0.009 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/27/2005 | | 6.89 | -- | -- | -- | -- | 0.005 U | -- | 0.0078 | 0.0054 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/20/2005 | | 7 | -- | -- | -- | -- | 0.005 U | -- | 0.0081 | 0.0085 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/26/2006 | | 7.23 | -- | -- | -- | -- | 0.005 U | -- | 0.0088 | 0.0073 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/26/2006 | | 6.88 | -- | -- | -- | -- | 0.005 U | -- | 0.0074 | 0.0068 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/27/2006 | | 6.63 | -- | -- | -- | -- | 0.005 U | -- | 0.0064 | 0.0057 | 0.014 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/26/2006 | | 6.88 | -- | -- | -- | -- | 0.005 U | -- | 0.0065 | 0.0038 | 0.017 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/18/2007 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.0079 | 0.0062 | 0.016 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/18/2007 | | 7.17 HFT | -- | -- | -- | -- | 0.005 U | -- | 0.0079 | 0.0067 | 0.019 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/27/2007 | | 7.06 HFT | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.0043 | 0.032 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/25/2007 | | 7.91 HFT | -- | -- | -- | -- | 0.005 U | -- | 0.011 | 0.0043 | 0.011 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/31/2008 | | 7.6 HFT | -- | -- | -- | -- | 0.005 U | -- | 0.0092 | 0.0072 H,J | 0.017 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/24/2008 | | 7.67 HFT | -- | -- | -- | -- | 0.005 U | -- | 0.0081 | 0.0061 | 0.024 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/31/2008 | | 7.22 HFT | -- | -- | -- | -- | 0.005 U | -- | 0.0074 | 0.0064 | 0.025 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-05 | 1/15/1989 | | 7.4 | -- | -- | -- | -- | 0.003 U | -- | 0.014 U | 0.01 U | 0.009 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.006 U |
| | 4/15/1989 | | -- | -- | -- | -- | -- | 0.01 U | -- | 0.04 | 0.05 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.02 U |
| | 7/15/1989 | | 6.83 | -- | -- | -- | -- | 0.01 U | -- | 0.04 | 0.05 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.09 |
| | 7/15/1989 | K | 6.8 | -- | -- | -- | -- | 0.01 U | -- | 0.04 | 0.05 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.04 U |
| | 10/15/1989 | | -- | -- | -- | -- | -- | 0.01 U | -- | 0.02 U | 0.05 U | 0.05 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.02 U |
| | 1/25/1990 | | 7.03 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.01 U |
| | 4/10/1990 | | 7.12 | -- | -- | -- | -- | 0.005 U | -- | 0.02 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.02 |

# Table C-3
## Phibro-Tech, Inc.
## Historical Groundwater Analytical Results
## Metals and pH Analytical Summary

| Well Number | Sample Date | Sample Type | pH | Antimony | Arsenic | Barium | Beryllium | Cadmium | Cobalt | Chromium | Cr+6 | Copper | Lead | Mercury | Iron | Nickel | Selenium | Silver | Thallium | Tin | Vanadium | Zinc |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 0.006 | 0.01 | 1.0 | 0.004 | 0.005 | | 0.05 | | 1.3*/1.0** | 0.015* | 0.002 | | 0.1 | 0.05 | 0.1** | 0.002 | | | 5.0** |
| MW-05 | 7/15/1990 | | 7.08 | -- | -- | -- | -- | 0.01 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.02 |
| | 10/15/1990 | | -- | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | 0.1 U | 0.04 U | -- | -- | -- | -- | -- | 0.2 |
| | 1/15/1991 | | -- | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | 0.35 | 0.04 U | -- | -- | -- | -- | -- | 2.7 |
| MW-06B | 1/15/1989 | | -- | -- | -- | -- | -- | 0.003 U | -- | 0.014 U | 0.01 U | 0.009 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.021 |
| | 4/15/1989 | | -- | -- | -- | -- | -- | 0.01 U | -- | 0.06 | 0.05 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.02 U |
| | 7/15/1989 | | 7.3 | -- | -- | -- | -- | 0.01 U | -- | 0.04 | 0.05 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.09 |
| | 10/15/1989 | | -- | -- | -- | -- | -- | 0.01 U | -- | 0.02 U | 0.05 U | 0.05 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.02 U |
| | 1/24/1990 | | 7.36 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.02 |
| | 4/12/1990 | | 7.65 | -- | -- | -- | -- | 0.005 U | -- | 0.02 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.01 U |
| | 7/15/1990 | | 7.57 | -- | -- | -- | -- | 0.01 U | -- | 0.02 | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.01 |
| | 10/15/1990 | | -- | -- | -- | -- | -- | 0.005 U | -- | 0.012 | 0.02 U | 0.02 U | -- | -- | -- | 0.04 U | -- | -- | -- | -- | -- | 0.058 |
| | 1/15/1991 | | -- | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | 0.19 | 0.04 U | -- | -- | -- | -- | -- | 0.024 |
| | 4/15/1992 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.014 | 0.02 U | 0.02 U | 0.05 U | -- | -- | 0.04 U | -- | -- | -- | -- | -- | -- |
| | 7/15/1992 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.019 | 0.02 U | 0.054 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/15/1992 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/15/1993 | | 7.5 | -- | -- | -- | -- | 0.005 U | -- | 0.011 | 0.02 U | 0.038 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/21/1993 | | 6.9 | -- | -- | -- | -- | 0.005 U | -- | 0.014 | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/13/1993 | | 7.6 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/13/1993 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.011 | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/11/1994 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/12/1994 | | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/19/1994 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/12/1994 | | 7.2 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/17/1995 | | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/18/1995 | | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/11/1995 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/10/1995 | | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

# Table C-3
## Phibro-Tech, Inc.
## Historical Groundwater Analytical Results
## Metals and pH Analytical Summary

| Well Number | Sample Date | Sample Type | pH | Antimony | Arsenic | Barium | Beryllium | Cadmium | Cobalt | Chromium | Cr+6 | Copper | Lead | Mercury | Iron | Nickel | Selenium | Silver | Thallium | Tin | Vanadium | Zinc |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 0.006 | 0.01 | 1.0 | 0.004 | 0.005 | | 0.05 | | 1.3*/1.0** | 0.015* | 0.002 | | 0.1 | 0.05 | 0.1** | 0.002 | | | 5.0** |
| MW-06B | 1/30/1996 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/16/1996 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.011 | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/16/1996 | | 7.5 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.01 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/8/1996 | | 7.1 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/14/1997 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/16/1997 | | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/9/1997 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/15/1997 | | 7 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/14/1998 | | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/22/1998 | | 7.6 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/15/1998 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/20/1998 | | 7.1 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/15/1999 | | 7.2 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/15/1999 | | 7.01 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.01 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/15/1999 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/15/1999 | | 7.2 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.01 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/25/2000 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/15/2000 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.01 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/15/2000 | | 7.6 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/15/2001 | | 7.2 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.0051 | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/18/2001 | | 7.2 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.0053 | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/17/2001 | | 7.5 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.0049 | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/16/2002 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.0051 | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/17/2002 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.0066 | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/25/2002 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.0036 | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/23/2002 | | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.001 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/9/2003 | | 7.18 | -- | -- | -- | -- | 0.005 U | -- | 0.0097 | 0.0068 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/24/2003 | | 7.43 | -- | -- | -- | -- | 0.005 U | -- | 0.0078 | 0.0073 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

# Table C-3
## Phibro-Tech, Inc.
## Historical Groundwater Analytical Results
## Metals and pH Analytical Summary

| Well Number | Sample Date | Sample Type | pH | Antimony 0.006 | Arsenic 0.01 | Barium 1.0 | Beryllium 0.004 | Cadmium 0.005 | Cobalt | Chromium 0.05 | Cr+6 | Copper 1.3*/1.0** | Lead 0.015* | Mercury 0.002 | Iron | Nickel 0.1 | Selenium 0.05 | Silver 0.1** | Thallium 0.002 | Tin | Vanadium | Zinc 5.0** |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-06B | 7/30/2003 | | 7.73 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.0043 O-09 | 0.01 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/22/2003 | | 7.63 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/22/2004 | | 7.17 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/20/2004 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.0031 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/21/2004 | | 7.05 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/12/2004 | | 7.21 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.002 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/26/2005 | | 6.92 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.0038 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/27/2005 | | 7 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/27/2005 | | 6.81 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.0012 | 0.013 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/19/2005 | | 6.78 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.0016 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/26/2006 | | 7.13 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.0034 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/26/2006 | | 7.11 | -- | -- | -- | -- | 0.005 U | -- | 0.008 | 0.0076 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/26/2006 | | 6.98 | -- | -- | -- | -- | 0.005 U | -- | 0.0054 | 0.0063 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/25/2006 | | 7.24 | -- | -- | -- | -- | 0.005 U | -- | 0.0051 | 0.0043 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/18/2007 | | 7.61 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.005 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/17/2007 | | 7.5 HFT | -- | -- | -- | -- | 0.005 U | -- | 0.0084 | 0.0065 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/26/2007 | | 7.56 HFT | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.004 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/25/2007 | | 7.72 HFT | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/29/2008 | | 7.41 HFT | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/24/2008 | | 7.68 HFT | -- | -- | -- | -- | 0.005 U | -- | 0.0069 | 0.004 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/31/2008 | | 7.4 HFT | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.0012 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-06D | 10/15/1990 | | -- | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 | -- | -- | -- | 0.04 U | -- | -- | -- | -- | -- | 0.078 |
| | 1/15/1991 | | -- | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | 0.13 | 0.04 U | -- | -- | -- | -- | -- | 0.022 |
| | 4/15/1992 | | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | 0.05 U | -- | -- | 0.04 U | -- | -- | -- | -- | -- | -- |
| | 7/15/1992 | | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/15/1992 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/15/1993 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.012 | 0.02 U | 0.095 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

# Table C-3
## Phibro-Tech, Inc.
## Historical Groundwater Analytical Results
## Metals and pH Analytical Summary

| Well Number | Sample Date | Sample Type | pH | Antimony | Arsenic | Barium | Beryllium | Cadmium | Cobalt | Chromium | Cr+6 | Copper | Lead | Mercury | Iron | Nickel | Selenium | Silver | Thallium | Tin | Vanadium | Zinc |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 0.006 | 0.01 | 1.0 | 0.004 | 0.005 | | 0.05 | | 1.3*/1.0** | 0.015* | 0.002 | | 0.1 | 0.05 | 0.1** | 0.002 | | | 5.0** |
| MW-06D | 4/21/1993 | | 6.9 | -- | -- | -- | -- | 0.005 U | -- | 0.012 | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/13/1993 | | 7.7 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/13/1993 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.011 | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/11/1994 | | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/12/1994 | | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/19/1994 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/12/1994 | | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/18/1995 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/18/1995 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/11/1995 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/10/1995 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/30/1996 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/16/1996 | | 7.5 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/16/1996 | | 7.5 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.01 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/8/1996 | | 7.5 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/14/1997 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/16/1997 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/9/1997 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/15/1997 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.031 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/14/1998 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.024 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/22/1998 | | 7.7 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/15/1998 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/20/1998 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/15/1999 | | 7.5 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/15/1999 | | 7.26 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.01 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/15/1999 | | 7.5 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/15/1999 | | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.01 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/25/2000 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

# Table C-3
## Phibro-Tech, Inc.
## Historical Groundwater Analytical Results
## Metals and pH Analytical Summary

| Well Number | Sample Date | Sample Type | pH | Antimony | Arsenic | Barium | Beryllium | Cadmium | Cobalt | Chromium | Cr+6 | Copper | Lead | Mercury | Iron | Nickel | Selenium | Silver | Thallium | Tin | Vanadium | Zinc |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 0.006 | 0.01 | 1.0 | 0.004 | 0.005 | | 0.05 | | 1.3*/1.0** | 0.015* | 0.002 | | 0.1 | 0.05 | 0.1** | 0.002 | | | 5.0** |
| MW-06D | 4/15/2000 | | 7.5 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.01 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/15/2000 | | 7.5 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/15/2001 | | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.0026 | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/18/2001 | | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.0024 | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/17/2001 | | 7.6 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.002 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/16/2002 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.002 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/17/2002 | | 7.5 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.0027 | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/25/2002 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.0015 | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/23/2002 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.0025 | 0.043 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/8/2003 | | 7.41 | -- | -- | -- | -- | 0.005 U | -- | 0.002 J | 0.0018 | 0.012 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/24/2003 | | 7.23 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.0021 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/30/2003 | | 7.28 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.0023 O-09 | 0.014 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/22/2003 | | 7.84 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.002 | 0.014 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/22/2004 | | 7.35 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.003 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/20/2004 | | 7.56 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.0032 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/21/2004 | | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.0055 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/12/2004 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.006 | 0.0069 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/26/2005 | | 7.31 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.0047 | 0.014 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/27/2005 | | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.0087 | 0.0081 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/27/2005 | | 7.23 | -- | -- | -- | -- | 0.005 U | -- | 0.006 | 0.0056 | 0.021 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/19/2005 | | 7.25 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.003 | 0.01 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/26/2006 | | 7.46 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.0011 | 0.01 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/26/2006 | | 7.36 | -- | -- | -- | -- | 0.005 U | -- | 0.005 | 0.0035 | 0.016 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/26/2006 | | 7.45 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.0045 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/25/2006 | | 7.54 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.0022 | 0.01 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/18/2007 | | 7.71 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.0015 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/17/2007 | | 7.67 HFT | -- | -- | -- | -- | 0.005 U | -- | 0.0057 | 0.0039 | 0.014 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/26/2007 | | 7.74 HFT | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.0028 M2 | 0.028 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

# Table C-3
## Phibro-Tech, Inc.
## Historical Groundwater Analytical Results
## Metals and pH Analytical Summary

| Well Number | Sample Date | Sample Type | pH | Antimony | Arsenic | Barium | Beryllium | Cadmium | Cobalt | Chromium | Cr+6 | Copper | Lead | Mercury | Iron | Nickel | Selenium | Silver | Thallium | Tin | Vanadium | Zinc |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 0.006 | 0.01 | 1.0 | 0.004 | 0.005 | | 0.05 | | 1.3*/1.0** | 0.015* | 0.002 | | 0.1 | 0.05 | 0.1** | 0.002 | | | 5.0** |
| MW-06D | 10/25/2007 | | 7.92 HFT | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.0019 | 0.015 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/29/2008 | | 7.62 HFT | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.0035 | 0.013 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/24/2008 | | 7.94 HFT | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.0013 | 0.016 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/31/2008 | | 7.68 HFT | -- | -- | -- | -- | 0.005 U | -- | 0.0052 | 0.0041 | 0.014 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-07 | 1/15/1989 | | -- | -- | -- | -- | -- | 0.003 U | -- | 0.014 U | 0.01 U | 0.009 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.006 U |
| | 4/15/1989 | | -- | -- | -- | -- | -- | 0.01 U | -- | 0.02 | 0.05 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.02 U |
| | 4/15/1989 | K | -- | -- | -- | -- | -- | 0.01 U | -- | 0.01 U | 0.0016 | 0.05 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.05 U |
| | 7/15/1989 | | 7.68 | -- | -- | -- | -- | 0.01 U | -- | 0.03 | 0.05 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.04 U |
| | 10/15/1989 | | -- | -- | -- | -- | -- | 0.01 U | -- | 0.02 U | 0.05 U | 0.05 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.02 U |
| | 1/24/1990 | | 7.69 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.01 U |
| | 4/12/1990 | | 7.91 | -- | -- | -- | -- | 0.005 U | -- | 0.02 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.01 U |
| | 7/15/1990 | | 7.57 | -- | -- | -- | -- | 0.01 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.02 |
| | 10/15/1990 | | -- | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | 0.18 | 0.04 U | -- | -- | -- | -- | -- | 0.19 |
| | 1/15/1991 | | -- | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | 0.22 | 0.04 U | -- | -- | -- | -- | -- | 0.094 |
| | 4/15/1991 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/15/1991 | | 7.2 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/23/1991 | | 7.22 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.01 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/15/1992 | | 7.2 | -- | -- | -- | -- | 0.0027 U | -- | 0.0081 U | 0.07 | 0.14 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/15/1992 | | 7.2 | -- | -- | -- | -- | 0.005 U | -- | 0.013 | 0.02 U | 0.032 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/15/1992 | | 7.1 | -- | -- | -- | -- | 0.005 U | -- | 0.095 | 0.02 U | 0.21 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/15/1992 | | 7.1 | -- | -- | -- | -- | 0.005 U | -- | 0.063 | 0.02 U | 0.65 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/15/1993 | | 7.1 | -- | -- | -- | -- | 0.005 U | -- | 0.033 | 0.02 U | 0.19 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/22/1993 | | 7.1 | -- | -- | -- | -- | 0.005 U | -- | 0.011 | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/13/1993 | | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/13/1993 | | 6.6 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.2 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/11/1994 | | 6.8 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/12/1994 | | 6.9 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

# Table C-3
## Phibro-Tech, Inc.
## Historical Groundwater Analytical Results
## Metals and pH Analytical Summary

| Well Number | Sample Date | Sample Type | pH | Antimony | Arsenic | Barium | Beryllium | Cadmium | Cobalt | Chromium | Cr+6 | Copper | Lead | Mercury | Iron | Nickel | Selenium | Silver | Thallium | Tin | Vanadium | Zinc |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 0.006 | 0.01 | 1.0 | 0.004 | 0.005 | | 0.05 | | 1.3*/1.0** | 0.015* | 0.002 | | 0.1 | 0.05 | 0.1** | 0.002 | | | 5.0** |
| MW-07 | 7/19/1994 | | 6.7 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.023 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/12/1994 | | 6.7 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/18/1995 | | 6.5 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.026 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/18/1995 | | 7 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/11/1995 | | 6.7 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/10/1995 | | 6.6 | -- | -- | -- | -- | 0.005 U | -- | 0.014 | 0.02 U | 0.079 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/31/1996 | | 6.6 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.043 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/16/1996 | | 6.9 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/16/1996 | | 6.9 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.01 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/8/1996 | | 6.5 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.036 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/14/1997 | | 6.6 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.029 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/16/1997 | | 6.8 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/9/1997 | | 6.8 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/15/1997 | | 6.5 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.025 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/14/1998 | | 6.7 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.044 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/22/1998 | | 7.2 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/15/1998 | | 6.7 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/20/1998 | | 6.6 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.042 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/15/1999 | | 6.5 | -- | -- | -- | -- | 0.0056 | -- | 0.01 U | 0.02 U | 0.05 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/15/1999 | | 6.81 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.01 U | 0.042 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/15/1999 | | 7 | -- | -- | -- | -- | 0.01 U | -- | 0.02 U | 0.02 U | 0.068 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/15/1999 | | 6.8 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.01 U | 0.071 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/25/2000 | | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/15/2000 | | 7 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.01 U | 0.035 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/15/2000 | | 7.6 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.057 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/15/2001 | | 6.7 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.00098 J | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/18/2001 | | 6.6 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.002 U | 0.037 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/18/2001 | | 6.7 | -- | -- | -- | -- | 0.01 U | -- | 0.02 U | 0.002 U | 0.073 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

# Table C-3
## Phibro-Tech, Inc.
## Historical Groundwater Analytical Results
## Metals and pH Analytical Summary

| Well Number | Sample Date | Sample Type | pH | Antimony | Arsenic | Barium | Beryllium | Cadmium | Cobalt | Chromium | Cr+6 | Copper | Lead | Mercury | Iron | Nickel | Selenium | Silver | Thallium | Tin | Vanadium | Zinc |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 0.006 | 0.01 | 1.0 | 0.004 | 0.005 | | 0.05 | | 1.3*/1.0** | 0.015* | 0.002 | | 0.1 | 0.05 | 0.1** | 0.002 | | | 5.0** |
| MW-07 | 1/17/2002 | | 7.2 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.002 U | 0.034 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/18/2002 | | 7.1 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.002 U | 0.057 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/26/2002 | | 6.9 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.001 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/23/2002 | | 7.5 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.001 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/30/2002 | | 7.45 | 0.01 U | 0.005 U | 0.4 | 0.004 U | 0.005 U | 0.01 U | 0.005 U | 0.001 U | 0.01 U | 0.005 U | 0.00039 | -- | 0.01 U | 0.0085 | 0.01 U | 0.005 U | -- | 0.01 U | 0.14 |
| | 4/24/2003 | | 6.97 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.032 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/30/2003 | | 6.75 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.38 O-09 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/23/2003 | | 7.31 | 0.01 U | 0.005 U | 0.11 | 0.004 U | 0.005 U | 0.01 U | 0.005 U | 0.001 U | 0.01 U | 0.005 U | 0.0002 U | -- | 0.01 U | 0.0085 | 0.01 U | 0.005 U | 0.1 U | 0.01 U | 0.02 U |
| | 1/22/2004 | | 6.88 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/21/2004 | | 7.35 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/21/2004 | | 7.33 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.0018 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/12/2004 | | 7.18 | 0.01 U | 0.005 U | 0.38 | 0.004 U | 0.005 U | 0.01 U | 0.005 U | 0.001 U | 0.01 U | 0.005 U | 0.0002 U | -- | 0.01 U | 0.005 U | 0.01 U | 0.005 U | 0.1 U | 0.01 U | 0.13 |
| | 1/27/2005 | | 6.85 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/27/2005 | | 7.45 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/27/2005 | | 6.71 | -- | -- | -- | -- | 0.01 U | -- | 0.01 U | 0.001 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/19/2005 | | 6.7 | 0.01 U | 0.005 U | 0.52 | 0.004 U | 0.005 U | 0.01 U | 0.005 U | 0.001 U | 0.01 U | 0.005 U | 0.00078 | -- | 0.017 | 0.01 U | 0.01 U | 0.01 U | 0.1 U | 0.01 U | 0.14 |
| | 1/26/2006 | | 6.81 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/26/2006 | | 6.71 | -- | -- | -- | -- | 0.01 U | -- | 0.01 U | 0.001 U | 0.031 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/26/2006 | | 6.75 | -- | -- | -- | -- | 0.01 RL-1,U | -- | 0.01 RL-1,U | 0.001 M2,U | 0.048 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/25/2006 | | 6.92 | 0.05 RL-1,U | 0.053 | 0.057 | 0.02 RL-1,U | 0.025 RL-1,U | 0.05 RL-1,U | 0.025 RL-1,U | 0.001 U | 0.05 RL-1,U | 0.025 RL-1,U | 0.0014 | -- | 0.05 RL-1,U | 0.05 RL-1,U | 0.05 RL-1,U | 0.077 | 0.5 RL-1,U | 0.05 RL-1,U | 0.1 RL-1, |
| | 1/18/2007 | | 7.14 | -- | -- | -- | -- | 0.01 RL1,U | -- | 0.01 RL1,U | 0.001 U | 0.02 RL1,U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/17/2007 | | 6.98 HFT | -- | -- | -- | -- | 0.005 U | -- | 0.0058 | 0.001 U | 0.027 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/26/2007 | | 6.84 HFT | -- | -- | -- | -- | 0.01 RL1,U | -- | 0.01 RL1,U | 0.001 U | 0.02 RL1,U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/25/2007 | | 7.91 HFT | 0.01 U | 0.01 U | 0.033 | 0.004 U | 0.005 U | 0.01 U | 0.005 U | 0.001 U | 0.01 U | 0.005 U | 0.00029 | -- | 0.01 U | 0.01 U | 0.01 U | 0.01 U | 0.1 U | 0.01 U | 0.066 |
| | 1/29/2008 | | 7.21 HFT | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/24/2008 | | 7.69 HFT | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/31/2008 | | 7.66 HFT | -- | -- | -- | -- | 0.005 U | -- | 0.0051 | 0.001 U | 0.014 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

# Table C-3
# Phibro-Tech, Inc.
# Historical Groundwater Analytical Results
# Metals and pH Analytical Summary

| Well Number | Sample Date | Sample Type | pH | Antimony 0.006 | Arsenic 0.01 | Barium 1.0 | Beryllium 0.004 | Cadmium 0.005 | Cobalt | Chromium 0.05 | Cr+6 | Copper 1.3*/1.0** | Lead 0.015* | Mercury 0.002 | Iron | Nickel 0.1 | Selenium 0.05 | Silver 0.1** | Thallium 0.002 | Tin | Vanadium | Zinc 5.0** |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-08 | 1/15/1989 | | -- | -- | -- | -- | -- | 0.003 U | -- | 0.014 U | 0.01 U | 0.009 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.009 |
| | 4/15/1989 | | -- | -- | -- | -- | -- | 0.01 U | -- | 0.03 | 0.05 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.02 U |
| | 7/15/1989 | | 7.28 | -- | -- | -- | -- | 0.01 U | -- | 0.06 | 0.05 U | 0.02 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.05 |
| | 10/15/1989 | | -- | -- | -- | -- | -- | 0.01 U | -- | 0.02 U | 0.05 U | 0.05 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.02 U |
| | 1/23/1990 | | 7.63 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.01 U |
| | 4/13/1990 | | 7.24 | -- | -- | -- | -- | 0.005 U | -- | 0.02 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.02 |
| | 7/15/1990 | | 7.43 | -- | -- | -- | -- | 0.01 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.03 |
| | 10/15/1990 | | -- | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | 0.1 U | 0.04 U | -- | -- | -- | -- | -- | 0.028 |
| | 1/15/1991 | | -- | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | 0.1 U | 0.04 U | -- | -- | -- | -- | -- | 0.78 |
| MW-09 | 1/15/1989 | | -- | -- | -- | -- | -- | 0.003 U | -- | 0.33 | 0.45 | 0.009 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.008 |
| | 4/15/1989 | | -- | -- | -- | -- | -- | 0.01 U | -- | 0.06 | 0.05 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.02 U |
| | 7/15/1989 | | 7.18 | -- | -- | -- | -- | 0.01 U | -- | 0.17 | 0.2 | 0.02 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.08 |
| | 10/15/1989 | | -- | -- | -- | -- | -- | 0.01 U | -- | 1.8 | 2.5 | 0.05 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.02 U |
| | 1/23/1990 | | 7.41 | -- | -- | -- | -- | 0.005 U | -- | 2.2 | 2.28 | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.02 |
| | 4/13/1990 | | 7.15 | -- | -- | -- | -- | 0.005 U | -- | 0.81 | 0.8 | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.03 |
| | 7/15/1990 | | 7.32 | -- | -- | -- | -- | 0.01 U | -- | 0.04 | 0.03 | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.03 |
| | 7/15/1990 | K | 7.31 | -- | -- | -- | -- | 0.005 U | -- | 0.03 | 0.03 | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.02 |
| | 10/15/1990 | | -- | -- | -- | -- | -- | 0.005 U | -- | 0.19 | 0.25 | 0.062 | -- | -- | 0.1 U | 0.04 U | -- | -- | -- | -- | -- | 0.12 |
| | 1/15/1991 | | -- | -- | -- | -- | -- | 0.005 U | -- | 0.085 | 0.124 | 0.02 U | -- | -- | 0.17 | 0.04 U | -- | -- | -- | -- | -- | 0.46 |
| | 4/15/1991 | | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/15/1991 | | 7.2 | -- | -- | -- | -- | 0.005 U | -- | 0.027 | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/22/1991 | | 7.04 | -- | -- | -- | -- | 0.005 U | -- | 0.07 | 0.05 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/15/1992 | | 7.5 | -- | -- | -- | -- | 0.0027 U | -- | 0.0081 U | 0.05 U | 0.031 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/15/1992 | | 7.2 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/15/1992 | | 7.2 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/15/1992 | | 6.7 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/15/1993 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.057 | 0.02 U | 0.053 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

# Table C-3
## Phibro-Tech, Inc.
## Historical Groundwater Analytical Results
## Metals and pH Analytical Summary

| Well Number | Sample Date | Sample Type | pH | Antimony | Arsenic | Barium | Beryllium | Cadmium | Cobalt | Chromium | Cr+6 | Copper | Lead | Mercury | Iron | Nickel | Selenium | Silver | Thallium | Tin | Vanadium | Zinc |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 0.006 | 0.01 | 1.0 | 0.004 | 0.005 | | 0.05 | | 1.3*/1.0** | 0.015* | 0.002 | | 0.1 | 0.05 | 0.1** | 0.002 | | | 5.0** |
| MW-09 | 1/15/1993 | K | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.067 | 0.02 U | 0.083 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/20/1993 | | 7 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/14/1993 | | 6.6 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/14/1993 | | 7 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/12/1994 | | 6.9 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/13/1994 | | 6.9 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/20/1994 | | 6.9 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/13/1994 | | 6.7 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/18/1995 | | 6.8 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/19/1995 | | 6.7 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/13/1995 | | 6.8 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/11/1995 | | 6.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 2/1/1996 | | 6.9 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | 4.1 | -- | -- | -- | -- | -- | -- | -- |
| | 4/17/1996 | | 6.9 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | 0.24 | -- | -- | -- | -- | -- | -- | -- |
| | 7/17/1996 | | 7.1 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.01 U | 0.02 U | -- | -- | 0.1 U | -- | -- | -- | -- | -- | -- | -- |
| | 10/9/1996 | | 6.9 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | 2 | -- | -- | -- | -- | -- | -- | -- |
| | 1/15/1997 | | 6.9 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/17/1997 | | 7 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/10/1997 | | 6.9 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/16/1997 | | 6.7 | -- | -- | -- | -- | 0.005 U | -- | 0.048 | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/16/1997 | K | 6.6 | -- | -- | -- | -- | 0.005 U | -- | 0.049 | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/15/1998 | | 6.9 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/15/1998 | K | 6.9 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/23/1998 | | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/23/1998 | K | 7.2 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/15/1998 | | 6.7 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/15/1998 | K | 6.7 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/21/1998 | | 6.4 | -- | -- | -- | -- | 0.0075 | -- | 1.3 | 3.3 | 0.34 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

# Table C-3
## Phibro-Tech, Inc.
## Historical Groundwater Analytical Results
## Metals and pH Analytical Summary

| Well Number | Sample Date | Sample Type | pH | Antimony 0.006 | Arsenic 0.01 | Barium 1.0 | Beryllium 0.004 | Cadmium 0.005 | Cobalt | Chromium 0.05 | Cr+6 | Copper 1.3*/1.0** | Lead 0.015* | Mercury 0.002 | Iron | Nickel 0.1 | Selenium 0.05 | Silver 0.1** | Thallium 0.002 | Tin | Vanadium | Zinc 5.0** |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-09 | 1/15/1999 | | 6.3 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 3.3 | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/15/1999 | | 6.7 | -- | -- | -- | -- | 0.005 U | -- | 0.64 | 0.01 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/15/1999 | K | 6.91 | -- | -- | -- | -- | 0.005 U | -- | 0.6 | 0.01 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/15/1999 | | 6.6 | -- | -- | -- | -- | 0.01 U | -- | 5.6 | 5.8 | 0.05 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/15/1999 | K | 6.6 | -- | -- | -- | -- | 0.01 U | -- | 5.5 | 6 | 0.05 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/15/1999 | | 6.9 | -- | -- | -- | -- | 0.005 U | -- | 4.2 | 4 | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/15/1999 | K | 6.4 | -- | -- | -- | -- | 0.005 U | -- | 4.2 | 3.6 | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/28/2000 | | 7 | -- | -- | -- | -- | 0.005 U | -- | 13.9 | 14.1 | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/28/2000 | K | 6.9 | -- | -- | -- | -- | 0.005 U | -- | 13.2 | 13.5 | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/15/2000 | | 6.8 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.01 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/15/2000 | K | 6.8 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.01 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/15/2000 | | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.014 | 0.02 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/15/2000 | K | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.02 | 0.02 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/15/2001 | | 7 | -- | -- | -- | -- | 0.005 U | -- | 0.011 | 0.0043 | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/15/2001 | K | 7 | -- | -- | -- | -- | 0.005 U | -- | 0.012 | 0.0046 | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/19/2001 | | 7 | -- | -- | -- | -- | 0.005 U | -- | 0.085 | 0.076 | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/19/2001 | K | 7 | -- | -- | -- | -- | 0.005 U | -- | 0.082 | 0.085 | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/18/2001 | | 6.9 | -- | -- | -- | -- | 0.005 U | -- | 1.3 | 1.1 | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/18/2001 | K | 6.9 | -- | -- | -- | -- | 0.005 U | -- | 1.4 | 1.1 | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/17/2002 | | 7.1 | -- | -- | -- | -- | 0.005 U | -- | 0.16 | 0.28 | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/17/2002 | K | 7.1 | -- | -- | -- | -- | 0.005 U | -- | 0.15 | 0.23 | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/18/2002 | | 7.1 | -- | -- | -- | -- | 0.005 U | -- | 0.16 | 0.14 | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/18/2002 | K | 7.1 | -- | -- | -- | -- | 0.005 U | -- | 0.15 | 0.14 | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/26/2002 | | 6.7 | -- | -- | -- | -- | 0.005 U | -- | 9.1 | 10 | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/26/2002 | K | 6.7 | -- | -- | -- | -- | 0.005 U | -- | 9.3 | 10.2 | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/24/2002 | | 6.5 | -- | -- | -- | -- | 0.005 U | -- | 4.5 | 4.3 | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/24/2002 | K | 6.5 | -- | -- | -- | -- | 0.005 U | -- | 4.8 | 4.4 | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/9/2003 | | 6.63 | -- | -- | -- | -- | 0.005 U | -- | 9.6 | 9.5 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

# Table C-3
# Phibro-Tech, Inc.
# Historical Groundwater Analytical Results
# Metals and pH Analytical Summary

| Well Number | Sample Date | Sample Type | pH | Antimony 0.006 | Arsenic 0.01 | Barium 1.0 | Beryllium 0.004 | Cadmium 0.005 | Cobalt | Chromium 0.05 | Cr+6 | Copper 1.3*/1.0** | Lead 0.015* | Mercury 0.002 | Iron | Nickel 0.1 | Selenium 0.05 | Silver 0.1** | Thallium 0.002 | Tin | Vanadium | Zinc 5.0** |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-09 | 1/9/2003 | K | 6.65 | -- | -- | -- | -- | 0.005 U | -- | 9.7 | 9.5 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/25/2003 | | 7.24 | -- | -- | -- | -- | 0.005 U | -- | 0.27 | 0.25 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/25/2003 | K | 6.83 | -- | -- | -- | -- | 0.005 U | -- | 0.28 | 0.26 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/31/2003 | | 6.69 | -- | -- | -- | -- | 0.005 U | -- | 2.2 | 2.1 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/31/2003 | K | 6.66 | -- | -- | -- | -- | 0.005 U | -- | 2.2 | 2.2 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/22/2003 | | 7.23 | -- | -- | -- | -- | 0.01 U | -- | 13 | 13 | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/22/2003 | K | 7.26 | -- | -- | -- | -- | 0.01 U | -- | 13 | 13 | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/23/2004 | | 6.84 | -- | -- | -- | -- | 0.005 U | -- | 2.4 | 2.8 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/23/2004 | K | 6.85 | -- | -- | -- | -- | 0.005 U | -- | 2.4 | 2.7 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/21/2004 | | 6.87 | -- | -- | -- | -- | 0.005 U | -- | 3.4 | 2.9 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/21/2004 | K | 6.96 | -- | -- | -- | -- | 0.005 U | -- | 4.4 | 4.1 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/21/2004 | | 6.91 | -- | -- | -- | -- | 0.005 U | -- | 4.8 | 4.9 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/21/2004 | K | 6.87 | -- | -- | -- | -- | 0.005 U | -- | 4 | 3.2 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/12/2004 | | 7.08 | -- | -- | -- | -- | 0.005 U | -- | 0.045 | 0.052 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/12/2004 | K | 7.07 | -- | -- | -- | -- | 0.005 U | -- | 0.046 | 0.053 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/27/2005 | | 7.1 | -- | -- | -- | -- | 0.005 U | -- | 0.082 | 0.064 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/27/2005 | K | 7.12 | -- | -- | -- | -- | 0.005 U | -- | 0.061 | 0.06 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/27/2005 | | 7.08 | -- | -- | -- | -- | 0.005 U | -- | 0.043 | 0.035 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/27/2005 | K | 7.08 | -- | -- | -- | -- | 0.005 U | -- | 0.042 | 0.039 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/27/2005 | | 6.58 | -- | -- | -- | -- | 0.005 U | -- | 0.3 | 0.27 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/27/2005 | K | 6.6 | -- | -- | -- | -- | 0.005 U | -- | 0.3 | 0.28 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/20/2005 | | 6.68 | -- | -- | -- | -- | 0.005 U | -- | 1.3 | 1.3 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/20/2005 | K | 6.67 | -- | -- | -- | -- | 0.005 U | -- | 1.2 | 1.3 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/27/2006 | | 6.72 | -- | -- | -- | -- | 0.005 U | -- | 10 | 9.7 | 0.025 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/27/2006 | K | 6.73 | -- | -- | -- | -- | 0.005 U | -- | 10 | 10 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/26/2006 | | 6.72 | -- | -- | -- | -- | 0.005 U | -- | 3.9 | 4 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/26/2006 | K | 6.73 | -- | -- | -- | -- | 0.005 U | -- | 3.8 | 4.1 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/27/2006 | | 6.57 | -- | -- | -- | -- | 0.005 U | -- | 1.7 | 1.6 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

# Table C-3
# Phibro-Tech, Inc.
# Historical Groundwater Analytical Results
# Metals and pH Analytical Summary

| Well Number | Sample Date | Sample Type | pH | Antimony 0.006 | Arsenic 0.01 | Barium 1.0 | Beryllium 0.004 | Cadmium 0.005 | Cobalt | Chromium 0.05 | Cr+6 | Copper 1.3*/1.0** | Lead 0.015* | Mercury 0.002 | Iron | Nickel 0.1 | Selenium 0.05 | Silver 0.1** | Thallium 0.002 | Tin | Vanadium | Zinc 5.0** |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-09 | 7/27/2006 | K | 6.6 | -- | -- | -- | -- | 0.005 U | -- | 1.7 | 1.6 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/26/2006 | | 6.87 | -- | -- | -- | -- | 0.005 U | -- | 7.1 | 7.4 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/26/2006 | K | 6.92 | -- | -- | -- | -- | 0.005 U | -- | 7.5 | 7.8 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/18/2007 | | 7.17 | -- | -- | -- | -- | 0.005 U | -- | 6.6 | 7.1 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/18/2007 | K | 7.03 | -- | -- | -- | -- | 0.005 U | -- | 6.7 | 7.1 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/18/2007 | | 6.77 HFT | -- | -- | -- | -- | 0.005 U | -- | 1.7 | 2 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/18/2007 | K | 6.95 HFT | -- | -- | -- | -- | 0.005 U | -- | 1.7 | 2 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/27/2007 | | 6.85 HFT | -- | -- | -- | -- | 0.005 U | -- | 1.7 | 1.8 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/27/2007 | K | 6.74 HFT | -- | -- | -- | -- | 0.005 U | -- | 1.7 | 2 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/25/2007 | | 7.39 HFT | -- | -- | -- | -- | 0.005 U | -- | 21 | 25 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/25/2007 | K | 7.56 HFT | -- | -- | -- | -- | 0.005 U | -- | 21 | 25 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/31/2008 | | 6.9 HFT | -- | -- | -- | -- | 0.005 U | -- | 5.3 MHA | 6.8 H,J | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/31/2008 | K | 6.85 HFT | -- | -- | -- | -- | 0.005 U | -- | 5.3 | 7 H,J | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/24/2008 | | 7.26 HFT | -- | -- | -- | -- | 0.005 U | -- | 7.5 | 6.4 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/24/2008 | K | 7.2 HFT | -- | -- | -- | -- | 0.005 U | -- | 7.8 | 6.5 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/29/2008 | | 7.07 HFT | -- | -- | -- | -- | 0.005 U | -- | 8 | 8.3 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/29/2008 | K | 7.04 HFT | -- | -- | -- | -- | 0.005 U | -- | 8.2 | 8.3 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-10 | 1/15/1989 | | -- | -- | -- | -- | -- | 0.003 U | -- | 0.029 | 0.01 U | 0.009 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.006 U |
| | 4/25/1989 | | -- | -- | -- | -- | -- | 0.01 U | -- | 0.08 | 0.05 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.02 U |
| | 7/15/1989 | | 7.3 | -- | -- | -- | -- | 0.01 U | -- | 0.11 | 0.05 U | 0.05 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.15 |
| | 10/15/1989 | | -- | -- | -- | -- | -- | 0.01 U | -- | 0.02 U | 0.05 U | 0.05 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.02 U |
| | 1/22/1990 | | 7.7 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.02 |
| | 4/12/1990 | | 7.48 | -- | -- | -- | -- | 0.005 U | -- | 0.02 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.01 U |
| | 4/12/1990 | K | 7.48 | -- | -- | -- | -- | 0.005 U | -- | 0.02 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.01 U |
| | 7/15/1990 | | 7.49 | -- | -- | -- | -- | 0.01 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.03 |
| | 10/15/1990 | | -- | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | 0.79 | 0.04 U | -- | -- | -- | -- | -- | 0.08 |
| | 10/15/1990 | K | -- | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | 0.05 U | -- | 0.88 | 0.04 U | -- | -- | -- | -- | -- | 0.44 |

# Table C-3
## Phibro-Tech, Inc.
## Historical Groundwater Analytical Results
## Metals and pH Analytical Summary

| Well Number | Sample Date | Sample Type | pH | Antimony 0.006 | Arsenic 0.01 | Barium 1.0 | Beryllium 0.004 | Cadmium 0.005 | Cobalt | Chromium 0.05 | Cr+6 | Copper 1.3*/1.0** | Lead 0.015* | Mercury 0.002 | Iron | Nickel 0.1 | Selenium 0.05 | Silver 0.1** | Thallium 0.002 | Tin | Vanadium | Zinc 5.0** |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-10 | 1/15/1991 | | -- | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | 0.87 | 0.04 U | -- | -- | -- | -- | -- | 0.15 |
| MW-11 | 1/15/1989 | | -- | -- | -- | -- | -- | 0.003 U | -- | 0.014 U | 0.01 U | 0.009 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.006 U |
| | 4/15/1989 | | -- | -- | -- | -- | -- | 0.01 U | -- | 0.04 | 0.05 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.02 U |
| | 4/15/1989 | K | -- | -- | -- | -- | -- | 0.01 U | -- | 0.01 U | 0.0016 | 0.05 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.05 U |
| | 7/15/1989 | | 7.43 | -- | -- | -- | -- | 0.01 U | -- | 0.05 | 0.05 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.05 |
| | 10/15/1989 | | -- | -- | -- | -- | -- | 0.01 U | -- | 0.02 U | 0.05 U | 0.05 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.02 U |
| | 1/23/1990 | | 7.77 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.01 U |
| | 4/10/1990 | | 7.56 | -- | -- | -- | -- | 0.005 U | -- | 0.02 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.01 U |
| | 7/15/1990 | | 7.62 | -- | -- | -- | -- | 0.01 U | -- | 0.01 U | 0.02 U | 0.03 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.04 |
| | 10/15/1990 | | -- | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | 0.18 | 0.04 U | -- | -- | -- | -- | -- | 0.17 |
| | 1/15/1991 | | -- | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | 0.16 | 0.04 U | -- | -- | -- | -- | -- | 0.069 |
| | 4/15/1991 | | 7.6 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/15/1991 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/22/1991 | | 7.45 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/15/1992 | | 7.8 | -- | -- | -- | -- | 0.0027 U | -- | 0.0081 U | 0.1 | 0.02 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/15/1992 | | 7.5 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/15/1992 | | 7.2 | -- | -- | -- | -- | 0.005 U | -- | 0.016 | 0.02 U | 0.087 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/15/1992 | | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.011 | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/15/1993 | | 7.5 | -- | -- | -- | -- | 0.005 U | -- | 0.013 | 0.02 U | 0.088 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/19/1993 | | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/12/1993 | | 7.2 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/13/1993 | | 7.2 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/10/1994 | | 7.2 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/12/1994 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/18/1994 | | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/11/1994 | | 7.1 | -- | -- | -- | -- | 0.005 U | -- | 0.011 | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/17/1995 | | 6.7 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

# Table C-3
## Phibro-Tech, Inc.
## Historical Groundwater Analytical Results
## Metals and pH Analytical Summary

| Well Number | Sample Date | Sample Type | pH | Antimony | Arsenic | Barium | Beryllium | Cadmium | Cobalt | Chromium | Cr+6 | Copper | Lead | Mercury | Iron | Nickel | Selenium | Silver | Thallium | Tin | Vanadium | Zinc |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 0.006 | 0.01 | 1.0 | 0.004 | 0.005 | | 0.05 | | 1.3*/1.0** | 0.015* | 0.002 | | 0.1 | 0.05 | 0.1** | 0.002 | | | 5.0** |
| MW-11 | 4/17/1995 | | 7.2 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/11/1995 | | 7.1 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/9/1995 | | 7.2 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/30/1996 | | 6.7 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/16/1996 | | 7 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.023 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/15/1996 | | 7.1 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.01 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/8/1996 | | 7.1 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/14/1997 | | 6.8 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.029 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/16/1997 | | 6.9 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/9/1997 | | 7.2 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.15 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/15/1997 | | 6.7 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/14/1998 | | 7.1 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/22/1998 | | 7.2 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.077 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/15/1998 | | 7.2 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/20/1998 | | 6.9 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.041 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/15/1999 | | 6.8 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/15/1999 | | 6.83 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.01 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/15/1999 | | 6.9 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/15/1999 | | 7 | -- | -- | -- | -- | 0.005 U | -- | 0.02 | 0.057 | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/25/2000 | | 6.9 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/15/2000 | | 7 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.01 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/15/2000 | | 6.8 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/15/2001 | | 6.6 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.002 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/17/2001 | | 6.8 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.002 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/18/2001 | | 6.7 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.002 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/17/2002 | | 7.1 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.002 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/18/2002 | | 6.8 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.002 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/26/2002 | | 6.7 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.001 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

# Table C-3
## Phibro-Tech, Inc.
## Historical Groundwater Analytical Results
## Metals and pH Analytical Summary

| Well Number | Sample Date | Sample Type | pH | Antimony 0.006 | Arsenic 0.01 | Barium 1.0 | Beryllium 0.004 | Cadmium 0.005 | Cobalt | Chromium 0.05 | Cr+6 | Copper 1.3*/1.0** | Lead 0.015* | Mercury 0.002 | Iron | Nickel 0.1 | Selenium 0.05 | Silver 0.1** | Thallium 0.002 | Tin | Vanadium | Zinc 5.0** |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-11 | 10/24/2002 | | 7.1 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.001 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/30/2002 | | 7.03 | 0.01 U | 0.005 U | 0.32 | 0.004 U | 0.005 U | 0.01 U | 0.005 U | 0.001 U | 0.01 U | 0.005 U | 0.0002 U | -- | 0.01 U | 0.0078 | 0.01 U | 0.005 U | -- | 0.01 U | 0.16 |
| | 4/25/2003 | | 7.29 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/31/2003 | | 6.73 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.0012 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/23/2003 | | 7.23 | 0.01 U | 0.005 U | 0.22 | 0.004 U | 0.005 U | 0.01 U | 0.005 U | 0.001 U | 0.01 U | 0.005 U | 0.0002 U | -- | 0.01 U | 0.005 U | 0.01 U | 0.005 U | 0.1 U | 0.01 U | 0.13 |
| | 1/23/2004 | | 7.21 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/21/2004 | | 7.29 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/21/2004 | | 7.16 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/12/2004 | | 7.16 | 0.01 U | 0.005 U | 0.43 | 0.004 U | 0.005 U | 0.01 U | 0.005 U | 0.001 U | 0.01 U | 0.005 U | 0.0002 U | -- | 0.01 U | 0.005 U | 0.01 U | 0.005 U | 0.1 U | 0.01 U | 0.11 |
| | 1/27/2005 | | 6.71 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/27/2005 | | 7.05 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.0016 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/27/2005 | | 6.71 | -- | -- | -- | -- | 0.005 U | -- | 0.018 | 0.0066 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/20/2005 | | 6.88 | 0.01 U | 0.005 U | 0.3 | 0.004 U | 0.005 U | 0.01 U | 0.0057 | 0.001 U | 0.01 U | 0.005 U | 0.0002 U | -- | 0.01 U | 0.01 U | 0.01 U | 0.01 U | 0.1 U | 0.01 U | 0.13 |
| | 1/27/2006 | | 6.83 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/26/2006 | | 7.1 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/27/2006 | | 6.59 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/25/2006 | | 7.14 | 0.01 U | 0.01 U | 0.08 | 0.004 U | 0.005 U | 0.01 U | 0.005 U | 0.001 U | 0.01 U | 0.005 U | 0.0002 U | -- | 0.01 U | 0.01 U | 0.01 U | 0.016 | 0.1 U | 0.01 U | 0.02 U |
| | 1/17/2007 | | 7.28 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/18/2007 | | 6.88 HFT | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/25/2007 | | 6.97 HFT | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 C,U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/24/2007 | | 7.38 HFT | 0.01 U | 0.01 U | 0.099 | 0.004 U | 0.005 U | 0.01 U | 0.005 U | 0.001 U | 0.01 U | 0.005 U | 0.0002 U | -- | 0.01 U | 0.01 U | 0.01 U | 0.01 U | 0.1 U | 0.01 U | 0.02 U |
| | 1/30/2008 | | 7.31 HFT | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/23/2008 | | 7.24 HFT | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/30/2008 | | 7.49 HFT | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-12D | 10/15/1990 | | -- | 0.06 U | 0.005 U | 0.049 | 0.002 U | 0.005 U | 0.01 U | 0.01 U | 0.02 U | 0.02 U | 0.05 U | 0.001 U | -- | 0.04 U | 0.01 U | 0.01 U | 0.5 U | 0.1 U | 0.01 U | 0.028 |
| | 1/15/1991 | | -- | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | 0.1 U | 0.04 U | -- | -- | -- | -- | -- | 0.02 U |
| MW-12S | 10/15/1990 | | -- | 0.06 U | 0.005 U | 0.071 | 0.002 U | 0.005 U | 0.01 U | 0.01 U | 0.02 U | 0.02 U | 0.05 U | 0.001 U | -- | 0.04 U | 0.01 U | 0.01 U | 0.5 U | 0.1 U | 0.01 U | 0.02 U |

# Table C-3
## Phibro-Tech, Inc.
## Historical Groundwater Analytical Results
## Metals and pH Analytical Summary

| Well Number | Sample Date | Sample Type | pH | Antimony | Arsenic | Barium | Beryllium | Cadmium | Cobalt | Chromium | Cr+6 | Copper | Lead | Mercury | Iron | Nickel | Selenium | Silver | Thallium | Tin | Vanadium | Zinc |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 0.006 | 0.01 | 1.0 | 0.004 | 0.005 | | 0.05 | | 1.3*/1.0** | 0.015* | 0.002 | | 0.1 | 0.05 | 0.1** | 0.002 | | | 5.0** |
| MW-12S | 1/15/1991 | | -- | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | 0.1 U | 0.04 U | -- | -- | -- | -- | -- | 0.02 U |
| MW-13D | 10/15/1990 | | -- | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | 0.1 U | 0.04 U | -- | -- | -- | -- | -- | 0.091 |
| | 1/15/1991 | | -- | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | 0.1 U | 0.04 U | -- | -- | -- | -- | -- | 0.61 |
| MW-13S | 10/15/1990 | | -- | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | 0.1 U | 0.04 U | -- | -- | -- | -- | -- | 0.04 |
| | 1/15/1991 | | -- | -- | -- | -- | -- | 0.005 U | -- | 0.014 | 0.02 U | 0.02 U | -- | -- | 0.1 U | 0.04 U | -- | -- | -- | -- | -- | 0.02 U |
| | 7/14/1993 | | 8.8 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-14D | 10/15/1990 | | -- | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | 0.1 U | 0.04 U | -- | -- | -- | -- | -- | 0.056 |
| | 1/15/1991 | | -- | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | 0.34 | 0.04 U | -- | -- | -- | -- | -- | 0.022 |
| MW-14S | 10/15/1990 | | -- | -- | -- | -- | -- | 0.018 | -- | 2.2 | 3.2 | 5.3 | -- | -- | 0.1 U | 0.82 | -- | -- | -- | -- | -- | 1.4 |
| | 1/15/1991 | | -- | -- | -- | -- | -- | 0.007 | -- | 0.94 | 0.4 | 1 | -- | -- | 0.1 U | 0.26 | -- | -- | -- | -- | -- | 0.38 |
| | 4/15/1991 | | 7.2 | -- | -- | -- | -- | 0.005 U | -- | 0.41 | 0.39 | 0.15 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/15/1991 | | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.31 | 0.02 U | 0.11 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/23/1991 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.23 | 0.13 | 0.05 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/23/1991 | K | 7.36 | -- | -- | -- | -- | 0.005 U | -- | 0.16 | 0.14 | 0.06 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/15/1992 | | 7.7 | -- | -- | -- | -- | 0.0027 U | -- | 0.15 | 0.27 | 0.093 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/15/1992 | | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.16 | 0.13 | 0.041 | 0.05 U | -- | -- | 0.04 U | -- | -- | -- | -- | -- | -- |
| | 7/15/1992 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.33 | 0.099 | 0.56 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/15/1992 | K | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.31 | 0.094 | 0.53 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/15/1992 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.54 | 0.16 | 0.72 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/15/1993 | | 7.5 | -- | -- | -- | -- | 0.005 U | -- | 0.24 | 0.056 | 0.33 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/22/1993 | | 7.2 | -- | -- | -- | -- | 0.005 U | -- | 0.018 | 0.02 U | 0.032 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/22/1993 | K | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.014 | 0.02 U | 0.026 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/13/1993 | | 7.6 | -- | -- | -- | -- | 0.005 U | -- | 0.02 | 0.02 U | 0.023 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/14/1993 | | 7.5 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.021 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/12/1994 | | 7.2 | -- | -- | -- | -- | 0.005 U | -- | 0.015 | 0.02 U | 0.022 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/13/1994 | | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.022 | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

# Table C-3
## Phibro-Tech, Inc.
## Historical Groundwater Analytical Results
## Metals and pH Analytical Summary

| Well Number | Sample Date | Sample Type | pH | Antimony 0.006 | Arsenic 0.01 | Barium 1.0 | Beryllium 0.004 | Cadmium 0.005 | Cobalt | Chromium 0.05 | Cr+6 | Copper 1.3*/1.0** | Lead 0.015* | Mercury 0.002 | Iron | Nickel 0.1 | Selenium 0.05 | Silver 0.1** | Thallium 0.002 | Tin | Vanadium | Zinc 5.0** |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-14S | 7/20/1994 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.016 | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/11/1994 | | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.064 | 0.035 | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 2/8/1995 | | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.016 | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/18/1995 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/12/1995 | | 7.3 | -- | -- | -- | -- | 0.0055 | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/11/1995 | | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.046 | 0.022 | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 2/1/1996 | | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.034 | 0.02 U | 0.024 | -- | -- | 4.7 | -- | -- | -- | -- | -- | -- | -- |
| | 4/17/1996 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.028 | 0.021 | 0.02 U | -- | -- | 0.89 | -- | -- | -- | -- | -- | -- | -- |
| | 7/17/1996 | | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.069 | 0.01 U | 0.02 U | -- | -- | 0.1 U | -- | -- | -- | -- | -- | -- | -- |
| | 10/8/1996 | | 7.1 | -- | -- | -- | -- | 0.005 U | -- | 0.082 | 0.052 | 0.02 U | -- | -- | 0.1 U | -- | -- | -- | -- | -- | -- | -- |
| | 1/15/1997 | | 7.2 | -- | -- | -- | -- | 0.005 U | -- | 0.031 | 0.024 | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/16/1997 | | 7.3 | -- | -- | -- | -- | 0.0053 | -- | 0.032 | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/10/1997 | | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.016 | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/16/1997 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.13 | 0.1 | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/15/1998 | | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.018 | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/23/1998 | | 7.7 | -- | -- | -- | -- | 0.005 U | -- | 0.018 | 0.02 U | 0.023 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/15/1998 | | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/21/1998 | | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.044 | 0.032 | 0.027 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/15/1999 | | 7.1 | -- | -- | -- | -- | 0.005 U | -- | 0.032 | 0.058 | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/15/1999 | | 7.11 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.01 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/15/1999 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.038 | 0.02 U | 0.037 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/15/1999 | | 6.8 | -- | -- | -- | -- | 0.006 | -- | 0.15 | 0.035 | 0.044 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/27/2000 | | 7.2 | -- | -- | -- | -- | 0.0094 | -- | 0.26 | 0.11 | 0.031 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/15/2000 | | 7.5 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.01 U | 0.025 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/15/2000 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.09 | 0.039 | 0.087 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/15/2001 | | 7.1 | -- | -- | -- | -- | 0.005 U | -- | 0.043 | 0.057 | 0.03 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/19/2001 | | 7.1 | -- | -- | -- | -- | 0.005 U | -- | 0.025 | 0.0046 | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/17/2001 | | 7.2 | -- | -- | -- | -- | 0.005 U | -- | 0.14 | 0.002 U | 0.042 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

# Table C-3
## Phibro-Tech, Inc.
## Historical Groundwater Analytical Results
## Metals and pH Analytical Summary

| Well Number | Sample Date | Sample Type | pH | Antimony 0.006 | Arsenic 0.01 | Barium 1.0 | Beryllium 0.004 | Cadmium 0.005 | Cobalt | Chromium 0.05 | Cr+6 | Copper 1.3*/1.0** | Lead 0.015* | Mercury 0.002 | Iron | Nickel 0.1 | Selenium 0.05 | Silver 0.1** | Thallium 0.002 | Tin | Vanadium | Zinc 5.0** |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-14S | 1/16/2002 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.002 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/17/2002 | | 7.2 | -- | -- | -- | -- | 0.005 U | -- | 0.043 | 0.035 | 0.029 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/25/2002 | | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.065 | 0.017 | 0.031 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/23/2002 | | 7 | -- | -- | -- | -- | 0.0074 | -- | 0.42 | 0.42 | 0.04 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 12/30/2002 | | 7.09 | 0.01 U | 0.011 | 0.42 | 0.004 U | 0.005 U | 0.01 U | 0.014 | 0.0042 | 0.042 | 0.005 U | 0.0002 U | -- | 0.01 U | 0.005 U | 0.01 U | 0.0074 | -- | 0.01 U | 0.13 |
| | 4/24/2003 | | 7.24 | -- | -- | -- | -- | 0.005 U | -- | 0.02 | 0.001 U | 0.029 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/30/2003 | | 6.86 | -- | -- | -- | -- | 0.0066 | -- | 0.15 | 0.12 | 0.052 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/23/2003 | | 6.71 | 0.01 U | 0.005 U | 0.3 | 0.004 U | 0.005 U | 0.01 U | 0.33 | 0.99 | 0.03 | 0.005 U | 0.0002 U | -- | 0.016 | 0.005 U | 0.01 U | 0.005 U | 0.1 U | 0.01 U | 0.098 |
| | 1/22/2004 | | 6.7 | -- | -- | -- | -- | 0.01 U | -- | 0.95 | 0.44 | 0.037 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/21/2004 | | 7.01 | -- | -- | -- | -- | 0.01 U | -- | 0.31 | 0.33 | 0.023 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/21/2004 | | 6.67 | -- | -- | -- | -- | 0.01 U | -- | 2.5 | 3.1 | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/12/2004 | | 6.71 | 0.01 U | 0.0077 | 0.27 | 0.004 U | 0.006 | 0.01 U | 1.2 | 2.6 | 0.031 | 0.005 U | 0.00068 | -- | 0.01 | 0.01 U | 0.01 U | 0.005 U | 0.1 U | 0.01 U | 0.23 |
| | 1/27/2005 | | 6.98 | -- | -- | -- | -- | 0.005 U | -- | 0.53 | 0.08 | 0.018 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/27/2005 | | 7.26 | -- | -- | -- | -- | 0.005 U | -- | 0.083 | 0.066 | 0.012 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/26/2005 | | 6.94 | -- | -- | -- | -- | 0.005 U | -- | 0.19 | 0.31 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/20/2005 | | 7.03 | 0.01 U | 0.005 U | 0.55 | 0.004 U | 0.005 U | 0.01 U | 0.18 | 0.21 | 0.01 | 0.005 U | 0.00026 | -- | 0.01 U | 0.01 U | 0.01 U | 0.01 U | 0.1 U | 0.01 U | 0.23 |
| | 1/26/2006 | | 6.89 | -- | -- | -- | -- | 0.005 U | -- | 0.44 | 0.46 | 0.02 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/25/2006 | | 7.06 | -- | -- | -- | -- | 0.005 U | -- | 0.25 | 0.18 | 0.035 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/26/2006 | | 7.04 | -- | -- | -- | -- | 0.005 U | -- | 0.27 | 0.19 | 0.036 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/25/2006 | | 7.27 | 0.01 U | 0.01 U | 0.055 | 0.004 U | 0.005 U | 0.01 U | 0.32 | 0.44 | 0.04 | 0.005 U | 0.00057 | -- | 0.01 U | 0.01 U | 0.01 U | 0.016 | 0.1 U | 0.01 U | 0.02 U |
| | 1/17/2007 | | 7.41 | -- | -- | -- | -- | 0.005 U | -- | 0.2 | 0.17 | 0.038 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/18/2007 | | 7.14 HFT | -- | -- | -- | -- | 0.005 U | -- | 0.11 | 0.057 | 0.032 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/25/2007 | | 7.4 HFT | -- | -- | -- | -- | 0.005 U | -- | 0.2 | 0.18 C8 | 0.033 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/23/2007 | | 6.9 HFT | 0.02 RL1,U | 0.02 RL1,U | 0.078 | 0.008 RL1,U | 0.01 RL1,U | 0.02 RL1,U | 0.72 | 2 | 0.045 | 0.01 RL1,U | 0.003 | -- | 0.025 | 0.02 RL1,U | 0.02 RL1,U | 0.02 RL1,U | 0.2 RL1,U | 0.02 RL1,U | 0.04 RL1, |
| | 1/30/2008 | | 6.92 HFT | -- | -- | -- | -- | 0.01 RL1,U | -- | 0.76 | 0.61 | 0.027 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/22/2008 | | 7.14 HFT | -- | -- | -- | -- | 0.005 U | -- | 0.51 | 0.54 | 0.037 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/30/2008 | | 7.09 HFT | -- | -- | -- | -- | 0.01 RL1,U | -- | 0.72 | 0.67 | 0.029 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

# Table C-3
# Phibro-Tech, Inc.
# Historical Groundwater Analytical Results
# Metals and pH Analytical Summary

| Well Number | Sample Date | Sample Type | pH | Antimony | Arsenic | Barium | Beryllium | Cadmium | Cobalt | Chromium | Cr+6 | Copper | Lead | Mercury | Iron | Nickel | Selenium | Silver | Thallium | Tin | Vanadium | Zinc |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 0.006 | 0.01 | 1.0 | 0.004 | 0.005 | | 0.05 | | 1.3*/1.0** | 0.015* | 0.002 | | 0.1 | 0.05 | 0.1** | 0.002 | | | 5.0** |
| MW-15D | 10/15/1990 | | -- | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | 0.1 U | 0.04 U | -- | -- | -- | -- | -- | 0.041 |
| | 1/15/1991 | | -- | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | 0.1 U | 0.04 U | -- | -- | -- | -- | -- | 1.8 |
| | 4/15/1991 | | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/15/1991 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/22/1991 | | 7.45 | -- | -- | -- | -- | 0.005 U | -- | 0.01 | 0.02 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/15/1992 | | 7.7 | -- | -- | -- | -- | 0.0027 U | -- | 0.0081 U | 0.05 U | 0.013 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/15/1992 | | 7.6 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/15/1992 | | 7.5 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/15/1992 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/15/1993 | | 7.6 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/21/1993 | | 7 | -- | -- | -- | -- | 0.0058 | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/14/1993 | | 7.8 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.025 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/14/1993 | | 7.5 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/12/1994 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/13/1994 | | 7.5 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/20/1994 | | 7.5 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/12/1994 | | 7.5 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/18/1995 | | 7.5 | -- | -- | -- | -- | 0.005 U | -- | 0.018 | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/19/1995 | | 7.5 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/12/1995 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/11/1995 | | 7.6 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 2/1/1996 | | 7.6 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/17/1996 | | 7.5 | -- | -- | -- | -- | 0.005 U | -- | 0.012 | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/17/1996 | | 7.6 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.01 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/9/1996 | | 7.6 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/15/1997 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/17/1997 | | 7.6 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/10/1997 | | 7.6 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

# Table C-3
# Phibro-Tech, Inc.
# Historical Groundwater Analytical Results
# Metals and pH Analytical Summary

| Well Number | Sample Date | Sample Type | pH | Antimony | Arsenic | Barium | Beryllium | Cadmium | Cobalt | Chromium | Cr+6 | Copper | Lead | Mercury | Iron | Nickel | Selenium | Silver | Thallium | Tin | Vanadium | Zinc |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 0.006 | 0.01 | 1.0 | 0.004 | 0.005 | | 0.05 | | 1.3*/1.0** | 0.015* | 0.002 | | 0.1 | 0.05 | 0.1** | 0.002 | | | 5.0** |
| MW-15D | 10/16/1997 | | 7.9 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/15/1998 | | 7.6 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/23/1998 | | 7.9 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/16/1998 | | 7.6 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/21/1998 | | 7.7 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/15/1999 | | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.053 | 0.02 U | 0.029 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/15/1999 | | 7.34 | -- | -- | -- | -- | 0.005 U | -- | 0.035 | 0.01 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/15/1999 | | 7.5 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/15/1999 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.01 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/28/2000 | | 8.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/15/2000 | | 7.5 | -- | -- | -- | -- | 0.005 U | -- | 0.013 | 0.016 | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/15/2000 | | 7.8 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/15/2001 | | 7.5 | -- | -- | -- | -- | 0.005 U | -- | 0.025 | 0.014 | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/19/2001 | | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.013 | 0.0081 | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/17/2001 | | 7.6 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.002 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/16/2002 | | 7.6 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.0081 | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/17/2002 | | 7.5 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.002 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/25/2002 | | 7.6 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.0047 | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/22/2002 | | 7.5 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.0016 | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/8/2003 | | 7.52 | -- | -- | -- | -- | 0.005 U | -- | 0.0031 J | 0.001 U | 0.017 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/23/2003 | | 7.48 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/30/2003 | | 7.26 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.0003 O-09,U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/21/2003 | | 7.72 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/22/2004 | | 7.2 | -- | -- | -- | -- | 0.005 U | -- | 0.0056 | 0.0064 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/21/2004 | | 7.6 | -- | -- | -- | -- | 0.005 U | -- | 0.0067 | 0.007 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/20/2004 | | 7.56 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.0046 | 0.013 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/11/2004 | | 7.5 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/27/2005 | | 7.17 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.15 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

# Table C-3
## Phibro-Tech, Inc.
## Historical Groundwater Analytical Results
## Metals and pH Analytical Summary

| Well Number | Sample Date | Sample Type | pH | Antimony | Arsenic | Barium | Beryllium | Cadmium | Cobalt | Chromium | Cr+6 | Copper | Lead | Mercury | Iron | Nickel | Selenium | Silver | Thallium | Tin | Vanadium | Zinc |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 0.006 | 0.01 | 1.0 | 0.004 | 0.005 | | 0.05 | | 1.3*/1.0** | 0.015* | 0.002 | | 0.1 | 0.05 | 0.1** | 0.002 | | | 5.0** |
| MW-15D | 4/27/2005 | | 7.25 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/26/2005 | | 7.5 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.028 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/19/2005 | | 7.39 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/25/2006 | | 7.38 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.015 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/25/2006 | | 7.46 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.071 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/25/2006 | | 7.53 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/25/2006 | | 7.65 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/18/2007 | | 7.93 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/18/2007 | | 7.36 HFT | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.014 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/25/2007 | | 7.65 HFT | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 C,U | 0.025 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/24/2007 | | 7.76 HFT | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.0013 | 0.024 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/30/2008 | | 7.7 HFT | -- | -- | -- | -- | 0.005 U | -- | 0.0056 | 0.0012 | 0.25 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/23/2008 | | 7.34 HFT | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.25 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/30/2008 | | 7.78 HFT | -- | -- | -- | -- | 0.005 U | -- | 0.0054 | 0.001 U | 0.056 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-15S | 10/15/1990 | | -- | 0.06 U | 0.005 U | 0.062 | 0.002 U | 0.005 U | 0.01 U | 0.01 U | 0.02 U | 0.02 U | 0.05 U | 0.001 U | -- | 0.04 U | 0.01 U | 0.01 U | 0.5 U | 0.1 U | 0.01 U | 0.049 |
| | 1/15/1991 | | -- | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | 0.1 U | 0.04 U | -- | -- | -- | -- | -- | 0.046 |
| | 4/15/1991 | | 7.1 | -- | -- | -- | -- | 0.011 | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/15/1991 | | 7.1 | -- | -- | -- | -- | 0.014 | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/22/1991 | | 7.12 | -- | -- | -- | -- | 0.02 | -- | 0.01 | 0.02 U | 0.06 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/15/1992 | | 7.3 | -- | -- | -- | -- | 0.008 | -- | 0.0081 U | 0.05 U | 0.01 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/15/1992 | | 7.5 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | 0.05 U | -- | -- | 0.04 U | -- | -- | -- | -- | -- | -- |
| | 7/15/1992 | | 7.2 | -- | -- | -- | -- | 0.0093 | -- | 0.039 | 0.02 U | 0.27 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/15/1992 | | 7.2 | -- | -- | -- | -- | 0.0073 | -- | 0.01 U | 0.02 U | 0.047 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/15/1993 | | 7.4 | -- | -- | -- | -- | 0.0085 | -- | 0.014 | 0.02 U | 0.1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/21/1993 | | 6.8 | -- | -- | -- | -- | 0.005 U | -- | 0.013 | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/14/1993 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/14/1993 | | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.04 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

# Table C-3
# Phibro-Tech, Inc.
# Historical Groundwater Analytical Results
# Metals and pH Analytical Summary

| Well Number | Sample Date | Sample Type | pH | Antimony 0.006 | Arsenic 0.01 | Barium 1.0 | Beryllium 0.004 | Cadmium 0.005 | Cobalt | Chromium 0.05 | Cr+6 | Copper 1.3*/1.0** | Lead 0.015* | Mercury 0.002 | Iron | Nickel 0.1 | Selenium 0.05 | Silver 0.1** | Thallium 0.002 | Tin | Vanadium | Zinc 5.0** |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-15S | 1/12/1994 | | 7.2 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/13/1994 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/20/1994 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/11/1994 | | 7.2 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/18/1995 | | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.044 | 0.048 | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/19/1995 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/12/1995 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/11/1995 | | 7.6 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 2/1/1996 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.012 | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/17/1996 | | 7.5 | -- | -- | -- | -- | 0.005 U | -- | 0.015 | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/17/1996 | | 7.6 | -- | -- | -- | -- | 0.005 U | -- | 0.014 | 0.01 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/8/1996 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/15/1997 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/17/1997 | | 7.6 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/10/1997 | | 7.5 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/16/1997 | | 7.7 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/15/1998 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.021 | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/23/1998 | | 7.7 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/15/1998 | | 7.5 | -- | -- | -- | -- | 0.005 U | -- | 0.014 | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/21/1998 | | 7.6 | -- | -- | -- | -- | 0.005 U | -- | 0.017 | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/15/1999 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.024 | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/15/1999 | K | -- | -- | -- | -- | -- | 0.005 U | -- | 0.013 U | 0.01 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/15/1999 | | 7.2 | -- | -- | -- | -- | 0.005 U | -- | 0.013 | 0.01 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/15/1999 | | 7.6 | -- | -- | -- | -- | 0.005 U | -- | 0.01 | 0.02 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/15/1999 | | 7.2 | -- | -- | -- | -- | 0.005 U | -- | 0.015 | 0.014 | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/28/2000 | | 7.3 | -- | -- | -- | -- | 0.012 | -- | 0.01 U | 0.02 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/15/2000 | | 7.2 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.01 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/15/2000 | | 7.7 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

# Table C-3
# Phibro-Tech, Inc.
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# Metals and pH Analytical Summary

| Well Number | Sample Date | Sample Type | pH | Antimony | Arsenic | Barium | Beryllium | Cadmium | Cobalt | Chromium | Cr+6 | Copper | Lead | Mercury | Iron | Nickel | Selenium | Silver | Thallium | Tin | Vanadium | Zinc |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 0.006 | 0.01 | 1.0 | 0.004 | 0.005 | | 0.05 | | 1.3*/1.0** | 0.015* | 0.002 | | 0.1 | 0.05 | 0.1** | 0.002 | | | 5.0** |
| MW-15S | 4/15/2001 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.0053 | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/19/2001 | | 7.2 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.0074 | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/17/2001 | | 7.5 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.0088 | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/16/2002 | | 7.5 | -- | -- | -- | -- | 0.005 U | -- | 0.011 | 0.0091 | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/17/2002 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.01 | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/24/2002 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.006 | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/23/2002 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.0035 | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/8/2003 | | 7.22 | -- | -- | -- | -- | 0.0053 | -- | 0.0042 J | 0.0042 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/24/2003 | | 7.19 | -- | -- | -- | -- | 0.005 U | -- | 0.0064 | 0.0059 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/30/2003 | | 7.02 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.0022 O-09 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/22/2003 | | 7.7 | -- | -- | -- | -- | 0.0057 | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/22/2004 | | 7.06 | -- | -- | -- | -- | 0.013 | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/21/2004 | | 7.37 | -- | -- | -- | -- | 0.0077 | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/20/2004 | | 7.1 | -- | -- | -- | -- | 0.0067 | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/11/2004 | | 6.98 | -- | -- | -- | -- | 0.01 | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/27/2005 | | 6.86 | -- | -- | -- | -- | 0.0055 | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/27/2005 | | 7.36 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/26/2005 | | 7.27 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/19/2005 | | 7.26 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/25/2006 | | 7.35 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/25/2006 | | 7.46 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/25/2006 | | 7.42 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/25/2006 | | 7.71 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/18/2007 | | 7.76 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/18/2007 | | 7.4 HFT | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/25/2007 | | 7.62 HFT | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 C,U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/24/2007 | | 7.44 HFT | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/30/2008 | | 7.35 HFT | -- | -- | -- | -- | 0.0068 | -- | 0.005 U | 0.001 M2,U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

# Table C-3
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| Well Number | Sample Date | Sample Type | pH | Antimony 0.006 | Arsenic 0.01 | Barium 1.0 | Beryllium 0.004 | Cadmium 0.005 | Cobalt | Chromium 0.05 | Cr+6 | Copper 1.3*/1.0** | Lead 0.015* | Mercury 0.002 | Iron | Nickel 0.1 | Selenium 0.05 | Silver 0.1** | Thallium 0.002 | Tin | Vanadium | Zinc 5.0** |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-15S | 4/23/2008 | | 7.39 HFT | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/30/2008 | | 7.55 HFT | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-16 | 4/15/1992 | | 7.2 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | 0.05 U | -- | 0.1 U | 0.04 U | -- | -- | -- | -- | -- | 0.02 U |
| | 4/15/1992 | K | 7.2 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | 0.05 U | -- | 0.1 U | 0.04 U | -- | -- | -- | -- | -- | 0.02 U |
| | 7/15/1992 | | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.027 | 0.02 U | 0.35 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/15/1992 | | 7.1 | -- | -- | -- | -- | 0.005 U | -- | 0.011 | 0.02 U | 0.15 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/15/1992 | K | 7.1 | -- | -- | -- | -- | 0.005 U | -- | 0.014 | 0.02 U | 0.21 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/15/1993 | | 7.2 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.44 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/22/1993 | | 6.8 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/14/1993 | | 7.1 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/14/1993 | K | 7.1 | -- | -- | -- | -- | 0.0054 | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/14/1993 | | 7.1 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.04 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/12/1994 | | 6.8 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/12/1994 | K | 6.9 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/13/1994 | | 6.9 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/13/1994 | K | 7 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/20/1994 | | 6.8 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/20/1994 | K | 6.9 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/13/1994 | | 6.8 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/13/1994 | K | 6.8 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/16/1995 | | 6.9 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/16/1995 | K | 6.9 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/19/1995 | | 6.9 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/19/1995 | K | 6.9 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/13/1995 | | 7 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/13/1995 | K | 6.8 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/11/1995 | | 6.8 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

# Table C-3
## Phibro-Tech, Inc.
## Historical Groundwater Analytical Results
## Metals and pH Analytical Summary

| Well Number | Sample Date | Sample Type | pH | Antimony | Arsenic | Barium | Beryllium | Cadmium | Cobalt | Chromium | Cr+6 | Copper | Lead | Mercury | Iron | Nickel | Selenium | Silver | Thallium | Tin | Vanadium | Zinc |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 0.006 | 0.01 | 1.0 | 0.004 | 0.005 | | 0.05 | | 1.3*/1.0** | 0.015* | 0.002 | | 0.1 | 0.05 | 0.1** | 0.002 | | | 5.0** |
| MW-16 | 10/11/1995 | K | 6.8 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 2/1/1996 | | 7 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 2/1/1996 | K | 7 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/17/1996 | | 7.1 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/17/1996 | K | 7.1 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/17/1996 | | 7.1 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.01 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/17/1996 | K | 7.2 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.01 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/9/1996 | | 7 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/9/1996 | K | 7 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/15/1997 | | 7 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/15/1997 | K | 7 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/17/1997 | | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/17/1997 | K | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/10/1997 | | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/10/1997 | K | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/16/1997 | | 7.2 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/15/1998 | | 7 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/23/1998 | | 7.4 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.023 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/15/1998 | | 7.2 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.031 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/21/1998 | | 7.1 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/21/1998 | K | 7 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/15/1999 | | 6.8 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.02 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/15/1999 | K | 7 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/15/1999 | | 6.9 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.01 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/15/1999 | | 7 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/15/1999 | | 6.7 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.01 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/28/2000 | | 7.2 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/15/2000 | | 7 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.01 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

# Table C-3
## Phibro-Tech, Inc.
## Historical Groundwater Analytical Results
## Metals and pH Analytical Summary

| Well Number | Sample Date | Sample Type | pH | Antimony | Arsenic | Barium | Beryllium | Cadmium | Cobalt | Chromium | Cr+6 | Copper | Lead | Mercury | Iron | Nickel | Selenium | Silver | Thallium | Tin | Vanadium | Zinc |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 0.006 | 0.01 | 1.0 | 0.004 | 0.005 | | 0.05 | | 1.3*/1.0** | 0.015* | 0.002 | | 0.1 | 0.05 | 0.1** | 0.002 | | | 5.0** |
| MW-16 | 10/15/2000 | | 7.3 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.02 U | 0.3 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/15/2001 | | 7.1 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.00033 J | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/19/2001 | | 7 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.0031 | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/18/2001 | | 7 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.002 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/17/2002 | | 7.2 | -- | -- | -- | -- | 0.005 U | -- | 0.11 | 0.096 | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/18/2002 | | 7.1 | -- | -- | -- | -- | 0.005 U | -- | 0.012 | 0.002 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/26/2002 | | 7 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.001 U | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/24/2002 | | 6.9 | -- | -- | -- | -- | 0.005 U | -- | 0.01 U | 0.0051 | 0.025 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/9/2003 | | 6.84 | -- | -- | -- | -- | 0.005 U | -- | 0.0057 | 0.0043 | 0.01 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/24/2003 | | 7.12 | -- | -- | -- | -- | 0.005 U | -- | 0.0051 | 0.0041 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/31/2003 | | 6.82 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.004 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/22/2003 | | 7.34 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/23/2004 | | 6.98 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.0026 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/21/2004 | | 7.21 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/21/2004 | | 7.08 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/27/2005 | | 6.88 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/27/2005 | | 7.04 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/27/2005 | | 6.78 | -- | -- | -- | -- | 0.005 U | -- | 0.0088 | 0.011 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/20/2005 | | 6.79 | -- | -- | -- | -- | 0.005 U | -- | 0.012 | 0.014 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/27/2006 | | 6.8 | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.0019 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/26/2006 | | 6.8 | -- | -- | -- | -- | 0.005 U | -- | 0.0095 | 0.0094 | 0.017 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/26/2006 | | 6.87 | -- | -- | -- | -- | 0.005 U | -- | 0.0083 | 0.013 | 0.015 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/24/2006 | | 7 | -- | -- | -- | -- | 0.005 U | -- | 0.013 | 0.019 | 0.017 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/17/2007 | | 7.17 | -- | -- | -- | -- | 0.005 U | -- | 0.0083 | 0.012 | 0.011 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 4/17/2007 | | 7.02 HFT | -- | -- | -- | -- | 0.005 U | -- | 0.016 | 0.018 | 0.012 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/26/2007 | | 7.08 HFT | -- | -- | -- | -- | 0.005 U | -- | 0.0071 | 0.0066 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 10/25/2007 | | 7.4 HFT | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.0033 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 1/29/2008 | | 7.12 HFT | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

# Table C-3
# Phibro-Tech, Inc.
# Historical Groundwater Analytical Results
# Metals and pH Analytical Summary

| Well Number | Sample Date | Sample Type | pH | Antimony | Arsenic | Barium | Beryllium | Cadmium | Cobalt | Chromium | Cr+6 | Copper | Lead | Mercury | Iron | Nickel | Selenium | Silver | Thallium | Tin | Vanadium | Zinc |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 0.006 | 0.01 | 1.0 | 0.004 | 0.005 | | 0.05 | | 1.3*/1.0** | 0.015* | 0.002 | | 0.1 | 0.05 | 0.1** | 0.002 | | | 5.0** |
| MW-16 | 4/22/2008 | | 7.17 HFT | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.001 U | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 7/30/2008 | | 7.22 HFT | -- | -- | -- | -- | 0.005 U | -- | 0.005 U | 0.0061 | 0.01 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

***Notes:***

All concentrations are reported in milligrams per liter (mg/l)
California Maximum Contaminant Levels (MCLs) shown in title line.
* Action Level
** Secondary MCL

U = Not detected at a concentration greater than the reporting limit shown.
E = Indicates that the reported concentration is above the calibration range for the instrument. Concentration reported is an estimate only.
J = Indicates detected concentration is below analytical calibration curve, and is below the official reporting limit. Concentration reported is an estimate only.
M-HA = Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information
M2 = The matrix spike and/or matrix spike duplicate were below acceptance limits due to sample matrix interference.
O-09 = This sample was received with the EPA recommended holding expired.
RL-1 = Reporting limit elevated due to matrix interference.
C = Calibration verification recovery was above the method control limit for this analyte. Analyte not detected, data not impacted.
C8 = Calibration verification recovery was above the method control limit for this analyte. A high bias may be indicated
H = Sample analysis performed past the method-specific holding time.
-- = Sample not analyzed for this analyte.
Sample Type:
K = Split sample

# APPENDIX D

# Appendix D
# Test America Analytical Laboratory Reports

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

# LABORATORY REPORT

Prepared For: Iris Environmental
1438 Webster Street, Suite 302
Oakland, CA 94612
Attention: Rebecca Frymer

Project: PTI, Phibro-Tech
06-441-C

Sampled: 07/29/08
Received: 07/29/08
Issued: 08/07/08 18:19

NELAP #01108CA California ELAP#1197 CSDLAC #10256

*The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain of Custody, 1 page, is included and is an integral part of this report.*

*This entire report was reviewed and approved for release.*

## CASE NARRATIVE

SAMPLE RECEIPT: Samples were received intact, at 5°C, on ice and with chain of custody documentation.

HOLDING TIMES: Not all holding times were met. Results were qualified where the sample analysis did not occur within method specified holding time requirements.

PRESERVATION: Samples requiring preservation were verified prior to sample analysis.

QA/QC CRITERIA: All analyses met method criteria, except as noted in the report with data qualifiers.

COMMENTS: No significant observations were made.

SUBCONTRACTED: No analyses were subcontracted to an outside laboratory.

| LABORATORY ID | CLIENT ID | MATRIX |
|---|---|---|
| IRG2440-01 | PTI-TB01-078 | Water |
| IRG2440-02 | PTI-EB01-078 | Water |
| IRG2440-03 | PTI-MW09-078 | Water |
| IRG2440-04 | PTI-MW35-078 | Water |

Reviewed By:

**tAmerica Irvine**

Lena Davidkova For Patty Mata
Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

Iris Environmental
1438 Webster Street, Suite 302
Oakland, CA 94612
Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2440

Sampled: 07/29/08
Received: 07/29/08

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| **Sample ID: IRG2440-01 (PTI-TB01-078 - Water)** | | | | | | | | |
| **Reporting Units: ug/l** | | | | | | | | |
| Benzene | EPA 8260B | 8G31005 | 0.50 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| Bromobenzene | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| Bromochloromethane | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| Bromodichloromethane | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| Bromoform | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| Bromomethane | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| n-Butylbenzene | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| tert-Butylbenzene | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| sec-Butylbenzene | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| Carbon tetrachloride | EPA 8260B | 8G31005 | 0.50 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| Chlorobenzene | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| Chloroethane | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| Chloroform | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| Chloromethane | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| Chlorotoluene | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| Chlorotoluene | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| 1,2-Dibromo-3-chloropropane | EPA 8260B | 8G31005 | 5.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| Dibromochloromethane | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| 1,2-Dibromoethane (EDB) | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| Dibromomethane | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| 1,2-Dichlorobenzene | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| 1,3-Dichlorobenzene | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| 1,4-Dichlorobenzene | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| Dichlorodifluoromethane | EPA 8260B | 8G31005 | 5.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| 1,1-Dichloroethane | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| 1,1-Dichloroethene | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| cis-1,2-Dichloroethene | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| trans-1,2-Dichloroethene | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| 1,3-Dichloropropane | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| 2,2-Dichloropropane | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| 1,2-Dichloropropane | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| cis-1,3-Dichloropropene | EPA 8260B | 8G31005 | 0.50 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| trans-1,3-Dichloropropene | EPA 8260B | 8G31005 | 0.50 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| 1,1-Dichloropropene | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| Ethylbenzene | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| 1,2-Dichloroethane | EPA 8260B | 8G31005 | 0.50 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| Hexachlorobutadiene | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| Isopropylbenzene | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| p-Isopropyltoluene | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| Methylene chloride | EPA 8260B | 8G31005 | 5.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| Naphthalene | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |

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Lena Davidkova For Patty Mata
Project Manager

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Iris Environmental
1438 Webster Street, Suite 302
Oakland, CA 94612
Attention: Rebecca Frymer

Projcct ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2440

Sampled: 07/29/08
Received: 07/29/08

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| **Sample ID: IRG2440-01 (PTI-TB01-078 - Water) - cont.** | | | | | | | | |
| **Reporting Units: ug/l** | | | | | | | | |
| n-Propylbenzene | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| Styrene | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| 1,1,1,2-Tetrachloroethane | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| 1,1,2,2-Tetrachloroethane | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| Tetrachloroethene | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| Toluene | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| 1,2,3-Trichlorobenzene | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| 1,2,4-Trichlorobenzene | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| 1,1,1-Trichloroethane | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| 1,1,2-Trichloroethane | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| Trichloroethene | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| Trichlorofluoromethane | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| 1,2,3-Trichloropropane | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| 1,2,4-Trimethylbenzene | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| 1 3,5-Trimethylbenzene | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| nyl chloride | EPA 8260B | 8G31005 | 0.50 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| m,p-Xylenes | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| o-Xylene | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| *Surrogate: 4-Bromofluorobenzene (80-120%)* | | | | *94 %* | | | | |
| *Surrogate: Dibromofluoromethane (80-120%)* | | | | *95 %* | | | | |
| *Surrogate: Toluene-d8 (80-120%)* | | | | *93 %* | | | | |

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Iris Environmental
1438 Webster Street, Suite 302
Oakland, CA 94612
Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2440

Sampled: 07/29/08
Received: 07/29/08

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| **Sample ID: IRG2440-02 (PTI-EB01-078 - Water)** | | | | | | | | |
| **Reporting Units: ug/l** | | | | | | | | |
| Benzene | EPA 8260B | 8G31005 | 0.50 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| Bromobenzene | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| Bromochloromethane | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| Bromodichloromethane | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| Bromoform | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| Bromomethane | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| n-Butylbenzene | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| tert-Butylbenzene | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| sec-Butylbenzene | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| Carbon tetrachloride | EPA 8260B | 8G31005 | 0.50 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| Chlorobenzene | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| Chloroethane | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| Chloroform | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| Chloromethane | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| ‘ Chlorotoluene | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| Chlorotoluene | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| 1,2-Dibromo-3-chloropropane | EPA 8260B | 8G31005 | 5.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| Dibromochloromethane | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| 1,2-Dibromoethane (EDB) | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| Dibromomethane | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| 1,2-Dichlorobenzene | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| 1,3-Dichlorobenzene | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| 1,4-Dichlorobenzene | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| Dichlorodifluoromethane | EPA 8260B | 8G31005 | 5.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| 1,1-Dichloroethane | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| 1,1-Dichloroethene | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| cis-1,2-Dichloroethene | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| trans-1,2-Dichloroethene | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| 1,3-Dichloropropane | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| 2,2-Dichloropropane | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| 1,2-Dichloropropane | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| cis-1,3-Dichloropropene | EPA 8260B | 8G31005 | 0.50 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| trans-1,3-Dichloropropene | EPA 8260B | 8G31005 | 0.50 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| 1,1-Dichloropropene | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| Ethylbenzene | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| 1,2-Dichloroethane | EPA 8260B | 8G31005 | 0.50 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| Hexachlorobutadiene | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| Isopropylbenzene | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| p-Isopropyltoluene | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| Methylene chloride | EPA 8260B | 8G31005 | 5.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| Naphthalene | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |

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Project Manager

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Iris Environmental
1438 Webster Street, Suite 302
Oakland, CA 94612
Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2440

Sampled: 07/29/08
Received: 07/29/08

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| **Sample ID: IRG2440-02 (PTI-EB01-078 - Water) - cont.** | | | | | | | | |
| **Reporting Units: ug/l** | | | | | | | | |
| n-Propylbenzene | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| Styrene | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| 1,1,1,2-Tetrachloroethane | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| 1,1,2,2-Tetrachloroethane | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| Tetrachloroethene | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| Toluene | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| 1,2,3-Trichlorobenzene | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| 1,2,4-Trichlorobenzene | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| 1,1,1-Trichloroethane | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| 1,1,2-Trichloroethane | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| Trichloroethene | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| Trichlorofluoromethane | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| 1,2,3-Trichloropropane | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| 1,2,4-Trimethylbenzene | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| 1,3,5-Trimethylbenzene | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| Vinyl chloride | EPA 8260B | 8G31005 | 0.50 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| m,p-Xylenes | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| o-Xylene | EPA 8260B | 8G31005 | 1.0 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| *Surrogate: 4-Bromofluorobenzene (80-120%)* | | | | *95 %* | | | | |
| *Surrogate: Dibromofluoromethane (80-120%)* | | | | *94 %* | | | | |
| *Surrogate: Toluene-d8 (80-120%)* | | | | *93 %* | | | | |

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Lena Davidkova For Patty Mata
Project Manager

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Iris Environmental
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Oakland, CA 94612
Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2440

Sampled: 07/29/08
Received: 07/29/08

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| **Sample ID: IRG2440-03 (PTI-MW09-078 - Water)** | | | | | | | | |
| **Reporting Units: ug/l** | | | | | | | | |
| Benzene | EPA 8260B | 8G31022 | 0.50 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| Bromobenzene | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| Bromochloromethane | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| Bromodichloromethane | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| Bromoform | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| Bromomethane | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| n-Butylbenzene | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| tert-Butylbenzene | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| sec-Butylbenzene | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| Carbon tetrachloride | EPA 8260B | 8G31022 | 0.50 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| Chlorobenzene | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| Chloroethane | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| **Chloroform** | EPA 8260B | 8G31022 | 1.0 | **36** | 1 | 7/31/2008 | 8/1/2008 | |
| Chloromethane | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| ' Chlorotoluene | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| Chlorotoluene | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| 1,2-Dibromo-3-chloropropane | EPA 8260B | 8G31022 | 5.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| Dibromochloromethane | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| 1,2-Dibromoethane (EDB) | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| Dibromomethane | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| 1,2-Dichlorobenzene | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| 1,3-Dichlorobenzene | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| 1,4-Dichlorobenzene | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| Dichlorodifluoromethane | EPA 8260B | 8G31022 | 5.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| **1,1-Dichloroethane** | EPA 8260B | 8G31022 | 1.0 | **81** | 1 | 7/31/2008 | 8/1/2008 | |
| **1,1-Dichloroethene** | EPA 8260B | 8G31022 | 1.0 | **23** | 1 | 7/31/2008 | 8/1/2008 | |
| **cis-1,2-Dichloroethene** | EPA 8260B | 8G31022 | 1.0 | **3.6** | 1 | 7/31/2008 | 8/1/2008 | |
| trans-1,2-Dichloroethene | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| 1,3-Dichloropropane | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| 2,2-Dichloropropane | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| 1,2-Dichloropropane | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| cis-1,3-Dichloropropene | EPA 8260B | 8G31022 | 0.50 | ND | 1 | 7/31/2008 | 8/1/2008 | L |
| trans-1,3-Dichloropropene | EPA 8260B | 8G31022 | 0.50 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| 1,1-Dichloropropene | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| Ethylbenzene | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| **1,2-Dichloroethane** | EPA 8260B | 8G31022 | 0.50 | **21** | 1 | 7/31/2008 | 8/1/2008 | |
| Hexachlorobutadiene | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| Isopropylbenzene | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| p-Isopropyltoluene | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| **Methylene chloride** | EPA 8260B | 8G31022 | 5.0 | **6.0** | 1 | 7/31/2008 | 8/1/2008 | |
| Naphthalene | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |

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Lena Davidkova For Patty Mata
Project Manager

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Iris Environmental
1438 Webster Street, Suite 302
Oakland, CA 94612
Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2440

Sampled: 07/29/08
Received: 07/29/08

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| **Sample ID: IRG2440-03 (PTI-MW09-078 - Water) - cont.** | | | | | | | | |
| **Reporting Units: ug/l** | | | | | | | | |
| n-Propylbenzene | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| Styrene | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| 1,1,1,2-Tetrachloroethane | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| 1,1,2,2-Tetrachloroethane | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| **Tetrachloroethene** | EPA 8260B | 8G31022 | 1.0 | **6.6** | 1 | 7/31/2008 | 8/1/2008 | |
| Toluene | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| 1,2,3-Trichlorobenzene | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| 1,2,4-Trichlorobenzene | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| 1,1,1-Trichloroethane | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| 1,1,2-Trichloroethane | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| **Trichloroethene** | EPA 8260B | 8G31022 | 1.0 | **110** | 1 | 7/31/2008 | 8/1/2008 | |
| Trichlorofluoromethane | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| 1,2,3-Trichloropropane | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| 1,2,4-Trimethylbenzene | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| 1,3,5-Trimethylbenzene | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| Vinyl chloride | EPA 8260B | 8G31022 | 0.50 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| m,p-Xylenes | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| o-Xylene | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| *Surrogate: 4-Bromofluorobenzene (80-120%)* | | | | *92 %* | | | | |
| *Surrogate: Dibromofluoromethane (80-120%)* | | | | *90 %* | | | | |
| *Surrogate: Toluene-d8 (80-120%)* | | | | *94 %* | | | | |

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Lena Davidkova For Patty Mata
Project Manager

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Oakland, CA 94612
Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2440

Sampled: 07/29/08
Received: 07/29/08

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| **Sample ID: IRG2440-04 (PTI-MW35-078 - Water)** | | | | | | | | **BQC** |
| **Reporting Units: ug/l** | | | | | | | | |
| *Surrogate: 4-Bromofluorobenzene (80-120%)* | | | | *94 %* | | | | |
| *Surrogate: Dibromofluoromethane (80-120%)* | | | | *95 %* | | | | |
| *Surrogate: Toluene-d8 (80-120%)* | | | | *94 %* | | | | |
| **Sample ID: IRG2440-04RE1 (PTI-MW35-078 - Water)** | | | | | | | | |
| **Reporting Units: ug/l** | | | | | | | | |
| Benzene | EPA 8260B | 8G31022 | 0.50 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| Bromobenzene | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| Bromochloromethane | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| Bromodichloromethane | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| Bromoform | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| Bromomethane | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| n-Butylbenzene | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| tert-Butylbenzene | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| sec-Butylbenzene | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| rbon tetrachloride | EPA 8260B | 8G31022 | 0.50 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| hlorobenzene | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| Chloroethane | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| **Chloroform** | EPA 8260B | 8G31022 | 1.0 | **35** | 1 | 7/31/2008 | 8/1/2008 | |
| Chloromethane | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| 4-Chlorotoluene | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| 2-Chlorotoluene | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| 1,2-Dibromo-3-chloropropane | EPA 8260B | 8G31022 | 5.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| Dibromochloromethane | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| 1,2-Dibromoethane (EDB) | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| Dibromomethane | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| 1,2-Dichlorobenzene | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| 1,3-Dichlorobenzene | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| 1,4-Dichlorobenzene | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| Dichlorodifluoromethane | EPA 8260B | 8G31022 | 5.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| **1,1-Dichloroethane** | EPA 8260B | 8G31022 | 1.0 | **78** | 1 | 7/31/2008 | 8/1/2008 | |
| **1,1-Dichloroethene** | EPA 8260B | 8G31022 | 1.0 | **24** | 1 | 7/31/2008 | 8/1/2008 | |
| **cis-1,2-Dichloroethene** | EPA 8260B | 8G31022 | 1.0 | **3.3** | 1 | 7/31/2008 | 8/1/2008 | |
| trans-1,2-Dichloroethene | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| 1,3-Dichloropropane | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| 2,2-Dichloropropane | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| 1,2-Dichloropropane | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| cis-1,3-Dichloropropene | EPA 8260B | 8G31022 | 0.50 | ND | 1 | 7/31/2008 | 8/1/2008 | L |
| trans-1,3-Dichloropropene | EPA 8260B | 8G31022 | 0.50 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| 1,1-Dichloropropene | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| Ethylbenzene | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |

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Lena Davidkova For Patty Mata
Project Manager

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Iris Environmental
1438 Webster Street, Suite 302
Oakland, CA 94612
Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2440

Sampled: 07/29/08
Received: 07/29/08

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| **Sample ID: IRG2440-04RE1 (PTI-MW35-078 - Water) - cont.** | | | | | | | | |
| **Reporting Units: ug/l** | | | | | | | | |
| **1,2-Dichloroethane** | EPA 8260B | 8G31022 | 0.50 | **21** | 1 | 7/31/2008 | 8/1/2008 | |
| Hexachlorobutadiene | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| Isopropylbenzene | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| p-Isopropyltoluene | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| **Methylene chloride** | EPA 8260B | 8G31022 | 5.0 | **5.9** | 1 | 7/31/2008 | 8/1/2008 | |
| Naphthalene | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| n-Propylbenzene | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| Styrene | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| 1,1,1,2-Tetrachloroethane | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| 1,1,2,2-Tetrachloroethane | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| **Tetrachloroethene** | EPA 8260B | 8G31022 | 1.0 | **6.5** | 1 | 7/31/2008 | 8/1/2008 | |
| Toluene | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| 1,2,3-Trichlorobenzene | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| 1,2,4-Trichlorobenzene | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| 1,1-Trichloroethane | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| ,2-Trichloroethane | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| **Trichloroethene** | EPA 8260B | 8G31022 | 1.0 | **110** | 1 | 7/31/2008 | 8/1/2008 | |
| Trichlorofluoromethane | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| 1,2,3-Trichloropropane | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| 1,2,4-Trimethylbenzene | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| 1,3,5-Trimethylbenzene | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| Vinyl chloride | EPA 8260B | 8G31022 | 0.50 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| m,p-Xylenes | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| o-Xylene | EPA 8260B | 8G31022 | 1.0 | ND | 1 | 7/31/2008 | 8/1/2008 | |
| *Surrogate: 4-Bromofluorobenzene (80-120%)* | | | | *93 %* | | | | |
| *Surrogate: Dibromofluoromethane (80-120%)* | | | | *89 %* | | | | |
| *Surrogate: Toluene-d8 (80-120%)* | | | | *93 %* | | | | |

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Lena Davidkova For Patty Mata
Project Manager

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17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

Iris Environmental
1438 Webster Street, Suite 302
Oakland, CA 94612
Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2440

Sampled: 07/29/08
Received: 07/29/08

## DISSOLVED METALS

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| **Sample ID: IRG2440-02 (PTI-EB01-078 - Water)** | | | | | | | | |
| **Reporting Units: mg/l** | | | | | | | | |
| Cadmium | EPA 6010B-Diss | 8H01093 | 0.0050 | ND | 1 | 8/1/2008 | 8/5/2008 | |
| Chromium | EPA 6010B-Diss | 8H01093 | 0.0050 | ND | 1 | 8/1/2008 | 8/5/2008 | |
| Copper | EPA 6010B-Diss | 8H01093 | 0.010 | ND | 1 | 8/1/2008 | 8/5/2008 | |
| **Sample ID: IRG2440-03 (PTI-MW09-078 - Water)** | | | | | | | | |
| **Reporting Units: mg/l** | | | | | | | | |
| Cadmium | EPA 6010B-Diss | 8H01093 | 0.0050 | ND | 1 | 8/1/2008 | 8/5/2008 | |
| **Chromium** | EPA 6010B-Diss | 8H01093 | 0.0050 | **8.0** | 1 | 8/1/2008 | 8/5/2008 | |
| Copper | EPA 6010B-Diss | 8H01093 | 0.010 | ND | 1 | 8/1/2008 | 8/5/2008 | |
| **Sample ID: IRG2440-04 (PTI-MW35-078 - Water)** | | | | | | | | |
| **Reporting Units: mg/l** | | | | | | | | |
| Cadmium | EPA 6010B-Diss | 8H01093 | 0.0050 | ND | 1 | 8/1/2008 | 8/5/2008 | |
| **Chromium** | EPA 6010B-Diss | 8H01093 | 0.0050 | **8.2** | 1 | 8/1/2008 | 8/5/2008 | |
| Copper | EPA 6010B-Diss | 8H01093 | 0.010 | ND | 1 | 8/1/2008 | 8/5/2008 | |

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Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2440

Sampled: 07/29/08
Received: 07/29/08

## INORGANICS

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| **Sample ID: IRG2440-02 (PTI-EB01-078 - Water)** | | | | | | | | |
| **Reporting Units: mg/l** | | | | | | | | |
| Chromium VI | EPA 7199 | 8G29087 | 0.0010 | ND | 1 | 7/29/2008 | 7/29/2008 | |
| **Sample ID: IRG2440-02 (PTI-EB01-078 - Water)** | | | | | | | | |
| **Reporting Units: pH Units** | | | | | | | | |
| **pH** | EPA 150.1 | 8G30073 | 0.100 | **8.47** | 1 | 7/30/2008 | 7/30/2008 | HFT |
| **Sample ID: IRG2440-03 (PTI-MW09-078 - Water)** | | | | | | | | |
| **Reporting Units: mg/l** | | | | | | | | |
| **Chromium VI** | EPA 7199 | 8G29087 | 1.0 | **8.3** | 1000 | 7/29/2008 | 7/29/2008 | |
| **Sample ID: IRG2440-03 (PTI-MW09-078 - Water)** | | | | | | | | |
| **Reporting Units: pH Units** | | | | | | | | |
| **pH** | EPA 150.1 | 8G30073 | 0.100 | **7.07** | 1 | 7/30/2008 | 7/30/2008 | HFT |
| **Sample ID: IRG2440-04 (PTI-MW35-078 - Water)** | | | | | | | | |
| **Reporting Units: mg/l** | | | | | | | | |
| Chromium VI | EPA 7199 | 8G29087 | 1.0 | **8.3** | 1000 | 7/29/2008 | 7/29/2008 | |
| **Sample ID: IRG2440-04 (PTI-MW35-078 - Water)** | | | | | | | | |
| **Reporting Units: pH Units** | | | | | | | | |
| **pH** | EPA 150.1 | 8G30073 | 0.100 | **7.04** | 1 | 7/30/2008 | 7/30/2008 | HFT |

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Report Number: IRG2440

Sampled: 07/29/08
Received: 07/29/08

# SHORT HOLD TIME DETAIL REPORT

| | Hold Time (in days) | Date/Time Sampled | Date/Time Received | Date/Time Extracted | Date/Time Analyzed |
|---|---|---|---|---|---|
| **Sample ID: PTI-EB01-078 (IRG2440-02) - Water** | | | | | |
| EPA 150.1 | 0 | 07/29/2008 13:30 | 07/29/2008 18:30 | 07/30/2008 09:15 | 07/30/2008 09:15 |
| EPA 7199 | 1 | 07/29/2008 13:30 | 07/29/2008 18:30 | 07/29/2008 20:27 | 07/29/2008 20:28 |
| **Sample ID: PTI-MW09-078 (IRG2440-03) - Water** | | | | | |
| EPA 150.1 | 0 | 07/29/2008 15:40 | 07/29/2008 18:30 | 07/30/2008 09:15 | 07/30/2008 09:15 |
| EPA 7199 | 1 | 07/29/2008 15:40 | 07/29/2008 18:30 | 07/29/2008 20:27 | 07/29/2008 21:32 |
| **Sample ID: PTI-MW35-078 (IRG2440-04) - Water** | | | | | |
| EPA 150.1 | 0 | 07/29/2008 15:45 | 07/29/2008 18:30 | 07/30/2008 09:15 | 07/30/2008 09:15 |
| EPA 7199 | 1 | 07/29/2008 15:45 | 07/29/2008 18:30 | 07/29/2008 20:27 | 07/29/2008 21:42 |

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06-441-C
Report Number: IRG2440

Sampled: 07/29/08
Received: 07/29/08

## METHOD BLANK/QC DATA

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: 8G31005 Extracted: 07/31/08** | | | | | | | | | | |
| **Blank Analyzed: 07/31/2008 (8G31005-BLK1)** | | | | | | | | | | |
| Benzene | ND | 0.50 | ug/l | | | | | | | |
| Bromobenzene | ND | 1.0 | ug/l | | | | | | | |
| Bromochloromethane | ND | 1.0 | ug/l | | | | | | | |
| Bromodichloromethane | ND | 1.0 | ug/l | | | | | | | |
| Bromoform | ND | 1.0 | ug/l | | | | | | | |
| Bromomethane | ND | 1.0 | ug/l | | | | | | | |
| n-Butylbenzene | ND | 1.0 | ug/l | | | | | | | |
| tert-Butylbenzene | ND | 1.0 | ug/l | | | | | | | |
| sec-Butylbenzene | ND | 1.0 | ug/l | | | | | | | |
| rbon tetrachloride | ND | 0.50 | ug/l | | | | | | | |
| lorobenzene | ND | 1.0 | ug/l | | | | | | | |
| Chloroethane | ND | 1.0 | ug/l | | | | | | | |
| Chloroform | ND | 1.0 | ug/l | | | | | | | |
| Chloromethane | ND | 1.0 | ug/l | | | | | | | |
| 4-Chlorotoluene | ND | 1.0 | ug/l | | | | | | | |
| 2-Chlorotoluene | ND | 1.0 | ug/l | | | | | | | |
| 1,2-Dibromo-3-chloropropane | ND | 5.0 | ug/l | | | | | | | |
| Dibromochloromethane | ND | 1.0 | ug/l | | | | | | | |
| 1,2-Dibromoethane (EDB) | ND | 1.0 | ug/l | | | | | | | |
| Dibromomethane | ND | 1.0 | ug/l | | | | | | | |
| 1,2-Dichlorobenzene | ND | 1.0 | ug/l | | | | | | | |
| 1,3-Dichlorobenzene | ND | 1.0 | ug/l | | | | | | | |
| 1,4-Dichlorobenzene | ND | 1.0 | ug/l | | | | | | | |
| Dichlorodifluoromethane | ND | 5.0 | ug/l | | | | | | | |
| 1,1-Dichloroethane | ND | 1.0 | ug/l | | | | | | | |
| 1,1-Dichloroethene | ND | 1.0 | ug/l | | | | | | | |
| cis-1,2-Dichloroethene | ND | 1.0 | ug/l | | | | | | | |
| trans-1,2-Dichloroethene | ND | 1.0 | ug/l | | | | | | | |
| 1,3-Dichloropropane | ND | 1.0 | ug/l | | | | | | | |
| 2,2-Dichloropropane | ND | 1.0 | ug/l | | | | | | | |
| 1,2-Dichloropropane | ND | 1.0 | ug/l | | | | | | | |
| cis-1,3-Dichloropropene | ND | 0.50 | ug/l | | | | | | | |
| trans-1,3-Dichloropropene | ND | 0.50 | ug/l | | | | | | | |
| 1,1-Dichloropropene | ND | 1.0 | ug/l | | | | | | | |
| Ethylbenzene | ND | 1.0 | ug/l | | | | | | | |
| 1,2-Dichloroethane | ND | 0.50 | ug/l | | | | | | | |

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Report Number: IRG2440

Sampled: 07/29/08
Received: 07/29/08

## METHOD BLANK/QC DATA

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: 8G31005 Extracted: 07/31/08** | | | | | | | | | | |
| **Blank Analyzed: 07/31/2008 (8G31005-BLK1)** | | | | | | | | | | |
| Hexachlorobutadiene | ND | 1.0 | ug/l | | | | | | | |
| Isopropylbenzene | ND | 1.0 | ug/l | | | | | | | |
| p-Isopropyltoluene | ND | 1.0 | ug/l | | | | | | | |
| Methylene chloride | ND | 5.0 | ug/l | | | | | | | |
| Naphthalene | ND | 1.0 | ug/l | | | | | | | |
| n-Propylbenzene | ND | 1.0 | ug/l | | | | | | | |
| Styrene | ND | 1.0 | ug/l | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | ug/l | | | | | | | |
| 1,1,2,2-Tetrachloroethane | ND | 1.0 | ug/l | | | | | | | |
| trachloroethene | ND | 1.0 | ug/l | | | | | | | |
| oluene | ND | 1.0 | ug/l | | | | | | | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | ug/l | | | | | | | |
| 1,2,4-Trichlorobenzene | ND | 1.0 | ug/l | | | | | | | |
| 1,1,1-Trichloroethane | ND | 1.0 | ug/l | | | | | | | |
| 1,1,2-Trichloroethane | ND | 1.0 | ug/l | | | | | | | |
| Trichloroethene | ND | 1.0 | ug/l | | | | | | | |
| Trichlorofluoromethane | ND | 1.0 | ug/l | | | | | | | |
| 1,2,3-Trichloropropane | ND | 1.0 | ug/l | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | 1.0 | ug/l | | | | | | | |
| 1,3,5-Trimethylbenzene | ND | 1.0 | ug/l | | | | | | | |
| Vinyl chloride | ND | 0.50 | ug/l | | | | | | | |
| m,p-Xylenes | ND | 1.0 | ug/l | | | | | | | |
| o-Xylene | ND | 1.0 | ug/l | | | | | | | |
| *Surrogate: 4-Bromofluorobenzene* | *23.4* | | *ug/l* | *25.0* | | *94* | *80-120* | | | |
| *Surrogate: Dibromofluoromethane* | *23.9* | | *ug/l* | *25.0* | | *95* | *80-120* | | | |
| *Surrogate: Toluene-d8* | *23.3* | | *ug/l* | *25.0* | | *93* | *80-120* | | | |
| **LCS Analyzed: 07/31/2008 (8G31005-BS1)** | | | | | | | | | | |
| Benzene | 23.7 | 0.50 | ug/l | 25.0 | | 95 | 70-120 | | | |
| Bromobenzene | 24.6 | 1.0 | ug/l | 25.0 | | 98 | 75-120 | | | |
| Bromochloromethane | 25.0 | 1.0 | ug/l | 25.0 | | 100 | 70-130 | | | |
| Bromodichloromethane | 27.7 | 1.0 | ug/l | 25.0 | | 111 | 70-135 | | | |
| Bromoform | 24.0 | 1.0 | ug/l | 25.0 | | 96 | 55-130 | | | |
| Bromomethane | 27.4 | 1.0 | ug/l | 25.0 | | 110 | 65-140 | | | |
| n-Butylbenzene | 25.6 | 1.0 | ug/l | 25.0 | | 102 | 70-130 | | | |
| tert-Butylbenzene | 26.0 | 1.0 | ug/l | 25.0 | | 104 | 70-125 | | | |

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Lena Davidkova For Patty Mata
Project Manager

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Iris Environmental
1438 Webster Street, Suite 302
Oakland, CA 94612
Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2440

Sampled: 07/29/08
Received: 07/29/08

## METHOD BLANK/QC DATA

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: 8G31005 Extracted: 07/31/08** | | | | | | | | | | |
| **LCS Analyzed: 07/31/2008 (8G31005-BS1)** | | | | | | | | | | |
| sec-Butylbenzene | 26.2 | 1.0 | ug/l | 25.0 | | 105 | 70-125 | | | |
| Carbon tetrachloride | 29.8 | 0.50 | ug/l | 25.0 | | 119 | 65-140 | | | |
| Chlorobenzene | 24.5 | 1.0 | ug/l | 25.0 | | 98 | 75-120 | | | |
| Chloroethane | 26.2 | 1.0 | ug/l | 25.0 | | 105 | 60-140 | | | |
| Chloroform | 24.7 | 1.0 | ug/l | 25.0 | | 99 | 70-130 | | | |
| Chloromethane | 24.7 | 1.0 | ug/l | 25.0 | | 99 | 50-140 | | | |
| 4-Chlorotoluene | 24.6 | 1.0 | ug/l | 25.0 | | 99 | 75-125 | | | |
| 2-Chlorotoluene | 24.5 | 1.0 | ug/l | 25.0 | | 98 | 70-125 | | | |
| 1,2-Dibromo-3-chloropropane | 27.4 | 5.0 | ug/l | 25.0 | | 109 | 50-135 | | | |
| bromochloromethane | 28.0 | 1.0 | ug/l | 25.0 | | 112 | 70-140 | | | |
| 2-Dibromoethane (EDB) | 24.8 | 1.0 | ug/l | 25.0 | | 99 | 75-125 | | | |
| Dibromomethane | 26.6 | 1.0 | ug/l | 25.0 | | 106 | 70-125 | | | |
| 1,2-Dichlorobenzene | 25.5 | 1.0 | ug/l | 25.0 | | 102 | 75-120 | | | |
| 1,3-Dichlorobenzene | 24.6 | 1.0 | ug/l | 25.0 | | 99 | 75-120 | | | |
| 1,4-Dichlorobenzene | 24.2 | 1.0 | ug/l | 25.0 | | 97 | 75-120 | | | |
| Dichlorodifluoromethane | 29.9 | 5.0 | ug/l | 25.0 | | 120 | 35-155 | | | |
| 1,1-Dichloroethane | 24.5 | 1.0 | ug/l | 25.0 | | 98 | 70-125 | | | |
| 1,1-Dichloroethene | 22.4 | 1.0 | ug/l | 25.0 | | 90 | 70-125 | | | |
| cis-1,2-Dichloroethene | 23.8 | 1.0 | ug/l | 25.0 | | 95 | 70-125 | | | |
| trans-1,2-Dichloroethene | 23.2 | 1.0 | ug/l | 25.0 | | 93 | 70-125 | | | |
| 1,3-Dichloropropane | 23.5 | 1.0 | ug/l | 25.0 | | 94 | 70-120 | | | |
| 2,2-Dichloropropane | 28.3 | 1.0 | ug/l | 25.0 | | 113 | 65-140 | | | |
| 1,2-Dichloropropane | 22.5 | 1.0 | ug/l | 25.0 | | 90 | 70-125 | | | |
| cis-1,3-Dichloropropene | 27.1 | 0.50 | ug/l | 25.0 | | 108 | 75-125 | | | |
| trans-1,3-Dichloropropene | 22.3 | 0.50 | ug/l | 25.0 | | 89 | 70-125 | | | |
| 1,1-Dichloropropene | 25.6 | 1.0 | ug/l | 25.0 | | 103 | 75-130 | | | |
| Ethylbenzene | 25.1 | 1.0 | ug/l | 25.0 | | 100 | 75-125 | | | |
| 1,2-Dichloroethane | 26.5 | 0.50 | ug/l | 25.0 | | 106 | 60-140 | | | |
| Hexachlorobutadiene | 26.5 | 1.0 | ug/l | 25.0 | | 106 | 65-135 | | | |
| Isopropylbenzene | 25.5 | 1.0 | ug/l | 25.0 | | 102 | 75-130 | | | |
| p-Isopropyltoluene | 26.9 | 1.0 | ug/l | 25.0 | | 108 | 75-125 | | | |
| Methylene chloride | 22.7 | 5.0 | ug/l | 25.0 | | 91 | 55-130 | | | |
| Naphthalene | 26.8 | 1.0 | ug/l | 25.0 | | 107 | 55-135 | | | |
| n-Propylbenzene | 25.4 | 1.0 | ug/l | 25.0 | | 102 | 75-130 | | | |
| Styrene | 25.8 | 1.0 | ug/l | 25.0 | | 103 | 75-130 | | | |
| 1,1,1,2-Tetrachloroethane | 26.6 | 1.0 | ug/l | 25.0 | | 107 | 70-130 | | | |

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Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2440

Sampled: 07/29/08
Received: 07/29/08

## METHOD BLANK/QC DATA

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: 8G31005 Extracted: 07/31/08** | | | | | | | | | | |
| **LCS Analyzed: 07/31/2008 (8G31005-BS1)** | | | | | | | | | | |
| 1,1,2,2-Tetrachloroethane | 23.7 | 1.0 | ug/l | 25.0 | | 95 | 55-130 | | | |
| Tetrachloroethene | 25.1 | 1.0 | ug/l | 25.0 | | 100 | 70-125 | | | |
| Toluene | 25.3 | 1.0 | ug/l | 25.0 | | 101 | 70-120 | | | |
| 1,2,3-Trichlorobenzene | 25.6 | 1.0 | ug/l | 25.0 | | 102 | 65-125 | | | |
| 1,2,4-Trichlorobenzene | 26.2 | 1.0 | ug/l | 25.0 | | 105 | 70-135 | | | |
| 1,1,1-Trichloroethane | 27.4 | 1.0 | ug/l | 25.0 | | 110 | 65-135 | | | |
| 1,1,2-Trichloroethane | 24.0 | 1.0 | ug/l | 25.0 | | 96 | 70-125 | | | |
| Trichloroethene | 24.8 | 1.0 | ug/l | 25.0 | | 99 | 70-125 | | | |
| Trichlorofluoromethane | 28.5 | 1.0 | ug/l | 25.0 | | 114 | 65-145 | | | |
| 1,2,3-Trichloropropane | 23.1 | 1.0 | ug/l | 25.0 | | 92 | 60-130 | | | |
| 1,2,4-Trimethylbenzene | 26.3 | 1.0 | ug/l | 25.0 | | 105 | 75-125 | | | |
| 1,3,5-Trimethylbenzene | 26.2 | 1.0 | ug/l | 25.0 | | 105 | 75-125 | | | |
| Vinyl chloride | 28.6 | 0.50 | ug/l | 25.0 | | 115 | 55-135 | | | |
| m,p-Xylenes | 49.2 | 1.0 | ug/l | 50.0 | | 98 | 75-125 | | | |
| o-Xylene | 25.0 | 1.0 | ug/l | 25.0 | | 100 | 75-125 | | | |
| *Surrogate: 4-Bromofluorobenzene* | *23.4* | | *ug/l* | *25.0* | | *94* | *80-120* | | | |
| *Surrogate: Dibromofluoromethane* | *23.7* | | *ug/l* | *25.0* | | *95* | *80-120* | | | |
| *Surrogate: Toluene-d8* | *23.5* | | *ug/l* | *25.0* | | *94* | *80-120* | | | |
| **Matrix Spike Analyzed: 07/31/2008 (8G31005-MS1)** | | | | | **Source: IRG2440-04** | | | | | |
| Benzene | 122 | 2.5 | ug/l | 125 | ND | 97 | 65-125 | | | |
| Bromobenzene | 125 | 5.0 | ug/l | 125 | ND | 100 | 70-125 | | | |
| Bromochloromethane | 128 | 5.0 | ug/l | 125 | ND | 102 | 65-135 | | | |
| Bromodichloromethane | 146 | 5.0 | ug/l | 125 | ND | 117 | 70-135 | | | |
| Bromoform | 124 | 5.0 | ug/l | 125 | ND | 99 | 55-135 | | | |
| Bromomethane | 143 | 5.0 | ug/l | 125 | ND | 115 | 55-145 | | | |
| n-Butylbenzene | 141 | 5.0 | ug/l | 125 | ND | 113 | 65-135 | | | |
| tert-Butylbenzene | 137 | 5.0 | ug/l | 125 | ND | 110 | 65-130 | | | |
| sec-Butylbenzene | 139 | 5.0 | ug/l | 125 | ND | 111 | 70-125 | | | |
| Carbon tetrachloride | 161 | 2.5 | ug/l | 125 | ND | 129 | 65-140 | | | |
| Chlorobenzene | 128 | 5.0 | ug/l | 125 | ND | 102 | 75-125 | | | |
| Chloroethane | 139 | 5.0 | ug/l | 125 | ND | 111 | 55-140 | | | |
| Chloroform | 167 | 5.0 | ug/l | 125 | 37.0 | 104 | 65-135 | | | |
| Chloromethane | 125 | 5.0 | ug/l | 125 | ND | 100 | 45-145 | | | |
| 4-Chlorotoluene | 130 | 5.0 | ug/l | 125 | ND | 104 | 70-135 | | | |
| 2-Chlorotoluene | 127 | 5.0 | ug/l | 125 | ND | 102 | 65-135 | | | |

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Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2440

Sampled: 07/29/08
Received: 07/29/08

## METHOD BLANK/QC DATA

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: 8G31005 Extracted: 07/31/08** | | | | | | | | | | |
| **Matrix Spike Analyzed: 07/31/2008 (8G31005-MS1)** | | | | | **Source: IRG2440-04** | | | | | |
| 1,2-Dibromo-3-chloropropane | 141 | 25 | ug/l | 125 | ND | 113 | 45-145 | | | |
| Dibromochloromethane | 145 | 5.0 | ug/l | 125 | ND | 116 | 65-140 | | | |
| 1,2-Dibromoethane (EDB) | 127 | 5.0 | ug/l | 125 | ND | 101 | 70-130 | | | |
| Dibromomethane | 137 | 5.0 | ug/l | 125 | ND | 109 | 65-135 | | | |
| 1,2-Dichlorobenzene | 132 | 5.0 | ug/l | 125 | ND | 106 | 75-125 | | | |
| 1,3-Dichlorobenzene | 128 | 5.0 | ug/l | 125 | ND | 102 | 75-125 | | | |
| 1,4-Dichlorobenzene | 125 | 5.0 | ug/l | 125 | ND | 100 | 75-125 | | | |
| Dichlorodifluoromethane | 138 | 25 | ug/l | 125 | ND | 110 | 25-155 | | | |
| 1,1-Dichloroethane | 211 | 5.0 | ug/l | 125 | 83.2 | 102 | 65-130 | | | |
| 1,1-Dichloroethene | 144 | 5.0 | ug/l | 125 | 22.4 | 97 | 60-130 | | | |
| cis-1,2-Dichloroethene | 127 | 5.0 | ug/l | 125 | 3.35 | 99 | 65-130 | | | |
| trans-1,2-Dichloroethene | 121 | 5.0 | ug/l | 125 | ND | 97 | 65-130 | | | |
| 1,3-Dichloropropane | 121 | 5.0 | ug/l | 125 | ND | 97 | 65-135 | | | |
| 2,2-Dichloropropane | 157 | 5.0 | ug/l | 125 | ND | 125 | 60-145 | | | |
| 1,2-Dichloropropane | 113 | 5.0 | ug/l | 125 | ND | 90 | 65-130 | | | |
| cis-1,3-Dichloropropene | 136 | 2.5 | ug/l | 125 | ND | 109 | 70-130 | | | |
| trans-1,3-Dichloropropene | 115 | 2.5 | ug/l | 125 | ND | 92 | 65-135 | | | |
| 1,1-Dichloropropene | 135 | 5.0 | ug/l | 125 | ND | 108 | 70-135 | | | |
| Ethylbenzene | 133 | 5.0 | ug/l | 125 | ND | 106 | 65-130 | | | |
| 1,2-Dichloroethane | 163 | 2.5 | ug/l | 125 | 22.6 | 112 | 60-140 | | | |
| Hexachlorobutadiene | 145 | 5.0 | ug/l | 125 | ND | 116 | 60-135 | | | |
| Isopropylbenzene | 134 | 5.0 | ug/l | 125 | ND | 107 | 70-135 | | | |
| p-Isopropyltoluene | 145 | 5.0 | ug/l | 125 | ND | 116 | 65-130 | | | |
| Methylene chloride | 124 | 25 | ug/l | 125 | 6.10 | 94 | 50-135 | | | |
| Naphthalene | 140 | 5.0 | ug/l | 125 | ND | 112 | 50-140 | | | |
| n-Propylbenzene | 133 | 5.0 | ug/l | 125 | ND | 107 | 70-135 | | | |
| Styrene | 130 | 5.0 | ug/l | 125 | ND | 104 | 50-145 | | | |
| 1,1,1,2-Tetrachloroethane | 138 | 5.0 | ug/l | 125 | ND | 110 | 65-140 | | | |
| 1,1,2,2-Tetrachloroethane | 121 | 5.0 | ug/l | 125 | ND | 97 | 55-135 | | | |
| Tetrachloroethene | 137 | 5.0 | ug/l | 125 | 6.10 | 104 | 65-130 | | | |
| Toluene | 131 | 5.0 | ug/l | 125 | ND | 105 | 70-125 | | | |
| 1,2,3-Trichlorobenzene | 134 | 5.0 | ug/l | 125 | ND | 108 | 60-135 | | | |
| 1,2,4-Trichlorobenzene | 137 | 5.0 | ug/l | 125 | ND | 110 | 65-135 | | | |
| 1,1,1-Trichloroethane | 151 | 5.0 | ug/l | 125 | ND | 120 | 65-140 | | | |
| 1,1,2-Trichloroethane | 121 | 5.0 | ug/l | 125 | ND | 97 | 65-130 | | | |
| Trichloroethene | 241 | 5.0 | ug/l | 125 | 105 | 108 | 65-125 | | | |

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Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2440

Sampled: 07/29/08
Received: 07/29/08

## METHOD BLANK/QC DATA

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: 8G31005 Extracted: 07/31/08** | | | | | | | | | | |
| **Matrix Spike Analyzed: 07/31/2008 (8G31005-MS1)** | | | | | **Source: IRG2440-04** | | | | | |
| Trichlorofluoromethane | 155 | 5.0 | ug/l | 125 | ND | 124 | 60-145 | | | |
| 1,2,3-Trichloropropane | 121 | 5.0 | ug/l | 125 | ND | 97 | 55-135 | | | |
| 1,2,4-Trimethylbenzene | 139 | 5.0 | ug/l | 125 | ND | 111 | 55-135 | | | |
| 1,3,5-Trimethylbenzene | 139 | 5.0 | ug/l | 125 | ND | 111 | 70-130 | | | |
| Vinyl chloride | 151 | 2.5 | ug/l | 125 | ND | 121 | 45-140 | | | |
| m,p-Xylenes | 259 | 5.0 | ug/l | 250 | ND | 103 | 65-130 | | | |
| o-Xylene | 130 | 5.0 | ug/l | 125 | ND | 104 | 65-125 | | | |
| *Surrogate: 4-Bromofluorobenzene* | *120* | | *ug/l* | *125* | | *96* | *80-120* | | | |
| *Surrogate: Dibromofluoromethane* | *119* | | *ug/l* | *125* | | *95* | *80-120* | | | |
| *rrogate: Toluene-d8* | *117* | | *ug/l* | *125* | | *94* | *80-120* | | | |
| **Matrix Spike Dup Analyzed: 07/31/2008 (8G31005-MSD1)** | | | | | **Source: IRG2440-04** | | | | | |
| Benzene | 112 | 2.5 | ug/l | 125 | ND | 90 | 65-125 | 8 | 20 | |
| Bromobenzene | 117 | 5.0 | ug/l | 125 | ND | 94 | 70-125 | 7 | 20 | |
| Bromochloromethane | 119 | 5.0 | ug/l | 125 | ND | 95 | 65-135 | 7 | 25 | |
| Bromodichloromethane | 136 | 5.0 | ug/l | 125 | ND | 109 | 70-135 | 7 | 20 | |
| Bromoform | 123 | 5.0 | ug/l | 125 | ND | 98 | 55-135 | 1 | 25 | |
| Bromomethane | 134 | 5.0 | ug/l | 125 | ND | 107 | 55-145 | 7 | 25 | |
| n-Butylbenzene | 130 | 5.0 | ug/l | 125 | ND | 104 | 65-135 | 8 | 20 | |
| tert-Butylbenzene | 126 | 5.0 | ug/l | 125 | ND | 101 | 65-130 | 9 | 20 | |
| sec-Butylbenzene | 128 | 5.0 | ug/l | 125 | ND | 102 | 70-125 | 8 | 20 | |
| Carbon tetrachloride | 146 | 2.5 | ug/l | 125 | ND | 117 | 65-140 | 10 | 25 | |
| Chlorobenzene | 119 | 5.0 | ug/l | 125 | ND | 95 | 75-125 | 7 | 20 | |
| Chloroethane | 129 | 5.0 | ug/l | 125 | ND | 103 | 55-140 | 7 | 25 | |
| Chloroform | 152 | 5.0 | ug/l | 125 | 37.0 | 92 | 65-135 | 9 | 20 | |
| Chloromethane | 116 | 5.0 | ug/l | 125 | ND | 93 | 45-145 | 7 | 25 | |
| 4-Chlorotoluene | 120 | 5.0 | ug/l | 125 | ND | 96 | 70-135 | 8 | 20 | |
| 2-Chlorotoluene | 119 | 5.0 | ug/l | 125 | ND | 95 | 65-135 | 7 | 20 | |
| 1,2-Dibromo-3-chloropropane | 150 | 25 | ug/l | 125 | ND | 120 | 45-145 | 6 | 30 | |
| Dibromochloromethane | 138 | 5.0 | ug/l | 125 | ND | 111 | 65-140 | 4 | 25 | |
| 1,2-Dibromoethane (EDB) | 124 | 5.0 | ug/l | 125 | ND | 99 | 70-130 | 2 | 25 | |
| Dibromomethane | 131 | 5.0 | ug/l | 125 | ND | 104 | 65-135 | 5 | 25 | |
| 1,2-Dichlorobenzene | 124 | 5.0 | ug/l | 125 | ND | 99 | 75-125 | 6 | 20 | |
| 1,3-Dichlorobenzene | 120 | 5.0 | ug/l | 125 | ND | 96 | 75-125 | 7 | 20 | |
| 1,4-Dichlorobenzene | 118 | 5.0 | ug/l | 125 | ND | 94 | 75-125 | 6 | 20 | |
| Dichlorodifluoromethane | 127 | 25 | ug/l | 125 | ND | 101 | 25-155 | 9 | 30 | |

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Report Number: IRG2440

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Received: 07/29/08

## METHOD BLANK/QC DATA

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: 8G31005 Extracted: 07/31/08** | | | | | | | | | | |
| **Matrix Spike Dup Analyzed: 07/31/2008 (8G31005-MSD1)** | | | | | **Source: IRG2440-04** | | | | | |
| 1,1-Dichloroethane | 192 | 5.0 | ug/l | 125 | 83.2 | 87 | 65-130 | 10 | 20 | |
| 1,1-Dichloroethene | 131 | 5.0 | ug/l | 125 | 22.4 | 87 | 60-130 | 9 | 20 | |
| cis-1,2-Dichloroethene | 116 | 5.0 | ug/l | 125 | 3.35 | 90 | 65-130 | 9 | 20 | |
| trans-1,2-Dichloroethene | 111 | 5.0 | ug/l | 125 | ND | 89 | 65-130 | 9 | 20 | |
| 1,3-Dichloropropane | 115 | 5.0 | ug/l | 125 | ND | 92 | 65-135 | 5 | 25 | |
| 2,2-Dichloropropane | 141 | 5.0 | ug/l | 125 | ND | 113 | 60-145 | 10 | 25 | |
| 1,2-Dichloropropane | 106 | 5.0 | ug/l | 125 | ND | 85 | 65-130 | 6 | 20 | |
| cis-1,3-Dichloropropene | 127 | 2.5 | ug/l | 125 | ND | 102 | 70-130 | 6 | 20 | |
| trans-1,3-Dichloropropene | 109 | 2.5 | ug/l | 125 | ND | 88 | 65-135 | 5 | 25 | |
| 1-Dichloropropene | 124 | 5.0 | ug/l | 125 | ND | 99 | 70-135 | 9 | 20 | |
| Ethylbenzene | 123 | 5.0 | ug/l | 125 | ND | 99 | 65-130 | 7 | 20 | |
| 1,2-Dichloroethane | 151 | 2.5 | ug/l | 125 | 22.6 | 102 | 60-140 | 8 | 20 | |
| Hexachlorobutadiene | 135 | 5.0 | ug/l | 125 | ND | 108 | 60-135 | 7 | 20 | |
| Isopropylbenzene | 123 | 5.0 | ug/l | 125 | ND | 98 | 70-135 | 9 | 20 | |
| p-Isopropyltoluene | 133 | 5.0 | ug/l | 125 | ND | 107 | 65-130 | 9 | 20 | |
| Methylene chloride | 116 | 25 | ug/l | 125 | 6.10 | 88 | 50-135 | 7 | 20 | |
| Naphthalene | 145 | 5.0 | ug/l | 125 | ND | 116 | 50-140 | 4 | 30 | |
| n-Propylbenzene | 124 | 5.0 | ug/l | 125 | ND | 100 | 70-135 | 7 | 20 | |
| Styrene | 123 | 5.0 | ug/l | 125 | ND | 98 | 50-145 | 6 | 30 | |
| 1,1,1,2-Tetrachloroethane | 128 | 5.0 | ug/l | 125 | ND | 102 | 65-140 | 7 | 20 | |
| 1,1,2,2-Tetrachloroethane | 118 | 5.0 | ug/l | 125 | ND | 95 | 55-135 | 3 | 30 | |
| Tetrachloroethene | 126 | 5.0 | ug/l | 125 | 6.10 | 96 | 65-130 | 8 | 20 | |
| Toluene | 121 | 5.0 | ug/l | 125 | ND | 97 | 70-125 | 8 | 20 | |
| 1,2,3-Trichlorobenzene | 135 | 5.0 | ug/l | 125 | ND | 108 | 60-135 | 1 | 20 | |
| 1,2,4-Trichlorobenzene | 133 | 5.0 | ug/l | 125 | ND | 106 | 65-135 | 3 | 20 | |
| 1,1,1-Trichloroethane | 134 | 5.0 | ug/l | 125 | ND | 107 | 65-140 | 12 | 20 | |
| 1,1,2-Trichloroethane | 117 | 5.0 | ug/l | 125 | ND | 94 | 65-130 | 4 | 25 | |
| Trichloroethene | 216 | 5.0 | ug/l | 125 | 105 | 88 | 65-125 | 11 | 20 | |
| Trichlorofluoromethane | 140 | 5.0 | ug/l | 125 | ND | 112 | 60-145 | 10 | 25 | |
| 1,2,3-Trichloropropane | 117 | 5.0 | ug/l | 125 | ND | 94 | 55-135 | 3 | 30 | |
| 1,2,4-Trimethylbenzene | 128 | 5.0 | ug/l | 125 | ND | 103 | 55-135 | 8 | 25 | |
| 1,3,5-Trimethylbenzene | 127 | 5.0 | ug/l | 125 | ND | 102 | 70-130 | 9 | 20 | |
| Vinyl chloride | 142 | 2.5 | ug/l | 125 | ND | 113 | 45-140 | 6 | 30 | |
| m,p-Xylenes | 239 | 5.0 | ug/l | 250 | ND | 95 | 65-130 | 8 | 25 | |
| o-Xylene | 121 | 5.0 | ug/l | 125 | ND | 97 | 65-125 | 7 | 20 | |
| *Surrogate: 4-Bromofluorobenzene* | *119* | | *ug/l* | *125* | | *95* | *80-120* | | | |

**TestAmerica Irvine**

Lena Davidkova For Patty Mata
Project Manager

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Iris Environmental
1438 Webster Street, Suite 302
Oakland, CA 94612
Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2440

Sampled: 07/29/08
Received: 07/29/08

## METHOD BLANK/QC DATA

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: 8G31005 Extracted: 07/31/08** | | | | | | | | | | |
| **Matrix Spike Dup Analyzed: 07/31/2008 (8G31005-MSD1)** | | | | | **Source: IRG2440-04** | | | | | |
| *Surrogate: Dibromofluoromethane* | *118* | | *ug/l* | *125* | | *94* | *80-120* | | | |
| *Surrogate: Toluene-d8* | *118* | | *ug/l* | *125* | | *94* | *80-120* | | | |
| **Batch: 8G31022 Extracted: 07/31/08** | | | | | | | | | | |
| **Blank Analyzed: 07/31/2008 (8G31022-BLK1)** | | | | | | | | | | |
| Benzene | ND | 0.50 | ug/l | | | | | | | |
| Bromobenzene | ND | 1.0 | ug/l | | | | | | | |
| Bromochloromethane | ND | 1.0 | ug/l | | | | | | | |
| Bromodichloromethane | ND | 1.0 | ug/l | | | | | | | |
| omoform | ND | 1.0 | ug/l | | | | | | | |
| Bromomethane | ND | 1.0 | ug/l | | | | | | | |
| n-Butylbenzene | ND | 1.0 | ug/l | | | | | | | |
| tert-Butylbenzene | ND | 1.0 | ug/l | | | | | | | |
| sec-Butylbenzene | ND | 1.0 | ug/l | | | | | | | |
| Carbon tetrachloride | ND | 0.50 | ug/l | | | | | | | |
| Chlorobenzene | ND | 1.0 | ug/l | | | | | | | |
| Chloroethane | ND | 1.0 | ug/l | | | | | | | |
| Chloroform | ND | 1.0 | ug/l | | | | | | | |
| Chloromethane | ND | 1.0 | ug/l | | | | | | | |
| 4-Chlorotoluene | ND | 1.0 | ug/l | | | | | | | |
| 2-Chlorotoluene | ND | 1.0 | ug/l | | | | | | | |
| 1,2-Dibromo-3-chloropropane | ND | 5.0 | ug/l | | | | | | | |
| Dibromochloromethane | ND | 1.0 | ug/l | | | | | | | |
| 1,2-Dibromoethane (EDB) | ND | 1.0 | ug/l | | | | | | | |
| Dibromomethane | ND | 1.0 | ug/l | | | | | | | |
| 1,2-Dichlorobenzene | ND | 1.0 | ug/l | | | | | | | |
| 1,3-Dichlorobenzene | ND | 1.0 | ug/l | | | | | | | |
| 1,4-Dichlorobenzene | ND | 1.0 | ug/l | | | | | | | |
| Dichlorodifluoromethane | ND | 5.0 | ug/l | | | | | | | |
| 1,1-Dichloroethane | ND | 1.0 | ug/l | | | | | | | |
| 1,1-Dichloroethene | ND | 1.0 | ug/l | | | | | | | |
| cis-1,2-Dichloroethene | ND | 1.0 | ug/l | | | | | | | |
| trans-1,2-Dichloroethene | ND | 1.0 | ug/l | | | | | | | |
| 1,3-Dichloropropane | ND | 1.0 | ug/l | | | | | | | |
| 2,2-Dichloropropane | ND | 1.0 | ug/l | | | | | | | |

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Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2440

Sampled: 07/29/08
Received: 07/29/08

## METHOD BLANK/QC DATA

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: 8G31022 Extracted: 07/31/08** | | | | | | | | | | |
| **Blank Analyzed: 07/31/2008 (8G31022-BLK1)** | | | | | | | | | | |
| 1,2-Dichloropropane | ND | 1.0 | ug/l | | | | | | | |
| cis-1,3-Dichloropropene | ND | 0.50 | ug/l | | | | | | | |
| trans-1,3-Dichloropropene | ND | 0.50 | ug/l | | | | | | | |
| 1,1-Dichloropropene | ND | 1.0 | ug/l | | | | | | | |
| Ethylbenzene | ND | 1.0 | ug/l | | | | | | | |
| 1,2-Dichloroethane | ND | 0.50 | ug/l | | | | | | | |
| Hexachlorobutadiene | ND | 1.0 | ug/l | | | | | | | |
| Isopropylbenzene | ND | 1.0 | ug/l | | | | | | | |
| p-Isopropyltoluene | ND | 1.0 | ug/l | | | | | | | |
| ethylene chloride | ND | 5.0 | ug/l | | | | | | | |
| aphthalene | ND | 1.0 | ug/l | | | | | | | |
| n-Propylbenzene | ND | 1.0 | ug/l | | | | | | | |
| Styrene | ND | 1.0 | ug/l | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | ug/l | | | | | | | |
| 1,1,2,2-Tetrachloroethane | ND | 1.0 | ug/l | | | | | | | |
| Tetrachloroethene | ND | 1.0 | ug/l | | | | | | | |
| Toluene | ND | 1.0 | ug/l | | | | | | | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | ug/l | | | | | | | |
| 1,2,4-Trichlorobenzene | ND | 1.0 | ug/l | | | | | | | |
| 1,1,1-Trichloroethane | ND | 1.0 | ug/l | | | | | | | |
| 1,1,2-Trichloroethane | ND | 1.0 | ug/l | | | | | | | |
| Trichloroethene | ND | 1.0 | ug/l | | | | | | | |
| Trichlorofluoromethane | ND | 1.0 | ug/l | | | | | | | |
| 1,2,3-Trichloropropane | ND | 1.0 | ug/l | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | 1.0 | ug/l | | | | | | | |
| 1,3,5-Trimethylbenzene | ND | 1.0 | ug/l | | | | | | | |
| Vinyl chloride | ND | 0.50 | ug/l | | | | | | | |
| m,p-Xylenes | ND | 1.0 | ug/l | | | | | | | |
| o-Xylene | ND | 1.0 | ug/l | | | | | | | |
| *Surrogate: 4-Bromofluorobenzene* | *22.6* | | *ug/l* | *25.0* | | *90* | *80-120* | | | |
| *Surrogate: Dibromofluoromethane* | *21.9* | | *ug/l* | *25.0* | | *88* | *80-120* | | | |
| *Surrogate: Toluene-d8* | *23.0* | | *ug/l* | *25.0* | | *92* | *80-120* | | | |

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Report Number: IRG2440

Sampled: 07/29/08
Received: 07/29/08

## METHOD BLANK/QC DATA

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: 8G31022 Extracted: 07/31/08** | | | | | | | | | | |
| **LCS Analyzed: 07/31/2008 (8G31022-BS1)** | | | | | | | | | | |
| Benzene | 23.9 | 0.50 | ug/l | 25.0 | | 96 | 70-120 | | | |
| Bromobenzene | 25.2 | 1.0 | ug/l | 25.0 | | 101 | 75-120 | | | |
| Bromochloromethane | 24.8 | 1.0 | ug/l | 25.0 | | 99 | 70-130 | | | |
| Bromodichloromethane | 25.4 | 1.0 | ug/l | 25.0 | | 102 | 70-135 | | | |
| Bromoform | 22.8 | 1.0 | ug/l | 25.0 | | 91 | 55-130 | | | |
| Bromomethane | 21.5 | 1.0 | ug/l | 25.0 | | 86 | 65-140 | | | |
| n-Butylbenzene | 26.1 | 1.0 | ug/l | 25.0 | | 105 | 70-130 | | | |
| tert-Butylbenzene | 25.8 | 1.0 | ug/l | 25.0 | | 103 | 70-125 | | | |
| sec-Butylbenzene | 26.3 | 1.0 | ug/l | 25.0 | | 105 | 70-125 | | | |
| Carbon tetrachloride | 26.7 | 0.50 | ug/l | 25.0 | | 107 | 65-140 | | | |
| Chlorobenzene | 24.8 | 1.0 | ug/l | 25.0 | | 99 | 75-120 | | | |
| Chloroethane | 22.3 | 1.0 | ug/l | 25.0 | | 89 | 60-140 | | | |
| Chloroform | 22.5 | 1.0 | ug/l | 25.0 | | 90 | 70-130 | | | |
| Chloromethane | 15.9 | 1.0 | ug/l | 25.0 | | 64 | 50-140 | | | |
| 4-Chlorotoluene | 24.8 | 1.0 | ug/l | 25.0 | | 99 | 75-125 | | | |
| 2-Chlorotoluene | 24.6 | 1.0 | ug/l | 25.0 | | 98 | 70-125 | | | |
| 1,2-Dibromo-3-chloropropane | 24.9 | 5.0 | ug/l | 25.0 | | 100 | 50-135 | | | |
| Dibromochloromethane | 26.6 | 1.0 | ug/l | 25.0 | | 106 | 70-140 | | | |
| 1,2-Dibromoethane (EDB) | 24.6 | 1.0 | ug/l | 25.0 | | 98 | 75-125 | | | |
| Dibromomethane | 25.5 | 1.0 | ug/l | 25.0 | | 102 | 70-125 | | | |
| 1,2-Dichlorobenzene | 25.0 | 1.0 | ug/l | 25.0 | | 100 | 75-120 | | | |
| 1,3-Dichlorobenzene | 24.8 | 1.0 | ug/l | 25.0 | | 99 | 75-120 | | | |
| 1,4-Dichlorobenzene | 24.5 | 1.0 | ug/l | 25.0 | | 98 | 75-120 | | | |
| Dichlorodifluoromethane | 11.0 | 5.0 | ug/l | 25.0 | | 44 | 35-155 | | | |
| 1,1-Dichloroethane | 23.0 | 1.0 | ug/l | 25.0 | | 92 | 70-125 | | | |
| 1,1-Dichloroethene | 23.7 | 1.0 | ug/l | 25.0 | | 95 | 70-125 | | | |
| cis-1,2-Dichloroethene | 22.7 | 1.0 | ug/l | 25.0 | | 91 | 70-125 | | | |
| trans-1,2-Dichloroethene | 20.4 | 1.0 | ug/l | 25.0 | | 82 | 70-125 | | | |
| 1,3-Dichloropropane | 24.7 | 1.0 | ug/l | 25.0 | | 99 | 70-120 | | | |
| 2,2-Dichloropropane | 25.4 | 1.0 | ug/l | 25.0 | | 102 | 65-140 | | | |
| 1,2-Dichloropropane | 23.6 | 1.0 | ug/l | 25.0 | | 94 | 70-125 | | | |
| cis-1,3-Dichloropropene | 31.5 | 0.50 | ug/l | 25.0 | | 126 | 75-125 | | | *L* |
| trans-1,3-Dichloropropene | 25.0 | 0.50 | ug/l | 25.0 | | 100 | 70-125 | | | |
| 1,1-Dichloropropene | 26.2 | 1.0 | ug/l | 25.0 | | 105 | 75-130 | | | |
| Ethylbenzene | 25.1 | 1.0 | ug/l | 25.0 | | 100 | 75-125 | | | |
| 1,2-Dichloroethane | 24.7 | 0.50 | ug/l | 25.0 | | 99 | 60-140 | | | |

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Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2440

Sampled: 07/29/08
Received: 07/29/08

## METHOD BLANK/QC DATA

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: 8G31022 Extracted: 07/31/08** | | | | | | | | | | |
| **LCS Analyzed: 07/31/2008 (8G31022-BS1)** | | | | | | | | | | |
| Hexachlorobutadiene | 26.9 | 1.0 | ug/l | 25.0 | | 108 | 65-135 | | | |
| Isopropylbenzene | 26.0 | 1.0 | ug/l | 25.0 | | 104 | 75-130 | | | |
| p-Isopropyltoluene | 26.7 | 1.0 | ug/l | 25.0 | | 107 | 75-125 | | | |
| Methylene chloride | 23.7 | 5.0 | ug/l | 25.0 | | 95 | 55-130 | | | |
| Naphthalene | 26.5 | 1.0 | ug/l | 25.0 | | 106 | 55-135 | | | |
| n-Propylbenzene | 26.1 | 1.0 | ug/l | 25.0 | | 104 | 75-130 | | | |
| Styrene | 25.1 | 1.0 | ug/l | 25.0 | | 100 | 75-130 | | | |
| 1,1,1,2-Tetrachloroethane | 26.1 | 1.0 | ug/l | 25.0 | | 104 | 70-130 | | | |
| 1,1,2,2-Tetrachloroethane | 24.8 | 1.0 | ug/l | 25.0 | | 99 | 55-130 | | | |
| Tetrachloroethene | 24.7 | 1.0 | ug/l | 25.0 | | 99 | 70-125 | | | |
| Toluene | 25.7 | 1.0 | ug/l | 25.0 | | 103 | 70-120 | | | |
| 1,2,3-Trichlorobenzene | 26.6 | 1.0 | ug/l | 25.0 | | 106 | 65-125 | | | |
| 1,2,4-Trichlorobenzene | 27.2 | 1.0 | ug/l | 25.0 | | 109 | 70-135 | | | |
| 1,1,1-Trichloroethane | 24.4 | 1.0 | ug/l | 25.0 | | 98 | 65-135 | | | |
| 1,1,2-Trichloroethane | 25.1 | 1.0 | ug/l | 25.0 | | 100 | 70-125 | | | |
| Trichloroethene | 25.7 | 1.0 | ug/l | 25.0 | | 103 | 70-125 | | | |
| Trichlorofluoromethane | 20.4 | 1.0 | ug/l | 25.0 | | 82 | 65-145 | | | |
| 1,2,3-Trichloropropane | 24.0 | 1.0 | ug/l | 25.0 | | 96 | 60-130 | | | |
| 1,2,4-Trimethylbenzene | 26.2 | 1.0 | ug/l | 25.0 | | 105 | 75-125 | | | |
| 1,3,5-Trimethylbenzene | 25.9 | 1.0 | ug/l | 25.0 | | 104 | 75-125 | | | |
| Vinyl chloride | 20.3 | 0.50 | ug/l | 25.0 | | 81 | 55-135 | | | |
| m,p-Xylenes | 49.9 | 1.0 | ug/l | 50.0 | | 100 | 75-125 | | | |
| o-Xylene | 24.2 | 1.0 | ug/l | 25.0 | | 97 | 75-125 | | | |
| *Surrogate: 4-Bromofluorobenzene* | *22.3* | | *ug/l* | *25.0* | | *89* | *80-120* | | | |
| *Surrogate: Dibromofluoromethane* | *22.2* | | *ug/l* | *25.0* | | *89* | *80-120* | | | |
| *Surrogate: Toluene-d8* | *23.2* | | *ug/l* | *25.0* | | *93* | *80-120* | | | |
| **Matrix Spike Analyzed: 07/31/2008 (8G31022-MS1)** | | | | | **Source: IRG2441-01** | | | | | |
| Benzene | 24.9 | 0.50 | ug/l | 25.0 | ND | 100 | 65-125 | | | |
| Bromobenzene | 26.7 | 1.0 | ug/l | 25.0 | ND | 107 | 70-125 | | | |
| Bromochloromethane | 26.1 | 1.0 | ug/l | 25.0 | ND | 104 | 65-135 | | | |
| Bromodichloromethane | 27.8 | 1.0 | ug/l | 25.0 | ND | 111 | 70-135 | | | |
| Bromoform | 28.4 | 1.0 | ug/l | 25.0 | ND | 114 | 55-135 | | | |
| Bromomethane | 21.6 | 1.0 | ug/l | 25.0 | ND | 86 | 55-145 | | | |
| n-Butylbenzene | 26.6 | 1.0 | ug/l | 25.0 | ND | 106 | 65-135 | | | |
| tert-Butylbenzene | 26.4 | 1.0 | ug/l | 25.0 | ND | 106 | 65-130 | | | |

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Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2440

Sampled: 07/29/08
Received: 07/29/08

## METHOD BLANK/QC DATA

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: 8G31022 Extracted: 07/31/08** | | | | | | | | | | |
| **Matrix Spike Analyzed: 07/31/2008 (8G31022-MS1)** | | | | | **Source: IRG2441-01** | | | | | |
| sec-Butylbenzene | 26.9 | 1.0 | ug/l | 25.0 | ND | 108 | 70-125 | | | |
| Carbon tetrachloride | 28.3 | 0.50 | ug/l | 25.0 | ND | 113 | 65-140 | | | |
| Chlorobenzene | 26.1 | 1.0 | ug/l | 25.0 | 0.620 | 102 | 75-125 | | | |
| Chloroethane | 22.9 | 1.0 | ug/l | 25.0 | ND | 92 | 55-140 | | | |
| Chloroform | 22.9 | 1.0 | ug/l | 25.0 | 0.530 | 89 | 65-135 | | | |
| Chloromethane | 16.7 | 1.0 | ug/l | 25.0 | ND | 67 | 45-145 | | | |
| 4-Chlorotoluene | 25.2 | 1.0 | ug/l | 25.0 | ND | 101 | 70-135 | | | |
| 2-Chlorotoluene | 24.7 | 1.0 | ug/l | 25.0 | ND | 99 | 65-135 | | | |
| 1,2-Dibromo-3-chloropropane | 29.5 | 5.0 | ug/l | 25.0 | ND | 118 | 45-145 | | | |
| Dibromochloromethane | 30.2 | 1.0 | ug/l | 25.0 | ND | 121 | 65-140 | | | |
| 1,2-Dibromoethane (EDB) | 26.9 | 1.0 | ug/l | 25.0 | ND | 107 | 70-130 | | | |
| Dibromomethane | 27.0 | 1.0 | ug/l | 25.0 | ND | 108 | 65-135 | | | |
| 1,2-Dichlorobenzene | 26.2 | 1.0 | ug/l | 25.0 | ND | 105 | 75-125 | | | |
| 1,3-Dichlorobenzene | 26.0 | 1.0 | ug/l | 25.0 | ND | 104 | 75-125 | | | |
| 1,4-Dichlorobenzene | 25.5 | 1.0 | ug/l | 25.0 | ND | 102 | 75-125 | | | |
| Dichlorodifluoromethane | 12.4 | 5.0 | ug/l | 25.0 | ND | 50 | 25-155 | | | |
| 1,1-Dichloroethane | 85.0 | 1.0 | ug/l | 25.0 | 63.4 | 86 | 65-130 | | | |
| 1,1-Dichloroethene | 36.9 | 1.0 | ug/l | 25.0 | 16.0 | 84 | 60-130 | | | |
| cis-1,2-Dichloroethene | 28.6 | 1.0 | ug/l | 25.0 | 5.20 | 93 | 65-130 | | | |
| trans-1,2-Dichloroethene | 21.6 | 1.0 | ug/l | 25.0 | 0.830 | 83 | 65-130 | | | |
| 1,3-Dichloropropane | 26.0 | 1.0 | ug/l | 25.0 | ND | 104 | 65-135 | | | |
| 2,2-Dichloropropane | 26.0 | 1.0 | ug/l | 25.0 | ND | 104 | 60-145 | | | |
| 1,2-Dichloropropane | 24.7 | 1.0 | ug/l | 25.0 | ND | 99 | 65-130 | | | |
| cis-1,3-Dichloropropene | 33.8 | 0.50 | ug/l | 25.0 | ND | 135 | 70-130 | | | *M7* |
| trans-1,3-Dichloropropene | 27.4 | 0.50 | ug/l | 25.0 | ND | 110 | 65-135 | | | |
| 1,1-Dichloropropene | 26.8 | 1.0 | ug/l | 25.0 | ND | 107 | 70-135 | | | |
| Ethylbenzene | 26.0 | 1.0 | ug/l | 25.0 | ND | 104 | 65-130 | | | |
| 1,2-Dichloroethane | 62.0 | 0.50 | ug/l | 25.0 | 33.8 | 113 | 60-140 | | | |
| Hexachlorobutadiene | 28.6 | 1.0 | ug/l | 25.0 | ND | 114 | 60-135 | | | |
| Isopropylbenzene | 26.5 | 1.0 | ug/l | 25.0 | ND | 106 | 70-135 | | | |
| p-Isopropyltoluene | 27.1 | 1.0 | ug/l | 25.0 | ND | 109 | 65-130 | | | |
| Methylene chloride | 21.8 | 5.0 | ug/l | 25.0 | 1.63 | 81 | 50-135 | | | |
| Naphthalene | 29.7 | 1.0 | ug/l | 25.0 | 1.06 | 115 | 50-140 | | | |
| n-Propylbenzene | 26.3 | 1.0 | ug/l | 25.0 | ND | 105 | 70-135 | | | |
| Styrene | 26.1 | 1.0 | ug/l | 25.0 | ND | 104 | 50-145 | | | |
| 1,1,1,2-Tetrachloroethane | 28.6 | 1.0 | ug/l | 25.0 | ND | 114 | 65-140 | | | |

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06-441-C
Report Number: IRG2440

Sampled: 07/29/08
Received: 07/29/08

## METHOD BLANK/QC DATA

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: 8G31022 Extracted: 07/31/08** | | | | | | | | | | |
| **Matrix Spike Analyzed: 07/31/2008 (8G31022-MS1)** | | | | | **Source: IRG2441-01** | | | | | |
| 1,1,2,2-Tetrachloroethane | 27.4 | 1.0 | ug/l | 25.0 | ND | 110 | 55-135 | | | |
| Tetrachloroethene | 28.6 | 1.0 | ug/l | 25.0 | 2.37 | 105 | 65-130 | | | |
| Toluene | 26.5 | 1.0 | ug/l | 25.0 | ND | 106 | 70-125 | | | |
| 1,2,3-Trichlorobenzene | 28.3 | 1.0 | ug/l | 25.0 | 0.680 | 110 | 60-135 | | | |
| 1,2,4-Trichlorobenzene | 29.1 | 1.0 | ug/l | 25.0 | 0.540 | 114 | 65-135 | | | |
| 1,1,1-Trichloroethane | 24.8 | 1.0 | ug/l | 25.0 | ND | 99 | 65-140 | | | |
| 1,1,2-Trichloroethane | 26.9 | 1.0 | ug/l | 25.0 | ND | 108 | 65-130 | | | |
| Trichloroethene | 113 | 1.0 | ug/l | 25.0 | 89.3 | 93 | 65-125 | | | |
| Trichlorofluoromethane | 20.6 | 1.0 | ug/l | 25.0 | ND | 82 | 60-145 | | | |
| 2,3-Trichloropropane | 25.2 | 1.0 | ug/l | 25.0 | ND | 101 | 55-135 | | | |
| 1,2,4-Trimethylbenzene | 26.4 | 1.0 | ug/l | 25.0 | ND | 106 | 55-135 | | | |
| 1,3,5-Trimethylbenzene | 26.1 | 1.0 | ug/l | 25.0 | ND | 104 | 70-130 | | | |
| Vinyl chloride | 20.6 | 0.50 | ug/l | 25.0 | ND | 82 | 45-140 | | | |
| m,p-Xylenes | 51.9 | 1.0 | ug/l | 50.0 | ND | 104 | 65-130 | | | |
| o-Xylene | 26.1 | 1.0 | ug/l | 25.0 | ND | 104 | 65-125 | | | |
| *Surrogate: 4-Bromofluorobenzene* | *22.2* | | *ug/l* | *25.0* | | *89* | *80-120* | | | |
| *Surrogate: Dibromofluoromethane* | *21.6* | | *ug/l* | *25.0* | | *86* | *80-120* | | | |
| *Surrogate: Toluene-d8* | *23.3* | | *ug/l* | *25.0* | | *93* | *80-120* | | | |
| **Matrix Spike Dup Analyzed: 07/31/2008 (8G31022-MSD1)** | | | | | **Source: IRG2441-01** | | | | | |
| Benzene | 25.9 | 0.50 | ug/l | 25.0 | ND | 104 | 65-125 | 4 | 20 | |
| Bromobenzene | 26.9 | 1.0 | ug/l | 25.0 | ND | 108 | 70-125 | 1 | 20 | |
| Bromochloromethane | 25.6 | 1.0 | ug/l | 25.0 | ND | 102 | 65-135 | 2 | 25 | |
| Bromodichloromethane | 27.7 | 1.0 | ug/l | 25.0 | ND | 111 | 70-135 | 1 | 20 | |
| Bromoform | 26.9 | 1.0 | ug/l | 25.0 | ND | 108 | 55-135 | 5 | 25 | |
| Bromomethane | 21.8 | 1.0 | ug/l | 25.0 | ND | 87 | 55-145 | 1 | 25 | |
| n-Butylbenzene | 27.5 | 1.0 | ug/l | 25.0 | ND | 110 | 65-135 | 3 | 20 | |
| tert-Butylbenzene | 27.1 | 1.0 | ug/l | 25.0 | ND | 108 | 65-130 | 2 | 20 | |
| sec-Butylbenzene | 27.7 | 1.0 | ug/l | 25.0 | ND | 111 | 70-125 | 3 | 20 | |
| Carbon tetrachloride | 28.0 | 0.50 | ug/l | 25.0 | ND | 112 | 65-140 | 1 | 25 | |
| Chlorobenzene | 26.4 | 1.0 | ug/l | 25.0 | 0.620 | 103 | 75-125 | 1 | 20 | |
| Chloroethane | 23.0 | 1.0 | ug/l | 25.0 | ND | 92 | 55-140 | 0 | 25 | |
| Chloroform | 22.9 | 1.0 | ug/l | 25.0 | 0.530 | 90 | 65-135 | 0 | 20 | |
| Chloromethane | 16.4 | 1.0 | ug/l | 25.0 | ND | 66 | 45-145 | 2 | 25 | |
| 4-Chlorotoluene | 25.9 | 1.0 | ug/l | 25.0 | ND | 104 | 70-135 | 3 | 20 | |
| 2-Chlorotoluene | 25.3 | 1.0 | ug/l | 25.0 | ND | 101 | 65-135 | 2 | 20 | |

**TestAmerica Irvine**

Lena Davidkova For Patty Mata
Project Manager

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Iris Environmental
1438 Webster Street, Suite 302
Oakland, CA 94612
Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2440

Sampled: 07/29/08
Received: 07/29/08

## METHOD BLANK/QC DATA

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: 8G31022 Extracted: 07/31/08** | | | | | | | | | | |
| **Matrix Spike Dup Analyzed: 07/31/2008 (8G31022-MSD1)** | | | | | **Source: IRG2441-01** | | | | | |
| 1,2-Dibromo-3-chloropropane | 28.4 | 5.0 | ug/l | 25.0 | ND | 114 | 45-145 | 4 | 30 | |
| Dibromochloromethane | 29.1 | 1.0 | ug/l | 25.0 | ND | 116 | 65-140 | 4 | 25 | |
| 1,2-Dibromoethane (EDB) | 26.4 | 1.0 | ug/l | 25.0 | ND | 105 | 70-130 | 2 | 25 | |
| Dibromomethane | 26.5 | 1.0 | ug/l | 25.0 | ND | 106 | 65-135 | 2 | 25 | |
| 1,2-Dichlorobenzene | 26.9 | 1.0 | ug/l | 25.0 | ND | 107 | 75-125 | 3 | 20 | |
| 1,3-Dichlorobenzene | 26.5 | 1.0 | ug/l | 25.0 | ND | 106 | 75-125 | 2 | 20 | |
| 1,4-Dichlorobenzene | 26.0 | 1.0 | ug/l | 25.0 | ND | 104 | 75-125 | 2 | 20 | |
| Dichlorodifluoromethane | 11.5 | 5.0 | ug/l | 25.0 | ND | 46 | 25-155 | 8 | 30 | |
| 1,1-Dichloroethane | 84.4 | 1.0 | ug/l | 25.0 | 63.4 | 84 | 65-130 | 1 | 20 | |
| 1,1-Dichloroethene | 41.1 | 1.0 | ug/l | 25.0 | 16.0 | 100 | 60-130 | 11 | 20 | |
| cis-1,2-Dichloroethene | 28.7 | 1.0 | ug/l | 25.0 | 5.20 | 94 | 65-130 | 0 | 20 | |
| trans-1,2-Dichloroethene | 22.0 | 1.0 | ug/l | 25.0 | 0.830 | 85 | 65-130 | 2 | 20 | |
| 1,3-Dichloropropane | 25.8 | 1.0 | ug/l | 25.0 | ND | 103 | 65-135 | 1 | 25 | |
| 2,2-Dichloropropane | 26.3 | 1.0 | ug/l | 25.0 | ND | 105 | 60-145 | 1 | 25 | |
| 1,2-Dichloropropane | 24.9 | 1.0 | ug/l | 25.0 | ND | 100 | 65-130 | 1 | 20 | |
| cis-1,3-Dichloropropene | 34.0 | 0.50 | ug/l | 25.0 | ND | 136 | 70-130 | 0 | 20 | *M7* |
| trans-1,3-Dichloropropene | 26.9 | 0.50 | ug/l | 25.0 | ND | 108 | 65-135 | 2 | 25 | |
| 1,1-Dichloropropene | 26.8 | 1.0 | ug/l | 25.0 | ND | 107 | 70-135 | 0 | 20 | |
| Ethylbenzene | 26.1 | 1.0 | ug/l | 25.0 | ND | 104 | 65-130 | 0 | 20 | |
| 1,2-Dichloroethane | 60.8 | 0.50 | ug/l | 25.0 | 33.8 | 108 | 60-140 | 2 | 20 | |
| Hexachlorobutadiene | 28.7 | 1.0 | ug/l | 25.0 | ND | 115 | 60-135 | 0 | 20 | |
| Isopropylbenzene | 27.0 | 1.0 | ug/l | 25.0 | ND | 108 | 70-135 | 2 | 20 | |
| p-Isopropyltoluene | 27.8 | 1.0 | ug/l | 25.0 | ND | 111 | 65-130 | 2 | 20 | |
| Methylene chloride | 24.7 | 5.0 | ug/l | 25.0 | 1.63 | 92 | 50-135 | 12 | 20 | |
| Naphthalene | 31.0 | 1.0 | ug/l | 25.0 | 1.06 | 120 | 50-140 | 4 | 30 | |
| n-Propylbenzene | 27.3 | 1.0 | ug/l | 25.0 | ND | 109 | 70-135 | 4 | 20 | |
| Styrene | 25.7 | 1.0 | ug/l | 25.0 | ND | 103 | 50-145 | 1 | 30 | |
| 1,1,1,2-Tetrachloroethane | 27.8 | 1.0 | ug/l | 25.0 | ND | 111 | 65-140 | 3 | 20 | |
| 1,1,2,2-Tetrachloroethane | 27.7 | 1.0 | ug/l | 25.0 | ND | 111 | 55-135 | 1 | 30 | |
| Tetrachloroethene | 28.4 | 1.0 | ug/l | 25.0 | 2.37 | 104 | 65-130 | 1 | 20 | |
| Toluene | 27.5 | 1.0 | ug/l | 25.0 | ND | 110 | 70-125 | 4 | 20 | |
| 1,2,3-Trichlorobenzene | 29.6 | 1.0 | ug/l | 25.0 | 0.680 | 115 | 60-135 | 4 | 20 | |
| 1,2,4-Trichlorobenzene | 30.2 | 1.0 | ug/l | 25.0 | 0.540 | 119 | 65-135 | 4 | 20 | |
| 1,1,1-Trichloroethane | 24.4 | 1.0 | ug/l | 25.0 | ND | 97 | 65-140 | 2 | 20 | |
| 1,1,2-Trichloroethane | 27.6 | 1.0 | ug/l | 25.0 | ND | 110 | 65-130 | 2 | 25 | |
| Trichloroethene | 113 | 1.0 | ug/l | 25.0 | 89.3 | 95 | 65-125 | 0 | 20 | |

**TestAmerica Irvine**

Lena Davidkova For Patty Mata
Project Manager

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Iris Environmental
1438 Webster Street, Suite 302
Oakland, CA 94612
Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2440

Sampled: 07/29/08
Received: 07/29/08

## METHOD BLANK/QC DATA

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: 8G31022 Extracted: 07/31/08** | | | | | | | | | | |
| **Matrix Spike Dup Analyzed: 07/31/2008 (8G31022-MSD1)** | | | | | **Source: IRG2441-01** | | | | | |
| Trichlorofluoromethane | 19.9 | 1.0 | ug/l | 25.0 | ND | 80 | 60-145 | 3 | 25 | |
| 1,2,3-Trichloropropane | 25.7 | 1.0 | ug/l | 25.0 | ND | 103 | 55-135 | 2 | 30 | |
| 1,2,4-Trimethylbenzene | 27.0 | 1.0 | ug/l | 25.0 | ND | 108 | 55-135 | 2 | 25 | |
| 1,3,5-Trimethylbenzene | 26.9 | 1.0 | ug/l | 25.0 | ND | 108 | 70-130 | 3 | 20 | |
| Vinyl chloride | 20.7 | 0.50 | ug/l | 25.0 | ND | 83 | 45-140 | 0 | 30 | |
| m,p-Xylenes | 52.5 | 1.0 | ug/l | 50.0 | ND | 105 | 65-130 | 1 | 25 | |
| o-Xylene | 25.9 | 1.0 | ug/l | 25.0 | ND | 104 | 65-125 | 1 | 20 | |
| *Surrogate: 4-Bromofluorobenzene* | *21.9* | | *ug/l* | *25.0* | | *88* | *80-120* | | | |
| *Surrogate: Dibromofluoromethane* | *21.3* | | *ug/l* | *25.0* | | *85* | *80-120* | | | |
| *Surrogate: Toluene-d8* | *23.8* | | *ug/l* | *25.0* | | *95* | *80-120* | | | |

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Lena Davidkova For Patty Mata
Project Manager

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Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2440

Sampled: 07/29/08
Received: 07/29/08

# METHOD BLANK/QC DATA

## DISSOLVED METALS

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: 8H01093 Extracted: 08/01/08** | | | | | | | | | | |
| **Blank Analyzed: 08/05/2008 (8H01093-BLK1)** | | | | | | | | | | |
| Cadmium | ND | 0.0050 | mg/l | | | | | | | |
| Chromium | ND | 0.0050 | mg/l | | | | | | | |
| Copper | ND | 0.010 | mg/l | | | | | | | |
| **LCS Analyzed: 08/05/2008 (8H01093-BS1)** | | | | | | | | | | |
| Cadmium | 0.929 | 0.0050 | mg/l | 1.00 | | 93 | 80-120 | | | |
| Chromium | 1.04 | 0.0050 | mg/l | 1.00 | | 104 | 80-120 | | | |
| Copper | 0.974 | 0.010 | mg/l | 1.00 | | 97 | 80-120 | | | |
| **Matrix Spike Analyzed: 08/05/2008 (8H01093-MS1)** | | | | | **Source: IRG2441-01** | | | | | |
| Cadmium | 1.00 | 0.0050 | mg/l | 1.00 | 0.0546 | 95 | 75-125 | | | |
| Chromium | 1.58 | 0.0050 | mg/l | 1.00 | 0.533 | 105 | 75-125 | | | |
| Copper | 1.89 | 0.010 | mg/l | 1.00 | 0.870 | 102 | 75-125 | | | |
| **Matrix Spike Dup Analyzed: 08/05/2008 (8H01093-MSD1)** | | | | | **Source: IRG2441-01** | | | | | |
| Cadmium | 0.976 | 0.0050 | mg/l | 1.00 | 0.0546 | 92 | 75-125 | 3 | 20 | |
| Chromium | 1.56 | 0.0050 | mg/l | 1.00 | 0.533 | 103 | 75-125 | 1 | 20 | |
| Copper | 1.86 | 0.010 | mg/l | 1.00 | 0.870 | 99 | 75-125 | 2 | 20 | |

**TestAmerica Irvine**

Lena Davidkova For Patty Mata
Project Manager

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Iris Environmental
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Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2440

Sampled: 07/29/08
Received: 07/29/08

## METHOD BLANK/QC DATA

## INORGANICS

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: 8G29087 Extracted: 07/29/08** | | | | | | | | | | |
| **Blank Analyzed: 07/29/2008 (8G29087-BLK1)** | | | | | | | | | | |
| Chromium VI | ND | 0.0010 | mg/l | | | | | | | |
| **LCS Analyzed: 07/29/2008 (8G29087-BS1)** | | | | | | | | | | |
| Chromium VI | 0.0508 | 0.0010 | mg/l | 0.0500 | | 102 | 90-110 | | | |
| **Matrix Spike Analyzed: 07/29/2008 (8G29087-MS1)** | | | | | **Source: IRG2403-01** | | | | | |
| Chromium VI | 0.0464 | 0.0010 | mg/l | 0.0500 | ND | 93 | 85-115 | | | |
| **Matrix Spike Dup Analyzed: 07/29/2008 (8G29087-MSD1)** | | | | | **Source: IRG2403-01** | | | | | |
| Chromium VI | 0.0523 | 0.0010 | mg/l | 0.0500 | ND | 105 | 85-115 | 12 | 20 | |
| **Batch: 8G30073 Extracted: 07/30/08** | | | | | | | | | | |
| **Duplicate Analyzed: 07/30/2008 (8G30073-DUP1)** | | | | | **Source: IRG2440-02** | | | | | |
| pH | 8.57 | 0.100 | pH Units | | 8.47 | | | 1 | 5 | *HFT* |
| **Duplicate Analyzed: 07/30/2008 (8G30073-DUP2)** | | | | | **Source: IRG2441-02** | | | | | |
| pH | 7.37 | 0.100 | pH Units | | 7.45 | | | 1 | 5 | *HFT* |
| **Duplicate Analyzed: 07/30/2008 (8G30073-DUP3)** | | | | | **Source: IRG2442-01** | | | | | |
| pH | 7.17 | 0.100 | pH Units | | 7.18 | | | 0 | 5 | *HFT* |

**TestAmerica Irvine**

Lena Davidkova For Patty Mata
Project Manager

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1438 Webster Street, Suite 302
Oakland, CA 94612
Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2440

Sampled: 07/29/08
Received: 07/29/08

## DATA QUALIFIERS AND DEFINITIONS

| | |
|---|---|
| **BQC** | Reported for batch QC purposes only. See re-analysis (RE) for final result. |
| **HFT** | The holding time for this test is immediate. It was analyzed in the laboratory as soon as possible after receipt. |
| **L** | Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted. |
| **M7** | The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS). |
| **ND** | Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified. |
| **RPD** | Relative Percent Difference |

**TestAmerica Irvine**

Lena Davidkova For Patty Mata
Project Manager

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Iris Environmental
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Oakland, CA 94612
Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2440

Sampled: 07/29/08
Received: 07/29/08

## Certification Summary

**TestAmerica Irvine**

| Method | Matrix | Nelac | California |
|---|---|---|---|
| EPA 150.1 | Water | X | X |
| EPA 6010B-Diss | Water | X | X |
| EPA 7199 | Water | X | X |
| EPA 8260B | Water | X | X |

*Nevada and NELAP provide analyte specific accreditations. Analyte specific information for TestAmerica may be obtained by contacting the laboratory or visiting our website at www.testamericainc.com*

**tAmerica Irvine**
Lena Davidkova For Patty Mata
Project Manager

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001 IRG2440

# IRIS ENVIRONMENTAL — CHAIN-OF-CUSTODY

1438 Webster Street, Suite 302
Oakland, California 94612
(510) 834-4747 tel
(510) 834-4199 fax

Date: 7/29/08 Page: 1 of 1 No. 2712

Sampler Name(s): Becky FRYMER Signature(s):

| Sample ID | Date | Time | Matrix | Pres. | VOCs (8260) | Cd, Cr, Cu (6010) | Cr VI (7197) | pH (150.1) | Number of Containers |
|---|---|---|---|---|---|---|---|---|---|
| PTI-TB01-078 | 7/29/08 | 0700 | $H_2O$ | HCl | X | | | | |
| PTI-EB01-078 | 7/29/08 | 1330 | $H_2O$ | VAR | X | X | X | X | |
| PTI-MW09-078 | " | 1540 | " | VAR | X | X | X | X | |
| PTI-MW35-078 | " | 1545 | " | VAR | X | X | X | X | |

Analyses Required

Above 7/29/08

**PROJECT INFORMATION**

Project Name: PTI
Project Number: 06-441-C
Contact Person: REBECCA FRYMER
E-mail: RFRYMER@IRISENV.COM
Contact Telephone: 510 834-4747 x 20
Report: Routine (Level 2) Level 3 Level 4 EDD
TAT: 10-day 5-day 72-hr 48-hr 24-hr Other:

**Special Instructions/Comments:**

field filtered for metals

intact 4.9 5.0

| RELINQUISHED BY: | RECEIVED BY: |
|---|---|
| Printed Name: K. FRYMER | Printed Name: Emilio Aceves |
| Signature: | Signature: |
| Company: IRIS | Company: TAI |
| Time/Date: 7/29/08 1600 | Time/Date: 7/29/08 1610 |
| **RELINQUISHED BY:** | **RECEIVED BY:** |
| Printed Name: Emilio Aceves | Printed Name: |
| Signature: | Signature: WILL KIM |
| Company: TAI | Company: TAI |
| Time/Date: 7/29/08 1830 | Time/Date: 7/29/08 18:30 |

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

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# LABORATORY REPORT

Prepared For: Iris Environmental
1438 Webster Street, Suite 302
Oakland, CA 94612
Attention: Rebecca Frymer

Project: PTI, Phibro-Tech
06-441-C

Sampled: 07/30/08
Received: 07/30/08
Issued: 08/12/08 17:02

NELAP #01108CA California ELAP#1197 CSDLAC #10256

*The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain of Custody, 1 page, is included and is an integral part of this report.*
*This entire report was reviewed and approved for release.*

## CASE NARRATIVE

SAMPLE RECEIPT: Samples were received intact, at 8°C, on ice and with chain of custody documentation.

HOLDING TIMES: Not all holding times were met. Results were qualified where the sample analysis did not occur within method specified holding time requirements.

PRESERVATION: Samples requiring preservation were verified prior to sample analysis.

QA/QC CRITERIA: All analyses met method criteria, except as noted in the report with data qualifiers.

COMMENTS: No significant observations were made.

SUBCONTRACTED: No analyses were subcontracted to an outside laboratory.

| LABORATORY ID | CLIENT ID | MATRIX |
|---|---|---|
| IRG2534-01 | PTI-TB02-078 | Water |
| IRG2534-02 | PTI-MW03-078 | Water |
| IRG2534-03 | PTI-MW11-078 | Water |
| IRG2534-04 | PTI-MW16-078 | Water |
| IRG2534-05 | PTI-MW01S-078 | Water |
| IRG2534-06 | PTI-EB02-078 | Water |
| IRG2534-07 | PTI-MW01D-078 | Water |
| IRG2534-08 | PTI-MW15D-078 | Water |
| IRG2534-09 | PTI-MW15S-078 | Water |
| IRG2534-10 | PTI-MW14S-078 | Water |

Reviewed By:

Sushmitha Reddy

**tAmerica Irvine**

Sushmitha Reddy For Patty Mata
Project Manager

Iris Environmental
1438 Webster Street, Suite 302
Oakland, CA 94612
Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2534

Sampled: 07/30/08
Received: 07/30/08

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| **Sample ID: IRG2534-01 (PTI-TB02-078 - Water)** | | | | | | | | |
| **Reporting Units: ug/l** | | | | | | | | |
| Benzene | EPA 8260B | 8H01019 | 0.50 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Bromobenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Bromochloromethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Bromodichloromethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Bromoform | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Bromomethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| n-Butylbenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| tert-Butylbenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| sec-Butylbenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Carbon tetrachloride | EPA 8260B | 8H01019 | 0.50 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Chlorobenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Chloroethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Chloroform | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Chloromethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 4-Chlorotoluene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Chlorotoluene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,2-Dibromo-3-chloropropane | EPA 8260B | 8H01019 | 5.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Dibromochloromethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,2-Dibromoethane (EDB) | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Dibromomethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,2-Dichlorobenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,3-Dichlorobenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,4-Dichlorobenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Dichlorodifluoromethane | EPA 8260B | 8H01019 | 5.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,1-Dichloroethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,1-Dichloroethene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| cis-1,2-Dichloroethene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| trans-1,2-Dichloroethene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,3-Dichloropropane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 2,2-Dichloropropane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,2-Dichloropropane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| cis-1,3-Dichloropropene | EPA 8260B | 8H01019 | 0.50 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| trans-1,3-Dichloropropene | EPA 8260B | 8H01019 | 0.50 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,1-Dichloropropene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Ethylbenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,2-Dichloroethane | EPA 8260B | 8H01019 | 0.50 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Hexachlorobutadiene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Isopropylbenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| p-Isopropyltoluene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Methylene chloride | EPA 8260B | 8H01019 | 5.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Naphthalene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |

**stAmerica Irvine**

Sushmitha Reddy For Patty Mata
Project Manager

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Iris Environmental
1438 Webster Street, Suite 302
Oakland, CA 94612
Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2534

Sampled: 07/30/08
Received: 07/30/08

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| **Sample ID: IRG2534-01 (PTI-TB02-078 - Water) - cont.** | | | | | | | | |
| **Reporting Units: ug/l** | | | | | | | | |
| n-Propylbenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Styrene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,1,1,2-Tetrachloroethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,1,2,2-Tetrachloroethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Tetrachloroethene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Toluene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,2,3-Trichlorobenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,2,4-Trichlorobenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,1,1-Trichloroethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,1,2-Trichloroethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Trichloroethene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Trichlorofluoromethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,2,3-Trichloropropane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,2,4-Trimethylbenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,3,5-Trimethylbenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| inyl chloride | EPA 8260B | 8H01019 | 0.50 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| m,p-Xylenes | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| o-Xylene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| *Surrogate: 4-Bromofluorobenzene (80-120%)* | | | | *84 %* | | | | |
| *Surrogate: Dibromofluoromethane (80-120%)* | | | | *90 %* | | | | |
| *Surrogate: Toluene-d8 (80-120%)* | | | | *90 %* | | | | |

stAmerica Irvine
Sushmitha Reddy For Patty Mata
Project Manager

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Iris Environmental
1438 Webster Street, Suite 302
Oakland, CA 94612
Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2534

Sampled: 07/30/08
Received: 07/30/08

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| **Sample ID: IRG2534-02 (PTI-MW03-078 - Water)** | | | | | | | | |
| **Reporting Units: ug/l** | | | | | | | | |
| Benzene | EPA 8260B | 8H02019 | 5.0 | ND | 10 | 8/2/2008 | 8/2/2008 | |
| Bromobenzene | EPA 8260B | 8H02019 | 10 | ND | 10 | 8/2/2008 | 8/2/2008 | |
| Bromochloromethane | EPA 8260B | 8H02019 | 10 | ND | 10 | 8/2/2008 | 8/2/2008 | |
| Bromodichloromethane | EPA 8260B | 8H02019 | 10 | ND | 10 | 8/2/2008 | 8/2/2008 | |
| Bromoform | EPA 8260B | 8H02019 | 10 | ND | 10 | 8/2/2008 | 8/2/2008 | |
| Bromomethane | EPA 8260B | 8H02019 | 10 | ND | 10 | 8/2/2008 | 8/2/2008 | |
| n-Butylbenzene | EPA 8260B | 8H02019 | 10 | ND | 10 | 8/2/2008 | 8/2/2008 | |
| tert-Butylbenzene | EPA 8260B | 8H02019 | 10 | ND | 10 | 8/2/2008 | 8/2/2008 | |
| sec-Butylbenzene | EPA 8260B | 8H02019 | 10 | ND | 10 | 8/2/2008 | 8/2/2008 | |
| **Carbon tetrachloride** | EPA 8260B | 8H02019 | 5.0 | **16** | 10 | 8/2/2008 | 8/2/2008 | |
| Chlorobenzene | EPA 8260B | 8H02019 | 10 | ND | 10 | 8/2/2008 | 8/2/2008 | |
| Chloroethane | EPA 8260B | 8H02019 | 10 | ND | 10 | 8/2/2008 | 8/2/2008 | |
| **Chloroform** | EPA 8260B | 8H02019 | 10 | **34** | 10 | 8/2/2008 | 8/2/2008 | |
| Chloromethane | EPA 8260B | 8H02019 | 10 | ND | 10 | 8/2/2008 | 8/2/2008 | |
| 4-Chlorotoluene | EPA 8260B | 8H02019 | 10 | ND | 10 | 8/2/2008 | 8/2/2008 | |
| 2-Chlorotoluene | EPA 8260B | 8H02019 | 10 | ND | 10 | 8/2/2008 | 8/2/2008 | |
| 1,2-Dibromo-3-chloropropane | EPA 8260B | 8H02019 | 50 | ND | 10 | 8/2/2008 | 8/2/2008 | |
| Dibromochloromethane | EPA 8260B | 8H02019 | 10 | ND | 10 | 8/2/2008 | 8/2/2008 | |
| 1,2-Dibromoethane (EDB) | EPA 8260B | 8H02019 | 10 | ND | 10 | 8/2/2008 | 8/2/2008 | |
| Dibromomethane | EPA 8260B | 8H02019 | 10 | ND | 10 | 8/2/2008 | 8/2/2008 | |
| 1,2-Dichlorobenzene | EPA 8260B | 8H02019 | 10 | ND | 10 | 8/2/2008 | 8/2/2008 | |
| 1,3-Dichlorobenzene | EPA 8260B | 8H02019 | 10 | ND | 10 | 8/2/2008 | 8/2/2008 | |
| 1,4-Dichlorobenzene | EPA 8260B | 8H02019 | 10 | ND | 10 | 8/2/2008 | 8/2/2008 | |
| Dichlorodifluoromethane | EPA 8260B | 8H02019 | 50 | ND | 10 | 8/2/2008 | 8/2/2008 | |
| **1,1-Dichloroethane** | EPA 8260B | 8H02019 | 10 | **35** | 10 | 8/2/2008 | 8/2/2008 | |
| **1,1-Dichloroethene** | EPA 8260B | 8H02019 | 10 | **26** | 10 | 8/2/2008 | 8/2/2008 | |
| cis-1,2-Dichloroethene | EPA 8260B | 8H02019 | 10 | ND | 10 | 8/2/2008 | 8/2/2008 | |
| trans-1,2-Dichloroethene | EPA 8260B | 8H02019 | 10 | ND | 10 | 8/2/2008 | 8/2/2008 | |
| 1,3-Dichloropropane | EPA 8260B | 8H02019 | 10 | ND | 10 | 8/2/2008 | 8/2/2008 | |
| 2,2-Dichloropropane | EPA 8260B | 8H02019 | 10 | ND | 10 | 8/2/2008 | 8/2/2008 | |
| 1,2-Dichloropropane | EPA 8260B | 8H02019 | 10 | ND | 10 | 8/2/2008 | 8/2/2008 | |
| cis-1,3-Dichloropropene | EPA 8260B | 8H02019 | 5.0 | ND | 10 | 8/2/2008 | 8/2/2008 | |
| trans-1,3-Dichloropropene | EPA 8260B | 8H02019 | 5.0 | ND | 10 | 8/2/2008 | 8/2/2008 | |
| 1,1-Dichloropropene | EPA 8260B | 8H02019 | 10 | ND | 10 | 8/2/2008 | 8/2/2008 | |
| **Ethylbenzene** | EPA 8260B | 8H02019 | 10 | **730** | 10 | 8/2/2008 | 8/2/2008 | |
| **1,2-Dichloroethane** | EPA 8260B | 8H02019 | 5.0 | **62** | 10 | 8/2/2008 | 8/2/2008 | |
| Hexachlorobutadiene | EPA 8260B | 8H02019 | 10 | ND | 10 | 8/2/2008 | 8/2/2008 | |
| Isopropylbenzene | EPA 8260B | 8H02019 | 10 | ND | 10 | 8/2/2008 | 8/2/2008 | |
| p-Isopropyltoluene | EPA 8260B | 8H02019 | 10 | ND | 10 | 8/2/2008 | 8/2/2008 | |
| Methylene chloride | EPA 8260B | 8H02019 | 50 | ND | 10 | 8/2/2008 | 8/2/2008 | |
| Naphthalene | EPA 8260B | 8H02019 | 10 | ND | 10 | 8/2/2008 | 8/2/2008 | |

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Sushmitha Reddy For Patty Mata
Project Manager

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Iris Environmental
1438 Webster Street, Suite 302
Oakland, CA 94612
Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2534

Sampled: 07/30/08
Received: 07/30/08

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| **Sample ID: IRG2534-02 (PTI-MW03-078 - Water) - cont.** | | | | | | | | |
| **Reporting Units: ug/l** | | | | | | | | |
| n-Propylbenzene | EPA 8260B | 8H02019 | 10 | ND | 10 | 8/2/2008 | 8/2/2008 | |
| Styrene | EPA 8260B | 8H02019 | 10 | ND | 10 | 8/2/2008 | 8/2/2008 | |
| 1,1,1,2-Tetrachloroethane | EPA 8260B | 8H02019 | 10 | ND | 10 | 8/2/2008 | 8/2/2008 | |
| 1,1,2,2-Tetrachloroethane | EPA 8260B | 8H02019 | 10 | ND | 10 | 8/2/2008 | 8/2/2008 | |
| Tetrachloroethene | EPA 8260B | 8H02019 | 10 | ND | 10 | 8/2/2008 | 8/2/2008 | |
| Toluene | EPA 8260B | 8H02019 | 10 | ND | 10 | 8/2/2008 | 8/2/2008 | |
| 1,2,3-Trichlorobenzene | EPA 8260B | 8H02019 | 10 | ND | 10 | 8/2/2008 | 8/2/2008 | |
| 1,2,4-Trichlorobenzene | EPA 8260B | 8H02019 | 10 | ND | 10 | 8/2/2008 | 8/2/2008 | |
| 1,1,1-Trichloroethane | EPA 8260B | 8H02019 | 10 | ND | 10 | 8/2/2008 | 8/2/2008 | |
| 1,1,2-Trichloroethane | EPA 8260B | 8H02019 | 10 | ND | 10 | 8/2/2008 | 8/2/2008 | |
| **Trichloroethene** | EPA 8260B | 8H02019 | 10 | **180** | 10 | 8/2/2008 | 8/2/2008 | |
| Trichlorofluoromethane | EPA 8260B | 8H02019 | 10 | ND | 10 | 8/2/2008 | 8/2/2008 | |
| 1,2,3-Trichloropropane | EPA 8260B | 8H02019 | 10 | ND | 10 | 8/2/2008 | 8/2/2008 | |
| 1,2,4-Trimethylbenzene | EPA 8260B | 8H02019 | 10 | ND | 10 | 8/2/2008 | 8/2/2008 | |
| 1,3,5-Trimethylbenzene | EPA 8260B | 8H02019 | 10 | ND | 10 | 8/2/2008 | 8/2/2008 | |
| nyl chloride | EPA 8260B | 8H02019 | 5.0 | ND | 10 | 8/2/2008 | 8/2/2008 | |
| **m,p-Xylenes** | EPA 8260B | 8H02019 | 10 | **88** | 10 | 8/2/2008 | 8/2/2008 | |
| o-Xylene | EPA 8260B | 8H02019 | 10 | ND | 10 | 8/2/2008 | 8/2/2008 | |
| *Surrogate: 4-Bromofluorobenzene (80-120%)* | | | | *86 %* | | | | |
| *Surrogate: Dibromofluoromethane (80-120%)* | | | | *89 %* | | | | |
| *Surrogate: Toluene-d8 (80-120%)* | | | | *93 %* | | | | |

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Sushmitha Reddy For Patty Mata
Project Manager

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Iris Environmental
1438 Webster Street, Suite 302
Oakland, CA 94612
Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2534

Sampled: 07/30/08
Received: 07/30/08

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| **Sample ID: IRG2534-03 (PTI-MW11-078 - Water)** | | | | | | | | |
| **Reporting Units: ug/l** | | | | | | | | |
| Benzene | EPA 8260B | 8H01019 | 2.5 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| Bromobenzene | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| Bromochloromethane | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| Bromodichloromethane | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| Bromoform | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| Bromomethane | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| n-Butylbenzene | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| tert-Butylbenzene | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| sec-Butylbenzene | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| Carbon tetrachloride | EPA 8260B | 8H01019 | 2.5 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| Chlorobenzene | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| Chloroethane | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| Chloroform | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| Chloromethane | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| 4-Chlorotoluene | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| Chlorotoluene | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| 1,2-Dibromo-3-chloropropane | EPA 8260B | 8H01019 | 25 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| Dibromochloromethane | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| 1,2-Dibromoethane (EDB) | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| Dibromomethane | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| 1,2-Dichlorobenzene | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| 1,3-Dichlorobenzene | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| 1,4-Dichlorobenzene | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| Dichlorodifluoromethane | EPA 8260B | 8H01019 | 25 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| **1,1-Dichloroethane** | EPA 8260B | 8H01019 | 5.0 | **41** | 5 | 8/1/2008 | 8/2/2008 | |
| **1,1-Dichloroethene** | EPA 8260B | 8H01019 | 5.0 | **14** | 5 | 8/1/2008 | 8/2/2008 | |
| **cis-1,2-Dichloroethene** | EPA 8260B | 8H01019 | 5.0 | **30** | 5 | 8/1/2008 | 8/2/2008 | |
| trans-1,2-Dichloroethene | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| 1,3-Dichloropropane | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| 2,2-Dichloropropane | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| 1,2-Dichloropropane | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| cis-1,3-Dichloropropene | EPA 8260B | 8H01019 | 2.5 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| trans-1,3-Dichloropropene | EPA 8260B | 8H01019 | 2.5 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| 1,1-Dichloropropene | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| **Ethylbenzene** | EPA 8260B | 8H01019 | 5.0 | **500** | 5 | 8/1/2008 | 8/2/2008 | |
| **1,2-Dichloroethane** | EPA 8260B | 8H01019 | 2.5 | **220** | 5 | 8/1/2008 | 8/2/2008 | |
| Hexachlorobutadiene | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| Isopropylbenzene | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| p-Isopropyltoluene | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| Methylene chloride | EPA 8260B | 8H01019 | 25 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| Naphthalene | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |

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Sushmitha Reddy For Patty Mata
Project Manager

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Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2534

Sampled: 07/30/08
Received: 07/30/08

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| **Sample ID: IRG2534-03 (PTI-MW11-078 - Water) - cont.** | | | | | | | | |
| **Reporting Units: ug/l** | | | | | | | | |
| n-Propylbenzene | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| Styrene | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| 1,1,1,2-Tetrachloroethane | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| 1,1,2,2-Tetrachloroethane | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| Tetrachloroethene | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| Toluene | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| 1,2,3-Trichlorobenzene | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| 1,2,4-Trichlorobenzene | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| 1,1,1-Trichloroethane | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| 1,1,2-Trichloroethane | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| **Trichloroethene** | EPA 8260B | 8H01019 | 5.0 | **220** | 5 | 8/1/2008 | 8/2/2008 | |
| Trichlorofluoromethane | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| 1,2,3-Trichloropropane | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| 1,2,4-Trimethylbenzene | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| 1,3,5-Trimethylbenzene | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| Vinyl chloride | EPA 8260B | 8H01019 | 2.5 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| m,p-Xylenes | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| o-Xylene | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| *Surrogate: 4-Bromofluorobenzene (80-120%)* | | | | *85 %* | | | | |
| *Surrogate: Dibromofluoromethane (80-120%)* | | | | *93 %* | | | | |
| *Surrogate: Toluene-d8 (80-120%)* | | | | *94 %* | | | | |

**TestAmerica Irvine**

Sushmitha Reddy For Patty Mata
Project Manager

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Iris Environmental
1438 Webster Street, Suite 302
Oakland, CA 94612
Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2534

Sampled: 07/30/08
Received: 07/30/08

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| **Sample ID: IRG2534-04 (PTI-MW16-078 - Water)** | | | | | | | | |
| **Reporting Units: ug/l** | | | | | | | | |
| Benzene | EPA 8260B | 8H01019 | 0.50 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Bromobenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Bromochloromethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Bromodichloromethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Bromoform | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Bromomethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| n-Butylbenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| tert-Butylbenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| sec-Butylbenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Carbon tetrachloride | EPA 8260B | 8H01019 | 0.50 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Chlorobenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Chloroethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Chloroform | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Chloromethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 4-Chlorotoluene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| -Chlorotoluene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,2-Dibromo-3-chloropropane | EPA 8260B | 8H01019 | 5.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Dibromochloromethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,2-Dibromoethane (EDB) | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Dibromomethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,2-Dichlorobenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,3-Dichlorobenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,4-Dichlorobenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Dichlorodifluoromethane | EPA 8260B | 8H01019 | 5.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| **1,1-Dichloroethane** | EPA 8260B | 8H01019 | 1.0 | **88** | 1 | 8/1/2008 | 8/2/2008 | |
| **1,1-Dichloroethene** | EPA 8260B | 8H01019 | 1.0 | **12** | 1 | 8/1/2008 | 8/2/2008 | |
| **cis-1,2-Dichloroethene** | EPA 8260B | 8H01019 | 1.0 | **20** | 1 | 8/1/2008 | 8/2/2008 | |
| **trans-1,2-Dichloroethene** | EPA 8260B | 8H01019 | 1.0 | **5.4** | 1 | 8/1/2008 | 8/2/2008 | |
| 1,3-Dichloropropane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 2,2-Dichloropropane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,2-Dichloropropane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| cis-1,3-Dichloropropene | EPA 8260B | 8H01019 | 0.50 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| trans-1,3-Dichloropropene | EPA 8260B | 8H01019 | 0.50 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,1-Dichloropropene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Ethylbenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| **1,2-Dichloroethane** | EPA 8260B | 8H01019 | 0.50 | **3.6** | 1 | 8/1/2008 | 8/2/2008 | |
| Hexachlorobutadiene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Isopropylbenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| p-Isopropyltoluene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Methylene chloride | EPA 8260B | 8H01019 | 5.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Naphthalene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |

stAmerica Irvine

Sushmitha Reddy For Patty Mata
Project Manager

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Iris Environmental
1438 Webster Street, Suite 302
Oakland, CA 94612
Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2534

Sampled: 07/30/08
Received: 07/30/08

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| **Sample ID: IRG2534-04 (PTI-MW16-078 - Water) - cont.** | | | | | | | | |
| **Reporting Units: ug/l** | | | | | | | | |
| n-Propylbenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Styrene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,1,1,2-Tetrachloroethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,1,2,2-Tetrachloroethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| **Tetrachloroethene** | EPA 8260B | 8H01019 | 1.0 | **2.4** | 1 | 8/1/2008 | 8/2/2008 | |
| Toluene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,2,3-Trichlorobenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,2,4-Trichlorobenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,1,1-Trichloroethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,1,2-Trichloroethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| **Trichloroethene** | EPA 8260B | 8H01019 | 1.0 | **26** | 1 | 8/1/2008 | 8/2/2008 | |
| Trichlorofluoromethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,2,3-Trichloropropane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,2,4-Trimethylbenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,3,5-Trimethylbenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| **inyl chloride** | EPA 8260B | 8H01019 | 0.50 | **0.57** | 1 | 8/1/2008 | 8/2/2008 | |
| m,p-Xylenes | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| o-Xylene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| *Surrogate: 4-Bromofluorobenzene (80-120%)* | | | | *82 %* | | | | |
| *Surrogate: Dibromofluoromethane (80-120%)* | | | | *100 %* | | | | |
| *Surrogate: Toluene-d8 (80-120%)* | | | | *93 %* | | | | |

**stAmerica Irvine**
Sushmitha Reddy For Patty Mata
Project Manager

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Iris Environmental
1438 Webster Street, Suite 302
Oakland, CA 94612
Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2534

Sampled: 07/30/08
Received: 07/30/08

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| **Sample ID: IRG2534-05 (PTI-MW01S-078 - Water)** | | | | | | | | |
| **Reporting Units: ug/l** | | | | | | | | |
| Benzene | EPA 8260B | 8H01019 | 0.50 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Bromobenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Bromochloromethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Bromodichloromethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Bromoform | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Bromomethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| n-Butylbenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| tert-Butylbenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| sec-Butylbenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Carbon tetrachloride | EPA 8260B | 8H01019 | 0.50 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Chlorobenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Chloroethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Chloroform | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Chloromethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 4-Chlorotoluene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Chlorotoluene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,2-Dibromo-3-chloropropane | EPA 8260B | 8H01019 | 5.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Dibromochloromethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,2-Dibromoethane (EDB) | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Dibromomethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,2-Dichlorobenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,3-Dichlorobenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,4-Dichlorobenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Dichlorodifluoromethane | EPA 8260B | 8H01019 | 5.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,1-Dichloroethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,1-Dichloroethene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| **cis-1,2-Dichloroethene** | EPA 8260B | 8H01019 | 1.0 | **1.2** | 1 | 8/1/2008 | 8/1/2008 | |
| trans-1,2-Dichloroethene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,3-Dichloropropane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 2,2-Dichloropropane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,2-Dichloropropane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| cis-1,3-Dichloropropene | EPA 8260B | 8H01019 | 0.50 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| trans-1,3-Dichloropropene | EPA 8260B | 8H01019 | 0.50 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,1-Dichloropropene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Ethylbenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,2-Dichloroethane | EPA 8260B | 8H01019 | 0.50 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Hexachlorobutadiene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Isopropylbenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| p-Isopropyltoluene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Methylene chloride | EPA 8260B | 8H01019 | 5.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Naphthalene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |

**TestAmerica Irvine**

Sushmitha Reddy For Patty Mata
Project Manager

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Iris Environmental
1438 Webster Street, Suite 302
Oakland, CA 94612
Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2534

Sampled: 07/30/08
Received: 07/30/08

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| **Sample ID: IRG2534-05 (PTI-MW01S-078 - Water) - cont.** | | | | | | | | |
| **Reporting Units: ug/l** | | | | | | | | |
| n-Propylbenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Styrene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,1,1,2-Tetrachloroethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,1,2,2-Tetrachloroethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| **Tetrachloroethene** | EPA 8260B | 8H01019 | 1.0 | **4.5** | 1 | 8/1/2008 | 8/1/2008 | |
| Toluene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,2,3-Trichlorobenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,2,4-Trichlorobenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,1,1-Trichloroethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,1,2-Trichloroethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| **Trichloroethene** | EPA 8260B | 8H01019 | 1.0 | **6.7** | 1 | 8/1/2008 | 8/1/2008 | |
| Trichlorofluoromethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,2,3-Trichloropropane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,2,4-Trimethylbenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,3,5-Trimethylbenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Vinyl chloride | EPA 8260B | 8H01019 | 0.50 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| m,p-Xylenes | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| o-Xylene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| *Surrogate: 4-Bromofluorobenzene (80-120%)* | | | | *82 %* | | | | |
| *Surrogate: Dibromofluoromethane (80-120%)* | | | | *91 %* | | | | |
| *Surrogate: Toluene-d8 (80-120%)* | | | | *91 %* | | | | |

**TestAmerica Irvine**

Sushmitha Reddy For Patty Mata
Project Manager

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

Iris Environmental
1438 Webster Street, Suite 302
Oakland, CA 94612
Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2534

Sampled: 07/30/08
Received: 07/30/08

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| **Sample ID: IRG2534-06 (PTI-EB02-078 - Water)** | | | | | | | | |
| **Reporting Units: ug/l** | | | | | | | | |
| Benzene | EPA 8260B | 8H01019 | 0.50 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Bromobenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Bromochloromethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Bromodichloromethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Bromoform | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Bromomethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| n-Butylbenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| tert-Butylbenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| sec-Butylbenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Carbon tetrachloride | EPA 8260B | 8H01019 | 0.50 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Chlorobenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Chloroethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Chloroform | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Chloromethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 4-Chlorotoluene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Chlorotoluene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,2-Dibromo-3-chloropropane | EPA 8260B | 8H01019 | 5.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Dibromochloromethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,2-Dibromoethane (EDB) | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Dibromomethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,2-Dichlorobenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,3-Dichlorobenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,4-Dichlorobenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Dichlorodifluoromethane | EPA 8260B | 8H01019 | 5.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,1-Dichloroethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,1-Dichloroethene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| cis-1,2-Dichloroethene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| trans-1,2-Dichloroethene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,3-Dichloropropane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 2,2-Dichloropropane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,2-Dichloropropane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| cis-1,3-Dichloropropene | EPA 8260B | 8H01019 | 0.50 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| trans-1,3-Dichloropropene | EPA 8260B | 8H01019 | 0.50 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,1-Dichloropropene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Ethylbenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,2-Dichloroethane | EPA 8260B | 8H01019 | 0.50 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Hexachlorobutadiene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Isopropylbenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| p-Isopropyltoluene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Methylene chloride | EPA 8260B | 8H01019 | 5.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Naphthalene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |

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Sushmitha Reddy For Patty Mata
Project Manager

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Iris Environmental
1438 Webster Street, Suite 302
Oakland, CA 94612
Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2534

Sampled: 07/30/08
Received: 07/30/08

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| **Sample ID: IRG2534-06 (PTI-EB02-078 - Water) - cont.** | | | | | | | | |
| **Reporting Units: ug/l** | | | | | | | | |
| n-Propylbenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Styrene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,1,1,2-Tetrachloroethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,1,2,2-Tetrachloroethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Tetrachloroethene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Toluene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,2,3-Trichlorobenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,2,4-Trichlorobenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,1,1-Trichloroethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,1,2-Trichloroethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Trichloroethene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Trichlorofluoromethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,2,3-Trichloropropane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,2,4-Trimethylbenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,3,5-Trimethylbenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| inyl chloride | EPA 8260B | 8H01019 | 0.50 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| m,p-Xylenes | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| o-Xylene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| *Surrogate: 4-Bromofluorobenzene (80-120%)* | | | | *85 %* | | | | |
| *Surrogate: Dibromofluoromethane (80-120%)* | | | | *91 %* | | | | |
| *Surrogate: Toluene-d8 (80-120%)* | | | | *91 %* | | | | |

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Sushmitha Reddy For Patty Mata
Project Manager

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Iris Environmental
1438 Webster Street, Suite 302
Oakland, CA 94612
Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2534

Sampled: 07/30/08
Received: 07/30/08

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| **Sample ID: IRG2534-07 (PTI-MW01D-078 - Water)** | | | | | | | | |
| **Reporting Units: ug/l** | | | | | | | | |
| Benzene | EPA 8260B | 8H01019 | 0.50 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Bromobenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Bromochloromethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Bromodichloromethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Bromoform | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Bromomethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| n-Butylbenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| tert-Butylbenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| sec-Butylbenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Carbon tetrachloride | EPA 8260B | 8H01019 | 0.50 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Chlorobenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Chloroethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Chloroform | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Chloromethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 4-Chlorotoluene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Chlorotoluene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,2-Dibromo-3-chloropropane | EPA 8260B | 8H01019 | 5.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Dibromochloromethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,2-Dibromoethane (EDB) | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Dibromomethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,2-Dichlorobenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,3-Dichlorobenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,4-Dichlorobenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Dichlorodifluoromethane | EPA 8260B | 8H01019 | 5.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,1-Dichloroethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| **1,1-Dichloroethene** | EPA 8260B | 8H01019 | 1.0 | **2.4** | 1 | 8/1/2008 | 8/2/2008 | |
| cis-1,2-Dichloroethene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| trans-1,2-Dichloroethene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,3-Dichloropropane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 2,2-Dichloropropane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,2-Dichloropropane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| cis-1,3-Dichloropropene | EPA 8260B | 8H01019 | 0.50 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| trans-1,3-Dichloropropene | EPA 8260B | 8H01019 | 0.50 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,1-Dichloropropene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Ethylbenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,2-Dichloroethane | EPA 8260B | 8H01019 | 0.50 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Hexachlorobutadiene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Isopropylbenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| p-Isopropyltoluene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Methylene chloride | EPA 8260B | 8H01019 | 5.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Naphthalene | EPA 8260B | 8I01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |

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Sushmitha Reddy For Patty Mata
Project Manager

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1438 Webster Street, Suite 302
Oakland, CA 94612
Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2534

Sampled: 07/30/08
Received: 07/30/08

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| **Sample ID: IRG2534-07 (PTI-MW01D-078 - Water) - cont.** | | | | | | | | |
| **Reporting Units: ug/l** | | | | | | | | |
| n-Propylbenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Styrene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,1,1,2-Tetrachloroethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,1,2,2-Tetrachloroethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| **Tetrachloroethene** | EPA 8260B | 8H01019 | 1.0 | **16** | 1 | 8/1/2008 | 8/2/2008 | |
| Toluene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,2,3-Trichlorobenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,2,4-Trichlorobenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,1,1-Trichloroethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,1,2-Trichloroethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| **Trichloroethene** | EPA 8260B | 8H01019 | 1.0 | **34** | 1 | 8/1/2008 | 8/2/2008 | |
| **Trichlorofluoromethane** | EPA 8260B | 8H01019 | 1.0 | **3.7** | 1 | 8/1/2008 | 8/2/2008 | |
| 1,2,3-Trichloropropane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,2,4-Trimethylbenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,3,5-Trimethylbenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| inyl chloride | EPA 8260B | 8H01019 | 0.50 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| m,p-Xylenes | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| o-Xylene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| *Surrogate: 4-Bromofluorobenzene (80-120%)* | | | | *88 %* | | | | |
| *Surrogate: Dibromofluoromethane (80-120%)* | | | | *94 %* | | | | |
| *Surrogate: Toluene-d8 (80-120%)* | | | | *97 %* | | | | |

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Sushmitha Reddy For Patty Mata
Project Manager

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Iris Environmental
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Oakland, CA 94612
Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2534

Sampled: 07/30/08
Received: 07/30/08

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| **Sample ID: IRG2534-08 (PTI-MW15D-078 - Water)** | | | | | | | | |
| **Reporting Units: ug/l** | | | | | | | | |
| Benzene | EPA 8260B | 8H01019 | 0.50 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Bromobenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Bromochloromethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Bromodichloromethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Bromoform | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Bromomethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| n-Butylbenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| tert-Butylbenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| sec-Butylbenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Carbon tetrachloride | EPA 8260B | 8H01019 | 0.50 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Chlorobenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Chloroethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Chloroform | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Chloromethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 4-Chlorotoluene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| -Chlorotoluene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,2-Dibromo-3-chloropropane | EPA 8260B | 8H01019 | 5.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Dibromochloromethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,2-Dibromoethane (EDB) | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Dibromomethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,2-Dichlorobenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,3-Dichlorobenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,4-Dichlorobenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Dichlorodifluoromethane | EPA 8260B | 8H01019 | 5.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,1-Dichloroethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,1-Dichloroethene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| cis-1,2-Dichloroethene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| trans-1,2-Dichloroethene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,3-Dichloropropane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 2,2-Dichloropropane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,2-Dichloropropane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| cis-1,3-Dichloropropene | EPA 8260B | 8H01019 | 0.50 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| trans-1,3-Dichloropropene | EPA 8260B | 8H01019 | 0.50 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,1-Dichloropropene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Ethylbenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,2-Dichloroethane | EPA 8260B | 8H01019 | 0.50 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Hexachlorobutadiene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Isopropylbenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| p-Isopropyltoluene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Methylene chloride | EPA 8260B | 8H01019 | 5.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Naphthalene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |

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Sushmitha Reddy For Patty Mata
Project Manager

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Iris Environmental
1438 Webster Street, Suite 302
Oakland, CA 94612
Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2534

Sampled: 07/30/08
Received: 07/30/08

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| **Sample ID: IRG2534-08 (PTI-MW15D-078 - Water) - cont.** | | | | | | | | |
| **Reporting Units: ug/l** | | | | | | | | |
| n-Propylbenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Styrene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,1,1,2-Tetrachloroethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,1,2,2-Tetrachloroethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Tetrachloroethene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Toluene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,2,3-Trichlorobenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,2,4-Trichlorobenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,1,1-Trichloroethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,1,2-Trichloroethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| **Trichloroethene** | EPA 8260B | 8H01019 | 1.0 | **1.6** | 1 | 8/1/2008 | 8/2/2008 | |
| Trichlorofluoromethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,2,3-Trichloropropane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,2,4-Trimethylbenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,3,5-Trimethylbenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| inyl chloride | EPA 8260B | 8H01019 | 0.50 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| m,p-Xylenes | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| o-Xylene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| *Surrogate: 4-Bromofluorobenzene (80-120%)* | | | | *83 %* | | | | |
| *Surrogate: Dibromofluoromethane (80-120%)* | | | | *96 %* | | | | |
| *Surrogate: Toluene-d8 (80-120%)* | | | | *92 %* | | | | |

**stAmerica Irvine**

Sushmitha Reddy For Patty Mata
Project Manager

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17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

Iris Environmental
1438 Webster Street, Suite 302
Oakland, CA 94612
Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2534

Sampled: 07/30/08
Received: 07/30/08

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| **Sample ID: IRG2534-09 (PTI-MW15S-078 - Water)** | | | | | | | | |
| **Reporting Units: ug/l** | | | | | | | | |
| **Benzene** | EPA 8260B | 8H01019 | 0.50 | **0.51** | 1 | 8/1/2008 | 8/2/2008 | |
| Bromobenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Bromochloromethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Bromodichloromethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Bromoform | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Bromomethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| n-Butylbenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| tert-Butylbenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| sec-Butylbenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Carbon tetrachloride | EPA 8260B | 8H01019 | 0.50 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Chlorobenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Chloroethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| **Chloroform** | EPA 8260B | 8H01019 | 1.0 | **5.4** | 1 | 8/1/2008 | 8/2/2008 | |
| Chloromethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 4-Chlorotoluene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 2-Chlorotoluene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,2-Dibromo-3-chloropropane | EPA 8260B | 8H01019 | 5.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Dibromochloromethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,2-Dibromoethane (EDB) | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Dibromomethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,2-Dichlorobenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,3-Dichlorobenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,4-Dichlorobenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Dichlorodifluoromethane | EPA 8260B | 8H01019 | 5.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| **1,1-Dichloroethane** | EPA 8260B | 8H01019 | 1.0 | **18** | 1 | 8/1/2008 | 8/2/2008 | |
| **1,1-Dichloroethene** | EPA 8260B | 8H01019 | 1.0 | **5.9** | 1 | 8/1/2008 | 8/2/2008 | |
| **cis-1,2-Dichloroethene** | EPA 8260B | 8H01019 | 1.0 | **6.0** | 1 | 8/1/2008 | 8/2/2008 | |
| trans-1,2-Dichloroethene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,3-Dichloropropane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 2,2-Dichloropropane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,2-Dichloropropane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| cis-1,3-Dichloropropene | EPA 8260B | 8H01019 | 0.50 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| trans-1,3-Dichloropropene | EPA 8260B | 8H01019 | 0.50 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,1-Dichloropropene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Ethylbenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| **1,2-Dichloroethane** | EPA 8260B | 8H01019 | 0.50 | **110** | 1 | 8/1/2008 | 8/2/2008 | |
| Hexachlorobutadiene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Isopropylbenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| p-Isopropyltoluene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Methylene chloride | EPA 8260B | 8H01019 | 5.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Naphthalene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |

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Sushmitha Reddy For Patty Mata
Project Manager

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Iris Environmental
1438 Webster Street, Suite 302
Oakland, CA 94612
Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2534

Sampled: 07/30/08
Received: 07/30/08

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| **Sample ID: IRG2534-09 (PTI-MW15S-078 - Water) - cont.** | | | | | | | | |
| **Reporting Units: ug/l** | | | | | | | | |
| n-Propylbenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Styrene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,1,1,2-Tetrachloroethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,1,2,2-Tetrachloroethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| **Tetrachloroethene** | EPA 8260B | 8H01019 | 1.0 | **2.3** | 1 | 8/1/2008 | 8/2/2008 | |
| Toluene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,2,3-Trichlorobenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,2,4-Trichlorobenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,1,1-Trichloroethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,1,2-Trichloroethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| **Trichloroethene** | EPA 8260B | 8H01019 | 1.0 | **73** | 1 | 8/1/2008 | 8/2/2008 | |
| Trichlorofluoromethane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,2,3-Trichloropropane | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,2,4-Trimethylbenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,3,5-Trimethylbenzene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| inyl chloride | EPA 8260B | 8H01019 | 0.50 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| m,p-Xylenes | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| o-Xylene | EPA 8260B | 8H01019 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| *Surrogate: 4-Bromofluorobenzene (80-120%)* | | | | *84 %* | | | | |
| *Surrogate: Dibromofluoromethane (80-120%)* | | | | *97 %* | | | | |
| *Surrogate: Toluene-d8 (80-120%)* | | | | *100 %* | | | | |

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1438 Webster Street, Suite 302
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Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2534

Sampled: 07/30/08
Received: 07/30/08

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| **Sample ID: IRG2534-10 (PTI-MW14S-078 - Water)** | | | | | | | | |
| **Reporting Units: ug/l** | | | | | | | | |
| Benzene | EPA 8260B | 8H01019 | 2.5 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| Bromobenzene | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| Bromochloromethane | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| Bromodichloromethane | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| Bromoform | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| Bromomethane | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| n-Butylbenzene | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| tert-Butylbenzene | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| sec-Butylbenzene | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| **Carbon tetrachloride** | EPA 8260B | 8H01019 | 2.5 | **4.0** | 5 | 8/1/2008 | 8/2/2008 | |
| Chlorobenzene | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| Chloroethane | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| **Chloroform** | EPA 8260B | 8H01019 | 5.0 | **30** | 5 | 8/1/2008 | 8/2/2008 | |
| Chloromethane | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| 4-Chlorotoluene | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| -Chlorotoluene | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| 1,2-Dibromo-3-chloropropane | EPA 8260B | 8H01019 | 25 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| Dibromochloromethane | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| 1,2-Dibromoethane (EDB) | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| Dibromomethane | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| 1,2-Dichlorobenzene | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| 1,3-Dichlorobenzene | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| 1,4-Dichlorobenzene | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| Dichlorodifluoromethane | EPA 8260B | 8H01019 | 25 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| **1,1-Dichloroethane** | EPA 8260B | 8H01019 | 5.0 | **120** | 5 | 8/1/2008 | 8/2/2008 | |
| **1,1-Dichloroethene** | EPA 8260B | 8H01019 | 5.0 | **65** | 5 | 8/1/2008 | 8/2/2008 | |
| **cis-1,2-Dichloroethene** | EPA 8260B | 8H01019 | 5.0 | **33** | 5 | 8/1/2008 | 8/2/2008 | |
| trans-1,2-Dichloroethene | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| 1,3-Dichloropropane | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| 2,2-Dichloropropane | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| 1,2-Dichloropropane | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| cis-1,3-Dichloropropene | EPA 8260B | 8H01019 | 2.5 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| trans-1,3-Dichloropropene | EPA 8260B | 8H01019 | 2.5 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| 1,1-Dichloropropene | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| Ethylbenzene | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| **1,2-Dichloroethane** | EPA 8260B | 8H01019 | 2.5 | **65** | 5 | 8/1/2008 | 8/2/2008 | |
| Hexachlorobutadiene | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| Isopropylbenzene | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| p-Isopropyltoluene | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| Methylene chloride | EPA 8260B | 8H01019 | 25 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| Naphthalene | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |

**stAmerica Irvine**

Sushmitha Reddy For Patty Mata
Project Manager

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Iris Environmental
1438 Webster Street, Suite 302
Oakland, CA 94612
Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2534

Sampled: 07/30/08
Received: 07/30/08

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| **Sample ID: IRG2534-10 (PTI-MW14S-078 - Water) - cont.** | | | | | | | | |
| **Reporting Units: ug/l** | | | | | | | | |
| n-Propylbenzene | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| Styrene | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| 1,1,1,2-Tetrachloroethane | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| 1,1,2,2-Tetrachloroethane | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| Tetrachloroethene | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| Toluene | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| 1,2,3-Trichlorobenzene | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| **1,2,4-Trichlorobenzene** | EPA 8260B | 8H01019 | 5.0 | **12** | 5 | 8/1/2008 | 8/2/2008 | |
| 1,1,1-Trichloroethane | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| 1,1,2-Trichloroethane | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| **Trichloroethene** | EPA 8260B | 8H01019 | 5.0 | **640** | 5 | 8/1/2008 | 8/2/2008 | |
| Trichlorofluoromethane | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| 1,2,3-Trichloropropane | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| 1,2,4-Trimethylbenzene | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| 1,3,5-Trimethylbenzene | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| Vinyl chloride | EPA 8260B | 8H01019 | 2.5 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| m,p-Xylenes | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| o-Xylene | EPA 8260B | 8H01019 | 5.0 | ND | 5 | 8/1/2008 | 8/2/2008 | |
| *Surrogate: 4-Bromofluorobenzene (80-120%)* | | | | *87 %* | | | | |
| *Surrogate: Dibromofluoromethane (80-120%)* | | | | *104 %* | | | | |
| *Surrogate: Toluene-d8 (80-120%)* | | | | *98 %* | | | | |

TestAmerica Irvine

Sushmitha Reddy For Patty Mata
Project Manager

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Attention: Rebecca Frymer

Project ID: PTl, Phibro-Tech
06-441-C
Report Number: IRG2534

Sampled: 07/30/08
Received: 07/30/08

## DISSOLVED METALS

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| **Sample ID: IRG2534-02 (PTI-MW03-078 - Water)** | | | | | | | | |
| **Reporting Units: mg/l** | | | | | | | | |
| Cadmium | EPA 6010B-Diss | 8H04091 | 0.0050 | ND | 1 | 8/4/2008 | 8/5/2008 | |
| Chromium | EPA 6010B-Diss | 8H04091 | 0.0050 | ND | 1 | 8/4/2008 | 8/5/2008 | |
| Copper | EPA 6010B-Diss | 8H04091 | 0.010 | ND | 1 | 8/4/2008 | 8/5/2008 | |
| **Sample ID: IRG2534-03 (PTI-MW11-078 - Water)** | | | | | | | | |
| **Reporting Units: mg/l** | | | | | | | | |
| Cadmium | EPA 6010B-Diss | 8H04091 | 0.0050 | ND | 1 | 8/4/2008 | 8/6/2008 | |
| Chromium | EPA 6010B-Diss | 8H04091 | 0.0050 | ND | 1 | 8/4/2008 | 8/6/2008 | |
| Copper | EPA 6010B-Diss | 8H04091 | 0.010 | ND | 1 | 8/4/2008 | 8/6/2008 | |
| **Sample ID: IRG2534-04 (PTI-MW16-078 - Water)** | | | | | | | | |
| **Reporting Units: mg/l** | | | | | | | | |
| Cadmium | EPA 6010B-Diss | 8H04091 | 0.0050 | ND | 1 | 8/4/2008 | 8/6/2008 | |
| Chromium | EPA 6010B-Diss | 8H04091 | 0.0050 | ND | 1 | 8/4/2008 | 8/6/2008 | |
| Copper | EPA 6010B-Diss | 8H04091 | 0.010 | ND | 1 | 8/4/2008 | 8/6/2008 | |
| **mple ID: IRG2534-05 (PTI-MW01S-078 - Water)** | | | | | | | | |
| **Reporting Units: mg/l** | | | | | | | | |
| Cadmium | EPA 6010B-Diss | 8H04091 | 0.0050 | ND | 1 | 8/4/2008 | 8/6/2008 | |
| Chromium | EPA 6010B-Diss | 8H04091 | 0.0050 | ND | 1 | 8/4/2008 | 8/6/2008 | |
| Copper | EPA 6010B-Diss | 8H04091 | 0.010 | ND | 1 | 8/4/2008 | 8/6/2008 | |
| **Sample ID: IRG2534-06 (PTI-EB02-078 - Water)** | | | | | | | | |
| **Reporting Units: mg/l** | | | | | | | | |
| Cadmium | EPA 6010B-Diss | 8H04091 | 0.0050 | ND | 1 | 8/4/2008 | 8/6/2008 | |
| Chromium | EPA 6010B-Diss | 8H04091 | 0.0050 | ND | 1 | 8/4/2008 | 8/6/2008 | |
| Copper | EPA 6010B-Diss | 8H04091 | 0.010 | ND | 1 | 8/4/2008 | 8/6/2008 | |
| **Sample ID: IRG2534-07 (PTI-MW01D-078 - Water)** | | | | | | | | |
| **Reporting Units: mg/l** | | | | | | | | |
| Cadmium | EPA 6010B-Diss | 8H04091 | 0.0050 | ND | 1 | 8/4/2008 | 8/6/2008 | |
| **Chromium** | EPA 6010B-Diss | 8H04091 | 0.0050 | **0.0093** | 1 | 8/4/2008 | 8/6/2008 | |
| **Copper** | EPA 6010B-Diss | 8H04091 | 0.010 | **0.047** | 1 | 8/4/2008 | 8/6/2008 | |
| **Sample ID: IRG2534-08 (PTI-MW15D-078 - Water)** | | | | | | | | |
| **Reporting Units: mg/l** | | | | | | | | |
| Cadmium | EPA 6010B-Diss | 8H04091 | 0.0050 | ND | 1 | 8/4/2008 | 8/6/2008 | |
| **Chromium** | EPA 6010B-Diss | 8H04091 | 0.0050 | **0.0054** | 1 | 8/4/2008 | 8/6/2008 | |
| **Copper** | EPA 6010B-Diss | 8H04091 | 0.010 | **0.056** | 1 | 8/4/2008 | 8/6/2008 | |

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Project Manager

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Iris Environmental
1438 Webster Street, Suite 302
Oakland, CA 94612
Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2534

Sampled: 07/30/08
Received: 07/30/08

## DISSOLVED METALS

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| **Sample ID: IRG2534-09 (PTI-MW15S-078 - Water)** | | | | | | | | |
| **Reporting Units: mg/l** | | | | | | | | |
| Cadmium | EPA 6010B-Diss | 8H04091 | 0.0050 | ND | 1 | 8/4/2008 | 8/6/2008 | |
| Chromium | EPA 6010B-Diss | 8H04091 | 0.0050 | ND | 1 | 8/4/2008 | 8/6/2008 | |
| Copper | EPA 6010B-Diss | 8H04091 | 0.010 | ND | 1 | 8/4/2008 | 8/6/2008 | |
| **Sample ID: IRG2534-10 (PTI-MW14S-078 - Water)** | | | | | | | | |
| **Reporting Units: mg/l** | | | | | | | | |
| Cadmium | EPA 6010B-Diss | 8H04091 | 0.010 | ND | 2 | 8/4/2008 | 8/7/2008 | RL1 |
| **Chromium** | EPA 6010B-Diss | 8H04091 | 0.010 | **0.72** | 2 | 8/4/2008 | 8/7/2008 | |
| **Copper** | EPA 6010B-Diss | 8H04091 | 0.020 | **0.029** | 2 | 8/4/2008 | 8/7/2008 | |

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Report Number: IRG2534

Sampled: 07/30/08
Received: 07/30/08

## INORGANICS

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| **Sample ID: IRG2534-02 (PTI-MW03-078 - Water)** | | | | | | | | |
| **Reporting Units: mg/l** | | | | | | | | |
| Chromium VI | EPA 7199 | 8G30090 | 0.0010 | ND | 1 | 7/30/2008 | 7/30/2008 | |
| **Sample ID: IRG2534-02 (PTI-MW03-078 - Water)** | | | | | | | | |
| **Reporting Units: pH Units** | | | | | | | | |
| **pH** | EPA 150.1 | 8G31074 | 0.100 | **7.33** | 1 | 7/31/2008 | 7/31/2008 | HFT |
| **Sample ID: IRG2534-03 (PTI-MW11-078 - Water)** | | | | | | | | |
| **Reporting Units: mg/l** | | | | | | | | |
| Chromium VI | EPA 7199 | 8G30090 | 0.0010 | ND | 1 | 7/30/2008 | 7/30/2008 | |
| **Sample ID: IRG2534-03 (PTI-MW11-078 - Water)** | | | | | | | | |
| **Reporting Units: pH Units** | | | | | | | | |
| **pH** | EPA 150.1 | 8G31074 | 0.100 | **7.49** | 1 | 7/31/2008 | 7/31/2008 | HFT |
| **Sample ID: IRG2534-04 (PTI-MW16-078 - Water)** | | | | | | | | |
| **Reporting Units: mg/l** | | | | | | | | |
| **Chromium VI** | EPA 7199 | 8G30090 | 0.0010 | **0.0061** | 1 | 7/30/2008 | 7/30/2008 | |
| **Sample ID: IRG2534-04 (PTI-MW16-078 - Water)** | | | | | | | | |
| **Reporting Units: pH Units** | | | | | | | | |
| **pH** | EPA 150.1 | 8G31074 | 0.100 | **7.22** | 1 | 7/31/2008 | 7/31/2008 | HFT |
| **Sample ID: IRG2534-05 (PTI-MW01S-078 - Water)** | | | | | | | | |
| **Reporting Units: mg/l** | | | | | | | | |
| **Chromium VI** | EPA 7199 | 8G30090 | 0.0010 | **0.0017** | 1 | 7/30/2008 | 7/30/2008 | |
| **Sample ID: IRG2534-05 (PTI-MW01S-078 - Water)** | | | | | | | | |
| **Reporting Units: pH Units** | | | | | | | | |
| **pH** | EPA 150.1 | 8G31074 | 0.100 | **7.35** | 1 | 7/31/2008 | 7/31/2008 | HFT |
| **Sample ID: IRG2534-06 (PTI-EB02-078 - Water)** | | | | | | | | |
| **Reporting Units: mg/l** | | | | | | | | |
| Chromium VI | EPA 7199 | 8G30090 | 0.0010 | ND | 1 | 7/30/2008 | 7/30/2008 | |
| **Sample ID: IRG2534-06 (PTI-EB02-078 - Water)** | | | | | | | | |
| **Reporting Units: pH Units** | | | | | | | | |
| **pH** | EPA 150.1 | 8G31074 | 0.100 | **8.30** | 1 | 7/31/2008 | 7/31/2008 | HFT |

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Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2534

Sampled: 07/30/08
Received: 07/30/08

## INORGANICS

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| **Sample ID: IRG2534-07 (PTI-MW01D-078 - Water)** | | | | | | | | |
| **Reporting Units: mg/l** | | | | | | | | |
| **Chromium VI** | EPA 7199 | 8G30090 | 0.0010 | **0.0088** | 1 | 7/30/2008 | 7/30/2008 | |
| **Sample ID: IRG2534-07 (PTI-MW01D-078 - Water)** | | | | | | | | |
| **Reporting Units: pH Units** | | | | | | | | |
| **pH** | EPA 150.1 | 8G31074 | 0.100 | **7.80** | 1 | 7/31/2008 | 7/31/2008 | HFT |
| **Sample ID: IRG2534-08 (PTI-MW15D-078 - Water)** | | | | | | | | |
| **Reporting Units: mg/l** | | | | | | | | |
| Chromium VI | EPA 7199 | 8G30090 | 0.0010 | ND | 1 | 7/30/2008 | 7/30/2008 | |
| **Sample ID: IRG2534-08 (PTI-MW15D-078 - Water)** | | | | | | | | |
| **Reporting Units: pH Units** | | | | | | | | |
| **pH** | EPA 150.1 | 8G31074 | 0.100 | **7.78** | 1 | 7/31/2008 | 7/31/2008 | HFT |
| **Sample ID: IRG2534-09 (PTI-MW15S-078 - Water)** | | | | | | | | |
| **Reporting Units: mg/l** | | | | | | | | |
| Chromium VI | EPA 7199 | 8G30090 | 0.0010 | ND | 1 | 7/30/2008 | 7/30/2008 | |
| **Sample ID: IRG2534-09 (PTI-MW15S-078 - Water)** | | | | | | | | |
| **Reporting Units: pH Units** | | | | | | | | |
| **pH** | EPA 150.1 | 8G31074 | 0.100 | **7.55** | 1 | 7/31/2008 | 7/31/2008 | HFT |
| **Sample ID: IRG2534-10 (PTI-MW14S-078 - Water)** | | | | | | | | |
| **Reporting Units: mg/l** | | | | | | | | |
| **Chromium VI** | EPA 7199 | 8G30090 | 0.020 | **0.67** | 20 | 7/30/2008 | 7/30/2008 | |
| **Sample ID: IRG2534-10 (PTI-MW14S-078 - Water)** | | | | | | | | |
| **Reporting Units: pH Units** | | | | | | | | |
| **pH** | EPA 150.1 | 8G31074 | 0.100 | **7.09** | 1 | 7/31/2008 | 7/31/2008 | HFT |

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Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2534

Sampled: 07/30/08
Received: 07/30/08

# SHORT HOLD TIME DETAIL REPORT

| | Hold Time (in days) | Date/Time Sampled | Date/Time Received | Date/Time Extracted | Date/Time Analyzed |
|---|---|---|---|---|---|
| **Sample ID: PTI-MW03-078 (IRG2534-02) - Water** | | | | | |
| EPA 150.1 | 0 | 07/30/2008 08:05 | 07/30/2008 17:10 | 07/31/2008 10:05 | 07/31/2008 10:05 |
| EPA 7199 | 1 | 07/30/2008 08:05 | 07/30/2008 17:10 | 07/30/2008 18:55 | 07/30/2008 18:59 |
| **Sample ID: PTI-MW11-078 (IRG2534-03) - Water** | | | | | |
| EPA 150.1 | 0 | 07/30/2008 09:00 | 07/30/2008 17:10 | 07/31/2008 10:05 | 07/31/2008 10:05 |
| EPA 7199 | 1 | 07/30/2008 09:00 | 07/30/2008 17:10 | 07/30/2008 18:55 | 07/30/2008 19:09 |
| **Sample ID: PTI-MW16-078 (IRG2534-04) - Water** | | | | | |
| EPA 150.1 | 0 | 07/30/2008 09:50 | 07/30/2008 17:10 | 07/31/2008 10:05 | 07/31/2008 10:05 |
| EPA 7199 | 1 | 07/30/2008 09:50 | 07/30/2008 17:10 | 07/30/2008 18:55 | 07/30/2008 19:19 |
| **Sample ID: PTI-MW01S-078 (IRG2534-05) - Water** | | | | | |
| EPA 150.1 | 0 | 07/30/2008 10:45 | 07/30/2008 17:10 | 07/31/2008 10:05 | 07/31/2008 10:05 |
| EPA 7199 | 1 | 07/30/2008 10:45 | 07/30/2008 17:10 | 07/30/2008 18:55 | 07/30/2008 19:53 |
| **Sample ID: PTI-EB02-078 (IRG2534-06) - Water** | | | | | |
| EPA 150.1 | 0 | 07/30/2008 11:05 | 07/30/2008 17:10 | 07/31/2008 10:05 | 07/31/2008 10:05 |
| EPA 7199 | 1 | 07/30/2008 11:05 | 07/30/2008 17:10 | 07/30/2008 18:55 | 07/30/2008 20:02 |
| **Sample ID: PTI-MW01D-078 (IRG2534-07) - Water** | | | | | |
| EPA 150.1 | 0 | 07/30/2008 11:45 | 07/30/2008 17:10 | 07/31/2008 10:05 | 07/31/2008 10:05 |
| EPA 7199 | 1 | 07/30/2008 11:45 | 07/30/2008 17:10 | 07/30/2008 18:55 | 07/30/2008 20:21 |
| **Sample ID: PTI-MW15D-078 (IRG2534-08) - Water** | | | | | |
| EPA 150.1 | 0 | 07/30/2008 13:45 | 07/30/2008 17:10 | 07/31/2008 10:05 | 07/31/2008 10:05 |
| EPA 7199 | 1 | 07/30/2008 13:45 | 07/30/2008 17:10 | 07/30/2008 18:55 | 07/30/2008 20:31 |
| **Sample ID: PTI-MW15S-078 (IRG2534-09) - Water** | | | | | |
| EPA 150.1 | 0 | 07/30/2008 14:35 | 07/30/2008 17:10 | 07/31/2008 10:05 | 07/31/2008 10:05 |
| EPA 7199 | 1 | 07/30/2008 14:35 | 07/30/2008 17:10 | 07/30/2008 18:55 | 07/30/2008 21:34 |
| **Sample ID: PTI-MW14S-078 (IRG2534-10) - Water** | | | | | |
| EPA 150.1 | 0 | 07/30/2008 15:55 | 07/30/2008 17:10 | 07/31/2008 10:05 | 07/31/2008 10:05 |
| EPA 7199 | 1 | 07/30/2008 15:55 | 07/30/2008 17:10 | 07/30/2008 18:55 | 07/30/2008 21:49 |

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Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2534

Sampled: 07/30/08
Received: 07/30/08

## METHOD BLANK/QC DATA

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: 8H01019 Extracted: 08/01/08** | | | | | | | | | | |
| **Blank Analyzed: 08/01/2008 (8H01019-BLK1)** | | | | | | | | | | |
| Benzene | ND | 0.50 | ug/l | | | | | | | |
| Bromobenzene | ND | 1.0 | ug/l | | | | | | | |
| Bromochloromethane | ND | 1.0 | ug/l | | | | | | | |
| Bromodichloromethane | ND | 1.0 | ug/l | | | | | | | |
| Bromoform | ND | 1.0 | ug/l | | | | | | | |
| Bromomethane | ND | 1.0 | ug/l | | | | | | | |
| n-Butylbenzene | ND | 1.0 | ug/l | | | | | | | |
| tert-Butylbenzene | ND | 1.0 | ug/l | | | | | | | |
| sec-Butylbenzene | ND | 1.0 | ug/l | | | | | | | |
| -bon tetrachloride | ND | 0.50 | ug/l | | | | | | | |
| hlorobenzene | ND | 1.0 | ug/l | | | | | | | |
| Chloroethane | ND | 1.0 | ug/l | | | | | | | |
| Chloroform | ND | 1.0 | ug/l | | | | | | | |
| Chloromethane | ND | 1.0 | ug/l | | | | | | | |
| 4-Chlorotoluene | ND | 1.0 | ug/l | | | | | | | |
| 2-Chlorotoluene | ND | 1.0 | ug/l | | | | | | | |
| 1,2-Dibromo-3-chloropropane | ND | 5.0 | ug/l | | | | | | | |
| Dibromochloromethane | ND | 1.0 | ug/l | | | | | | | |
| 1,2-Dibromoethane (EDB) | ND | 1.0 | ug/l | | | | | | | |
| Dibromomethane | ND | 1.0 | ug/l | | | | | | | |
| 1,2-Dichlorobenzene | ND | 1.0 | ug/l | | | | | | | |
| 1,3-Dichlorobenzene | ND | 1.0 | ug/l | | | | | | | |
| 1,4-Dichlorobenzene | ND | 1.0 | ug/l | | | | | | | |
| Dichlorodifluoromethane | ND | 5.0 | ug/l | | | | | | | |
| 1,1-Dichloroethane | ND | 1.0 | ug/l | | | | | | | |
| 1,1-Dichloroethene | ND | 1.0 | ug/l | | | | | | | |
| cis-1,2-Dichloroethene | ND | 1.0 | ug/l | | | | | | | |
| trans-1,2-Dichloroethene | ND | 1.0 | ug/l | | | | | | | |
| 1,3-Dichloropropane | ND | 1.0 | ug/l | | | | | | | |
| 2,2-Dichloropropane | ND | 1.0 | ug/l | | | | | | | |
| 1,2-Dichloropropane | ND | 1.0 | ug/l | | | | | | | |
| cis-1,3-Dichloropropene | ND | 0.50 | ug/l | | | | | | | |
| trans-1,3-Dichloropropene | ND | 0.50 | ug/l | | | | | | | |
| 1,1-Dichloropropene | ND | 1.0 | ug/l | | | | | | | |
| Ethylbenzene | ND | 1.0 | ug/l | | | | | | | |
| 1,2-Dichloroethane | ND | 0.50 | ug/l | | | | | | | |

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Report Number: IRG2534

Sampled: 07/30/08
Received: 07/30/08

## METHOD BLANK/QC DATA

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: 8H01019 Extracted: 08/01/08** | | | | | | | | | | |
| **Blank Analyzed: 08/01/2008 (8H01019-BLK1)** | | | | | | | | | | |
| Hexachlorobutadiene | ND | 1.0 | ug/l | | | | | | | |
| Isopropylbenzene | ND | 1.0 | ug/l | | | | | | | |
| p-Isopropyltoluene | ND | 1.0 | ug/l | | | | | | | |
| Methylene chloride | ND | 5.0 | ug/l | | | | | | | |
| Naphthalene | ND | 1.0 | ug/l | | | | | | | |
| n-Propylbenzene | ND | 1.0 | ug/l | | | | | | | |
| Styrene | ND | 1.0 | ug/l | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | ug/l | | | | | | | |
| 1,1,2,2-Tetrachloroethane | ND | 1.0 | ug/l | | | | | | | |
| Tetrachloroethene | ND | 1.0 | ug/l | | | | | | | |
| Toluene | ND | 1.0 | ug/l | | | | | | | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | ug/l | | | | | | | |
| 1,2,4-Trichlorobenzene | ND | 1.0 | ug/l | | | | | | | |
| 1,1,1-Trichloroethane | ND | 1.0 | ug/l | | | | | | | |
| 1,1,2-Trichloroethane | ND | 1.0 | ug/l | | | | | | | |
| Trichloroethene | ND | 1.0 | ug/l | | | | | | | |
| Trichlorofluoromethane | ND | 1.0 | ug/l | | | | | | | |
| 1,2,3-Trichloropropane | ND | 1.0 | ug/l | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | 1.0 | ug/l | | | | | | | |
| 1,3,5-Trimethylbenzene | ND | 1.0 | ug/l | | | | | | | |
| Vinyl chloride | ND | 0.50 | ug/l | | | | | | | |
| m,p-Xylenes | ND | 1.0 | ug/l | | | | | | | |
| o-Xylene | ND | 1.0 | ug/l | | | | | | | |
| *Surrogate: 4-Bromofluorobenzene* | *21.1* | | *ug/l* | *25.0* | | *84* | *80-120* | | | |
| *Surrogate: Dibromofluoromethane* | *22.0* | | *ug/l* | *25.0* | | *88* | *80-120* | | | |
| *Surrogate: Toluene-d8* | *23.3* | | *ug/l* | *25.0* | | *93* | *80-120* | | | |
| **LCS Analyzed: 08/01/2008 (8H01019-BS1)** | | | | | | | | | | |
| Benzene | 24.8 | 0.50 | ug/l | 25.0 | | 99 | 70-120 | | | |
| Bromobenzene | 24.8 | 1.0 | ug/l | 25.0 | | 99 | 75-120 | | | |
| Bromochloromethane | 24.3 | 1.0 | ug/l | 25.0 | | 97 | 70-130 | | | |
| Bromodichloromethane | 22.5 | 1.0 | ug/l | 25.0 | | 90 | 70-135 | | | |
| Bromoform | 23.0 | 1.0 | ug/l | 25.0 | | 92 | 55-130 | | | |
| Bromomethane | 25.4 | 1.0 | ug/l | 25.0 | | 102 | 65-140 | | | |
| n-Butylbenzene | 27.4 | 1.0 | ug/l | 25.0 | | 110 | 70-130 | | | |
| tert-Butylbenzene | 27.6 | 1.0 | ug/l | 25.0 | | 110 | 70-125 | | | |

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Sampled: 07/30/08
Received: 07/30/08

## METHOD BLANK/QC DATA

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: 8H01019 Extracted: 08/01/08** | | | | | | | | | | |
| **LCS Analyzed: 08/01/2008 (8H01019-BS1)** | | | | | | | | | | |
| sec-Butylbenzene | 27.9 | 1.0 | ug/l | 25.0 | | 111 | 70-125 | | | |
| Carbon tetrachloride | 23.8 | 0.50 | ug/l | 25.0 | | 95 | 65-140 | | | |
| Chlorobenzene | 24.0 | 1.0 | ug/l | 25.0 | | 96 | 75-120 | | | |
| Chloroethane | 24.8 | 1.0 | ug/l | 25.0 | | 99 | 60-140 | | | |
| Chloroform | 22.2 | 1.0 | ug/l | 25.0 | | 89 | 70-130 | | | |
| Chloromethane | 24.8 | 1.0 | ug/l | 25.0 | | 99 | 50-140 | | | |
| 4-Chlorotoluene | 26.8 | 1.0 | ug/l | 25.0 | | 107 | 75-125 | | | |
| 2-Chlorotoluene | 25.1 | 1.0 | ug/l | 25.0 | | 100 | 70-125 | | | |
| 1,2-Dibromo-3-chloropropane | 26.2 | 5.0 | ug/l | 25.0 | | 105 | 50-135 | | | |
| Dibromochloromethane | 24.7 | 1.0 | ug/l | 25.0 | | 99 | 70-140 | | | |
| 1,2-Dibromoethane (EDB) | 23.9 | 1.0 | ug/l | 25.0 | | 95 | 75-125 | | | |
| Dibromomethane | 23.6 | 1.0 | ug/l | 25.0 | | 94 | 70-125 | | | |
| 1,2-Dichlorobenzene | 25.8 | 1.0 | ug/l | 25.0 | | 103 | 75-120 | | | |
| 1,3-Dichlorobenzene | 25.5 | 1.0 | ug/l | 25.0 | | 102 | 75-120 | | | |
| 1,4-Dichlorobenzene | 24.7 | 1.0 | ug/l | 25.0 | | 99 | 75-120 | | | |
| Dichlorodifluoromethane | 26.2 | 5.0 | ug/l | 25.0 | | 105 | 35-155 | | | |
| 1,1-Dichloroethane | 22.2 | 1.0 | ug/l | 25.0 | | 89 | 70-125 | | | |
| 1,1-Dichloroethene | 22.9 | 1.0 | ug/l | 25.0 | | 91 | 70-125 | | | |
| cis-1,2-Dichloroethene | 24.3 | 1.0 | ug/l | 25.0 | | 97 | 70-125 | | | |
| trans-1,2-Dichloroethene | 22.6 | 1.0 | ug/l | 25.0 | | 90 | 70-125 | | | |
| 1,3-Dichloropropane | 23.5 | 1.0 | ug/l | 25.0 | | 94 | 70-120 | | | |
| 2,2-Dichloropropane | 26.3 | 1.0 | ug/l | 25.0 | | 105 | 65-140 | | | |
| 1,2-Dichloropropane | 22.5 | 1.0 | ug/l | 25.0 | | 90 | 70-125 | | | |
| cis-1,3-Dichloropropene | 24.9 | 0.50 | ug/l | 25.0 | | 100 | 75-125 | | | |
| trans-1,3-Dichloropropene | 20.8 | 0.50 | ug/l | 25.0 | | 83 | 70-125 | | | |
| 1,1-Dichloropropene | 24.1 | 1.0 | ug/l | 25.0 | | 97 | 75-130 | | | |
| Ethylbenzene | 25.1 | 1.0 | ug/l | 25.0 | | 100 | 75-125 | | | |
| 1,2-Dichloroethane | 21.6 | 0.50 | ug/l | 25.0 | | 87 | 60-140 | | | |
| Hexachlorobutadiene | 26.4 | 1.0 | ug/l | 25.0 | | 106 | 65-135 | | | |
| Isopropylbenzene | 27.9 | 1.0 | ug/l | 25.0 | | 112 | 75-130 | | | |
| p-Isopropyltoluene | 28.0 | 1.0 | ug/l | 25.0 | | 112 | 75-125 | | | |
| Methylene chloride | 23.1 | 5.0 | ug/l | 25.0 | | 92 | 55-130 | | | |
| Naphthalene | 29.0 | 1.0 | ug/l | 25.0 | | 116 | 55-135 | | | |
| n-Propylbenzene | 28.1 | 1.0 | ug/l | 25.0 | | 112 | 75-130 | | | |
| Styrene | 23.0 | 1.0 | ug/l | 25.0 | | 92 | 75-130 | | | |
| 1,1,1,2-Tetrachloroethane | 23.1 | 1.0 | ug/l | 25.0 | | 92 | 70-130 | | | |

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Sushmitha Reddy For Patty Mata
Project Manager

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Iris Environmental
1438 Webster Street, Suite 302
Oakland, CA 94612
Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2534

Sampled: 07/30/08
Received: 07/30/08

## METHOD BLANK/QC DATA

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: 8H01019 Extracted: 08/01/08** | | | | | | | | | | |
| **LCS Analyzed: 08/01/2008 (8H01019-BS1)** | | | | | | | | | | |
| 1,1,2,2-Tetrachloroethane | 25.5 | 1.0 | ug/l | 25.0 | | 102 | 55-130 | | | |
| Tetrachloroethene | 24.3 | 1.0 | ug/l | 25.0 | | 97 | 70-125 | | | |
| Toluene | 25.5 | 1.0 | ug/l | 25.0 | | 102 | 70-120 | | | |
| 1,2,3-Trichlorobenzene | 24.9 | 1.0 | ug/l | 25.0 | | 100 | 65-125 | | | |
| 1,2,4-Trichlorobenzene | 26.4 | 1.0 | ug/l | 25.0 | | 106 | 70-135 | | | |
| 1,1,1-Trichloroethane | 23.7 | 1.0 | ug/l | 25.0 | | 95 | 65-135 | | | |
| 1,1,2-Trichloroethane | 22.8 | 1.0 | ug/l | 25.0 | | 91 | 70-125 | | | |
| Trichloroethene | 22.7 | 1.0 | ug/l | 25.0 | | 91 | 70-125 | | | |
| Trichlorofluoromethane | 23.7 | 1.0 | ug/l | 25.0 | | 95 | 65-145 | | | |
| `,3-Trichloropropane | 25.7 | 1.0 | ug/l | 25.0 | | 103 | 60-130 | | | |
| ,2,4-Trimethylbenzene | 28.4 | 1.0 | ug/l | 25.0 | | 114 | 75-125 | | | |
| 1,3,5-Trimethylbenzene | 27.7 | 1.0 | ug/l | 25.0 | | 111 | 75-125 | | | |
| Vinyl chloride | 26.7 | 0.50 | ug/l | 25.0 | | 107 | 55-135 | | | |
| m,p-Xylenes | 52.8 | 1.0 | ug/l | 50.0 | | 106 | 75-125 | | | |
| o-Xylene | 24.7 | 1.0 | ug/l | 25.0 | | 99 | 75-125 | | | |
| *Surrogate: 4-Bromofluorobenzene* | *22.0* | | *ug/l* | *25.0* | | *88* | *80-120* | | | |
| *Surrogate: Dibromofluoromethane* | *22.0* | | *ug/l* | *25.0* | | *88* | *80-120* | | | |
| *Surrogate: Toluene-d8* | *22.4* | | *ug/l* | *25.0* | | *90* | *80-120* | | | |
| **Matrix Spike Analyzed: 08/01/2008 (8H01019-MS1)** | | | | | **Source: IRG2534-05** | | | | | |
| Benzene | 24.9 | 0.50 | ug/l | 25.0 | ND | 100 | 65-125 | | | |
| Bromobenzene | 25.6 | 1.0 | ug/l | 25.0 | ND | 102 | 70-125 | | | |
| Bromochloromethane | 24.6 | 1.0 | ug/l | 25.0 | ND | 98 | 65-135 | | | |
| Bromodichloromethane | 24.5 | 1.0 | ug/l | 25.0 | ND | 98 | 70-135 | | | |
| Bromoform | 23.2 | 1.0 | ug/l | 25.0 | ND | 93 | 55-135 | | | |
| Bromomethane | 24.7 | 1.0 | ug/l | 25.0 | ND | 99 | 55-145 | | | |
| n-Butylbenzene | 28.3 | 1.0 | ug/l | 25.0 | ND | 113 | 65-135 | | | |
| tert-Butylbenzene | 28.0 | 1.0 | ug/l | 25.0 | ND | 112 | 65-130 | | | |
| sec-Butylbenzene | 28.8 | 1.0 | ug/l | 25.0 | ND | 115 | 70-125 | | | |
| Carbon tetrachloride | 25.5 | 0.50 | ug/l | 25.0 | ND | 102 | 65-140 | | | |
| Chlorobenzene | 24.3 | 1.0 | ug/l | 25.0 | ND | 97 | 75-125 | | | |
| Chloroethane | 25.3 | 1.0 | ug/l | 25.0 | ND | 101 | 55-140 | | | |
| Chloroform | 24.1 | 1.0 | ug/l | 25.0 | ND | 97 | 65-135 | | | |
| Chloromethane | 25.0 | 1.0 | ug/l | 25.0 | ND | 100 | 45-145 | | | |
| 4-Chlorotoluene | 26.3 | 1.0 | ug/l | 25.0 | ND | 105 | 70-135 | | | |
| 2-Chlorotoluene | 25.9 | 1.0 | ug/l | 25.0 | ND | 104 | 65-135 | | | |

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Iris Environmental
1438 Webster Street, Suite 302
Oakland, CA 94612
Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2534

Sampled: 07/30/08
Received: 07/30/08

## METHOD BLANK/QC DATA

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: 8H01019 Extracted: 08/01/08** | | | | | | | | | | |
| **Matrix Spike Analyzed: 08/01/2008 (8H01019-MS1)** | | | | | **Source: IRG2534-05** | | | | | |
| 1,2-Dibromo-3-chloropropane | 25.7 | 5.0 | ug/l | 25.0 | ND | 103 | 45-145 | | | |
| Dibromochloromethane | 25.7 | 1.0 | ug/l | 25.0 | ND | 103 | 65-140 | | | |
| 1,2-Dibromoethane (EDB) | 23.1 | 1.0 | ug/l | 25.0 | ND | 93 | 70-130 | | | |
| Dibromomethane | 23.5 | 1.0 | ug/l | 25.0 | ND | 94 | 65-135 | | | |
| 1,2-Dichlorobenzene | 27.7 | 1.0 | ug/l | 25.0 | ND | 111 | 75-125 | | | |
| 1,3-Dichlorobenzene | 26.5 | 1.0 | ug/l | 25.0 | ND | 106 | 75-125 | | | |
| 1,4-Dichlorobenzene | 24.8 | 1.0 | ug/l | 25.0 | ND | 99 | 75-125 | | | |
| Dichlorodifluoromethane | 29.3 | 5.0 | ug/l | 25.0 | ND | 117 | 25-155 | | | |
| 1,1-Dichloroethane | 24.3 | 1.0 | ug/l | 25.0 | 0.730 | 94 | 65-130 | | | |
| -Dichloroethene | 24.0 | 1.0 | ug/l | 25.0 | 0.460 | 94 | 60-130 | | | |
| -1,2-Dichloroethene | 26.5 | 1.0 | ug/l | 25.0 | 1.18 | 101 | 65-130 | | | |
| trans-1,2-Dichloroethene | 22.0 | 1.0 | ug/l | 25.0 | ND | 88 | 65-130 | | | |
| 1,3-Dichloropropane | 23.1 | 1.0 | ug/l | 25.0 | ND | 93 | 65-135 | | | |
| 2,2-Dichloropropane | 26.6 | 1.0 | ug/l | 25.0 | ND | 106 | 60-145 | | | |
| 1,2-Dichloropropane | 22.4 | 1.0 | ug/l | 25.0 | ND | 90 | 65-130 | | | |
| cis-1,3-Dichloropropene | 24.6 | 0.50 | ug/l | 25.0 | ND | 98 | 70-130 | | | |
| trans-1,3-Dichloropropene | 19.0 | 0.50 | ug/l | 25.0 | ND | 76 | 65-135 | | | |
| 1,1-Dichloropropene | 24.6 | 1.0 | ug/l | 25.0 | ND | 98 | 70-135 | | | |
| Ethylbenzene | 25.9 | 1.0 | ug/l | 25.0 | ND | 104 | 65-130 | | | |
| 1,2-Dichloroethane | 22.7 | 0.50 | ug/l | 25.0 | 0.290 | 90 | 60-140 | | | |
| Hexachlorobutadiene | 27.0 | 1.0 | ug/l | 25.0 | ND | 108 | 60-135 | | | |
| Isopropylbenzene | 27.5 | 1.0 | ug/l | 25.0 | ND | 110 | 70-135 | | | |
| p-Isopropyltoluene | 28.2 | 1.0 | ug/l | 25.0 | ND | 113 | 65-130 | | | |
| Methylene chloride | 21.4 | 5.0 | ug/l | 25.0 | ND | 86 | 50-135 | | | |
| Naphthalene | 28.3 | 1.0 | ug/l | 25.0 | ND | 113 | 50-140 | | | |
| n-Propylbenzene | 28.8 | 1.0 | ug/l | 25.0 | ND | 115 | 70-135 | | | |
| Styrene | 22.5 | 1.0 | ug/l | 25.0 | ND | 90 | 50-145 | | | |
| 1,1,1,2-Tetrachloroethane | 23.2 | 1.0 | ug/l | 25.0 | ND | 93 | 65-140 | | | |
| 1,1,2,2-Tetrachloroethane | 23.9 | 1.0 | ug/l | 25.0 | ND | 96 | 55-135 | | | |
| Tetrachloroethene | 28.8 | 1.0 | ug/l | 25.0 | 4.48 | 97 | 65-130 | | | |
| Toluene | 26.2 | 1.0 | ug/l | 25.0 | ND | 105 | 70-125 | | | |
| 1,2,3-Trichlorobenzene | 26.9 | 1.0 | ug/l | 25.0 | 0.320 | 106 | 60-135 | | | |
| 1,2,4-Trichlorobenzene | 26.7 | 1.0 | ug/l | 25.0 | ND | 107 | 65-135 | | | |
| 1,1,1-Trichloroethane | 24.8 | 1.0 | ug/l | 25.0 | ND | 99 | 65-140 | | | |
| 1,1,2-Trichloroethane | 23.5 | 1.0 | ug/l | 25.0 | ND | 94 | 65-130 | | | |
| Trichloroethene | 30.2 | 1.0 | ug/l | 25.0 | 6.69 | 94 | 65-125 | | | |

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Iris Environmental
1438 Webster Street, Suite 302
Oakland, CA 94612
Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2534

Sampled: 07/30/08
Received: 07/30/08

## METHOD BLANK/QC DATA

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: 8H01019 Extracted: 08/01/08** | | | | | | | | | | |
| **Matrix Spike Analyzed: 08/01/2008 (8H01019-MS1)** | | | | | **Source: IRG2534-05** | | | | | |
| Trichlorofluoromethane | 25.2 | 1.0 | ug/l | 25.0 | ND | 101 | 60-145 | | | |
| 1,2,3-Trichloropropane | 23.9 | 1.0 | ug/l | 25.0 | ND | 96 | 55-135 | | | |
| 1,2,4-Trimethylbenzene | 27.9 | 1.0 | ug/l | 25.0 | ND | 112 | 55-135 | | | |
| 1,3,5-Trimethylbenzene | 27.8 | 1.0 | ug/l | 25.0 | ND | 111 | 70-130 | | | |
| Vinyl chloride | 27.8 | 0.50 | ug/l | 25.0 | ND | 111 | 45-140 | | | |
| m,p-Xylenes | 50.2 | 1.0 | ug/l | 50.0 | ND | 100 | 65-130 | | | |
| o-Xylene | 25.4 | 1.0 | ug/l | 25.0 | ND | 102 | 65-125 | | | |
| *Surrogate: 4-Bromofluorobenzene* | *22.0* | | *ug/l* | *25.0* | | *88* | *80-120* | | | |
| *Surrogate: Dibromofluoromethane* | *23.4* | | *ug/l* | *25.0* | | *93* | *80-120* | | | |
| *Surrogate: Toluene-d8* | *23.4* | | *ug/l* | *25.0* | | *93* | *80-120* | | | |
| **Matrix Spike Dup Analyzed: 08/01/2008 (8H01019-MSD1)** | | | | | **Source: IRG2534-05** | | | | | |
| Benzene | 25.2 | 0.50 | ug/l | 25.0 | ND | 101 | 65-125 | 1 | 20 | |
| Bromobenzene | 25.0 | 1.0 | ug/l | 25.0 | ND | 100 | 70-125 | 2 | 20 | |
| Bromochloromethane | 23.6 | 1.0 | ug/l | 25.0 | ND | 94 | 65-135 | 4 | 25 | |
| Bromodichloromethane | 25.3 | 1.0 | ug/l | 25.0 | ND | 101 | 70-135 | 3 | 20 | |
| Bromoform | 24.1 | 1.0 | ug/l | 25.0 | ND | 96 | 55-135 | 4 | 25 | |
| Bromomethane | 25.3 | 1.0 | ug/l | 25.0 | ND | 101 | 55-145 | 2 | 25 | |
| n-Butylbenzene | 27.5 | 1.0 | ug/l | 25.0 | ND | 110 | 65-135 | 3 | 20 | |
| tert-Butylbenzene | 25.2 | 1.0 | ug/l | 25.0 | ND | 101 | 65-130 | 10 | 20 | |
| sec-Butylbenzene | 28.6 | 1.0 | ug/l | 25.0 | ND | 114 | 70-125 | 1 | 20 | |
| Carbon tetrachloride | 25.0 | 0.50 | ug/l | 25.0 | ND | 100 | 65-140 | 2 | 25 | |
| Chlorobenzene | 24.2 | 1.0 | ug/l | 25.0 | ND | 97 | 75-125 | 1 | 20 | |
| Chloroethane | 26.3 | 1.0 | ug/l | 25.0 | ND | 105 | 55-140 | 4 | 25 | |
| Chloroform | 23.7 | 1.0 | ug/l | 25.0 | ND | 95 | 65-135 | 2 | 20 | |
| Chloromethane | 25.2 | 1.0 | ug/l | 25.0 | ND | 101 | 45-145 | 1 | 25 | |
| 4-Chlorotoluene | 25.7 | 1.0 | ug/l | 25.0 | ND | 103 | 70-135 | 2 | 20 | |
| 2-Chlorotoluene | 25.2 | 1.0 | ug/l | 25.0 | ND | 101 | 65-135 | 3 | 20 | |
| 1,2-Dibromo-3-chloropropane | 23.4 | 5.0 | ug/l | 25.0 | ND | 93 | 45-145 | 10 | 30 | |
| Dibromochloromethane | 26.1 | 1.0 | ug/l | 25.0 | ND | 104 | 65-140 | 1 | 25 | |
| 1,2-Dibromoethane (EDB) | 23.2 | 1.0 | ug/l | 25.0 | ND | 93 | 70-130 | 0 | 25 | |
| Dibromomethane | 24.7 | 1.0 | ug/l | 25.0 | ND | 99 | 65-135 | 5 | 25 | |
| 1,2-Dichlorobenzene | 26.7 | 1.0 | ug/l | 25.0 | ND | 107 | 75-125 | 4 | 20 | |
| 1,3-Dichlorobenzene | 25.5 | 1.0 | ug/l | 25.0 | ND | 102 | 75-125 | 4 | 20 | |
| 1,4-Dichlorobenzene | 25.1 | 1.0 | ug/l | 25.0 | ND | 100 | 75-125 | 1 | 20 | |
| Dichlorodifluoromethane | 29.2 | 5.0 | ug/l | 25.0 | ND | 117 | 25-155 | 0 | 30 | |

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Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2534

Sampled: 07/30/08
Received: 07/30/08

## METHOD BLANK/QC DATA

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: 8H01019 Extracted: 08/01/08** | | | | | | | | | | |
| **Matrix Spike Dup Analyzed: 08/01/2008 (8H01019-MSD1)** | | | | | **Source: IRG2534-05** | | | | | |
| 1,1-Dichloroethane | 24.0 | 1.0 | ug/l | 25.0 | 0.730 | 93 | 65-130 | 1 | 20 | |
| 1,1-Dichloroethene | 23.4 | 1.0 | ug/l | 25.0 | 0.460 | 92 | 60-130 | 3 | 20 | |
| cis-1,2-Dichloroethene | 27.4 | 1.0 | ug/l | 25.0 | 1.18 | 105 | 65-130 | 3 | 20 | |
| trans-1,2-Dichloroethene | 22.6 | 1.0 | ug/l | 25.0 | ND | 91 | 65-130 | 3 | 20 | |
| 1,3-Dichloropropane | 23.8 | 1.0 | ug/l | 25.0 | ND | 95 | 65-135 | 3 | 25 | |
| 2,2-Dichloropropane | 25.3 | 1.0 | ug/l | 25.0 | ND | 101 | 60-145 | 5 | 25 | |
| 1,2-Dichloropropane | 23.8 | 1.0 | ug/l | 25.0 | ND | 95 | 65-130 | 6 | 20 | |
| cis-1,3-Dichloropropene | 25.1 | 0.50 | ug/l | 25.0 | ND | 100 | 70-130 | 2 | 20 | |
| trans-1,3-Dichloropropene | 21.4 | 0.50 | ug/l | 25.0 | ND | 86 | 65-135 | 12 | 25 | |
| '-Dichloropropene | 24.7 | 1.0 | ug/l | 25.0 | ND | 99 | 70-135 | 1 | 20 | |
| thylbenzene | 25.6 | 1.0 | ug/l | 25.0 | ND | 102 | 65-130 | 1 | 20 | |
| 1,2-Dichloroethane | 23.6 | 0.50 | ug/l | 25.0 | 0.290 | 93 | 60-140 | 4 | 20 | |
| Hexachlorobutadiene | 25.1 | 1.0 | ug/l | 25.0 | ND | 100 | 60-135 | 7 | 20 | |
| Isopropylbenzene | 27.2 | 1.0 | ug/l | 25.0 | ND | 109 | 70-135 | 1 | 20 | |
| p-Isopropyltoluene | 27.0 | 1.0 | ug/l | 25.0 | ND | 108 | 65-130 | 4 | 20 | |
| Methylene chloride | 23.0 | 5.0 | ug/l | 25.0 | ND | 92 | 50-135 | 7 | 20 | |
| Naphthalene | 27.4 | 1.0 | ug/l | 25.0 | ND | 110 | 50-140 | 3 | 30 | |
| n-Propylbenzene | 27.5 | 1.0 | ug/l | 25.0 | ND | 110 | 70-135 | 4 | 20 | |
| Styrene | 20.0 | 1.0 | ug/l | 25.0 | ND | 80 | 50-145 | 12 | 30 | |
| 1,1,1,2-Tetrachloroethane | 23.8 | 1.0 | ug/l | 25.0 | ND | 95 | 65-140 | 3 | 20 | |
| 1,1,2,2-Tetrachloroethane | 25.7 | 1.0 | ug/l | 25.0 | ND | 103 | 55-135 | 7 | 30 | |
| Tetrachloroethene | 28.3 | 1.0 | ug/l | 25.0 | 4.48 | 95 | 65-130 | 2 | 20 | |
| Toluene | 26.9 | 1.0 | ug/l | 25.0 | ND | 107 | 70-125 | 2 | 20 | |
| 1,2,3-Trichlorobenzene | 26.8 | 1.0 | ug/l | 25.0 | 0.320 | 106 | 60-135 | 0 | 20 | |
| 1,2,4-Trichlorobenzene | 27.3 | 1.0 | ug/l | 25.0 | ND | 109 | 65-135 | 2 | 20 | |
| 1,1,1-Trichloroethane | 24.8 | 1.0 | ug/l | 25.0 | ND | 99 | 65-140 | 0 | 20 | |
| 1,1,2-Trichloroethane | 24.8 | 1.0 | ug/l | 25.0 | ND | 99 | 65-130 | 5 | 25 | |
| Trichloroethene | 31.0 | 1.0 | ug/l | 25.0 | 6.69 | 97 | 65-125 | 3 | 20 | |
| Trichlorofluoromethane | 25.4 | 1.0 | ug/l | 25.0 | ND | 101 | 60-145 | 1 | 25 | |
| 1,2,3-Trichloropropane | 24.6 | 1.0 | ug/l | 25.0 | ND | 99 | 55-135 | 3 | 30 | |
| 1,2,4-Trimethylbenzene | 27.0 | 1.0 | ug/l | 25.0 | ND | 108 | 55-135 | 3 | 25 | |
| 1,3,5-Trimethylbenzene | 27.2 | 1.0 | ug/l | 25.0 | ND | 109 | 70-130 | 2 | 20 | |
| Vinyl chloride | 28.3 | 0.50 | ug/l | 25.0 | ND | 113 | 45-140 | 2 | 30 | |
| m,p-Xylenes | 51.5 | 1.0 | ug/l | 50.0 | ND | 103 | 65-130 | 3 | 25 | |
| o-Xylene | 26.2 | 1.0 | ug/l | 25.0 | ND | 105 | 65-125 | 3 | 20 | |
| *Surrogate: 4-Bromofluorobenzene* | *23.2* | | *ug/l* | *25.0* | | *93* | *80-120* | | | |

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THE LEADER IN ENVIRONMENTAL TESTING
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Iris Environmental
1438 Webster Street, Suite 302
Oakland, CA 94612
Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2534

Sampled: 07/30/08
Received: 07/30/08

## METHOD BLANK/QC DATA

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: 8H01019 Extracted: 08/01/08** | | | | | | | | | | |
| **Matrix Spike Dup Analyzed: 08/01/2008 (8H01019-MSD1)** | | | | | **Source: IRG2534-05** | | | | | |
| *Surrogate: Dibromofluoromethane* | *22.5* | | *ug/l* | *25.0* | | *90* | *80-120* | | | |
| *Surrogate: Toluene-d8* | *24.2* | | *ug/l* | *25.0* | | *97* | *80-120* | | | |
| **Batch: 8H02019 Extracted: 08/02/08** | | | | | | | | | | |
| **Blank Analyzed: 08/02/2008 (8H02019-BLK1)** | | | | | | | | | | |
| Benzene | ND | 0.50 | ug/l | | | | | | | |
| Bromobenzene | ND | 1.0 | ug/l | | | | | | | |
| Bromochloromethane | ND | 1.0 | ug/l | | | | | | | |
| Bromodichloromethane | ND | 1.0 | ug/l | | | | | | | |
| Bromoform | ND | 1.0 | ug/l | | | | | | | |
| Bromomethane | ND | 1.0 | ug/l | | | | | | | |
| n-Butylbenzene | ND | 1.0 | ug/l | | | | | | | |
| tert-Butylbenzene | ND | 1.0 | ug/l | | | | | | | |
| sec-Butylbenzene | ND | 1.0 | ug/l | | | | | | | |
| Carbon tetrachloride | ND | 0.50 | ug/l | | | | | | | |
| Chlorobenzene | ND | 1.0 | ug/l | | | | | | | |
| Chloroethane | ND | 1.0 | ug/l | | | | | | | |
| Chloroform | ND | 1.0 | ug/l | | | | | | | |
| Chloromethane | ND | 1.0 | ug/l | | | | | | | |
| 4-Chlorotoluene | ND | 1.0 | ug/l | | | | | | | |
| 2-Chlorotoluene | ND | 1.0 | ug/l | | | | | | | |
| 1,2-Dibromo-3-chloropropane | ND | 5.0 | ug/l | | | | | | | |
| Dibromochloromethane | ND | 1.0 | ug/l | | | | | | | |
| 1,2-Dibromoethane (EDB) | ND | 1.0 | ug/l | | | | | | | |
| Dibromomethane | ND | 1.0 | ug/l | | | | | | | |
| 1,2-Dichlorobenzene | ND | 1.0 | ug/l | | | | | | | |
| 1,3-Dichlorobenzene | ND | 1.0 | ug/l | | | | | | | |
| 1,4-Dichlorobenzene | ND | 1.0 | ug/l | | | | | | | |
| Dichlorodifluoromethane | ND | 5.0 | ug/l | | | | | | | |
| 1,1-Dichloroethane | ND | 1.0 | ug/l | | | | | | | |
| 1,1-Dichloroethene | ND | 1.0 | ug/l | | | | | | | |
| cis-1,2-Dichloroethene | ND | 1.0 | ug/l | | | | | | | |
| trans-1,2-Dichloroethene | ND | 1.0 | ug/l | | | | | | | |
| 1,3-Dichloropropane | ND | 1.0 | ug/l | | | | | | | |
| 2,2-Dichloropropane | ND | 1.0 | ug/l | | | | | | | |

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Sushmitha Reddy For Patty Mata
Project Manager

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Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2534

Sampled: 07/30/08
Received: 07/30/08

## METHOD BLANK/QC DATA

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: 8H02019 Extracted: 08/02/08** | | | | | | | | | | |
| **Blank Analyzed: 08/02/2008 (8H02019-BLK1)** | | | | | | | | | | |
| 1,2-Dichloropropane | ND | 1.0 | ug/l | | | | | | | |
| cis-1,3-Dichloropropene | ND | 0.50 | ug/l | | | | | | | |
| trans-1,3-Dichloropropene | ND | 0.50 | ug/l | | | | | | | |
| 1,1-Dichloropropene | ND | 1.0 | ug/l | | | | | | | |
| Ethylbenzene | ND | 1.0 | ug/l | | | | | | | |
| 1,2-Dichloroethane | ND | 0.50 | ug/l | | | | | | | |
| Hexachlorobutadiene | ND | 1.0 | ug/l | | | | | | | |
| Isopropylbenzene | ND | 1.0 | ug/l | | | | | | | |
| p-Isopropyltoluene | ND | 1.0 | ug/l | | | | | | | |
| thylene chloride | ND | 5.0 | ug/l | | | | | | | |
| phthalene | ND | 1.0 | ug/l | | | | | | | |
| n-Propylbenzene | ND | 1.0 | ug/l | | | | | | | |
| Styrene | ND | 1.0 | ug/l | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | ug/l | | | | | | | |
| I,1,2,2-Tetrachloroethane | ND | 1.0 | ug/l | | | | | | | |
| Tetrachloroethene | ND | 1.0 | ug/l | | | | | | | |
| Toluene | ND | 1.0 | ug/l | | | | | | | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | ug/l | | | | | | | |
| 1,2,4-Trichlorobenzene | ND | 1.0 | ug/l | | | | | | | |
| 1,1,1-Trichloroethane | ND | 1.0 | ug/l | | | | | | | |
| 1,1,2-Trichloroethane | ND | 1.0 | ug/l | | | | | | | |
| Trichloroethene | ND | 1.0 | ug/l | | | | | | | |
| Trichlorofluoromethane | ND | 1.0 | ug/l | | | | | | | |
| 1,2,3-Trichloropropane | ND | 1.0 | ug/l | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | 1.0 | ug/l | | | | | | | |
| 1,3,5-Trimethylbenzene | ND | 1.0 | ug/l | | | | | | | |
| Vinyl chloride | ND | 0.50 | ug/l | | | | | | | |
| m,p-Xylenes | ND | 1.0 | ug/l | | | | | | | |
| o-Xylene | ND | 1.0 | ug/l | | | | | | | |
| *Surrogate: 4-Bromofluorobenzene* | *20.8* | | *ug/l* | *25.0* | | *83* | *80-120* | | | |
| *Surrogate: Dibromofluoromethane* | *22.8* | | *ug/l* | *25.0* | | *91* | *80-120* | | | |
| *Surrogate: Toluene-d8* | *22.9* | | *ug/l* | *25.0* | | *91* | *80-120* | | | |

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Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2534

Sampled: 07/30/08
Received: 07/30/08

## METHOD BLANK/QC DATA

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: 8H02019 Extracted: 08/02/08** | | | | | | | | | | |
| **LCS Analyzed: 08/02/2008 (8H02019-BS1)** | | | | | | | | | | |
| Benzene | 24.4 | 0.50 | ug/l | 25.0 | | 98 | 70-120 | | | |
| Bromobenzene | 25.0 | 1.0 | ug/l | 25.0 | | 100 | 75-120 | | | |
| Bromochloromethane | 24.0 | 1.0 | ug/l | 25.0 | | 96 | 70-130 | | | |
| Bromodichloromethane | 24.6 | 1.0 | ug/l | 25.0 | | 98 | 70-135 | | | |
| Bromoform | 22.6 | 1.0 | ug/l | 25.0 | | 90 | 55-130 | | | |
| Bromomethane | 27.2 | 1.0 | ug/l | 25.0 | | 109 | 65-140 | | | |
| n-Butylbenzene | 27.2 | 1.0 | ug/l | 25.0 | | 109 | 70-130 | | | |
| tert-Butylbenzene | 26.4 | 1.0 | ug/l | 25.0 | | 106 | 70-125 | | | |
| sec-Butylbenzene | 27.7 | 1.0 | ug/l | 25.0 | | 111 | 70-125 | | | |
| bon tetrachloride | 24.7 | 0.50 | ug/l | 25.0 | | 99 | 65-140 | | | |
| hlorobenzene | 23.6 | 1.0 | ug/l | 25.0 | | 94 | 75-120 | | | |
| Chloroethane | 27.0 | 1.0 | ug/l | 25.0 | | 108 | 60-140 | | | |
| Chloroform | 24.0 | 1.0 | ug/l | 25.0 | | 96 | 70-130 | | | |
| Chloromethane | 26.0 | 1.0 | ug/l | 25.0 | | 104 | 50-140 | | | |
| 4-Chlorotoluene | 25.5 | 1.0 | ug/l | 25.0 | | 102 | 75-125 | | | |
| 2-Chlorotoluene | 25.1 | 1.0 | ug/l | 25.0 | | 100 | 70-125 | | | |
| 1,2-Dibromo-3-chloropropane | 23.1 | 5.0 | ug/l | 25.0 | | 92 | 50-135 | | | |
| Dibromochloromethane | 25.2 | 1.0 | ug/l | 25.0 | | 101 | 70-140 | | | |
| 1,2-Dibromoethane (EDB) | 22.9 | 1.0 | ug/l | 25.0 | | 92 | 75-125 | | | |
| Dibromomethane | 24.8 | 1.0 | ug/l | 25.0 | | 99 | 70-125 | | | |
| 1,2-Dichlorobenzene | 25.9 | 1.0 | ug/l | 25.0 | | 104 | 75-120 | | | |
| 1,3-Dichlorobenzene | 23.1 | 1.0 | ug/l | 25.0 | | 92 | 75-120 | | | |
| 1,4-Dichlorobenzene | 24.6 | 1.0 | ug/l | 25.0 | | 98 | 75-120 | | | |
| Dichlorodifluoromethane | 27.6 | 5.0 | ug/l | 25.0 | | 110 | 35-155 | | | |
| 1,1-Dichloroethane | 24.0 | 1.0 | ug/l | 25.0 | | 96 | 70-125 | | | |
| 1,1-Dichloroethene | 23.2 | 1.0 | ug/l | 25.0 | | 93 | 70-125 | | | |
| cis-1,2-Dichloroethene | 25.0 | 1.0 | ug/l | 25.0 | | 100 | 70-125 | | | |
| trans-1,2-Dichloroethene | 23.6 | 1.0 | ug/l | 25.0 | | 95 | 70-125 | | | |
| 1,3-Dichloropropane | 23.8 | 1.0 | ug/l | 25.0 | | 95 | 70-120 | | | |
| 2,2-Dichloropropane | 28.1 | 1.0 | ug/l | 25.0 | | 112 | 65-140 | | | |
| 1,2-Dichloropropane | 23.2 | 1.0 | ug/l | 25.0 | | 93 | 70-125 | | | |
| cis-1,3-Dichloropropene | 24.7 | 0.50 | ug/l | 25.0 | | 99 | 75-125 | | | |
| trans-1,3-Dichloropropene | 20.2 | 0.50 | ug/l | 25.0 | | 81 | 70-125 | | | |
| 1,1-Dichloropropene | 24.8 | 1.0 | ug/l | 25.0 | | 99 | 75-130 | | | |
| Ethylbenzene | 26.1 | 1.0 | ug/l | 25.0 | | 104 | 75-125 | | | |
| 1,2-Dichloroethane | 22.6 | 0.50 | ug/l | 25.0 | | 91 | 60-140 | | | |

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Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2534

Sampled: 07/30/08
Received: 07/30/08

## METHOD BLANK/QC DATA

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: 8H02019 Extracted: 08/02/08** | | | | | | | | | | |
| **LCS Analyzed: 08/02/2008 (8H02019-BS1)** | | | | | | | | | | |
| Hexachlorobutadiene | 25.9 | 1.0 | ug/l | 25.0 | | 104 | 65-135 | | | |
| Isopropylbenzene | 26.9 | 1.0 | ug/l | 25.0 | | 108 | 75-130 | | | |
| p-Isopropyltoluene | 27.0 | 1.0 | ug/l | 25.0 | | 108 | 75-125 | | | |
| Methylene chloride | 23.8 | 5.0 | ug/l | 25.0 | | 95 | 55-130 | | | |
| Naphthalene | 26.1 | 1.0 | ug/l | 25.0 | | 104 | 55-135 | | | |
| n-Propylbenzene | 27.5 | 1.0 | ug/l | 25.0 | | 110 | 75-130 | | | |
| Styrene | 23.4 | 1.0 | ug/l | 25.0 | | 94 | 75-130 | | | |
| 1,1,1,2-Tetrachloroethane | 24.0 | 1.0 | ug/l | 25.0 | | 96 | 70-130 | | | |
| 1,1,2,2-Tetrachloroethane | 22.8 | 1.0 | ug/l | 25.0 | | 91 | 55-130 | | | |
| rachloroethene | 23.9 | 1.0 | ug/l | 25.0 | | 96 | 70-125 | | | |
| oluene | 26.8 | 1.0 | ug/l | 25.0 | | 107 | 70-120 | | | |
| 1,2,3-Trichlorobenzene | 24.2 | 1.0 | ug/l | 25.0 | | 97 | 65-125 | | | |
| 1,2,4-Trichlorobenzene | 25.6 | 1.0 | ug/l | 25.0 | | 102 | 70-135 | | | |
| 1,1,1-Trichloroethane | 24.7 | 1.0 | ug/l | 25.0 | | 99 | 65-135 | | | |
| 1,1,2-Trichloroethane | 22.6 | 1.0 | ug/l | 25.0 | | 90 | 70-125 | | | |
| Trichloroethene | 24.0 | 1.0 | ug/l | 25.0 | | 96 | 70-125 | | | |
| Trichlorofluoromethane | 25.9 | 1.0 | ug/l | 25.0 | | 104 | 65-145 | | | |
| 1,2,3-Trichloropropane | 22.0 | 1.0 | ug/l | 25.0 | | 88 | 60-130 | | | |
| 1,2,4-Trimethylbenzene | 28.0 | 1.0 | ug/l | 25.0 | | 112 | 75-125 | | | |
| 1,3,5-Trimethylbenzene | 27.0 | 1.0 | ug/l | 25.0 | | 108 | 75-125 | | | |
| Vinyl chloride | 28.1 | 0.50 | ug/l | 25.0 | | 113 | 55-135 | | | |
| m,p-Xylenes | 51.6 | 1.0 | ug/l | 50.0 | | 103 | 75-125 | | | |
| o-Xylene | 26.2 | 1.0 | ug/l | 25.0 | | 105 | 75-125 | | | |
| *Surrogate: 4-Bromofluorobenzene* | *22.4* | | *ug/l* | *25.0* | | *90* | *80-120* | | | |
| *Surrogate: Dibromofluoromethane* | *23.1* | | *ug/l* | *25.0* | | *92* | *80-120* | | | |
| *Surrogate: Toluene-d8* | *23.3* | | *ug/l* | *25.0* | | *93* | *80-120* | | | |
| **Matrix Spike Analyzed: 08/02/2008 (8H02019-MS1)** | | | | | **Source: IRG2607-01** | | | | | |
| Benzene | 25.7 | 0.50 | ug/l | 25.0 | ND | 103 | 65-125 | | | |
| Bromobenzene | 24.3 | 1.0 | ug/l | 25.0 | ND | 97 | 70-125 | | | |
| Bromochloromethane | 24.0 | 1.0 | ug/l | 25.0 | ND | 96 | 65-135 | | | |
| Bromodichloromethane | 24.4 | 1.0 | ug/l | 25.0 | ND | 98 | 70-135 | | | |
| Bromoform | 22.9 | 1.0 | ug/l | 25.0 | ND | 92 | 55-135 | | | |
| Bromomethane | 25.7 | 1.0 | ug/l | 25.0 | ND | 103 | 55-145 | | | |
| n-Butylbenzene | 27.3 | 1.0 | ug/l | 25.0 | ND | 109 | 65-135 | | | |
| tert-Butylbenzene | 26.2 | 1.0 | ug/l | 25.0 | ND | 105 | 65-130 | | | |

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Project Manager

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Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2534

Sampled: 07/30/08
Received: 07/30/08

## METHOD BLANK/QC DATA

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: 8H02019 Extracted: 08/02/08** | | | | | | | | | | |
| **Matrix Spike Analyzed: 08/02/2008 (8H02019-MS1)** | | | | | **Source: IRG2607-01** | | | | | |
| sec-Butylbenzene | 27.3 | 1.0 | ug/l | 25.0 | ND | 109 | 70-125 | | | |
| Carbon tetrachloride | 24.9 | 0.50 | ug/l | 25.0 | ND | 100 | 65-140 | | | |
| Chlorobenzene | 24.6 | 1.0 | ug/l | 25.0 | ND | 99 | 75-125 | | | |
| Chloroethane | 25.4 | 1.0 | ug/l | 25.0 | ND | 102 | 55-140 | | | |
| Chloroform | 23.9 | 1.0 | ug/l | 25.0 | ND | 96 | 65-135 | | | |
| Chloromethane | 25.7 | 1.0 | ug/l | 25.0 | ND | 103 | 45-145 | | | |
| 4-Chlorotoluene | 26.2 | 1.0 | ug/l | 25.0 | ND | 105 | 70-135 | | | |
| 2-Chlorotoluene | 25.0 | 1.0 | ug/l | 25.0 | ND | 100 | 65-135 | | | |
| 1,2-Dibromo-3-chloropropane | 23.1 | 5.0 | ug/l | 25.0 | ND | 92 | 45-145 | | | |
| Bromochloromethane | 25.3 | 1.0 | ug/l | 25.0 | ND | 101 | 65-140 | | | |
| 1,2-Dibromoethane (EDB) | 23.9 | 1.0 | ug/l | 25.0 | ND | 96 | 70-130 | | | |
| Dibromomethane | 24.7 | 1.0 | ug/l | 25.0 | ND | 99 | 65-135 | | | |
| 1,2-Dichlorobenzene | 24.6 | 1.0 | ug/l | 25.0 | ND | 99 | 75-125 | | | |
| 1,3-Dichlorobenzene | 24.5 | 1.0 | ug/l | 25.0 | ND | 98 | 75-125 | | | |
| 1,4-Dichlorobenzene | 23.7 | 1.0 | ug/l | 25.0 | ND | 95 | 75-125 | | | |
| Dichlorodifluoromethane | 28.0 | 5.0 | ug/l | 25.0 | ND | 112 | 25-155 | | | |
| 1,1-Dichloroethane | 23.8 | 1.0 | ug/l | 25.0 | ND | 95 | 65-130 | | | |
| 1,1-Dichloroethene | 23.7 | 1.0 | ug/l | 25.0 | ND | 95 | 60-130 | | | |
| cis-1,2-Dichloroethene | 25.5 | 1.0 | ug/l | 25.0 | ND | 102 | 65-130 | | | |
| trans-1,2-Dichloroethene | 24.7 | 1.0 | ug/l | 25.0 | ND | 99 | 65-130 | | | |
| 1,3-Dichloropropane | 23.9 | 1.0 | ug/l | 25.0 | ND | 95 | 65-135 | | | |
| 2,2-Dichloropropane | 28.2 | 1.0 | ug/l | 25.0 | ND | 113 | 60-145 | | | |
| 1,2-Dichloropropane | 23.7 | 1.0 | ug/l | 25.0 | ND | 95 | 65-130 | | | |
| cis-1,3-Dichloropropene | 24.5 | 0.50 | ug/l | 25.0 | ND | 98 | 70-130 | | | |
| trans-1,3-Dichloropropene | 20.6 | 0.50 | ug/l | 25.0 | ND | 82 | 65-135 | | | |
| 1,1-Dichloropropene | 25.0 | 1.0 | ug/l | 25.0 | ND | 100 | 70-135 | | | |
| Ethylbenzene | 26.6 | 1.0 | ug/l | 25.0 | ND | 106 | 65-130 | | | |
| 1,2-Dichloroethane | 23.0 | 0.50 | ug/l | 25.0 | ND | 92 | 60-140 | | | |
| Hexachlorobutadiene | 25.0 | 1.0 | ug/l | 25.0 | ND | 100 | 60-135 | | | |
| Isopropylbenzene | 26.0 | 1.0 | ug/l | 25.0 | ND | 104 | 70-135 | | | |
| p-Isopropyltoluene | 26.9 | 1.0 | ug/l | 25.0 | ND | 107 | 65-130 | | | |
| Methylene chloride | 24.3 | 5.0 | ug/l | 25.0 | ND | 97 | 50-135 | | | |
| Naphthalene | 26.4 | 1.0 | ug/l | 25.0 | ND | 106 | 50-140 | | | |
| n-Propylbenzene | 27.8 | 1.0 | ug/l | 25.0 | ND | 111 | 70-135 | | | |
| Styrene | 22.9 | 1.0 | ug/l | 25.0 | ND | 92 | 50-145 | | | |
| 1,1,1,2-Tetrachloroethane | 23.1 | 1.0 | ug/l | 25.0 | ND | 92 | 65-140 | | | |

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Report Number: IRG2534

Sampled: 07/30/08
Received: 07/30/08

## METHOD BLANK/QC DATA

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: 8H02019 Extracted: 08/02/08** | | | | | | | | | | |
| **Matrix Spike Analyzed: 08/02/2008 (8H02019-MS1)** | | | | | **Source: IRG2607-01** | | | | | |
| 1,1,2,2-Tetrachloroethane | 23.6 | 1.0 | ug/l | 25.0 | ND | 94 | 55-135 | | | |
| Tetrachloroethene | 23.5 | 1.0 | ug/l | 25.0 | ND | 94 | 65-130 | | | |
| Toluene | 26.9 | 1.0 | ug/l | 25.0 | ND | 108 | 70-125 | | | |
| 1,2,3-Trichlorobenzene | 25.1 | 1.0 | ug/l | 25.0 | ND | 100 | 60-135 | | | |
| 1,2,4-Trichlorobenzene | 25.8 | 1.0 | ug/l | 25.0 | ND | 103 | 65-135 | | | |
| 1,1,1-Trichloroethane | 24.6 | 1.0 | ug/l | 25.0 | ND | 98 | 65-140 | | | |
| 1,1,2-Trichloroethane | 23.9 | 1.0 | ug/l | 25.0 | ND | 95 | 65-130 | | | |
| Trichloroethene | 24.5 | 1.0 | ug/l | 25.0 | ND | 98 | 65-125 | | | |
| Trichlorofluoromethane | 26.1 | 1.0 | ug/l | 25.0 | ND | 104 | 60-145 | | | |
| `,3-Trichloropropane | 23.8 | 1.0 | ug/l | 25.0 | ND | 95 | 55-135 | | | |
| ,2,4-Trimethylbenzene | 26.7 | 1.0 | ug/l | 25.0 | ND | 107 | 55-135 | | | |
| 1,3,5-Trimethylbenzene | 26.3 | 1.0 | ug/l | 25.0 | ND | 105 | 70-130 | | | |
| Vinyl chloride | 27.6 | 0.50 | ug/l | 25.0 | ND | 110 | 45-140 | | | |
| m,p-Xylenes | 53.5 | 1.0 | ug/l | 50.0 | ND | 107 | 65-130 | | | |
| o-Xylene | 26.2 | 1.0 | ug/l | 25.0 | ND | 105 | 65-125 | | | |
| *Surrogate: 4-Bromofluorobenzene* | *23.4* | | *ug/l* | *25.0* | | *93* | *80-120* | | | |
| *Surrogate: Dibromofluoromethane* | *22.0* | | *ug/l* | *25.0* | | *88* | *80-120* | | | |
| *Surrogate: Toluene-d8* | *23.4* | | *ug/l* | *25.0* | | *94* | *80-120* | | | |
| **Matrix Spike Dup Analyzed: 08/02/2008 (8H02019-MSD1)** | | | | | **Source: IRG2607-01** | | | | | |
| Benzene | 26.2 | 0.50 | ug/l | 25.0 | ND | 105 | 65-125 | 2 | 20 | |
| Bromobenzene | 27.0 | 1.0 | ug/l | 25.0 | ND | 108 | 70-125 | 10 | 20 | |
| Bromochloromethane | 25.8 | 1.0 | ug/l | 25.0 | ND | 103 | 65-135 | 7 | 25 | |
| Bromodichloromethane | 25.3 | 1.0 | ug/l | 25.0 | ND | 101 | 70-135 | 4 | 20 | |
| Bromoform | 23.1 | 1.0 | ug/l | 25.0 | ND | 92 | 55-135 | 1 | 25 | |
| Bromomethane | 28.0 | 1.0 | ug/l | 25.0 | ND | 112 | 55-145 | 9 | 25 | |
| n-Butylbenzene | 29.7 | 1.0 | ug/l | 25.0 | ND | 119 | 65-135 | 8 | 20 | |
| tert-Butylbenzene | 28.2 | 1.0 | ug/l | 25.0 | ND | 113 | 65-130 | 7 | 20 | |
| sec-Butylbenzene | 29.8 | 1.0 | ug/l | 25.0 | ND | 119 | 70-125 | 9 | 20 | |
| Carbon tetrachloride | 24.9 | 0.50 | ug/l | 25.0 | ND | 100 | 65-140 | 0 | 25 | |
| Chlorobenzene | 24.0 | 1.0 | ug/l | 25.0 | ND | 96 | 75-125 | 3 | 20 | |
| Chloroethane | 28.0 | 1.0 | ug/l | 25.0 | ND | 112 | 55-140 | 10 | 25 | |
| Chloroform | 24.1 | 1.0 | ug/l | 25.0 | ND | 96 | 65-135 | 1 | 20 | |
| Chloromethane | 27.7 | 1.0 | ug/l | 25.0 | ND | 111 | 45-145 | 8 | 25 | |
| 4-Chlorotoluene | 28.7 | 1.0 | ug/l | 25.0 | ND | 115 | 70-135 | 9 | 20 | |
| 2-Chlorotoluene | 27.6 | 1.0 | ug/l | 25.0 | ND | 110 | 65-135 | 10 | 20 | |

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Sushmitha Reddy For Patty Mata
Project Manager

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Iris Environmental
1438 Webster Street, Suite 302
Oakland, CA 94612
Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2534

Sampled: 07/30/08
Received: 07/30/08

## METHOD BLANK/QC DATA

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: 8H02019 Extracted: 08/02/08** | | | | | | | | | | |
| **Matrix Spike Dup Analyzed: 08/02/2008 (8H02019-MSD1)** | | | | | **Source: IRG2607-01** | | | | | |
| 1,2-Dibromo-3-chloropropane | 25.1 | 5.0 | ug/l | 25.0 | ND | 101 | 45-145 | 9 | 30 | |
| Dibromochloromethane | 26.0 | 1.0 | ug/l | 25.0 | ND | 104 | 65-140 | 3 | 25 | |
| 1,2-Dibromoethane (EDB) | 23.7 | 1.0 | ug/l | 25.0 | ND | 95 | 70-130 | 1 | 25 | |
| Dibromomethane | 25.5 | 1.0 | ug/l | 25.0 | ND | 102 | 65-135 | 3 | 25 | |
| 1,2-Dichlorobenzene | 28.5 | 1.0 | ug/l | 25.0 | ND | 114 | 75-125 | 15 | 20 | |
| 1,3-Dichlorobenzene | 27.0 | 1.0 | ug/l | 25.0 | ND | 108 | 75-125 | 10 | 20 | |
| 1,4-Dichlorobenzene | 26.2 | 1.0 | ug/l | 25.0 | ND | 105 | 75-125 | 10 | 20 | |
| Dichlorodifluoromethane | 29.2 | 5.0 | ug/l | 25.0 | ND | 117 | 25-155 | 4 | 30 | |
| 1,1-Dichloroethane | 24.8 | 1.0 | ug/l | 25.0 | ND | 99 | 65-130 | 4 | 20 | |
| -Dichloroethene | 24.0 | 1.0 | ug/l | 25.0 | ND | 96 | 60-130 | 1 | 20 | |
| s-1,2-Dichloroethene | 26.5 | 1.0 | ug/l | 25.0 | ND | 106 | 65-130 | 4 | 20 | |
| trans-1,2-Dichloroethene | 28.4 | 1.0 | ug/l | 25.0 | ND | 114 | 65-130 | 14 | 20 | |
| 1,3-Dichloropropane | 24.0 | 1.0 | ug/l | 25.0 | ND | 96 | 65-135 | 1 | 25 | |
| 2,2-Dichloropropane | 29.6 | 1.0 | ug/l | 25.0 | ND | 118 | 60-145 | 5 | 25 | |
| 1,2-Dichloropropane | 24.4 | 1.0 | ug/l | 25.0 | ND | 98 | 65-130 | 3 | 20 | |
| cis-1,3-Dichloropropene | 25.2 | 0.50 | ug/l | 25.0 | ND | 101 | 70-130 | 3 | 20 | |
| trans-1,3-Dichloropropene | 21.9 | 0.50 | ug/l | 25.0 | ND | 88 | 65-135 | 6 | 25 | |
| 1,1-Dichloropropene | 25.9 | 1.0 | ug/l | 25.0 | ND | 104 | 70-135 | 3 | 20 | |
| Ethylbenzene | 26.3 | 1.0 | ug/l | 25.0 | ND | 105 | 65-130 | 1 | 20 | |
| 1,2-Dichloroethane | 23.8 | 0.50 | ug/l | 25.0 | ND | 95 | 60-140 | 4 | 20 | |
| Hexachlorobutadiene | 26.0 | 1.0 | ug/l | 25.0 | ND | 104 | 60-135 | 4 | 20 | |
| Isopropylbenzene | 28.0 | 1.0 | ug/l | 25.0 | ND | 112 | 70-135 | 7 | 20 | |
| p-Isopropyltoluene | 29.0 | 1.0 | ug/l | 25.0 | ND | 116 | 65-130 | 8 | 20 | |
| Methylene chloride | 25.2 | 5.0 | ug/l | 25.0 | ND | 101 | 50-135 | 3 | 20 | |
| Naphthalene | 28.1 | 1.0 | ug/l | 25.0 | ND | 112 | 50-140 | 6 | 30 | |
| n-Propylbenzene | 29.9 | 1.0 | ug/l | 25.0 | ND | 120 | 70-135 | 7 | 20 | |
| Styrene | 23.4 | 1.0 | ug/l | 25.0 | ND | 93 | 50-145 | 2 | 30 | |
| 1,1,1,2-Tetrachloroethane | 23.5 | 1.0 | ug/l | 25.0 | ND | 94 | 65-140 | 2 | 20 | |
| 1,1,2,2-Tetrachloroethane | 26.4 | 1.0 | ug/l | 25.0 | ND | 105 | 55-135 | 11 | 30 | |
| Tetrachloroethene | 24.2 | 1.0 | ug/l | 25.0 | ND | 97 | 65-130 | 3 | 20 | |
| Toluene | 27.7 | 1.0 | ug/l | 25.0 | ND | 111 | 70-125 | 3 | 20 | |
| 1,2,3-Trichlorobenzene | 26.7 | 1.0 | ug/l | 25.0 | ND | 107 | 60-135 | 6 | 20 | |
| 1,2,4-Trichlorobenzene | 27.8 | 1.0 | ug/l | 25.0 | ND | 111 | 65-135 | 7 | 20 | |
| 1,1,1-Trichloroethane | 25.6 | 1.0 | ug/l | 25.0 | ND | 103 | 65-140 | 4 | 20 | |
| 1,1,2-Trichloroethane | 25.2 | 1.0 | ug/l | 25.0 | ND | 101 | 65-130 | 5 | 25 | |
| Trichloroethene | 24.9 | 1.0 | ug/l | 25.0 | ND | 100 | 65-125 | 2 | 20 | |

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Sushmitha Reddy For Patty Mata
Project Manager

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Iris Environmental
1438 Webster Street, Suite 302
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Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2534

Sampled: 07/30/08
Received: 07/30/08

## METHOD BLANK/QC DATA

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: 8H02019 Extracted: 08/02/08** | | | | | | | | | | |
| **Matrix Spike Dup Analyzed: 08/02/2008 (8H02019-MSD1)** | | | | | **Source: IRG2607-01** | | | | | |
| Trichlorofluoromethane | 27.0 | 1.0 | ug/l | 25.0 | ND | 108 | 60-145 | 4 | 25 | |
| 1,2,3-Trichloropropane | 24.9 | 1.0 | ug/l | 25.0 | ND | 99 | 55-135 | 5 | 30 | |
| 1,2,4-Trimethylbenzene | 29.6 | 1.0 | ug/l | 25.0 | ND | 118 | 55-135 | 10 | 25 | |
| 1,3,5-Trimethylbenzene | 29.5 | 1.0 | ug/l | 25.0 | ND | 118 | 70-130 | 11 | 20 | |
| Vinyl chloride | 29.9 | 0.50 | ug/l | 25.0 | ND | 120 | 45-140 | 8 | 30 | |
| m,p-Xylenes | 52.9 | 1.0 | ug/l | 50.0 | ND | 106 | 65-130 | 1 | 25 | |
| o-Xylene | 26.3 | 1.0 | ug/l | 25.0 | ND | 105 | 65-125 | 0 | 20 | |
| *Surrogate: 4-Bromofluorobenzene* | *22.3* | | *ug/l* | *25.0* | | *89* | *80-120* | | | |
| *Surrogate: Dibromofluoromethane* | *23.3* | | *ug/l* | *25.0* | | *93* | *80-120* | | | |
| *Surrogate: Toluene-d8* | *23.8* | | *ug/l* | *25.0* | | *95* | *80-120* | | | |

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Sushmitha Reddy For Patty Mata
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Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2534

Sampled: 07/30/08
Received: 07/30/08

# METHOD BLANK/QC DATA

## DISSOLVED METALS

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: 8H04091 Extracted: 08/04/08** | | | | | | | | | | |
| **Blank Analyzed: 08/05/2008 (8H04091-BLK1)** | | | | | | | | | | |
| Cadmium | ND | 0.0050 | mg/l | | | | | | | |
| Chromium | ND | 0.0050 | mg/l | | | | | | | |
| Copper | ND | 0.010 | mg/l | | | | | | | |
| **LCS Analyzed: 08/05/2008 (8H04091-BS1)** | | | | | | | | | | |
| Cadmium | 0.939 | 0.0050 | mg/l | 1.00 | | 94 | 80-120 | | | |
| Chromium | 0.965 | 0.0050 | mg/l | 1.00 | | 97 | 80-120 | | | |
| Copper | 0.934 | 0.010 | mg/l | 1.00 | | 93 | 80-120 | | | |
| **Matrix Spike Analyzed: 08/05/2008 (8H04091-MS1)** | | | | | **Source: IRG2534-02** | | | | | |
| dmium | 0.925 | 0.0050 | mg/l | 1.00 | ND | 92 | 75-125 | | | |
| hromium | 0.956 | 0.0050 | mg/l | 1.00 | 0.00279 | 95 | 75-125 | | | |
| Copper | 0.974 | 0.010 | mg/l | 1.00 | ND | 97 | 75-125 | | | |
| **Matrix Spike Dup Analyzed: 08/05/2008 (8H04091-MSD1)** | | | | | **Source: IRG2534-02** | | | | | |
| Cadmium | 0.912 | 0.0050 | mg/l | 1.00 | ND | 91 | 75-125 | 1 | 20 | |
| Chromium | 0.950 | 0.0050 | mg/l | 1.00 | 0.00279 | 95 | 75-125 | 1 | 20 | |
| Copper | 0.961 | 0.010 | mg/l | 1.00 | ND | 96 | 75-125 | 1 | 20 | |

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Oakland, CA 94612
Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2534

Sampled: 07/30/08
Received: 07/30/08

# METHOD BLANK/QC DATA

## INORGANICS

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: 8G30090 Extracted: 07/30/08** | | | | | | | | | | |
| **Blank Analyzed: 07/30/2008 (8G30090-BLK1)** | | | | | | | | | | |
| Chromium VI | ND | 0.0010 | mg/l | | | | | | | |
| **LCS Analyzed: 07/30/2008 (8G30090-BS1)** | | | | | | | | | | |
| Chromium VI | 0.0507 | 0.0010 | mg/l | 0.0500 | | 101 | 90-110 | | | |
| **Matrix Spike Analyzed: 07/30/2008 (8G30090-MS1)** | | | | | **Source: IRG2478-01** | | | | | |
| Chromium VI | 0.0508 | 0.0010 | mg/l | 0.0500 | ND | 102 | 85-115 | | | |
| **Matrix Spike Analyzed: 07/30/2008 (8G30090-MS2)** | | | | | **Source: IRG2534-06** | | | | | |
| Chromium VI | 0.0495 | 0.0010 | mg/l | 0.0500 | ND | 99 | 85-115 | | | |
| **Matrix Spike Dup Analyzed: 07/30/2008 (8G30090-MSD1)** | | | | | **Source: IRG2478-01** | | | | | |
| Chromium VI | 0.0503 | 0.0010 | mg/l | 0.0500 | ND | 101 | 85-115 | 1 | 20 | |
| **Batch: 8G31074 Extracted: 07/31/08** | | | | | | | | | | |
| **Duplicate Analyzed: 07/31/2008 (8G31074-DUP1)** | | | | | **Source: IRG2534-02** | | | | | |
| pH | 7.36 | 0.100 | pH Units | | 7.33 | | | 0 | 5 | *HFT* |

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Project Manager

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Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2534

Sampled: 07/30/08
Received: 07/30/08

## DATA QUALIFIERS AND DEFINITIONS

**HFT** The holding time for this test is immediate. It was analyzed in the laboratory as soon as possible after receipt.

**RL1** Reporting limit raised due to sample matrix effects.

**ND** Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.

**RPD** Relative Percent Difference

**TestAmerica Irvine**

Sushmitha Reddy For Patty Mata
Project Manager

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Oakland, CA 94612
Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2534

Sampled: 07/30/08
Received: 07/30/08

## Certification Summary

**TestAmerica Irvine**

| Method | Matrix | Nelac | California |
|---|---|---|---|
| EPA 150.1 | Water | X | X |
| EPA 6010B-Diss | Water | X | X |
| EPA 7199 | Water | X | X |
| EPA 8260B | Water | X | X |

*Nevada and NELAP provide analyte specific accreditations. Analyte specific information for TestAmerica may be obtained by contacting the laboratory or visiting our website at www.testamericainc.com*

**TestAmerica Irvine**

Sushmitha Reddy For Patty Mata
Project Manager

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036

# IRIS ENVIRONMENTAL — CHAIN-OF-CUSTODY

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Oakland, California 94612
(510) 834-4747 tel
(510) 834-4199 fax

Date: 7/30/08 Page: 1 of 1 Nº 2709

Sampler Name(s): Becky Frymer Signature(s):

Analyses Required: IRG 2534

| Sample ID | Date | Time | Matrix | Pres. | VOCs (8260) | Cd, Cr, Cu (6010) | Cr VI (7199) | pH (150.1) | Number of Containers |
|---|---|---|---|---|---|---|---|---|---|
| PTI-TB02-078 | 7/30/08 | 0730 | $H_2O$ | HCl | X | | | | |
| PTI-MW03-078 | | 0805 | $H_2O$ | VAR | X | X | X | X | |
| PTI-MW11-078 | | 0900 | | | X | X | X | X | |
| PTI-MW16-078 | | 0950 | | | X | X | X | X | |
| PTI-MW01S-078 | | 1045 | | | X | X | X | X | |
| PTI-EB02-078 | | 1105 | | | X | X | X | X | |
| PTI-MW01D-078 | | 1145 | | | X | X | X | X | |
| PTI-MW15D-078 | | 1345 | | | X | X | X | X | |
| PTI-MW15S-078 | | 1435 | | | X | X | X | X | |
| PTI-MW14S-078 | | 1555 | | | X | X | X | X | |

AP 1025 7/30/08

**PROJECT INFORMATION**

Project Name: PTI
Project Number: 06-441-C
Contact Person: REBECCA FRYMER
E-mail: RFRYMER@IRISENV.COM
Contact Telephone: 510 834-4747 x20
Report: Routine (Level 2) Level 3 Level 4 EDD
TAT: 10-day 5-day 72-hr 48-hr 24-hr Other:

**Special Instructions/Comments:**

Field filtered for metals

| RELINQUISHED BY: | RECEIVED BY: |
|---|---|
| Printed Name: R. FRYMER | Printed Name: Emilio Aceves |
| Signature: | Signature: TAI |
| Company: IRIS | Company: TAI |
| Time/Date: 7/30/08 1605 | Time/Date: 7/30/08 1605 |
| **RELINQUISHED BY:** | **RECEIVED BY:** |
| Printed Name: Emilio Aceves | Printed Name: Truong Nguyen |
| Signature: TAI | Signature: |
| Company: TAI | Company: TAI |
| Time/Date: 7/30/08 1710 | Time/Date: 7/30/08 1710 |

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# LABORATORY REPORT

Prepared For: Iris Environmental
1438 Webster Street, Suite 302
Oakland, CA 94612
Attention: Rebecca Frymer

Project: PTI, Phibro-Tech
06-441-C

Sampled: 07/31/08
Received: 07/31/08
Issued: 08/13/08 11:02

NELAP #01108CA California ELAP#1197 CSDLAC #10256

*The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain of Custody, 1 page, is included and is an integral part of this report.*
*This entire report was reviewed and approved for release.*

## CASE NARRATIVE

SAMPLE RECEIPT: Samples were received intact, at 4°C, on ice and with chain of custody documentation.

HOLDING TIMES: Not all holding times were met. Results were qualified where the sample analysis did not occur within method specified holding time requirements.

PRESERVATION: Samples requiring preservation were verified prior to sample analysis.

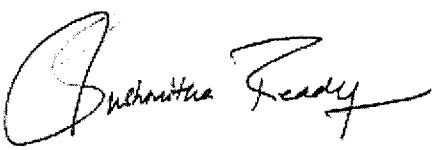
QA/QC CRITERIA: All analyses met method criteria, except as noted in the report with data qualifiers.

COMMENTS: No significant observations were made.

SUBCONTRACTED: No analyses were subcontracted to an outside laboratory.

| LABORATORY ID | CLIENT ID | MATRIX |
|---|---|---|
| IRG2626-01 | PTI-MW07-078 | Water |
| IRG2626-02 | PTI-TB03-078 | Water |
| IRG2626-03 | PTI-MW06B-078 | Water |
| IRG2626-04 | PTI-EB03-078 | Water |
| IRG2626-05 | PTI-MW06D-078 | Water |
| IRG2626-06 | PTI-FB01-078 | Water |
| IRG2626-07 | PTI-MW04A-078 | Water |
| IRG2626-08 | PTI-MW04-078 | Water |
| IRG2626-09 | PTI-MW34-078 | Water |

Reviewed By:



**TestAmerica Irvine**

Sushmitha Reddy For Patty Mata
Project Manager

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Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2626

Sampled: 07/31/08
Received: 07/31/08

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| **Sample ID: IRG2626-01 (PTI-MW07-078 - Water)** | | | | | | | | |
| **Reporting Units: ug/l** | | | | | | | | |
| Benzene | EPA 8260B | 8H01017 | 0.50 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Bromobenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Bromochloromethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Bromodichloromethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Bromoform | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Bromomethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| n-Butylbenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| tert-Butylbenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| sec-Butylbenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Carbon tetrachloride | EPA 8260B | 8H01017 | 0.50 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Chlorobenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Chloroethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Chloroform | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Chloromethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Chlorotoluene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Chlorotoluene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,2-Dibromo-3-chloropropane | EPA 8260B | 8H01017 | 5.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Dibromochloromethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,2-Dibromoethane (EDB) | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Dibromomethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,2-Dichlorobenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,3-Dichlorobenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,4-Dichlorobenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Dichlorodifluoromethane | EPA 8260B | 8H01017 | 5.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| **1,1-Dichloroethane** | EPA 8260B | 8H01017 | 1.0 | **6.6** | 1 | 8/1/2008 | 8/1/2008 | |
| **1,1-Dichloroethene** | EPA 8260B | 8H01017 | 1.0 | **1.1** | 1 | 8/1/2008 | 8/1/2008 | |
| **cis-1,2-Dichloroethene** | EPA 8260B | 8H01017 | 1.0 | **1.3** | 1 | 8/1/2008 | 8/1/2008 | |
| trans-1,2-Dichloroethene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,3-Dichloropropane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 2,2-Dichloropropane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,2-Dichloropropane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| cis-1,3-Dichloropropene | EPA 8260B | 8H01017 | 0.50 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| trans-1,3-Dichloropropene | EPA 8260B | 8H01017 | 0.50 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,1-Dichloropropene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Ethylbenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| **1,2-Dichloroethane** | EPA 8260B | 8H01017 | 0.50 | **0.53** | 1 | 8/1/2008 | 8/1/2008 | |
| Hexachlorobutadiene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Isopropylbenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| p-Isopropyltoluene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Methylene chloride | EPA 8260B | 8H01017 | 5.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Naphthalene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |

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Sushmitha Reddy For Patty Mata
Project Manager

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17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

Iris Environmental
1438 Webster Street, Suite 302
Oakland, CA 94612
Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2626

Sampled: 07/31/08
Received: 07/31/08

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| **Sample ID: IRG2626-01 (PTI-MW07-078 - Water) - cont.** | | | | | | | | |
| **Reporting Units: ug/l** | | | | | | | | |
| n-Propylbenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Styrene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,1,1,2-Tetrachloroethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,1,2,2-Tetrachloroethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| **Tetrachloroethene** | EPA 8260B | 8H01017 | 1.0 | **2.6** | 1 | 8/1/2008 | 8/1/2008 | |
| Toluene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,2,3-Trichlorobenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,2,4-Trichlorobenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,1,1-Trichloroethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,1,2-Trichloroethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| **Trichloroethene** | EPA 8260B | 8H01017 | 1.0 | **10** | 1 | 8/1/2008 | 8/1/2008 | |
| Trichlorofluoromethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,2,3-Trichloropropane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,2,4-Trimethylbenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,3,5-Trimethylbenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Vinyl chloride | EPA 8260B | 8H01017 | 0.50 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| m,p-Xylenes | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| o-Xylene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| *Surrogate: 4-Bromofluorobenzene (80-120%)* | | | | *87 %* | | | | |
| *Surrogate: Dibromofluoromethane (80-120%)* | | | | *90 %* | | | | |
| *Surrogate: Toluene-d8 (80-120%)* | | | | *102 %* | | | | |

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Sushmitha Reddy For Patty Mata
Project Manager

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Oakland, CA 94612
Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2626

Sampled: 07/31/08
Received: 07/31/08

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| **Sample ID: IRG2626-02 (PTI-TB03-078 - Water)** | | | | | | | | |
| **Reporting Units: ug/l** | | | | | | | | |
| Benzene | EPA 8260B | 8H01017 | 0.50 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Bromobenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Bromochloromethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Bromodichloromethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Bromoform | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Bromomethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| n-Butylbenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| tert-Butylbenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| sec-Butylbenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Carbon tetrachloride | EPA 8260B | 8H01017 | 0.50 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Chlorobenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Chloroethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Chloroform | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Chloromethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Chlorotoluene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Chlorotoluene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,2-Dibromo-3-chloropropane | EPA 8260B | 8H01017 | 5.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Dibromochloromethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,2-Dibromoethane (EDB) | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Dibromomethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,2-Dichlorobenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,3-Dichlorobenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,4-Dichlorobenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Dichlorodifluoromethane | EPA 8260B | 8H01017 | 5.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,1-Dichloroethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,1-Dichloroethene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| cis-1,2-Dichloroethene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| trans-1,2-Dichloroethene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,3-Dichloropropane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 2,2-Dichloropropane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,2-Dichloropropane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| cis-1,3-Dichloropropene | EPA 8260B | 8H01017 | 0.50 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| trans-1,3-Dichloropropene | EPA 8260B | 8H01017 | 0.50 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,1-Dichloropropene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Ethylbenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,2-Dichloroethane | EPA 8260B | 8H01017 | 0.50 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Hexachlorobutadiene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Isopropylbenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| p-Isopropyltoluene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Methylene chloride | EPA 8260B | 8H01017 | 5.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Naphthalene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |

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Sushmitha Reddy For Patty Mata
Project Manager

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Iris Environmental
1438 Webster Street, Suite 302
Oakland, CA 94612
Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2626

Sampled: 07/31/08
Received: 07/31/08

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| **Sample ID: IRG2626-02 (PTI-TB03-078 - Water) - cont.** | | | | | | | | |
| **Reporting Units: ug/l** | | | | | | | | |
| n-Propylbenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Styrene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,1,1,2-Tetrachloroethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,1,2,2-Tetrachloroethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Tetrachloroethene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Toluene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,2,3-Trichlorobenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,2,4-Trichlorobenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,1,1-Trichloroethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,1,2-Trichloroethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Trichloroethene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Trichlorofluoromethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,2,3-Trichloropropane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,2,4-Trimethylbenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,3,5-Trimethylbenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Vinyl chloride | EPA 8260B | 8H01017 | 0.50 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| m,p-Xylenes | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| o-Xylene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| *Surrogate: 4-Bromofluorobenzene (80-120%)* | | | | *87 %* | | | | |
| *Surrogate: Dibromofluoromethane (80-120%)* | | | | *92 %* | | | | |
| *Surrogate: Toluene-d8 (80-120%)* | | | | *99 %* | | | | |

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Sushmitha Reddy For Patty Mata
Project Manager

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Iris Environmental
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Oakland, CA 94612
Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2626

Sampled: 07/31/08
Received: 07/31/08

# VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| **Sample ID: IRG2626-03 (PTI-MW06B-078 - Water)** | | | | | | | | |
| **Reporting Units: ug/l** | | | | | | | | |
| Benzene | EPA 8260B | 8H01017 | 0.50 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Bromobenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Bromochloromethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Bromodichloromethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Bromoform | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Bromomethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| n-Butylbenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| tert-Butylbenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| sec-Butylbenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Carbon tetrachloride | EPA 8260B | 8H01017 | 0.50 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Chlorobenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Chloroethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Chloroform | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Chloromethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Chlorotoluene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Chlorotoluene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,2-Dibromo-3-chloropropane | EPA 8260B | 8H01017 | 5.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Dibromochloromethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,2-Dibromoethane (EDB) | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Dibromomethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,2-Dichlorobenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,3-Dichlorobenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,4-Dichlorobenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Dichlorodifluoromethane | EPA 8260B | 8H01017 | 5.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| **1,1-Dichloroethane** | EPA 8260B | 8H01017 | 1.0 | **1.3** | 1 | 8/1/2008 | 8/1/2008 | |
| **1,1-Dichloroethene** | EPA 8260B | 8H01017 | 1.0 | **1.3** | 1 | 8/1/2008 | 8/1/2008 | |
| cis-1,2-Dichloroethene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| trans-1,2-Dichloroethene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,3-Dichloropropane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 2,2-Dichloropropane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,2-Dichloropropane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| cis-1,3-Dichloropropene | EPA 8260B | 8H01017 | 0.50 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| trans-1,3-Dichloropropene | EPA 8260B | 8H01017 | 0.50 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,1-Dichloropropene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Ethylbenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,2-Dichloroethane | EPA 8260B | 8H01017 | 0.50 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Hexachlorobutadiene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Isopropylbenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| p-Isopropyltoluene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Methylene chloride | EPA 8260B | 8H01017 | 5.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Naphthalene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |

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Oakland, CA 94612
Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2626

Sampled: 07/31/08
Received: 07/31/08

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| **Sample ID: IRG2626-03 (PTI-MW06B-078 - Water) - cont.** | | | | | | | | |
| **Reporting Units: ug/l** | | | | | | | | |
| n-Propylbenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Styrene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,1,1,2-Tetrachloroethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,1,2,2-Tetrachloroethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| **Tetrachloroethene** | EPA 8260B | 8H01017 | 1.0 | **11** | 1 | 8/1/2008 | 8/1/2008 | |
| Toluene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,2,3-Trichlorobenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,2,4-Trichlorobenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,1,1-Trichloroethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,1,2-Trichloroethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| **Trichloroethene** | EPA 8260B | 8H01017 | 1.0 | **11** | 1 | 8/1/2008 | 8/1/2008 | |
| Trichlorofluoromethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,2,3-Trichloropropane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,2,4-Trimethylbenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,3,5-Trimethylbenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Vinyl chloride | EPA 8260B | 8H01017 | 0.50 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| m,p-Xylenes | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| o-Xylene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| *Surrogate: 4-Bromofluorobenzene (80-120%)* | | | | *87 %* | | | | |
| *Surrogate: Dibromofluoromethane (80-120%)* | | | | *90 %* | | | | |
| *Surrogate: Toluene-d8 (80-120%)* | | | | *101 %* | | | | |

**TestAmerica Irvine**

Sushmitha Reddy For Patty Mata
Project Manager

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17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

Iris Environmental
1438 Webster Street, Suite 302
Oakland, CA 94612
Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2626

Sampled: 07/31/08
Received: 07/31/08

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| **Sample ID: IRG2626-04 (PTI-EB03-078 - Water)** | | | | | | | | |
| **Reporting Units: ug/l** | | | | | | | | |
| Benzene | EPA 8260B | 8H01017 | 0.50 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Bromobenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Bromochloromethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Bromodichloromethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Bromoform | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Bromomethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| n-Butylbenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| tert-Butylbenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| sec-Butylbenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Carbon tetrachloride | EPA 8260B | 8H01017 | 0.50 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Chlorobenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Chloroethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Chloroform | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Chloromethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Chlorotoluene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Chlorotoluene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,2-Dibromo-3-chloropropane | EPA 8260B | 8H01017 | 5.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Dibromochloromethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,2-Dibromoethane (EDB) | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Dibromomethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,2-Dichlorobenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,3-Dichlorobenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,4-Dichlorobenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Dichlorodifluoromethane | EPA 8260B | 8H01017 | 5.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,1-Dichloroethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,1-Dichloroethene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| cis-1,2-Dichloroethene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| trans-1,2-Dichloroethene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,3-Dichloropropane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 2,2-Dichloropropane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,2-Dichloropropane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| cis-1,3-Dichloropropene | EPA 8260B | 8H01017 | 0.50 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| trans-1,3-Dichloropropene | EPA 8260B | 8H01017 | 0.50 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,1-Dichloropropene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Ethylbenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,2-Dichloroethane | EPA 8260B | 8H01017 | 0.50 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Hexachlorobutadiene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Isopropylbenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| p-Isopropyltoluene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Methylene chloride | EPA 8260B | 8H01017 | 5.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Naphthalene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |

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Sushmitha Reddy For Patty Mata
Project Manager

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Iris Environmental
1438 Webster Street, Suite 302
Oakland, CA 94612
Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2626

Sampled: 07/31/08
Received: 07/31/08

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| **Sample ID: IRG2626-04 (PTI-EB03-078 - Water) - cont.** | | | | | | | | |
| **Reporting Units: ug/l** | | | | | | | | |
| n-Propylbenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Styrene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,1,1,2-Tetrachloroethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,1,2,2-Tetrachloroethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Tetrachloroethene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Toluene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,2,3-Trichlorobenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,2,4-Trichlorobenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,1,1-Trichloroethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,1,2-Trichloroethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Trichloroethene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Trichlorofluoromethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,2,3-Trichloropropane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,2,4-Trimethylbenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,3,5-Trimethylbenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Vinyl chloride | EPA 8260B | 8H01017 | 0.50 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| m,p-Xylenes | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| o-Xylene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| *Surrogate: 4-Bromofluorobenzene (80-120%)* | | | | *88 %* | | | | |
| *Surrogate: Dibromofluoromethane (80-120%)* | | | | *91 %* | | | | |
| *Surrogate: Toluene-d8 (80-120%)* | | | | *101 %* | | | | |

**TestAmerica Irvine**

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Project Manager

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06-441-C
Report Number: IRG2626

Sampled: 07/31/08
Received: 07/31/08

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| **Sample ID: IRG2626-05 (PTI-MW06D-078 - Water)** | | | | | | | | |
| **Reporting Units: ug/l** | | | | | | | | |
| Benzene | EPA 8260B | 8H01017 | 0.50 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Bromobenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Bromochloromethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Bromodichloromethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Bromoform | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Bromomethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| n-Butylbenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| tert-Butylbenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| sec-Butylbenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Carbon tetrachloride | EPA 8260B | 8H01017 | 0.50 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Chlorobenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Chloroethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Chloroform | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Chloromethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Chlorotoluene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Chlorotoluene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,2-Dibromo-3-chloropropane | EPA 8260B | 8H01017 | 5.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Dibromochloromethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,2-Dibromoethane (EDB) | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Dibromomethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,2-Dichlorobenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,3-Dichlorobenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,4-Dichlorobenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Dichlorodifluoromethane | EPA 8260B | 8H01017 | 5.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,1-Dichloroethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| **1,1-Dichloroethene** | EPA 8260B | 8H01017 | 1.0 | **1.4** | 1 | 8/1/2008 | 8/1/2008 | |
| cis-1,2-Dichloroethene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| trans-1,2-Dichloroethene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,3-Dichloropropane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 2,2-Dichloropropane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,2-Dichloropropane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| cis-1,3-Dichloropropene | EPA 8260B | 8H01017 | 0.50 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| trans-1,3-Dichloropropene | EPA 8260B | 8H01017 | 0.50 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,1-Dichloropropene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Ethylbenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,2-Dichloroethane | EPA 8260B | 8H01017 | 0.50 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Hexachlorobutadiene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Isopropylbenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| p-Isopropyltoluene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Methylene chloride | EPA 8260B | 8H01017 | 5.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Naphthalene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |

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Sushmitha Reddy For Patty Mata
Project Manager

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Iris Environmental
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Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2626

Sampled: 07/31/08
Received: 07/31/08

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| **Sample ID: IRG2626-05 (PTI-MW06D-078 - Water) - cont.** | | | | | | | | |
| **Reporting Units: ug/l** | | | | | | | | |
| n-Propylbenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Styrene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,1,1,2-Tetrachloroethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,1,2,2-Tetrachloroethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| **Tetrachloroethene** | EPA 8260B | 8H01017 | 1.0 | **13** | 1 | 8/1/2008 | 8/1/2008 | |
| Toluene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,2,3-Trichlorobenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,2,4-Trichlorobenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,1,1-Trichloroethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,1,2-Trichloroethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| **Trichloroethene** | EPA 8260B | 8H01017 | 1.0 | **28** | 1 | 8/1/2008 | 8/1/2008 | |
| **Trichlorofluoromethane** | EPA 8260B | 8H01017 | 1.0 | **2.0** | 1 | 8/1/2008 | 8/1/2008 | |
| 1,2,3-Trichloropropane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,2,4-Trimethylbenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| 1,3,5-Trimethylbenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| Vinyl chloride | EPA 8260B | 8H01017 | 0.50 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| m,p-Xylenes | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| o-Xylene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/1/2008 | |
| *Surrogate: 4-Bromofluorobenzene (80-120%)* | | | | *86 %* | | | | |
| *Surrogate: Dibromofluoromethane (80-120%)* | | | | *91 %* | | | | |
| *Surrogate: Toluene-d8 (80-120%)* | | | | *99 %* | | | | |

**TestAmerica Irvine**

Sushmitha Reddy For Patty Mata
Project Manager

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Iris Environmental
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Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2626

Sampled: 07/31/08
Received: 07/31/08

# VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| **Sample ID: IRG2626-06 (PTI-FB01-078 - Water)** | | | | | | | | |
| **Reporting Units: ug/l** | | | | | | | | |
| Benzene | EPA 8260B | 8H01017 | 0.50 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Bromobenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Bromochloromethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Bromodichloromethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Bromoform | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Bromomethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| n-Butylbenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| tert-Butylbenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| sec-Butylbenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Carbon tetrachloride | EPA 8260B | 8H01017 | 0.50 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Chlorobenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Chloroethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Chloroform | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Chloromethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Chlorotoluene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Chlorotoluene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,2-Dibromo-3-chloropropane | EPA 8260B | 8H01017 | 5.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Dibromochloromethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,2-Dibromoethane (EDB) | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Dibromomethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,2-Dichlorobenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,3-Dichlorobenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,4-Dichlorobenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Dichlorodifluoromethane | EPA 8260B | 8H01017 | 5.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,1-Dichloroethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,1-Dichloroethene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| cis-1,2-Dichloroethene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| trans-1,2-Dichloroethene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,3-Dichloropropane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 2,2-Dichloropropane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,2-Dichloropropane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| cis-1,3-Dichloropropene | EPA 8260B | 8H01017 | 0.50 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| trans-1,3-Dichloropropene | EPA 8260B | 8H01017 | 0.50 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,1-Dichloropropene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Ethylbenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,2-Dichloroethane | EPA 8260B | 8H01017 | 0.50 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Hexachlorobutadiene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Isopropylbenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| p-Isopropyltoluene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Methylene chloride | EPA 8260B | 8H01017 | 5.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Naphthalene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |

**TestAmerica Irvine**

Sushmitha Reddy For Patty Mata
Project Manager

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Iris Environmental
1438 Webster Street, Suite 302
Oakland, CA 94612
Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2626

Sampled: 07/31/08
Received: 07/31/08

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| **Sample ID: IRG2626-06 (PTI-FB01-078 - Water) - cont.** | | | | | | | | |
| **Reporting Units: ug/l** | | | | | | | | |
| n-Propylbenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Styrene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,1,1,2-Tetrachloroethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,1,2,2-Tetrachloroethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Tetrachloroethene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Toluene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,2,3-Trichlorobenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,2,4-Trichlorobenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,1,1-Trichloroethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,1,2-Trichloroethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Trichloroethene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Trichlorofluoromethane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,2,3-Trichloropropane | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,2,4-Trimethylbenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| 1,3,5-Trimethylbenzene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| Vinyl chloride | EPA 8260B | 8H01017 | 0.50 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| m,p-Xylenes | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| o-Xylene | EPA 8260B | 8H01017 | 1.0 | ND | 1 | 8/1/2008 | 8/2/2008 | |
| *Surrogate: 4-Bromofluorobenzene (80-120%)* | | | | *88 %* | | | | |
| *Surrogate: Dibromofluoromethane (80-120%)* | | | | *93 %* | | | | |
| *Surrogate: Toluene-d8 (80-120%)* | | | | *99 %* | | | | |

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Sushmitha Reddy For Patty Mata
Project Manager

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Iris Environmental
1438 Webster Street, Suite 302
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Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2626

Sampled: 07/31/08
Received: 07/31/08

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| **Sample ID: IRG2626-07 (PTI-MW04A-078 - Water)** | | | | | | | | |
| **Reporting Units: ug/l** | | | | | | | | |
| Benzene | EPA 8260B | 8H03010 | 0.50 | ND | 1 | 8/3/2008 | 8/3/2008 | |
| Bromobenzene | EPA 8260B | 8H03010 | 1.0 | ND | 1 | 8/3/2008 | 8/3/2008 | |
| Bromochloromethane | EPA 8260B | 8H03010 | 1.0 | ND | 1 | 8/3/2008 | 8/3/2008 | |
| Bromodichloromethane | EPA 8260B | 8H03010 | 1.0 | ND | 1 | 8/3/2008 | 8/3/2008 | |
| Bromoform | EPA 8260B | 8H03010 | 1.0 | ND | 1 | 8/3/2008 | 8/3/2008 | |
| Bromomethane | EPA 8260B | 8H03010 | 1.0 | ND | 1 | 8/3/2008 | 8/3/2008 | |
| n-Butylbenzene | EPA 8260B | 8H03010 | 1.0 | ND | 1 | 8/3/2008 | 8/3/2008 | |
| tert-Butylbenzene | EPA 8260B | 8H03010 | 1.0 | ND | 1 | 8/3/2008 | 8/3/2008 | |
| sec-Butylbenzene | EPA 8260B | 8H03010 | 1.0 | ND | 1 | 8/3/2008 | 8/3/2008 | |
| Carbon tetrachloride | EPA 8260B | 8H03010 | 0.50 | ND | 1 | 8/3/2008 | 8/3/2008 | |
| Chlorobenzene | EPA 8260B | 8H03010 | 1.0 | ND | 1 | 8/3/2008 | 8/3/2008 | |
| Chloroethane | EPA 8260B | 8H03010 | 1.0 | ND | 1 | 8/3/2008 | 8/3/2008 | |
| **Chloroform** | EPA 8260B | 8H03010 | 1.0 | **5.5** | 1 | 8/3/2008 | 8/3/2008 | |
| Chloromethane | EPA 8260B | 8H03010 | 1.0 | ND | 1 | 8/3/2008 | 8/3/2008 | |
| Chlorotoluene | EPA 8260B | 8H03010 | 1.0 | ND | 1 | 8/3/2008 | 8/3/2008 | |
| Chlorotoluene | EPA 8260B | 8H03010 | 1.0 | ND | 1 | 8/3/2008 | 8/3/2008 | |
| 1,2-Dibromo-3-chloropropane | EPA 8260B | 8H03010 | 5.0 | ND | 1 | 8/3/2008 | 8/3/2008 | |
| Dibromochloromethane | EPA 8260B | 8H03010 | 1.0 | ND | 1 | 8/3/2008 | 8/3/2008 | |
| 1,2-Dibromoethane (EDB) | EPA 8260B | 8H03010 | 1.0 | ND | 1 | 8/3/2008 | 8/3/2008 | |
| Dibromomethane | EPA 8260B | 8H03010 | 1.0 | ND | 1 | 8/3/2008 | 8/3/2008 | |
| 1,2-Dichlorobenzene | EPA 8260B | 8H03010 | 1.0 | ND | 1 | 8/3/2008 | 8/3/2008 | |
| 1,3-Dichlorobenzene | EPA 8260B | 8H03010 | 1.0 | ND | 1 | 8/3/2008 | 8/3/2008 | |
| 1,4-Dichlorobenzene | EPA 8260B | 8H03010 | 1.0 | ND | 1 | 8/3/2008 | 8/3/2008 | |
| Dichlorodifluoromethane | EPA 8260B | 8H03010 | 5.0 | ND | 1 | 8/3/2008 | 8/3/2008 | |
| **1,1-Dichloroethane** | EPA 8260B | 8H03010 | 1.0 | **110** | 1 | 8/3/2008 | 8/3/2008 | MHA |
| **1,1-Dichloroethene** | EPA 8260B | 8H03010 | 1.0 | **9.7** | 1 | 8/3/2008 | 8/3/2008 | |
| **cis-1,2-Dichloroethene** | EPA 8260B | 8H03010 | 1.0 | **4.0** | 1 | 8/3/2008 | 8/3/2008 | |
| trans-1,2-Dichloroethene | EPA 8260B | 8H03010 | 1.0 | ND | 1 | 8/3/2008 | 8/3/2008 | |
| 1,3-Dichloropropane | EPA 8260B | 8H03010 | 1.0 | ND | 1 | 8/3/2008 | 8/3/2008 | |
| 2,2-Dichloropropane | EPA 8260B | 8H03010 | 1.0 | ND | 1 | 8/3/2008 | 8/3/2008 | |
| 1,2-Dichloropropane | EPA 8260B | 8H03010 | 1.0 | ND | 1 | 8/3/2008 | 8/3/2008 | |
| cis-1,3-Dichloropropene | EPA 8260B | 8H03010 | 0.50 | ND | 1 | 8/3/2008 | 8/3/2008 | |
| trans-1,3-Dichloropropene | EPA 8260B | 8H03010 | 0.50 | ND | 1 | 8/3/2008 | 8/3/2008 | |
| 1,1-Dichloropropene | EPA 8260B | 8H03010 | 1.0 | ND | 1 | 8/3/2008 | 8/3/2008 | |
| Ethylbenzene | EPA 8260B | 8H03010 | 1.0 | ND | 1 | 8/3/2008 | 8/3/2008 | |
| 1,2-Dichloroethane | EPA 8260B | 8H03010 | 0.50 | ND | 1 | 8/3/2008 | 8/3/2008 | |
| Hexachlorobutadiene | EPA 8260B | 8H03010 | 1.0 | ND | 1 | 8/3/2008 | 8/3/2008 | |
| Isopropylbenzene | EPA 8260B | 8H03010 | 1.0 | ND | 1 | 8/3/2008 | 8/3/2008 | |
| p-Isopropyltoluene | EPA 8260B | 8H03010 | 1.0 | ND | 1 | 8/3/2008 | 8/3/2008 | |
| Methylene chloride | EPA 8260B | 8H03010 | 5.0 | ND | 1 | 8/3/2008 | 8/3/2008 | |
| Naphthalene | EPA 8260B | 8H03010 | 1.0 | ND | 1 | 8/3/2008 | 8/3/2008 | |

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Sushmitha Reddy For Patty Mata
Project Manager

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Iris Environmental
1438 Webster Street, Suite 302
Oakland, CA 94612
Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2626

Sampled: 07/31/08
Received: 07/31/08

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| **Sample ID: IRG2626-07 (PTI-MW04A-078 - Water) - cont.** | | | | | | | | |
| **Reporting Units: ug/l** | | | | | | | | |
| n-Propylbenzene | EPA 8260B | 8H03010 | 1.0 | ND | 1 | 8/3/2008 | 8/3/2008 | |
| Styrene | EPA 8260B | 8H03010 | 1.0 | ND | 1 | 8/3/2008 | 8/3/2008 | |
| 1,1,1,2-Tetrachloroethane | EPA 8260B | 8H03010 | 1.0 | ND | 1 | 8/3/2008 | 8/3/2008 | |
| 1,1,2,2-Tetrachloroethane | EPA 8260B | 8H03010 | 1.0 | ND | 1 | 8/3/2008 | 8/3/2008 | |
| **Tetrachloroethene** | EPA 8260B | 8H03010 | 1.0 | **1.9** | 1 | 8/3/2008 | 8/3/2008 | |
| Toluene | EPA 8260B | 8H03010 | 1.0 | ND | 1 | 8/3/2008 | 8/3/2008 | |
| 1,2,3-Trichlorobenzene | EPA 8260B | 8H03010 | 1.0 | ND | 1 | 8/3/2008 | 8/3/2008 | |
| 1,2,4-Trichlorobenzene | EPA 8260B | 8H03010 | 1.0 | ND | 1 | 8/3/2008 | 8/3/2008 | |
| 1,1,1-Trichloroethane | EPA 8260B | 8H03010 | 1.0 | ND | 1 | 8/3/2008 | 8/3/2008 | |
| 1,1,2-Trichloroethane | EPA 8260B | 8H03010 | 1.0 | ND | 1 | 8/3/2008 | 8/3/2008 | |
| **Trichloroethene** | EPA 8260B | 8H03010 | 1.0 | **68** | 1 | 8/3/2008 | 8/3/2008 | M1 |
| Trichlorofluoromethane | EPA 8260B | 8H03010 | 1.0 | ND | 1 | 8/3/2008 | 8/3/2008 | |
| 1,2,3-Trichloropropane | EPA 8260B | 8H03010 | 1.0 | ND | 1 | 8/3/2008 | 8/3/2008 | |
| 1,2,4-Trimethylbenzene | EPA 8260B | 8H03010 | 1.0 | ND | 1 | 8/3/2008 | 8/3/2008 | |
| 1,3,5-Trimethylbenzene | EPA 8260B | 8H03010 | 1.0 | ND | 1 | 8/3/2008 | 8/3/2008 | |
| Vinyl chloride | EPA 8260B | 8H03010 | 0.50 | ND | 1 | 8/3/2008 | 8/3/2008 | |
| m,p-Xylenes | EPA 8260B | 8H03010 | 1.0 | ND | 1 | 8/3/2008 | 8/3/2008 | |
| o-Xylene | EPA 8260B | 8H03010 | 1.0 | ND | 1 | 8/3/2008 | 8/3/2008 | |
| *Surrogate: 4-Bromofluorobenzene (80-120%)* | | | | *92 %* | | | | |
| *Surrogate: Dibromofluoromethane (80-120%)* | | | | *87 %* | | | | |
| *Surrogate: Toluene-d8 (80-120%)* | | | | *92 %* | | | | |

TestAmerica Irvine

Sushmitha Reddy For Patty Mata
Project Manager

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Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2626

Sampled: 07/31/08
Received: 07/31/08

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| **Sample ID: IRG2626-08 (PTI-MW04-078 - Water)** | | | | | | | | |
| **Reporting Units: ug/l** | | | | | | | | |
| Benzene | EPA 8260B | 8H02019 | 2.5 | ND | 5 | 8/2/2008 | 8/2/2008 | |
| Bromobenzene | EPA 8260B | 8H02019 | 5.0 | ND | 5 | 8/2/2008 | 8/2/2008 | |
| Bromochloromethane | EPA 8260B | 8H02019 | 5.0 | ND | 5 | 8/2/2008 | 8/2/2008 | |
| Bromodichloromethane | EPA 8260B | 8H02019 | 5.0 | ND | 5 | 8/2/2008 | 8/2/2008 | |
| Bromoform | EPA 8260B | 8H02019 | 5.0 | ND | 5 | 8/2/2008 | 8/2/2008 | |
| Bromomethane | EPA 8260B | 8H02019 | 5.0 | ND | 5 | 8/2/2008 | 8/2/2008 | |
| n-Butylbenzene | EPA 8260B | 8H02019 | 5.0 | ND | 5 | 8/2/2008 | 8/2/2008 | |
| tert-Butylbenzene | EPA 8260B | 8H02019 | 5.0 | ND | 5 | 8/2/2008 | 8/2/2008 | |
| sec-Butylbenzene | EPA 8260B | 8H02019 | 5.0 | ND | 5 | 8/2/2008 | 8/2/2008 | |
| Carbon tetrachloride | EPA 8260B | 8H02019 | 2.5 | ND | 5 | 8/2/2008 | 8/2/2008 | |
| Chlorobenzene | EPA 8260B | 8H02019 | 5.0 | ND | 5 | 8/2/2008 | 8/2/2008 | |
| Chloroethane | EPA 8260B | 8H02019 | 5.0 | ND | 5 | 8/2/2008 | 8/2/2008 | |
| **Chloroform** | EPA 8260B | 8H02019 | 5.0 | **5.2** | 5 | 8/2/2008 | 8/2/2008 | |
| Chloromethane | EPA 8260B | 8H02019 | 5.0 | ND | 5 | 8/2/2008 | 8/2/2008 | |
| Chlorotoluene | EPA 8260B | 8H02019 | 5.0 | ND | 5 | 8/2/2008 | 8/2/2008 | |
| Chlorotoluene | EPA 8260B | 8H02019 | 5.0 | ND | 5 | 8/2/2008 | 8/2/2008 | |
| 1,2-Dibromo-3-chloropropane | EPA 8260B | 8H02019 | 25 | ND | 5 | 8/2/2008 | 8/2/2008 | |
| Dibromochloromethane | EPA 8260B | 8H02019 | 5.0 | ND | 5 | 8/2/2008 | 8/2/2008 | |
| 1,2-Dibromoethane (EDB) | EPA 8260B | 8H02019 | 5.0 | ND | 5 | 8/2/2008 | 8/2/2008 | |
| Dibromomethane | EPA 8260B | 8H02019 | 5.0 | ND | 5 | 8/2/2008 | 8/2/2008 | |
| 1,2-Dichlorobenzene | EPA 8260B | 8H02019 | 5.0 | ND | 5 | 8/2/2008 | 8/2/2008 | |
| 1,3-Dichlorobenzene | EPA 8260B | 8H02019 | 5.0 | ND | 5 | 8/2/2008 | 8/2/2008 | |
| 1,4-Dichlorobenzene | EPA 8260B | 8H02019 | 5.0 | ND | 5 | 8/2/2008 | 8/2/2008 | |
| Dichlorodifluoromethane | EPA 8260B | 8H02019 | 25 | ND | 5 | 8/2/2008 | 8/2/2008 | |
| **1,1-Dichloroethane** | EPA 8260B | 8H02019 | 5.0 | **150** | 5 | 8/2/2008 | 8/2/2008 | |
| **1,1-Dichloroethene** | EPA 8260B | 8H02019 | 5.0 | **68** | 5 | 8/2/2008 | 8/2/2008 | |
| **cis-1,2-Dichloroethene** | EPA 8260B | 8H02019 | 5.0 | **69** | 5 | 8/2/2008 | 8/2/2008 | |
| trans-1,2-Dichloroethene | EPA 8260B | 8H02019 | 5.0 | ND | 5 | 8/2/2008 | 8/2/2008 | |
| 1,3-Dichloropropane | EPA 8260B | 8H02019 | 5.0 | ND | 5 | 8/2/2008 | 8/2/2008 | |
| 2,2-Dichloropropane | EPA 8260B | 8H02019 | 5.0 | ND | 5 | 8/2/2008 | 8/2/2008 | |
| 1,2-Dichloropropane | EPA 8260B | 8H02019 | 5.0 | ND | 5 | 8/2/2008 | 8/2/2008 | |
| cis-1,3-Dichloropropene | EPA 8260B | 8H02019 | 2.5 | ND | 5 | 8/2/2008 | 8/2/2008 | |
| trans-1,3-Dichloropropene | EPA 8260B | 8H02019 | 2.5 | ND | 5 | 8/2/2008 | 8/2/2008 | |
| 1,1-Dichloropropene | EPA 8260B | 8H02019 | 5.0 | ND | 5 | 8/2/2008 | 8/2/2008 | |
| Ethylbenzene | EPA 8260B | 8H02019 | 5.0 | ND | 5 | 8/2/2008 | 8/2/2008 | |
| **1,2-Dichloroethane** | EPA 8260B | 8H02019 | 2.5 | **190** | 5 | 8/2/2008 | 8/2/2008 | |
| Hexachlorobutadiene | EPA 8260B | 8H02019 | 5.0 | ND | 5 | 8/2/2008 | 8/2/2008 | |
| Isopropylbenzene | EPA 8260B | 8H02019 | 5.0 | ND | 5 | 8/2/2008 | 8/2/2008 | |
| p-Isopropyltoluene | EPA 8260B | 8H02019 | 5.0 | ND | 5 | 8/2/2008 | 8/2/2008 | |
| **Methylene chloride** | EPA 8260B | 8H02019 | 25 | **28** | 5 | 8/2/2008 | 8/2/2008 | |
| Naphthalene | EPA 8260B | 8H02019 | 5.0 | ND | 5 | 8/2/2008 | 8/2/2008 | |

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Sushmitha Reddy For Patty Mata
Project Manager

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1438 Webster Street, Suite 302
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Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2626

Sampled: 07/31/08
Received: 07/31/08

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| **Sample ID: IRG2626-08 (PTI-MW04-078 - Water) - cont.** | | | | | | | | |
| **Reporting Units: ug/l** | | | | | | | | |
| n-Propylbenzene | EPA 8260B | 8H02019 | 5.0 | ND | 5 | 8/2/2008 | 8/2/2008 | |
| Styrene | EPA 8260B | 8H02019 | 5.0 | ND | 5 | 8/2/2008 | 8/2/2008 | |
| 1,1,1,2-Tetrachloroethane | EPA 8260B | 8H02019 | 5.0 | ND | 5 | 8/2/2008 | 8/2/2008 | |
| 1,1,2,2-Tetrachloroethane | EPA 8260B | 8H02019 | 5.0 | ND | 5 | 8/2/2008 | 8/2/2008 | |
| Tetrachloroethene | EPA 8260B | 8H02019 | 5.0 | ND | 5 | 8/2/2008 | 8/2/2008 | |
| Toluene | EPA 8260B | 8H02019 | 5.0 | ND | 5 | 8/2/2008 | 8/2/2008 | |
| 1,2,3-Trichlorobenzene | EPA 8260B | 8H02019 | 5.0 | ND | 5 | 8/2/2008 | 8/2/2008 | |
| 1,2,4-Trichlorobenzene | EPA 8260B | 8H02019 | 5.0 | ND | 5 | 8/2/2008 | 8/2/2008 | |
| 1,1,1-Trichloroethane | EPA 8260B | 8H02019 | 5.0 | ND | 5 | 8/2/2008 | 8/2/2008 | |
| 1,1,2-Trichloroethane | EPA 8260B | 8H02019 | 5.0 | ND | 5 | 8/2/2008 | 8/2/2008 | |
| **Trichloroethene** | EPA 8260B | 8H02019 | 5.0 | **310** | 5 | 8/2/2008 | 8/2/2008 | |
| Trichlorofluoromethane | EPA 8260B | 8H02019 | 5.0 | ND | 5 | 8/2/2008 | 8/2/2008 | |
| 1,2,3-Trichloropropane | EPA 8260B | 8H02019 | 5.0 | ND | 5 | 8/2/2008 | 8/2/2008 | |
| 1,2,4-Trimethylbenzene | EPA 8260B | 8H02019 | 5.0 | ND | 5 | 8/2/2008 | 8/2/2008 | |
| 1,3,5-Trimethylbenzene | EPA 8260B | 8H02019 | 5.0 | ND | 5 | 8/2/2008 | 8/2/2008 | |
| Vinyl chloride | EPA 8260B | 8H02019 | 2.5 | ND | 5 | 8/2/2008 | 8/2/2008 | |
| m,p-Xylenes | EPA 8260B | 8H02019 | 5.0 | ND | 5 | 8/2/2008 | 8/2/2008 | |
| o-Xylene | EPA 8260B | 8H02019 | 5.0 | ND | 5 | 8/2/2008 | 8/2/2008 | |
| *Surrogate: 4-Bromofluorobenzene (80-120%)* | | | | *84 %* | | | | |
| *Surrogate: Dibromofluoromethane (80-120%)* | | | | *92 %* | | | | |
| *Surrogate: Toluene-d8 (80-120%)* | | | | *94 %* | | | | |

**TestAmerica Irvine**

Sushmitha Reddy For Patty Mata
Project Manager

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Iris Environmental
1438 Webster Street, Suite 302
Oakland, CA 94612
Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2626

Sampled: 07/31/08
Received: 07/31/08

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| **Sample ID: IRG2626-09 (PTI-MW34-078 - Water)** | | | | | | | | |
| **Reporting Units: ug/l** | | | | | | | | |
| Benzene | EPA 8260B | 8H02019 | 2.0 | ND | 4 | 8/2/2008 | 8/2/2008 | |
| Bromobenzene | EPA 8260B | 8H02019 | 4.0 | ND | 4 | 8/2/2008 | 8/2/2008 | |
| Bromochloromethane | EPA 8260B | 8H02019 | 4.0 | ND | 4 | 8/2/2008 | 8/2/2008 | |
| Bromodichloromethane | EPA 8260B | 8H02019 | 4.0 | ND | 4 | 8/2/2008 | 8/2/2008 | |
| Bromoform | EPA 8260B | 8H02019 | 4.0 | ND | 4 | 8/2/2008 | 8/2/2008 | |
| Bromomethane | EPA 8260B | 8H02019 | 4.0 | ND | 4 | 8/2/2008 | 8/2/2008 | |
| n-Butylbenzene | EPA 8260B | 8H02019 | 4.0 | ND | 4 | 8/2/2008 | 8/2/2008 | |
| tert-Butylbenzene | EPA 8260B | 8H02019 | 4.0 | ND | 4 | 8/2/2008 | 8/2/2008 | |
| sec-Butylbenzene | EPA 8260B | 8H02019 | 4.0 | ND | 4 | 8/2/2008 | 8/2/2008 | |
| Carbon tetrachloride | EPA 8260B | 8H02019 | 2.0 | ND | 4 | 8/2/2008 | 8/2/2008 | |
| Chlorobenzene | EPA 8260B | 8H02019 | 4.0 | ND | 4 | 8/2/2008 | 8/2/2008 | |
| Chloroethane | EPA 8260B | 8H02019 | 4.0 | ND | 4 | 8/2/2008 | 8/2/2008 | |
| **Chloroform** | EPA 8260B | 8H02019 | 4.0 | **5.5** | 4 | 8/2/2008 | 8/2/2008 | |
| Chloromethane | EPA 8260B | 8H02019 | 4.0 | ND | 4 | 8/2/2008 | 8/2/2008 | |
| Chlorotoluene | EPA 8260B | 8H02019 | 4.0 | ND | 4 | 8/2/2008 | 8/2/2008 | |
| Chlorotoluene | EPA 8260B | 8H02019 | 4.0 | ND | 4 | 8/2/2008 | 8/2/2008 | |
| 1,2-Dibromo-3-chloropropane | EPA 8260B | 8H02019 | 20 | ND | 4 | 8/2/2008 | 8/2/2008 | |
| Dibromochloromethane | EPA 8260B | 8H02019 | 4.0 | ND | 4 | 8/2/2008 | 8/2/2008 | |
| 1,2-Dibromoethane (EDB) | EPA 8260B | 8H02019 | 4.0 | ND | 4 | 8/2/2008 | 8/2/2008 | |
| Dibromomethane | EPA 8260B | 8H02019 | 4.0 | ND | 4 | 8/2/2008 | 8/2/2008 | |
| 1,2-Dichlorobenzene | EPA 8260B | 8H02019 | 4.0 | ND | 4 | 8/2/2008 | 8/2/2008 | |
| 1,3-Dichlorobenzene | EPA 8260B | 8H02019 | 4.0 | ND | 4 | 8/2/2008 | 8/2/2008 | |
| 1,4-Dichlorobenzene | EPA 8260B | 8H02019 | 4.0 | ND | 4 | 8/2/2008 | 8/2/2008 | |
| Dichlorodifluoromethane | EPA 8260B | 8H02019 | 20 | ND | 4 | 8/2/2008 | 8/2/2008 | |
| **1,1-Dichloroethane** | EPA 8260B | 8H02019 | 4.0 | **150** | 4 | 8/2/2008 | 8/2/2008 | |
| **1,1-Dichloroethene** | EPA 8260B | 8H02019 | 4.0 | **66** | 4 | 8/2/2008 | 8/2/2008 | |
| **cis-1,2-Dichloroethene** | EPA 8260B | 8H02019 | 4.0 | **68** | 4 | 8/2/2008 | 8/2/2008 | |
| trans-1,2-Dichloroethene | EPA 8260B | 8H02019 | 4.0 | ND | 4 | 8/2/2008 | 8/2/2008 | |
| 1,3-Dichloropropane | EPA 8260B | 8H02019 | 4.0 | ND | 4 | 8/2/2008 | 8/2/2008 | |
| 2,2-Dichloropropane | EPA 8260B | 8H02019 | 4.0 | ND | 4 | 8/2/2008 | 8/2/2008 | |
| 1,2-Dichloropropane | EPA 8260B | 8H02019 | 4.0 | ND | 4 | 8/2/2008 | 8/2/2008 | |
| cis-1,3-Dichloropropene | EPA 8260B | 8H02019 | 2.0 | ND | 4 | 8/2/2008 | 8/2/2008 | |
| trans-1,3-Dichloropropene | EPA 8260B | 8H02019 | 2.0 | ND | 4 | 8/2/2008 | 8/2/2008 | |
| 1,1-Dichloropropene | EPA 8260B | 8H02019 | 4.0 | ND | 4 | 8/2/2008 | 8/2/2008 | |
| Ethylbenzene | EPA 8260B | 8H02019 | 4.0 | ND | 4 | 8/2/2008 | 8/2/2008 | |
| **1,2-Dichloroethane** | EPA 8260B | 8H02019 | 2.0 | **180** | 4 | 8/2/2008 | 8/2/2008 | |
| Hexachlorobutadiene | EPA 8260B | 8H02019 | 4.0 | ND | 4 | 8/2/2008 | 8/2/2008 | |
| Isopropylbenzene | EPA 8260B | 8H02019 | 4.0 | ND | 4 | 8/2/2008 | 8/2/2008 | |
| p-Isopropyltoluene | EPA 8260B | 8H02019 | 4.0 | ND | 4 | 8/2/2008 | 8/2/2008 | |
| **Methylene chloride** | EPA 8260B | 8H02019 | 20 | **29** | 4 | 8/2/2008 | 8/2/2008 | |
| Naphthalene | EPA 8260B | 8H02019 | 4.0 | ND | 4 | 8/2/2008 | 8/2/2008 | |

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Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2626

Sampled: 07/31/08
Received: 07/31/08

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| **Sample ID: IRG2626-09 (PTI-MW34-078 - Water) - cont.** | | | | | | | | |
| **Reporting Units: ug/l** | | | | | | | | |
| n-Propylbenzene | EPA 8260B | 8H02019 | 4.0 | ND | 4 | 8/2/2008 | 8/2/2008 | |
| Styrene | EPA 8260B | 8H02019 | 4.0 | ND | 4 | 8/2/2008 | 8/2/2008 | |
| 1,1,1,2-Tetrachloroethane | EPA 8260B | 8H02019 | 4.0 | ND | 4 | 8/2/2008 | 8/2/2008 | |
| 1,1,2,2-Tetrachloroethane | EPA 8260B | 8H02019 | 4.0 | ND | 4 | 8/2/2008 | 8/2/2008 | |
| Tetrachloroethene | EPA 8260B | 8H02019 | 4.0 | ND | 4 | 8/2/2008 | 8/2/2008 | |
| Toluene | EPA 8260B | 8H02019 | 4.0 | ND | 4 | 8/2/2008 | 8/2/2008 | |
| 1,2,3-Trichlorobenzene | EPA 8260B | 8H02019 | 4.0 | ND | 4 | 8/2/2008 | 8/2/2008 | |
| 1,2,4-Trichlorobenzene | EPA 8260B | 8H02019 | 4.0 | ND | 4 | 8/2/2008 | 8/2/2008 | |
| 1,1,1-Trichloroethane | EPA 8260B | 8H02019 | 4.0 | ND | 4 | 8/2/2008 | 8/2/2008 | |
| 1,1,2-Trichloroethane | EPA 8260B | 8H02019 | 4.0 | ND | 4 | 8/2/2008 | 8/2/2008 | |
| **Trichloroethene** | EPA 8260B | 8H02019 | 4.0 | **310** | 4 | 8/2/2008 | 8/2/2008 | |
| Trichlorofluoromethane | EPA 8260B | 8H02019 | 4.0 | ND | 4 | 8/2/2008 | 8/2/2008 | |
| 1,2,3-Trichloropropane | EPA 8260B | 8H02019 | 4.0 | ND | 4 | 8/2/2008 | 8/2/2008 | |
| 1,2,4-Trimethylbenzene | EPA 8260B | 8H02019 | 4.0 | ND | 4 | 8/2/2008 | 8/2/2008 | |
| 1,3,5-Trimethylbenzene | EPA 8260B | 8H02019 | 4.0 | ND | 4 | 8/2/2008 | 8/2/2008 | |
| Vinyl chloride | EPA 8260B | 8H02019 | 2.0 | ND | 4 | 8/2/2008 | 8/2/2008 | |
| m,p-Xylenes | EPA 8260B | 8H02019 | 4.0 | ND | 4 | 8/2/2008 | 8/2/2008 | |
| o-Xylene | EPA 8260B | 8H02019 | 4.0 | ND | 4 | 8/2/2008 | 8/2/2008 | |
| *Surrogate: 4-Bromofluorobenzene (80-120%)* | | | | *87 %* | | | | |
| *Surrogate: Dibromofluoromethane (80-120%)* | | | | *92 %* | | | | |
| *Surrogate: Toluene-d8 (80-120%)* | | | | *90 %* | | | | |

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Sushmitha Reddy For Patty Mata
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Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2626

Sampled: 07/31/08
Received: 07/31/08

## DISSOLVED METALS

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| **Sample ID: IRG2626-01 (PTI-MW07-078 - Water)** | | | | | | | | |
| **Reporting Units: mg/l** | | | | | | | | |
| Cadmium | EPA 6010B-Diss | 8H06092 | 0.0050 | ND | 1 | 8/6/2008 | 8/8/2008 | |
| **Chromium** | EPA 6010B-Diss | 8H06092 | 0.0050 | **0.0051** | 1 | 8/6/2008 | 8/8/2008 | |
| **Copper** | EPA 6010B-Diss | 8H06092 | 0.010 | **0.014** | 1 | 8/6/2008 | 8/8/2008 | |
| **Sample ID: IRG2626-03 (PTI-MW06B-078 - Water)** | | | | | | | | |
| **Reporting Units: mg/l** | | | | | | | | |
| Cadmium | EPA 6010B-Diss | 8H06092 | 0.0050 | ND | 1 | 8/6/2008 | 8/8/2008 | |
| Chromium | EPA 6010B-Diss | 8H06092 | 0.0050 | ND | 1 | 8/6/2008 | 8/8/2008 | |
| Copper | EPA 6010B-Diss | 8H06092 | 0.010 | ND | 1 | 8/6/2008 | 8/8/2008 | |
| **Sample ID: IRG2626-04 (PTI-EB03-078 - Water)** | | | | | | | | |
| **Reporting Units: mg/l** | | | | | | | | |
| Cadmium | EPA 6010B-Diss | 8H06092 | 0.0050 | ND | 1 | 8/6/2008 | 8/8/2008 | |
| Chromium | EPA 6010B-Diss | 8H06092 | 0.0050 | ND | 1 | 8/6/2008 | 8/8/2008 | |
| Copper | EPA 6010B-Diss | 8H06092 | 0.010 | ND | 1 | 8/6/2008 | 8/8/2008 | |
| **mple ID: IRG2626-05 (PTI-MW06D-078 - Water)** | | | | | | | | |
| **Reporting Units: mg/l** | | | | | | | | |
| Cadmium | EPA 6010B-Diss | 8H06092 | 0.0050 | ND | 1 | 8/6/2008 | 8/8/2008 | |
| **Chromium** | EPA 6010B-Diss | 8H06092 | 0.0050 | **0.0052** | 1 | 8/6/2008 | 8/8/2008 | |
| **Copper** | EPA 6010B-Diss | 8H06092 | 0.010 | **0.014** | 1 | 8/6/2008 | 8/8/2008 | |
| **Sample ID: IRG2626-06 (PTI-FB01-078 - Water)** | | | | | | | | |
| **Reporting Units: mg/l** | | | | | | | | |
| Cadmium | EPA 6010B-Diss | 8H06092 | 0.0050 | ND | 1 | 8/6/2008 | 8/8/2008 | |
| Chromium | EPA 6010B-Diss | 8H06092 | 0.0050 | ND | 1 | 8/6/2008 | 8/8/2008 | |
| Copper | EPA 6010B-Diss | 8H06092 | 0.010 | ND | 1 | 8/6/2008 | 8/8/2008 | |
| **Sample ID: IRG2626-07 (PTI-MW04A-078 - Water)** | | | | | | | | |
| **Reporting Units: mg/l** | | | | | | | | |
| Cadmium | EPA 6010B-Diss | 8H06092 | 0.0050 | ND | 1 | 8/6/2008 | 8/8/2008 | |
| **Chromium** | EPA 6010B-Diss | 8H06092 | 0.0050 | **0.0074** | 1 | 8/6/2008 | 8/8/2008 | |
| **Copper** | EPA 6010B-Diss | 8H06092 | 0.010 | **0.025** | 1 | 8/6/2008 | 8/8/2008 | |
| **Sample ID: IRG2626-08 (PTI-MW04-078 - Water)** | | | | | | | | |
| **Reporting Units: mg/l** | | | | | | | | |
| **Cadmium** | EPA 6010B-Diss | 8H06092 | 0.010 | **0.44** | 2 | 8/6/2008 | 8/9/2008 | |
| **Chromium** | EPA 6010B-Diss | 8H06092 | 0.010 | **11** | 2 | 8/6/2008 | 8/9/2008 | |
| Copper | EPA 6010B-Diss | 8H06092 | 0.020 | ND | 2 | 8/6/2008 | 8/9/2008 | RL1 |

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Sushmitha Reddy For Patty Mata
Project Manager

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Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2626

Sampled: 07/31/08
Received: 07/31/08

## DISSOLVED METALS

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| **Sample ID: IRG2626-09 (PTI-MW34-078 - Water)** | | | | | | | | |
| **Reporting Units: mg/l** | | | | | | | | |
| **Cadmium** | EPA 6010B-Diss | 8H06092 | 0.010 | **0.44** | 2 | 8/6/2008 | 8/9/2008 | |
| **Chromium** | EPA 6010B-Diss | 8H06092 | 0.010 | **11** | 2 | 8/6/2008 | 8/9/2008 | |
| Copper | EPA 6010B-Diss | 8H06092 | 0.020 | ND | 2 | 8/6/2008 | 8/9/2008 | RL1 |

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Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2626

Sampled: 07/31/08
Received: 07/31/08

## INORGANICS

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| **Sample ID: IRG2626-01 (PTI-MW07-078 - Water)** | | | | | | | | |
| **Reporting Units: mg/l** | | | | | | | | |
| Chromium VI | EPA 7199 | 8G31105 | 0.0010 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| **Sample ID: IRG2626-01 (PTI-MW07-078 - Water)** | | | | | | | | |
| **Reporting Units: pH Units** | | | | | | | | |
| **pH** | EPA 150.1 | 8H01069 | 0.100 | **7.66** | 1 | 8/1/2008 | 8/1/2008 | HFT |
| **Sample ID: IRG2626-03 (PTI-MW06B-078 - Water)** | | | | | | | | |
| **Reporting Units: mg/l** | | | | | | | | |
| **Chromium VI** | EPA 7199 | 8G31105 | 0.0010 | **0.0012** | 1 | 7/31/2008 | 7/31/2008 | |
| **Sample ID: IRG2626-03 (PTI-MW06B-078 - Water)** | | | | | | | | |
| **Reporting Units: pH Units** | | | | | | | | |
| **pH** | EPA 150.1 | 8H01069 | 0.100 | **7.40** | 1 | 8/1/2008 | 8/1/2008 | HFT |
| **Sample ID: IRG2626-04 (PTI-EB03-078 - Water)** | | | | | | | | |
| **Reporting Units: mg/l** | | | | | | | | |
| Chromium VI | EPA 7199 | 8G31105 | 0.0010 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| **Sample ID: IRG2626-04 (PTI-EB03-078 - Water)** | | | | | | | | |
| **Reporting Units: pH Units** | | | | | | | | |
| **pH** | EPA 150.1 | 8H01069 | 0.100 | **8.33** | 1 | 8/1/2008 | 8/1/2008 | HFT |
| **Sample ID: IRG2626-05 (PTI-MW06D-078 - Water)** | | | | | | | | |
| **Reporting Units: mg/l** | | | | | | | | |
| **Chromium VI** | EPA 7199 | 8G31105 | 0.0010 | **0.0041** | 1 | 7/31/2008 | 7/31/2008 | |
| **Sample ID: IRG2626-05 (PTI-MW06D-078 - Water)** | | | | | | | | |
| **Reporting Units: pH Units** | | | | | | | | |
| **pH** | EPA 150.1 | 8H01069 | 0.100 | **7.68** | 1 | 8/1/2008 | 8/1/2008 | HFT |
| **Sample ID: IRG2626-06 (PTI-FB01-078 - Water)** | | | | | | | | |
| **Reporting Units: mg/l** | | | | | | | | |
| Chromium VI | EPA 7199 | 8G31105 | 0.0010 | ND | 1 | 7/31/2008 | 7/31/2008 | |
| **Sample ID: IRG2626-06 (PTI-FB01-078 - Water)** | | | | | | | | |
| **Reporting Units: pH Units** | | | | | | | | |
| **pH** | EPA 150.1 | 8H01069 | 0.100 | **8.20** | 1 | 8/1/2008 | 8/1/2008 | HFT |

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## INORGANICS

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| **Sample ID: IRG2626-07 (PTI-MW04A-078 - Water)** | | | | | | | | |
| **Reporting Units: mg/l** | | | | | | | | |
| **Chromium VI** | EPA 7199 | 8G31105 | 0.0010 | **0.0064** | 1 | 7/31/2008 | 7/31/2008 | |
| **Sample ID: IRG2626-07 (PTI-MW04A-078 - Water)** | | | | | | | | |
| **Reporting Units: pH Units** | | | | | | | | |
| **pH** | EPA 150.1 | 8H01069 | 0.100 | **7.22** | 1 | 8/1/2008 | 8/1/2008 | HFT |
| **Sample ID: IRG2626-08 (PTI-MW04-078 - Water)** | | | | | | | | |
| **Reporting Units: mg/l** | | | | | | | | |
| **Chromium VI** | EPA 7199 | 8G31105 | 1.0 | **10** | 1000 | 7/31/2008 | 7/31/2008 | |
| **Sample ID: IRG2626-08 (PTI-MW04-078 - Water)** | | | | | | | | |
| **Reporting Units: pH Units** | | | | | | | | |
| **pH** | EPA 150.1 | 8H01069 | 0.100 | **7.15** | 1 | 8/1/2008 | 8/1/2008 | HFT |
| **Sample ID: IRG2626-09 (PTI-MW34-078 - Water)** | | | | | | | | |
| **Reporting Units: mg/l** | | | | | | | | |
| **Chromium VI** | EPA 7199 | 8G31105 | 1.0 | **11** | 1000 | 7/31/2008 | 7/31/2008 | |
| **Sample ID: IRG2626-09 (PTI-MW34-078 - Water)** | | | | | | | | |
| **Reporting Units: pH Units** | | | | | | | | |
| **pH** | EPA 150.1 | 8H01069 | 0.100 | **7.04** | 1 | 8/1/2008 | 8/1/2008 | HFT |

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Iris Environmental
1438 Webster Street, Suite 302
Oakland, CA 94612
Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2626

Sampled: 07/31/08
Received: 07/31/08

# SHORT HOLD TIME DETAIL REPORT

| | Hold Time (in days) | Date/Time Sampled | Date/Time Received | Date/Time Extracted | Date/Time Analyzed |
|---|---|---|---|---|---|
| **Sample ID: PTI-MW07-078 (IRG2626-01) - Water** | | | | | |
| EPA 150.1 | 0 | 07/31/2008 08:10 | 07/31/2008 15:35 | 08/01/2008 09:40 | 08/01/2008 09:40 |
| EPA 7199 | 1 | 07/31/2008 08:10 | 07/31/2008 15:35 | 07/31/2008 17:56 | 07/31/2008 18:19 |
| **Sample ID: PTI-MW06B-078 (IRG2626-03) - Water** | | | | | |
| EPA 150.1 | 0 | 07/31/2008 09:00 | 07/31/2008 15:35 | 08/01/2008 09:40 | 08/01/2008 09:40 |
| EPA 7199 | 1 | 07/31/2008 09:00 | 07/31/2008 15:35 | 07/31/2008 17:56 | 07/31/2008 18:28 |
| **Sample ID: PTI-EB03-078 (IRG2626-04) - Water** | | | | | |
| EPA 150.1 | 0 | 07/31/2008 09:15 | 07/31/2008 15:35 | 08/01/2008 09:40 | 08/01/2008 09:40 |
| EPA 7199 | 1 | 07/31/2008 09:15 | 07/31/2008 15:35 | 07/31/2008 17:56 | 07/31/2008 18:38 |
| **Sample ID: PTI-MW06D-078 (IRG2626-05) - Water** | | | | | |
| EPA 150.1 | 0 | 07/31/2008 09:55 | 07/31/2008 15:35 | 08/01/2008 09:40 | 08/01/2008 09:40 |
| EPA 7199 | 1 | 07/31/2008 09:55 | 07/31/2008 15:35 | 07/31/2008 17:56 | 07/31/2008 19:07 |
| **Sample ID: PTI-FB01-078 (IRG2626-06) - Water** | | | | | |
| EPA 150.1 | 0 | 07/31/2008 10:35 | 07/31/2008 15:35 | 08/01/2008 09:40 | 08/01/2008 09:40 |
| EPA 7199 | 1 | 07/31/2008 10:35 | 07/31/2008 15:35 | 07/31/2008 17:56 | 07/31/2008 19:58 |
| **Sample ID: PTI-MW04A-078 (IRG2626-07) - Water** | | | | | |
| EPA 150.1 | 0 | 07/31/2008 11:15 | 07/31/2008 15:35 | 08/01/2008 09:40 | 08/01/2008 09:40 |
| EPA 7199 | 1 | 07/31/2008 11:15 | 07/31/2008 15:35 | 07/31/2008 17:56 | 07/31/2008 20:45 |
| **Sample ID: PTI-MW04-078 (IRG2626-08) - Water** | | | | | |
| EPA 150.1 | 0 | 07/31/2008 14:10 | 07/31/2008 15:35 | 08/01/2008 09:40 | 08/01/2008 09:40 |
| EPA 7199 | 1 | 07/31/2008 14:10 | 07/31/2008 15:35 | 07/31/2008 17:56 | 07/31/2008 21:17 |
| **Sample ID: PTI-MW34-078 (IRG2626-09) - Water** | | | | | |
| EPA 150.1 | 0 | 07/31/2008 14:10 | 07/31/2008 15:35 | 08/01/2008 09:40 | 08/01/2008 09:40 |
| EPA 7199 | 1 | 07/31/2008 14:10 | 07/31/2008 15:35 | 07/31/2008 17:56 | 07/31/2008 21:26 |

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Sushmitha Reddy For Patty Mata
Project Manager

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06-441-C
Report Number: IRG2626

Sampled: 07/31/08
Received: 07/31/08

## METHOD BLANK/QC DATA

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: 8H01017 Extracted: 08/01/08** | | | | | | | | | | |
| **Blank Analyzed: 08/01/2008 (8H01017-BLK1)** | | | | | | | | | | |
| Benzene | ND | 0.50 | ug/l | | | | | | | |
| Bromobenzene | ND | 1.0 | ug/l | | | | | | | |
| Bromochloromethane | ND | 1.0 | ug/l | | | | | | | |
| Bromodichloromethane | ND | 1.0 | ug/l | | | | | | | |
| Bromoform | ND | 1.0 | ug/l | | | | | | | |
| Bromomethane | ND | 1.0 | ug/l | | | | | | | |
| n-Butylbenzene | ND | 1.0 | ug/l | | | | | | | |
| tert-Butylbenzene | ND | 1.0 | ug/l | | | | | | | |
| sec-Butylbenzene | ND | 1.0 | ug/l | | | | | | | |
| rbon tetrachloride | ND | 0.50 | ug/l | | | | | | | |
| hlorobenzene | ND | 1.0 | ug/l | | | | | | | |
| Chloroethane | ND | 1.0 | ug/l | | | | | | | |
| Chloroform | ND | 1.0 | ug/l | | | | | | | |
| Chloromethane | ND | 1.0 | ug/l | | | | | | | |
| 4-Chlorotoluene | ND | 1.0 | ug/l | | | | | | | |
| 2-Chlorotoluene | ND | 1.0 | ug/l | | | | | | | |
| 1,2-Dibromo-3-chloropropane | ND | 5.0 | ug/l | | | | | | | |
| Dibromochloromethane | ND | 1.0 | ug/l | | | | | | | |
| 1,2-Dibromoethane (EDB) | ND | 1.0 | ug/l | | | | | | | |
| Dibromomethane | ND | 1.0 | ug/l | | | | | | | |
| 1,2-Dichlorobenzene | ND | 1.0 | ug/l | | | | | | | |
| 1,3-Dichlorobenzene | ND | 1.0 | ug/l | | | | | | | |
| 1,4-Dichlorobenzene | ND | 1.0 | ug/l | | | | | | | |
| Dichlorodifluoromethane | ND | 5.0 | ug/l | | | | | | | |
| 1,1-Dichloroethane | ND | 1.0 | ug/l | | | | | | | |
| 1,1-Dichloroethene | ND | 1.0 | ug/l | | | | | | | |
| cis-1,2-Dichloroethene | ND | 1.0 | ug/l | | | | | | | |
| trans-1,2-Dichloroethene | ND | 1.0 | ug/l | | | | | | | |
| 1,3-Dichloropropane | ND | 1.0 | ug/l | | | | | | | |
| 2,2-Dichloropropane | ND | 1.0 | ug/l | | | | | | | |
| 1,2-Dichloropropane | ND | 1.0 | ug/l | | | | | | | |
| cis-1,3-Dichloropropene | ND | 0.50 | ug/l | | | | | | | |
| trans-1,3-Dichloropropene | ND | 0.50 | ug/l | | | | | | | |
| 1,1-Dichloropropene | ND | 1.0 | ug/l | | | | | | | |
| Ethylbenzene | ND | 1.0 | ug/l | | | | | | | |
| 1.2-Dichloroethane | ND | 0.50 | ug/l | | | | | | | |

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Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2626

Sampled: 07/31/08
Received: 07/31/08

## METHOD BLANK/QC DATA

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: 8H01017 Extracted: 08/01/08** | | | | | | | | | | |
| **Blank Analyzed: 08/01/2008 (8H01017-BLK1)** | | | | | | | | | | |
| Hexachlorobutadiene | ND | 1.0 | ug/l | | | | | | | |
| Isopropylbenzene | ND | 1.0 | ug/l | | | | | | | |
| p-Isopropyltoluene | ND | 1.0 | ug/l | | | | | | | |
| Methylene chloride | ND | 5.0 | ug/l | | | | | | | |
| Naphthalene | ND | 1.0 | ug/l | | | | | | | |
| n-Propylbenzene | ND | 1.0 | ug/l | | | | | | | |
| Styrene | ND | 1.0 | ug/l | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | ug/l | | | | | | | |
| 1,1,2,2-Tetrachloroethane | ND | 1.0 | ug/l | | | | | | | |
| Tetrachloroethene | ND | 1.0 | ug/l | | | | | | | |
| Toluene | ND | 1.0 | ug/l | | | | | | | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | ug/l | | | | | | | |
| 1,2,4-Trichlorobenzene | ND | 1.0 | ug/l | | | | | | | |
| 1,1,1-Trichloroethane | ND | 1.0 | ug/l | | | | | | | |
| 1,1,2-Trichloroethane | ND | 1.0 | ug/l | | | | | | | |
| Trichloroethene | ND | 1.0 | ug/l | | | | | | | |
| Trichlorofluoromethane | ND | 1.0 | ug/l | | | | | | | |
| 1,2,3-Trichloropropane | ND | 1.0 | ug/l | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | 1.0 | ug/l | | | | | | | |
| 1,3,5-Trimethylbenzene | ND | 1.0 | ug/l | | | | | | | |
| Vinyl chloride | ND | 0.50 | ug/l | | | | | | | |
| m,p-Xylenes | ND | 1.0 | ug/l | | | | | | | |
| o-Xylene | ND | 1.0 | ug/l | | | | | | | |
| *Surrogate: 4-Bromofluorobenzene* | *21.7* | | *ug/l* | *25.0* | | *87* | *80-120* | | | |
| *Surrogate: Dibromofluoromethane* | *22.9* | | *ug/l* | *25.0* | | *91* | *80-120* | | | |
| *Surrogate: Toluene-d8* | *24.9* | | *ug/l* | *25.0* | | *100* | *80-120* | | | |
| **LCS Analyzed: 08/01/2008 (8H01017-BS1)** | | | | | | | | | | |
| Benzene | 27.9 | 0.50 | ug/l | 25.0 | | 112 | 70-120 | | | |
| Bromobenzene | 23.2 | 1.0 | ug/l | 25.0 | | 93 | 75-120 | | | |
| Bromochloromethane | 24.6 | 1.0 | ug/l | 25.0 | | 99 | 70-130 | | | |
| Bromodichloromethane | 25.9 | 1.0 | ug/l | 25.0 | | 104 | 70-135 | | | |
| Bromoform | 22.6 | 1.0 | ug/l | 25.0 | | 91 | 55-130 | | | |
| Bromomethane | 22.6 | 1.0 | ug/l | 25.0 | | 90 | 65-140 | | | |
| n-Butylbenzene | 27.3 | 1.0 | ug/l | 25.0 | | 109 | 70-130 | | | |
| tert-Butylbenzene | 25.8 | 1.0 | ug/l | 25.0 | | 103 | 70-125 | | | |

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Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2626

Sampled: 07/31/08
Received: 07/31/08

## METHOD BLANK/QC DATA

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: 8H01017 Extracted: 08/01/08** | | | | | | | | | | |
| **LCS Analyzed: 08/01/2008 (8H01017-BS1)** | | | | | | | | | | |
| sec-Butylbenzene | 27.9 | 1.0 | ug/l | 25.0 | | 111 | 70-125 | | | |
| Carbon tetrachloride | 27.4 | 0.50 | ug/l | 25.0 | | 110 | 65-140 | | | |
| Chlorobenzene | 22.9 | 1.0 | ug/l | 25.0 | | 92 | 75-120 | | | |
| Chloroethane | 27.7 | 1.0 | ug/l | 25.0 | | 111 | 60-140 | | | |
| Chloroform | 24.7 | 1.0 | ug/l | 25.0 | | 99 | 70-130 | | | |
| Chloromethane | 19.2 | 1.0 | ug/l | 25.0 | | 77 | 50-140 | | | |
| 4-Chlorotoluene | 25.4 | 1.0 | ug/l | 25.0 | | 102 | 75-125 | | | |
| 2-Chlorotoluene | 24.9 | 1.0 | ug/l | 25.0 | | 100 | 70-125 | | | |
| 1,2-Dibromo-3-chloropropane | 27.9 | 5.0 | ug/l | 25.0 | | 112 | 50-135 | | | |
| Dibromochloromethane | 22.9 | 1.0 | ug/l | 25.0 | | 92 | 70-140 | | | |
| 1,2-Dibromoethane (EDB) | 23.2 | 1.0 | ug/l | 25.0 | | 93 | 75-125 | | | |
| Dibromomethane | 25.1 | 1.0 | ug/l | 25.0 | | 100 | 70-125 | | | |
| 1,2-Dichlorobenzene | 25.4 | 1.0 | ug/l | 25.0 | | 101 | 75-120 | | | |
| 1,3-Dichlorobenzene | 25.3 | 1.0 | ug/l | 25.0 | | 101 | 75-120 | | | |
| 1,4-Dichlorobenzene | 23.9 | 1.0 | ug/l | 25.0 | | 96 | 75-120 | | | |
| Dichlorodifluoromethane | 19.6 | 5.0 | ug/l | 25.0 | | 78 | 35-155 | | | |
| 1,1-Dichloroethane | 27.4 | 1.0 | ug/l | 25.0 | | 110 | 70-125 | | | |
| 1,1-Dichloroethene | 23.6 | 1.0 | ug/l | 25.0 | | 95 | 70-125 | | | |
| cis-1,2-Dichloroethene | 26.6 | 1.0 | ug/l | 25.0 | | 106 | 70-125 | | | |
| trans-1,2-Dichloroethene | 26.0 | 1.0 | ug/l | 25.0 | | 104 | 70-125 | | | |
| 1,3-Dichloropropane | 25.3 | 1.0 | ug/l | 25.0 | | 101 | 70-120 | | | |
| 2,2-Dichloropropane | 26.5 | 1.0 | ug/l | 25.0 | | 106 | 65-140 | | | |
| 1,2-Dichloropropane | 26.4 | 1.0 | ug/l | 25.0 | | 106 | 70-125 | | | |
| cis-1,3-Dichloropropene | 28.6 | 0.50 | ug/l | 25.0 | | 114 | 75-125 | | | |
| trans-1,3-Dichloropropene | 21.9 | 0.50 | ug/l | 25.0 | | 88 | 70-125 | | | |
| 1,1-Dichloropropene | 26.4 | 1.0 | ug/l | 25.0 | | 106 | 75-130 | | | |
| Ethylbenzene | 24.6 | 1.0 | ug/l | 25.0 | | 98 | 75-125 | | | |
| 1,2-Dichloroethane | 21.2 | 0.50 | ug/l | 25.0 | | 85 | 60-140 | | | |
| Hexachlorobutadiene | 21.1 | 1.0 | ug/l | 25.0 | | 84 | 65-135 | | | |
| Isopropylbenzene | 26.0 | 1.0 | ug/l | 25.0 | | 104 | 75-130 | | | |
| p-Isopropyltoluene | 27.5 | 1.0 | ug/l | 25.0 | | 110 | 75-125 | | | |
| Methylene chloride | 24.2 | 5.0 | ug/l | 25.0 | | 97 | 55-130 | | | |
| Naphthalene | 25.4 | 1.0 | ug/l | 25.0 | | 102 | 55-135 | | | |
| n-Propylbenzene | 26.8 | 1.0 | ug/l | 25.0 | | 107 | 75-130 | | | |
| Styrene | 24.9 | 1.0 | ug/l | 25.0 | | 100 | 75-130 | | | |
| 1,1,1,2-Tetrachloroethane | 22.4 | 1.0 | ug/l | 25.0 | | 90 | 70-130 | | | |

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06-441-C
Report Number: IRG2626

Sampled: 07/31/08
Received: 07/31/08

## METHOD BLANK/QC DATA

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: 8H01017 Extracted: 08/01/08** | | | | | | | | | | |
| **LCS Analyzed: 08/01/2008 (8H01017-BS1)** | | | | | | | | | | |
| 1,1,2,2-Tetrachloroethane | 26.9 | 1.0 | ug/l | 25.0 | | 108 | 55-130 | | | |
| Tetrachloroethene | 21.7 | 1.0 | ug/l | 25.0 | | 87 | 70-125 | | | |
| Toluene | 26.8 | 1.0 | ug/l | 25.0 | | 107 | 70-120 | | | |
| 1,2,3-Trichlorobenzene | 24.2 | 1.0 | ug/l | 25.0 | | 97 | 65-125 | | | |
| 1,2,4-Trichlorobenzene | 24.7 | 1.0 | ug/l | 25.0 | | 99 | 70-135 | | | |
| 1,1,1-Trichloroethane | 24.7 | 1.0 | ug/l | 25.0 | | 99 | 65-135 | | | |
| 1,1,2-Trichloroethane | 27.1 | 1.0 | ug/l | 25.0 | | 109 | 70-125 | | | |
| Trichloroethene | 23.0 | 1.0 | ug/l | 25.0 | | 92 | 70-125 | | | |
| Trichlorofluoromethane | 23.8 | 1.0 | ug/l | 25.0 | | 95 | 65-145 | | | |
| `,3-Trichloropropane | 25.4 | 1.0 | ug/l | 25.0 | | 102 | 60-130 | | | |
| 2,4-Trimethylbenzene | 26.5 | 1.0 | ug/l | 25.0 | | 106 | 75-125 | | | |
| 1,3,5-Trimethylbenzene | 26.2 | 1.0 | ug/l | 25.0 | | 105 | 75-125 | | | |
| Vinyl chloride | 20.9 | 0.50 | ug/l | 25.0 | | 84 | 55-135 | | | |
| m,p-Xylenes | 49.2 | 1.0 | ug/l | 50.0 | | 98 | 75-125 | | | |
| o-Xylene | 25.0 | 1.0 | ug/l | 25.0 | | 100 | 75-125 | | | |
| *Surrogate: 4-Bromofluorobenzene* | *22.5* | | *ug/l* | *25.0* | | *90* | *80-120* | | | |
| *Surrogate: Dibromofluoromethane* | *23.6* | | *ug/l* | *25.0* | | *95* | *80-120* | | | |
| *Surrogate: Toluene-d8* | *25.2* | | *ug/l* | *25.0* | | *101* | *80-120* | | | |
| **Matrix Spike Analyzed: 08/01/2008 (8H01017-MS1)** | | | | | **Source: IRG2626-03** | | | | | |
| Benzene | 27.8 | 0.50 | ug/l | 25.0 | ND | 111 | 65-125 | | | |
| Bromobenzene | 24.7 | 1.0 | ug/l | 25.0 | ND | 99 | 70-125 | | | |
| Bromochloromethane | 24.8 | 1.0 | ug/l | 25.0 | ND | 99 | 65-135 | | | |
| Bromodichloromethane | 26.2 | 1.0 | ug/l | 25.0 | ND | 105 | 70-135 | | | |
| Bromoform | 22.7 | 1.0 | ug/l | 25.0 | ND | 91 | 55-135 | | | |
| Bromomethane | 22.9 | 1.0 | ug/l | 25.0 | ND | 92 | 55-145 | | | |
| n-Butylbenzene | 29.3 | 1.0 | ug/l | 25.0 | ND | 117 | 65-135 | | | |
| tert-Butylbenzene | 27.0 | 1.0 | ug/l | 25.0 | ND | 108 | 65-130 | | | |
| sec-Butylbenzene | 29.6 | 1.0 | ug/l | 25.0 | ND | 118 | 70-125 | | | |
| Carbon tetrachloride | 27.2 | 0.50 | ug/l | 25.0 | ND | 109 | 65-140 | | | |
| Chlorobenzene | 23.7 | 1.0 | ug/l | 25.0 | ND | 95 | 75-125 | | | |
| Chloroethane | 28.3 | 1.0 | ug/l | 25.0 | ND | 113 | 55-140 | | | |
| Chloroform | 25.1 | 1.0 | ug/l | 25.0 | ND | 101 | 65-135 | | | |
| Chloromethane | 20.0 | 1.0 | ug/l | 25.0 | ND | 80 | 45-145 | | | |
| 4-Chlorotoluene | 27.1 | 1.0 | ug/l | 25.0 | ND | 108 | 70-135 | | | |
| 2-Chlorotoluene | 26.1 | 1.0 | ug/l | 25.0 | ND | 105 | 65-135 | | | |

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## METHOD BLANK/QC DATA

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: 8H01017 Extracted: 08/01/08** | | | | | | | | | | |
| **Matrix Spike Analyzed: 08/01/2008 (8H01017-MS1)** | | | | | **Source: IRG2626-03** | | | | | |
| 1,2-Dibromo-3-chloropropane | 27.7 | 5.0 | ug/l | 25.0 | ND | 111 | 45-145 | | | |
| Dibromochloromethane | 23.3 | 1.0 | ug/l | 25.0 | ND | 93 | 65-140 | | | |
| 1,2-Dibromoethane (EDB) | 23.6 | 1.0 | ug/l | 25.0 | ND | 94 | 70-130 | | | |
| Dibromomethane | 24.8 | 1.0 | ug/l | 25.0 | ND | 99 | 65-135 | | | |
| 1,2-Dichlorobenzene | 27.1 | 1.0 | ug/l | 25.0 | ND | 108 | 75-125 | | | |
| 1,3-Dichlorobenzene | 27.0 | 1.0 | ug/l | 25.0 | ND | 108 | 75-125 | | | |
| 1,4-Dichlorobenzene | 25.7 | 1.0 | ug/l | 25.0 | ND | 103 | 75-125 | | | |
| Dichlorodifluoromethane | 23.8 | 5.0 | ug/l | 25.0 | ND | 95 | 25-155 | | | |
| 1,1-Dichloroethane | 28.7 | 1.0 | ug/l | 25.0 | 1.31 | 110 | 65-130 | | | |
| 1,1-Dichloroethene | 25.0 | 1.0 | ug/l | 25.0 | 1.31 | 95 | 60-130 | | | |
| cis-1,2-Dichloroethene | 27.5 | 1.0 | ug/l | 25.0 | 0.320 | 109 | 65-130 | | | |
| trans-1,2-Dichloroethene | 25.8 | 1.0 | ug/l | 25.0 | ND | 103 | 65-130 | | | |
| 1,3-Dichloropropane | 25.6 | 1.0 | ug/l | 25.0 | ND | 102 | 65-135 | | | |
| 2,2-Dichloropropane | 26.7 | 1.0 | ug/l | 25.0 | ND | 107 | 60-145 | | | |
| 1,2-Dichloropropane | 26.6 | 1.0 | ug/l | 25.0 | ND | 107 | 65-130 | | | |
| cis-1,3-Dichloropropene | 28.1 | 0.50 | ug/l | 25.0 | ND | 112 | 70-130 | | | |
| trans-1,3-Dichloropropene | 21.8 | 0.50 | ug/l | 25.0 | ND | 87 | 65-135 | | | |
| 1,1-Dichloropropene | 26.2 | 1.0 | ug/l | 25.0 | ND | 105 | 70-135 | | | |
| Ethylbenzene | 25.6 | 1.0 | ug/l | 25.0 | ND | 102 | 65-130 | | | |
| 1,2-Dichloroethane | 21.1 | 0.50 | ug/l | 25.0 | ND | 85 | 60-140 | | | |
| Hexachlorobutadiene | 22.4 | 1.0 | ug/l | 25.0 | ND | 90 | 60-135 | | | |
| Isopropylbenzene | 27.2 | 1.0 | ug/l | 25.0 | ND | 109 | 70-135 | | | |
| p-Isopropyltoluene | 29.5 | 1.0 | ug/l | 25.0 | ND | 118 | 65-130 | | | |
| Methylene chloride | 24.7 | 5.0 | ug/l | 25.0 | ND | 99 | 50-135 | | | |
| Naphthalene | 26.7 | 1.0 | ug/l | 25.0 | ND | 107 | 50-140 | | | |
| n-Propylbenzene | 28.4 | 1.0 | ug/l | 25.0 | ND | 114 | 70-135 | | | |
| Styrene | 25.4 | 1.0 | ug/l | 25.0 | ND | 102 | 50-145 | | | |
| 1,1,1,2-Tetrachloroethane | 23.3 | 1.0 | ug/l | 25.0 | ND | 93 | 65-140 | | | |
| 1,1,2,2-Tetrachloroethane | 28.7 | 1.0 | ug/l | 25.0 | ND | 115 | 55-135 | | | |
| Tetrachloroethene | 34.3 | 1.0 | ug/l | 25.0 | 11.4 | 92 | 65-130 | | | |
| Toluene | 27.0 | 1.0 | ug/l | 25.0 | ND | 108 | 70-125 | | | |
| 1,2,3-Trichlorobenzene | 26.4 | 1.0 | ug/l | 25.0 | ND | 106 | 60-135 | | | |
| 1,2,4-Trichlorobenzene | 27.2 | 1.0 | ug/l | 25.0 | ND | 109 | 65-135 | | | |
| 1,1,1-Trichloroethane | 24.7 | 1.0 | ug/l | 25.0 | ND | 99 | 65-140 | | | |
| 1,1,2-Trichloroethane | 27.0 | 1.0 | ug/l | 25.0 | ND | 108 | 65-130 | | | |
| Trichloroethene | 35.2 | 1.0 | ug/l | 25.0 | 11.4 | 95 | 65-125 | | | |

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Iris Environmental
1438 Webster Street, Suite 302
Oakland, CA 94612
Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2626

Sampled: 07/31/08
Received: 07/31/08

## METHOD BLANK/QC DATA

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: 8H01017 Extracted: 08/01/08** | | | | | | | | | | |
| **Matrix Spike Analyzed: 08/01/2008 (8H01017-MS1)** | | | | | **Source: IRG2626-03** | | | | | |
| Trichlorofluoromethane | 24.5 | 1.0 | ug/l | 25.0 | ND | 98 | 60-145 | | | |
| 1,2,3-Trichloropropane | 26.5 | 1.0 | ug/l | 25.0 | ND | 106 | 55-135 | | | |
| 1,2,4-Trimethylbenzene | 28.0 | 1.0 | ug/l | 25.0 | ND | 112 | 55-135 | | | |
| 1,3,5-Trimethylbenzene | 27.9 | 1.0 | ug/l | 25.0 | ND | 112 | 70-130 | | | |
| Vinyl chloride | 21.3 | 0.50 | ug/l | 25.0 | ND | 85 | 45-140 | | | |
| m,p-Xylenes | 51.5 | 1.0 | ug/l | 50.0 | ND | 103 | 65-130 | | | |
| o-Xylene | 25.6 | 1.0 | ug/l | 25.0 | ND | 103 | 65-125 | | | |
| *Surrogate: 4-Bromofluorobenzene* | *23.0* | | *ug/l* | *25.0* | | *92* | *80-120* | | | |
| *Surrogate: Dibromofluoromethane* | *23.4* | | *ug/l* | *25.0* | | *94* | *80-120* | | | |
| *rrogate: Toluene-d8* | *24.7* | | *ug/l* | *25.0* | | *99* | *80-120* | | | |
| **Matrix Spike Dup Analyzed: 08/01/2008 (8H01017-MSD1)** | | | | | **Source: IRG2626-03** | | | | | |
| Benzene | 26.6 | 0.50 | ug/l | 25.0 | ND | 106 | 65-125 | 5 | 20 | |
| Bromobenzene | 23.9 | 1.0 | ug/l | 25.0 | ND | 95 | 70-125 | 3 | 20 | |
| Bromochloromethane | 23.8 | 1.0 | ug/l | 25.0 | ND | 95 | 65-135 | 4 | 25 | |
| Bromodichloromethane | 24.6 | 1.0 | ug/l | 25.0 | ND | 98 | 70-135 | 6 | 20 | |
| Bromoform | 22.4 | 1.0 | ug/l | 25.0 | ND | 90 | 55-135 | 1 | 25 | |
| Bromomethane | 22.0 | 1.0 | ug/l | 25.0 | ND | 88 | 55-145 | 4 | 25 | |
| n-Butylbenzene | 27.8 | 1.0 | ug/l | 25.0 | ND | 111 | 65-135 | 5 | 20 | |
| tert-Butylbenzene | 25.8 | 1.0 | ug/l | 25.0 | ND | 103 | 65-130 | 5 | 20 | |
| sec-Butylbenzene | 28.0 | 1.0 | ug/l | 25.0 | ND | 112 | 70-125 | 5 | 20 | |
| Carbon tetrachloride | 25.4 | 0.50 | ug/l | 25.0 | ND | 101 | 65-140 | 7 | 25 | |
| Chlorobenzene | 22.8 | 1.0 | ug/l | 25.0 | ND | 91 | 75-125 | 4 | 20 | |
| Chloroethane | 27.1 | 1.0 | ug/l | 25.0 | ND | 108 | 55-140 | 4 | 25 | |
| Chloroform | 24.1 | 1.0 | ug/l | 25.0 | ND | 96 | 65-135 | 4 | 20 | |
| Chloromethane | 19.7 | 1.0 | ug/l | 25.0 | ND | 79 | 45-145 | 1 | 25 | |
| 4-Chlorotoluene | 25.8 | 1.0 | ug/l | 25.0 | ND | 103 | 70-135 | 5 | 20 | |
| 2-Chlorotoluene | 25.2 | 1.0 | ug/l | 25.0 | ND | 101 | 65-135 | 4 | 20 | |
| 1,2-Dibromo-3-chloropropane | 26.6 | 5.0 | ug/l | 25.0 | ND | 106 | 45-145 | 4 | 30 | |
| Dibromochloromethane | 22.9 | 1.0 | ug/l | 25.0 | ND | 92 | 65-140 | 2 | 25 | |
| 1,2-Dibromoethane (EDB) | 23.3 | 1.0 | ug/l | 25.0 | ND | 93 | 70-130 | 1 | 25 | |
| Dibromomethane | 23.5 | 1.0 | ug/l | 25.0 | ND | 94 | 65-135 | 5 | 25 | |
| 1,2-Dichlorobenzene | 25.7 | 1.0 | ug/l | 25.0 | ND | 103 | 75-125 | 5 | 20 | |
| 1,3-Dichlorobenzene | 25.8 | 1.0 | ug/l | 25.0 | ND | 103 | 75-125 | 5 | 20 | |
| 1,4-Dichlorobenzene | 24.6 | 1.0 | ug/l | 25.0 | ND | 99 | 75-125 | 4 | 20 | |
| Dichlorodifluoromethane | 22.8 | 5.0 | ug/l | 25.0 | ND | 91 | 25-155 | 4 | 30 | |

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Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2626

Sampled: 07/31/08
Received: 07/31/08

## METHOD BLANK/QC DATA

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: 8H01017 Extracted: 08/01/08** | | | | | | | | | | |
| **Matrix Spike Dup Analyzed: 08/01/2008 (8H01017-MSD1)** | | | | | **Source: IRG2626-03** | | | | | |
| 1,1-Dichloroethane | 27.3 | 1.0 | ug/l | 25.0 | 1.31 | 104 | 65-130 | 5 | 20 | |
| 1,1-Dichloroethene | 24.5 | 1.0 | ug/l | 25.0 | 1.31 | 93 | 60-130 | 2 | 20 | |
| cis-1,2-Dichloroethene | 26.4 | 1.0 | ug/l | 25.0 | 0.320 | 104 | 65-130 | 4 | 20 | |
| trans-1,2-Dichloroethene | 25.3 | 1.0 | ug/l | 25.0 | ND | 101 | 65-130 | 2 | 20 | |
| 1,3-Dichloropropane | 24.9 | 1.0 | ug/l | 25.0 | ND | 99 | 65-135 | 3 | 25 | |
| 2,2-Dichloropropane | 25.4 | 1.0 | ug/l | 25.0 | ND | 102 | 60-145 | 5 | 25 | |
| 1,2-Dichloropropane | 25.3 | 1.0 | ug/l | 25.0 | ND | 101 | 65-130 | 5 | 20 | |
| cis-1,3-Dichloropropene | 27.4 | 0.50 | ug/l | 25.0 | ND | 109 | 70-130 | 2 | 20 | |
| trans-1,3-Dichloropropene | 21.0 | 0.50 | ug/l | 25.0 | ND | 84 | 65-135 | 4 | 25 | |
| ¹-Dichloropropene | 24.8 | 1.0 | ug/l | 25.0 | ND | 99 | 70-135 | 6 | 20 | |
| hylbenzene | 24.5 | 1.0 | ug/l | 25.0 | ND | 98 | 65-130 | 4 | 20 | |
| 1,2-Dichloroethane | 20.0 | 0.50 | ug/l | 25.0 | ND | 80 | 60-140 | 5 | 20 | |
| Hexachlorobutadiene | 21.0 | 1.0 | ug/l | 25.0 | ND | 84 | 60-135 | 6 | 20 | |
| Isopropylbenzene | 26.1 | 1.0 | ug/l | 25.0 | ND | 104 | 70-135 | 4 | 20 | |
| p-Isopropyltoluene | 27.7 | 1.0 | ug/l | 25.0 | ND | 111 | 65-130 | 6 | 20 | |
| Methylene chloride | 24.1 | 5.0 | ug/l | 25.0 | ND | 97 | 50-135 | 2 | 20 | |
| Naphthalene | 25.6 | 1.0 | ug/l | 25.0 | ND | 102 | 50-140 | 4 | 30 | |
| n-Propylbenzene | 27.1 | 1.0 | ug/l | 25.0 | ND | 108 | 70-135 | 5 | 20 | |
| Styrene | 23.8 | 1.0 | ug/l | 25.0 | ND | 95 | 50-145 | 7 | 30 | |
| 1,1,1,2-Tetrachloroethane | 22.1 | 1.0 | ug/l | 25.0 | ND | 89 | 65-140 | 5 | 20 | |
| 1,1,2,2-Tetrachloroethane | 27.8 | 1.0 | ug/l | 25.0 | ND | 111 | 55-135 | 3 | 30 | |
| Tetrachloroethene | 33.0 | 1.0 | ug/l | 25.0 | 11.4 | 86 | 65-130 | 4 | 20 | |
| Toluene | 25.8 | 1.0 | ug/l | 25.0 | ND | 103 | 70-125 | 5 | 20 | |
| 1,2,3-Trichlorobenzene | 24.5 | 1.0 | ug/l | 25.0 | ND | 98 | 60-135 | 7 | 20 | |
| 1,2,4-Trichlorobenzene | 25.9 | 1.0 | ug/l | 25.0 | ND | 104 | 65-135 | 5 | 20 | |
| 1,1,1-Trichloroethane | 23.6 | 1.0 | ug/l | 25.0 | ND | 95 | 65-140 | 4 | 20 | |
| 1,1,2-Trichloroethane | 26.2 | 1.0 | ug/l | 25.0 | ND | 105 | 65-130 | 3 | 25 | |
| Trichloroethene | 32.8 | 1.0 | ug/l | 25.0 | 11.4 | 86 | 65-125 | 7 | 20 | |
| Trichlorofluoromethane | 23.5 | 1.0 | ug/l | 25.0 | ND | 94 | 60-145 | 4 | 25 | |
| 1,2,3-Trichloropropane | 25.5 | 1.0 | ug/l | 25.0 | ND | 102 | 55-135 | 4 | 30 | |
| 1,2,4-Trimethylbenzene | 26.6 | 1.0 | ug/l | 25.0 | ND | 106 | 55-135 | 5 | 25 | |
| 1,3,5-Trimethylbenzene | 26.5 | 1.0 | ug/l | 25.0 | ND | 106 | 70-130 | 5 | 20 | |
| Vinyl chloride | 21.0 | 0.50 | ug/l | 25.0 | ND | 84 | 45-140 | 2 | 30 | |
| m,p-Xylenes | 49.6 | 1.0 | ug/l | 50.0 | ND | 99 | 65-130 | 4 | 25 | |
| o-Xylene | 24.8 | 1.0 | ug/l | 25.0 | ND | 99 | 65-125 | 3 | 20 | |
| *Surrogate: 4-Bromofluorobenzene* | *22.6* | | *ug/l* | *25.0* | | *91* | *80-120* | | | |

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Project Manager

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Iris Environmental
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Oakland, CA 94612
Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2626

Sampled: 07/31/08
Received: 07/31/08

## METHOD BLANK/QC DATA

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: 8H01017 Extracted: 08/01/08** | | | | | | | | | | |
| **Matrix Spike Dup Analyzed: 08/01/2008 (8H01017-MSD1)** | | | | | **Source: IRG2626-03** | | | | | |
| *Surrogate: Dibromofluoromethane* | *23.7* | | *ug/l* | *25.0* | | *95* | *80-120* | | | |
| *Surrogate: Toluene-d8* | *24.6* | | *ug/l* | *25.0* | | *98* | *80-120* | | | |
| **Batch: 8H02019 Extracted: 08/02/08** | | | | | | | | | | |
| **Blank Analyzed: 08/02/2008 (8H02019-BLK1)** | | | | | | | | | | |
| Benzene | ND | 0.50 | ug/l | | | | | | | |
| Bromobenzene | ND | 1.0 | ug/l | | | | | | | |
| Bromochloromethane | ND | 1.0 | ug/l | | | | | | | |
| Bromodichloromethane | ND | 1.0 | ug/l | | | | | | | |
| ›moform | ND | 1.0 | ug/l | | | | | | | |
| Bromomethane | ND | 1.0 | ug/l | | | | | | | |
| n-Butylbenzene | ND | 1.0 | ug/l | | | | | | | |
| tert-Butylbenzene | ND | 1.0 | ug/l | | | | | | | |
| sec-Butylbenzene | ND | 1.0 | ug/l | | | | | | | |
| Carbon tetrachloride | ND | 0.50 | ug/l | | | | | | | |
| Chlorobenzene | ND | 1.0 | ug/l | | | | | | | |
| Chloroethane | ND | 1.0 | ug/l | | | | | | | |
| Chloroform | ND | 1.0 | ug/l | | | | | | | |
| Chloromethane | ND | 1.0 | ug/l | | | | | | | |
| 4-Chlorotoluene | ND | 1.0 | ug/l | | | | | | | |
| 2-Chlorotoluene | ND | 1.0 | ug/l | | | | | | | |
| 1,2-Dibromo-3-chloropropane | ND | 5.0 | ug/l | | | | | | | |
| Dibromochloromethane | ND | 1.0 | ug/l | | | | | | | |
| 1,2-Dibromoethane (EDB) | ND | 1.0 | ug/l | | | | | | | |
| Dibromomethane | ND | 1.0 | ug/l | | | | | | | |
| 1,2-Dichlorobenzene | ND | 1.0 | ug/l | | | | | | | |
| 1,3-Dichlorobenzene | ND | 1.0 | ug/l | | | | | | | |
| 1,4-Dichlorobenzene | ND | 1.0 | ug/l | | | | | | | |
| Dichlorodifluoromethane | ND | 5.0 | ug/l | | | | | | | |
| 1,1-Dichloroethane | ND | 1.0 | ug/l | | | | | | | |
| 1,1-Dichloroethene | ND | 1.0 | ug/l | | | | | | | |
| cis-1,2-Dichloroethene | ND | 1.0 | ug/l | | | | | | | |
| trans-1,2-Dichloroethene | ND | 1.0 | ug/l | | | | | | | |
| 1,3-Dichloropropane | ND | 1.0 | ug/l | | | | | | | |
| 2,2-Dichloropropane | ND | 1.0 | ug/l | | | | | | | |

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Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2626

Sampled: 07/31/08
Received: 07/31/08

## METHOD BLANK/QC DATA

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: 8H02019 Extracted: 08/02/08** | | | | | | | | | | |
| **Blank Analyzed: 08/02/2008 (8H02019-BLK1)** | | | | | | | | | | |
| 1,2-Dichloropropane | ND | 1.0 | ug/l | | | | | | | |
| cis-1,3-Dichloropropene | ND | 0.50 | ug/l | | | | | | | |
| trans-1,3-Dichloropropene | ND | 0.50 | ug/l | | | | | | | |
| 1,1-Dichloropropene | ND | 1.0 | ug/l | | | | | | | |
| Ethylbenzene | ND | 1.0 | ug/l | | | | | | | |
| 1,2-Dichloroethane | ND | 0.50 | ug/l | | | | | | | |
| Hexachlorobutadiene | ND | 1.0 | ug/l | | | | | | | |
| Isopropylbenzene | ND | 1.0 | ug/l | | | | | | | |
| p-Isopropyltoluene | ND | 1.0 | ug/l | | | | | | | |
| ·thylene chloride | ND | 5.0 | ug/l | | | | | | | |
| aphthalene | ND | 1.0 | ug/l | | | | | | | |
| n-Propylbenzene | ND | 1.0 | ug/l | | | | | | | |
| Styrene | ND | 1.0 | ug/l | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | ug/l | | | | | | | |
| 1,1,2,2-Tetrachloroethane | ND | 1.0 | ug/l | | | | | | | |
| Tetrachloroethene | ND | 1.0 | ug/l | | | | | | | |
| Toluene | ND | 1.0 | ug/l | | | | | | | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | ug/l | | | | | | | |
| 1,2,4-Trichlorobenzene | ND | 1.0 | ug/l | | | | | | | |
| 1,1,1-Trichloroethane | ND | 1.0 | ug/l | | | | | | | |
| 1,1,2-Trichloroethane | ND | 1.0 | ug/l | | | | | | | |
| Trichloroethene | ND | 1.0 | ug/l | | | | | | | |
| Trichlorofluoromethane | ND | 1.0 | ug/l | | | | | | | |
| 1,2,3-Trichloropropane | ND | 1.0 | ug/l | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | 1.0 | ug/l | | | | | | | |
| 1,3,5-Trimethylbenzene | ND | 1.0 | ug/l | | | | | | | |
| Vinyl chloride | ND | 0.50 | ug/l | | | | | | | |
| m,p-Xylenes | ND | 1.0 | ug/l | | | | | | | |
| o-Xylene | ND | 1.0 | ug/l | | | | | | | |
| *Surrogate: 4-Bromofluorobenzene* | *20.8* | | *ug/l* | *25.0* | | *83* | *80-120* | | | |
| *Surrogate: Dibromofluoromethane* | *22.8* | | *ug/l* | *25.0* | | *91* | *80-120* | | | |
| *Surrogate: Toluene-d8* | *22.9* | | *ug/l* | *25.0* | | *91* | *80-120* | | | |

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## METHOD BLANK/QC DATA

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: 8H02019 Extracted: 08/02/08** | | | | | | | | | | |
| **LCS Analyzed: 08/02/2008 (8H02019-BS1)** | | | | | | | | | | |
| Benzene | 24.4 | 0.50 | ug/l | 25.0 | | 98 | 70-120 | | | |
| Bromobenzene | 25.0 | 1.0 | ug/l | 25.0 | | 100 | 75-120 | | | |
| Bromochloromethane | 24.0 | 1.0 | ug/l | 25.0 | | 96 | 70-130 | | | |
| Bromodichloromethane | 24.6 | 1.0 | ug/l | 25.0 | | 98 | 70-135 | | | |
| Bromoform | 22.6 | 1.0 | ug/l | 25.0 | | 90 | 55-130 | | | |
| Bromomethane | 27.2 | 1.0 | ug/l | 25.0 | | 109 | 65-140 | | | |
| n-Butylbenzene | 27.2 | 1.0 | ug/l | 25.0 | | 109 | 70-130 | | | |
| tert-Butylbenzene | 26.4 | 1.0 | ug/l | 25.0 | | 106 | 70-125 | | | |
| sec-Butylbenzene | 27.7 | 1.0 | ug/l | 25.0 | | 111 | 70-125 | | | |
| rbon tetrachloride | 24.7 | 0.50 | ug/l | 25.0 | | 99 | 65-140 | | | |
| lorobenzene | 23.6 | 1.0 | ug/l | 25.0 | | 94 | 75-120 | | | |
| Chloroethane | 27.0 | 1.0 | ug/l | 25.0 | | 108 | 60-140 | | | |
| Chloroform | 24.0 | 1.0 | ug/l | 25.0 | | 96 | 70-130 | | | |
| Chloromethane | 26.0 | 1.0 | ug/l | 25.0 | | 104 | 50-140 | | | |
| 4-Chlorotoluene | 25.5 | 1.0 | ug/l | 25.0 | | 102 | 75-125 | | | |
| 2-Chlorotoluene | 25.1 | 1.0 | ug/l | 25.0 | | 100 | 70-125 | | | |
| 1,2-Dibromo-3-chloropropane | 23.1 | 5.0 | ug/l | 25.0 | | 92 | 50-135 | | | |
| Dibromochloromethane | 25.2 | 1.0 | ug/l | 25.0 | | 101 | 70-140 | | | |
| 1,2-Dibromoethane (EDB) | 22.9 | 1.0 | ug/l | 25.0 | | 92 | 75-125 | | | |
| Dibromomethane | 24.8 | 1.0 | ug/l | 25.0 | | 99 | 70-125 | | | |
| 1,2-Dichlorobenzene | 25.9 | 1.0 | ug/l | 25.0 | | 104 | 75-120 | | | |
| 1,3-Dichlorobenzene | 23.1 | 1.0 | ug/l | 25.0 | | 92 | 75-120 | | | |
| 1,4-Dichlorobenzene | 24.6 | 1.0 | ug/l | 25.0 | | 98 | 75-120 | | | |
| Dichlorodifluoromethane | 27.6 | 5.0 | ug/l | 25.0 | | 110 | 35-155 | | | |
| 1,1-Dichloroethane | 24.0 | 1.0 | ug/l | 25.0 | | 96 | 70-125 | | | |
| 1,1-Dichloroethene | 23.2 | 1.0 | ug/l | 25.0 | | 93 | 70-125 | | | |
| cis-1,2-Dichloroethene | 25.0 | 1.0 | ug/l | 25.0 | | 100 | 70-125 | | | |
| trans-1,2-Dichloroethene | 23.6 | 1.0 | ug/l | 25.0 | | 95 | 70-125 | | | |
| 1,3-Dichloropropane | 23.8 | 1.0 | ug/l | 25.0 | | 95 | 70-120 | | | |
| 2,2-Dichloropropane | 28.1 | 1.0 | ug/l | 25.0 | | 112 | 65-140 | | | |
| 1,2-Dichloropropane | 23.2 | 1.0 | ug/l | 25.0 | | 93 | 70-125 | | | |
| cis-1,3-Dichloropropene | 24.7 | 0.50 | ug/l | 25.0 | | 99 | 75-125 | | | |
| trans-1,3-Dichloropropene | 20.2 | 0.50 | ug/l | 25.0 | | 81 | 70-125 | | | |
| 1,1-Dichloropropene | 24.8 | 1.0 | ug/l | 25.0 | | 99 | 75-130 | | | |
| Ethylbenzene | 26.1 | 1.0 | ug/l | 25.0 | | 104 | 75-125 | | | |
| 1,2-Dichloroethane | 22.6 | 0.50 | ug/l | 25.0 | | 91 | 60-140 | | | |

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Project Manager

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Iris Environmental
1438 Webster Street, Suite 302
Oakland, CA 94612
Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2626

Sampled: 07/31/08
Received: 07/31/08

## METHOD BLANK/QC DATA

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: 8H02019 Extracted: 08/02/08** | | | | | | | | | | |
| **LCS Analyzed: 08/02/2008 (8H02019-BS1)** | | | | | | | | | | |
| Hexachlorobutadiene | 25.9 | 1.0 | ug/l | 25.0 | | 104 | 65-135 | | | |
| Isopropylbenzene | 26.9 | 1.0 | ug/l | 25.0 | | 108 | 75-130 | | | |
| p-Isopropyltoluene | 27.0 | 1.0 | ug/l | 25.0 | | 108 | 75-125 | | | |
| Methylene chloride | 23.8 | 5.0 | ug/l | 25.0 | | 95 | 55-130 | | | |
| Naphthalene | 26.1 | 1.0 | ug/l | 25.0 | | 104 | 55-135 | | | |
| n-Propylbenzene | 27.5 | 1.0 | ug/l | 25.0 | | 110 | 75-130 | | | |
| Styrene | 23.4 | 1.0 | ug/l | 25.0 | | 94 | 75-130 | | | |
| 1,1,1,2-Tetrachloroethane | 24.0 | 1.0 | ug/l | 25.0 | | 96 | 70-130 | | | |
| 1,1,2,2-Tetrachloroethane | 22.8 | 1.0 | ug/l | 25.0 | | 91 | 55-130 | | | |
| trachloroethene | 23.9 | 1.0 | ug/l | 25.0 | | 96 | 70-125 | | | |
| oluene | 26.8 | 1.0 | ug/l | 25.0 | | 107 | 70-120 | | | |
| 1,2,3-Trichlorobenzene | 24.2 | 1.0 | ug/l | 25.0 | | 97 | 65-125 | | | |
| 1,2,4-Trichlorobenzene | 25.6 | 1.0 | ug/l | 25.0 | | 102 | 70-135 | | | |
| 1,1,1-Trichloroethane | 24.7 | 1.0 | ug/l | 25.0 | | 99 | 65-135 | | | |
| 1,1,2-Trichloroethane | 22.6 | 1.0 | ug/l | 25.0 | | 90 | 70-125 | | | |
| Trichloroethene | 24.0 | 1.0 | ug/l | 25.0 | | 96 | 70-125 | | | |
| Trichlorofluoromethane | 25.9 | 1.0 | ug/l | 25.0 | | 104 | 65-145 | | | |
| 1,2,3-Trichloropropane | 22.0 | 1.0 | ug/l | 25.0 | | 88 | 60-130 | | | |
| 1,2,4-Trimethylbenzene | 28.0 | 1.0 | ug/l | 25.0 | | 112 | 75-125 | | | |
| 1,3,5-Trimethylbenzene | 27.0 | 1.0 | ug/l | 25.0 | | 108 | 75-125 | | | |
| Vinyl chloride | 28.1 | 0.50 | ug/l | 25.0 | | 113 | 55-135 | | | |
| m,p-Xylenes | 51.6 | 1.0 | ug/l | 50.0 | | 103 | 75-125 | | | |
| o-Xylene | 26.2 | 1.0 | ug/l | 25.0 | | 105 | 75-125 | | | |
| *Surrogate: 4-Bromofluorobenzene* | *22.4* | | *ug/l* | *25.0* | | *90* | *80-120* | | | |
| *Surrogate: Dibromofluoromethane* | *23.1* | | *ug/l* | *25.0* | | *92* | *80-120* | | | |
| *Surrogate: Toluene-d8* | *23.3* | | *ug/l* | *25.0* | | *93* | *80-120* | | | |
| **Matrix Spike Analyzed: 08/02/2008 (8H02019-MS1)** | | | | | **Source: IRG2607-01** | | | | | |
| Benzene | 25.7 | 0.50 | ug/l | 25.0 | ND | 103 | 65-125 | | | |
| Bromobenzene | 24.3 | 1.0 | ug/l | 25.0 | ND | 97 | 70-125 | | | |
| Bromochloromethane | 24.0 | 1.0 | ug/l | 25.0 | ND | 96 | 65-135 | | | |
| Bromodichloromethane | 24.4 | 1.0 | ug/l | 25.0 | ND | 98 | 70-135 | | | |
| Bromoform | 22.9 | 1.0 | ug/l | 25.0 | ND | 92 | 55-135 | | | |
| Bromomethane | 25.7 | 1.0 | ug/l | 25.0 | ND | 103 | 55-145 | | | |
| n-Butylbenzene | 27.3 | 1.0 | ug/l | 25.0 | ND | 109 | 65-135 | | | |
| tert-Butylbenzene | 26.2 | 1.0 | ug/l | 25.0 | ND | 105 | 65-130 | | | |

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Iris Environmental
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Oakland, CA 94612
Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2626

Sampled: 07/31/08
Received: 07/31/08

## METHOD BLANK/QC DATA

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: 8H02019 Extracted: 08/02/08** | | | | | | | | | | |
| **Matrix Spike Analyzed: 08/02/2008 (8H02019-MS1)** | | | | | **Source: IRG2607-01** | | | | | |
| sec-Butylbenzene | 27.3 | 1.0 | ug/l | 25.0 | ND | 109 | 70-125 | | | |
| Carbon tetrachloride | 24.9 | 0.50 | ug/l | 25.0 | ND | 100 | 65-140 | | | |
| Chlorobenzene | 24.6 | 1.0 | ug/l | 25.0 | ND | 99 | 75-125 | | | |
| Chloroethane | 25.4 | 1.0 | ug/l | 25.0 | ND | 102 | 55-140 | | | |
| Chloroform | 23.9 | 1.0 | ug/l | 25.0 | ND | 96 | 65-135 | | | |
| Chloromethane | 25.7 | 1.0 | ug/l | 25.0 | ND | 103 | 45-145 | | | |
| 4-Chlorotoluene | 26.2 | 1.0 | ug/l | 25.0 | ND | 105 | 70-135 | | | |
| 2-Chlorotoluene | 25.0 | 1.0 | ug/l | 25.0 | ND | 100 | 65-135 | | | |
| 1,2-Dibromo-3-chloropropane | 23.1 | 5.0 | ug/l | 25.0 | ND | 92 | 45-145 | | | |
| bromochloromethane | 25.3 | 1.0 | ug/l | 25.0 | ND | 101 | 65-140 | | | |
| 2-Dibromoethane (EDB) | 23.9 | 1.0 | ug/l | 25.0 | ND | 96 | 70-130 | | | |
| Dibromomethane | 24.7 | 1.0 | ug/l | 25.0 | ND | 99 | 65-135 | | | |
| 1,2-Dichlorobenzene | 24.6 | 1.0 | ug/l | 25.0 | ND | 99 | 75-125 | | | |
| 1,3-Dichlorobenzene | 24.5 | 1.0 | ug/l | 25.0 | ND | 98 | 75-125 | | | |
| 1,4-Dichlorobenzene | 23.7 | 1.0 | ug/l | 25.0 | ND | 95 | 75-125 | | | |
| Dichlorodifluoromethane | 28.0 | 5.0 | ug/l | 25.0 | ND | 112 | 25-155 | | | |
| 1,1-Dichloroethane | 23.8 | 1.0 | ug/l | 25.0 | ND | 95 | 65-130 | | | |
| 1,1-Dichloroethene | 23.7 | 1.0 | ug/l | 25.0 | ND | 95 | 60-130 | | | |
| cis-1,2-Dichloroethene | 25.5 | 1.0 | ug/l | 25.0 | ND | 102 | 65-130 | | | |
| trans-1,2-Dichloroethene | 24.7 | 1.0 | ug/l | 25.0 | ND | 99 | 65-130 | | | |
| 1,3-Dichloropropane | 23.9 | 1.0 | ug/l | 25.0 | ND | 95 | 65-135 | | | |
| 2,2-Dichloropropane | 28.2 | 1.0 | ug/l | 25.0 | ND | 113 | 60-145 | | | |
| 1,2-Dichloropropane | 23.7 | 1.0 | ug/l | 25.0 | ND | 95 | 65-130 | | | |
| cis-1,3-Dichloropropene | 24.5 | 0.50 | ug/l | 25.0 | ND | 98 | 70-130 | | | |
| trans-1,3-Dichloropropene | 20.6 | 0.50 | ug/l | 25.0 | ND | 82 | 65-135 | | | |
| 1,1-Dichloropropene | 25.0 | 1.0 | ug/l | 25.0 | ND | 100 | 70-135 | | | |
| Ethylbenzene | 26.6 | 1.0 | ug/l | 25.0 | ND | 106 | 65-130 | | | |
| 1,2-Dichloroethane | 23.0 | 0.50 | ug/l | 25.0 | ND | 92 | 60-140 | | | |
| Hexachlorobutadiene | 25.0 | 1.0 | ug/l | 25.0 | ND | 100 | 60-135 | | | |
| Isopropylbenzene | 26.0 | 1.0 | ug/l | 25.0 | ND | 104 | 70-135 | | | |
| p-Isopropyltoluene | 26.9 | 1.0 | ug/l | 25.0 | ND | 107 | 65-130 | | | |
| Methylene chloride | 24.3 | 5.0 | ug/l | 25.0 | ND | 97 | 50-135 | | | |
| Naphthalene | 26.4 | 1.0 | ug/l | 25.0 | ND | 106 | 50-140 | | | |
| n-Propylbenzene | 27.8 | 1.0 | ug/l | 25.0 | ND | 111 | 70-135 | | | |
| Styrene | 22.9 | 1.0 | ug/l | 25.0 | ND | 92 | 50-145 | | | |
| 1,1,1,2-Tetrachloroethane | 23.1 | 1.0 | ug/l | 25.0 | ND | 92 | 65-140 | | | |

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Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2626

Sampled: 07/31/08
Received: 07/31/08

## METHOD BLANK/QC DATA

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: 8H02019 Extracted: 08/02/08** | | | | | | | | | | |
| **Matrix Spike Analyzed: 08/02/2008 (8H02019-MS1)** | | | | | **Source: IRG2607-01** | | | | | |
| 1,1,2,2-Tetrachloroethane | 23.6 | 1.0 | ug/l | 25.0 | ND | 94 | 55-135 | | | |
| Tetrachloroethene | 23.5 | 1.0 | ug/l | 25.0 | ND | 94 | 65-130 | | | |
| Toluene | 26.9 | 1.0 | ug/l | 25.0 | ND | 108 | 70-125 | | | |
| 1,2,3-Trichlorobenzene | 25.1 | 1.0 | ug/l | 25.0 | ND | 100 | 60-135 | | | |
| 1,2,4-Trichlorobenzene | 25.8 | 1.0 | ug/l | 25.0 | ND | 103 | 65-135 | | | |
| 1,1,1-Trichloroethane | 24.6 | 1.0 | ug/l | 25.0 | ND | 98 | 65-140 | | | |
| 1,1,2-Trichloroethane | 23.9 | 1.0 | ug/l | 25.0 | ND | 95 | 65-130 | | | |
| Trichloroethene | 24.5 | 1.0 | ug/l | 25.0 | ND | 98 | 65-125 | | | |
| Trichlorofluoromethane | 26.1 | 1.0 | ug/l | 25.0 | ND | 104 | 60-145 | | | |
| ?,3-Trichloropropane | 23.8 | 1.0 | ug/l | 25.0 | ND | 95 | 55-135 | | | |
| ?,4-Trimethylbenzene | 26.7 | 1.0 | ug/l | 25.0 | ND | 107 | 55-135 | | | |
| 1,3,5-Trimethylbenzene | 26.3 | 1.0 | ug/l | 25.0 | ND | 105 | 70-130 | | | |
| Vinyl chloride | 27.6 | 0.50 | ug/l | 25.0 | ND | 110 | 45-140 | | | |
| m,p-Xylenes | 53.5 | 1.0 | ug/l | 50.0 | ND | 107 | 65-130 | | | |
| o-Xylene | 26.2 | 1.0 | ug/l | 25.0 | ND | 105 | 65-125 | | | |
| *Surrogate: 4-Bromofluorobenzene* | *23.4* | | *ug/l* | *25.0* | | *93* | *80-120* | | | |
| *Surrogate: Dibromofluoromethane* | *22.0* | | *ug/l* | *25.0* | | *88* | *80-120* | | | |
| *Surrogate: Toluene-d8* | *23.4* | | *ug/l* | *25.0* | | *94* | *80-120* | | | |
| **Matrix Spike Dup Analyzed: 08/02/2008 (8H02019-MSD1)** | | | | | **Source: IRG2607-01** | | | | | |
| Benzene | 26.2 | 0.50 | ug/l | 25.0 | ND | 105 | 65-125 | 2 | 20 | |
| Bromobenzene | 27.0 | 1.0 | ug/l | 25.0 | ND | 108 | 70-125 | 10 | 20 | |
| Bromochloromethane | 25.8 | 1.0 | ug/l | 25.0 | ND | 103 | 65-135 | 7 | 25 | |
| Bromodichloromethane | 25.3 | 1.0 | ug/l | 25.0 | ND | 101 | 70-135 | 4 | 20 | |
| Bromoform | 23.1 | 1.0 | ug/l | 25.0 | ND | 92 | 55-135 | 1 | 25 | |
| Bromomethane | 28.0 | 1.0 | ug/l | 25.0 | ND | 112 | 55-145 | 9 | 25 | |
| n-Butylbenzene | 29.7 | 1.0 | ug/l | 25.0 | ND | 119 | 65-135 | 8 | 20 | |
| tert-Butylbenzene | 28.2 | 1.0 | ug/l | 25.0 | ND | 113 | 65-130 | 7 | 20 | |
| sec-Butylbenzene | 29.8 | 1.0 | ug/l | 25.0 | ND | 119 | 70-125 | 9 | 20 | |
| Carbon tetrachloride | 24.9 | 0.50 | ug/l | 25.0 | ND | 100 | 65-140 | 0 | 25 | |
| Chlorobenzene | 24.0 | 1.0 | ug/l | 25.0 | ND | 96 | 75-125 | 3 | 20 | |
| Chloroethane | 28.0 | 1.0 | ug/l | 25.0 | ND | 112 | 55-140 | 10 | 25 | |
| Chloroform | 24.1 | 1.0 | ug/l | 25.0 | ND | 96 | 65-135 | 1 | 20 | |
| Chloromethane | 27.7 | 1.0 | ug/l | 25.0 | ND | 111 | 45-145 | 8 | 25 | |
| 4-Chlorotoluene | 28.7 | 1.0 | ug/l | 25.0 | ND | 115 | 70-135 | 9 | 20 | |
| 2-Chlorotoluene | 27.6 | 1.0 | ug/l | 25.0 | ND | 110 | 65-135 | 10 | 20 | |

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Report Number: IRG2626

Sampled: 07/31/08
Received: 07/31/08

## METHOD BLANK/QC DATA

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: 8H02019 Extracted: 08/02/08** | | | | | | | | | | |
| **Matrix Spike Dup Analyzed: 08/02/2008 (8H02019-MSD1)** | | | | | **Source: IRG2607-01** | | | | | |
| 1,2-Dibromo-3-chloropropane | 25.1 | 5.0 | ug/l | 25.0 | ND | 101 | 45-145 | 9 | 30 | |
| Dibromochloromethane | 26.0 | 1.0 | ug/l | 25.0 | ND | 104 | 65-140 | 3 | 25 | |
| 1,2-Dibromoethane (EDB) | 23.7 | 1.0 | ug/l | 25.0 | ND | 95 | 70-130 | 1 | 25 | |
| Dibromomethane | 25.5 | 1.0 | ug/l | 25.0 | ND | 102 | 65-135 | 3 | 25 | |
| 1,2-Dichlorobenzene | 28.5 | 1.0 | ug/l | 25.0 | ND | 114 | 75-125 | 15 | 20 | |
| 1,3-Dichlorobenzene | 27.0 | 1.0 | ug/l | 25.0 | ND | 108 | 75-125 | 10 | 20 | |
| 1,4-Dichlorobenzene | 26.2 | 1.0 | ug/l | 25.0 | ND | 105 | 75-125 | 10 | 20 | |
| Dichlorodifluoromethane | 29.2 | 5.0 | ug/l | 25.0 | ND | 117 | 25-155 | 4 | 30 | |
| 1,1-Dichloroethane | 24.8 | 1.0 | ug/l | 25.0 | ND | 99 | 65-130 | 4 | 20 | |
| 1,1-Dichloroethene | 24.0 | 1.0 | ug/l | 25.0 | ND | 96 | 60-130 | 1 | 20 | |
| cis-1,2-Dichloroethene | 26.5 | 1.0 | ug/l | 25.0 | ND | 106 | 65-130 | 4 | 20 | |
| trans-1,2-Dichloroethene | 28.4 | 1.0 | ug/l | 25.0 | ND | 114 | 65-130 | 14 | 20 | |
| 1,3-Dichloropropane | 24.0 | 1.0 | ug/l | 25.0 | ND | 96 | 65-135 | 1 | 25 | |
| 2,2-Dichloropropane | 29.6 | 1.0 | ug/l | 25.0 | ND | 118 | 60-145 | 5 | 25 | |
| 1,2-Dichloropropane | 24.4 | 1.0 | ug/l | 25.0 | ND | 98 | 65-130 | 3 | 20 | |
| cis-1,3-Dichloropropene | 25.2 | 0.50 | ug/l | 25.0 | ND | 101 | 70-130 | 3 | 20 | |
| trans-1,3-Dichloropropene | 21.9 | 0.50 | ug/l | 25.0 | ND | 88 | 65-135 | 6 | 25 | |
| 1,1-Dichloropropene | 25.9 | 1.0 | ug/l | 25.0 | ND | 104 | 70-135 | 3 | 20 | |
| Ethylbenzene | 26.3 | 1.0 | ug/l | 25.0 | ND | 105 | 65-130 | 1 | 20 | |
| 1,2-Dichloroethane | 23.8 | 0.50 | ug/l | 25.0 | ND | 95 | 60-140 | 4 | 20 | |
| Hexachlorobutadiene | 26.0 | 1.0 | ug/l | 25.0 | ND | 104 | 60-135 | 4 | 20 | |
| Isopropylbenzene | 28.0 | 1.0 | ug/l | 25.0 | ND | 112 | 70-135 | 7 | 20 | |
| p-Isopropyltoluene | 29.0 | 1.0 | ug/l | 25.0 | ND | 116 | 65-130 | 8 | 20 | |
| Methylene chloride | 25.2 | 5.0 | ug/l | 25.0 | ND | 101 | 50-135 | 3 | 20 | |
| Naphthalene | 28.1 | 1.0 | ug/l | 25.0 | ND | 112 | 50-140 | 6 | 30 | |
| n-Propylbenzene | 29.9 | 1.0 | ug/l | 25.0 | ND | 120 | 70-135 | 7 | 20 | |
| Styrene | 23.4 | 1.0 | ug/l | 25.0 | ND | 93 | 50-145 | 2 | 30 | |
| 1,1,1,2-Tetrachloroethane | 23.5 | 1.0 | ug/l | 25.0 | ND | 94 | 65-140 | 2 | 20 | |
| 1,1,2,2-Tetrachloroethane | 26.4 | 1.0 | ug/l | 25.0 | ND | 105 | 55-135 | 11 | 30 | |
| Tetrachloroethene | 24.2 | 1.0 | ug/l | 25.0 | ND | 97 | 65-130 | 3 | 20 | |
| Toluene | 27.7 | 1.0 | ug/l | 25.0 | ND | 111 | 70-125 | 3 | 20 | |
| 1,2,3-Trichlorobenzene | 26.7 | 1.0 | ug/l | 25.0 | ND | 107 | 60-135 | 6 | 20 | |
| 1,2,4-Trichlorobenzene | 27.8 | 1.0 | ug/l | 25.0 | ND | 111 | 65-135 | 7 | 20 | |
| 1,1,1-Trichloroethane | 25.6 | 1.0 | ug/l | 25.0 | ND | 103 | 65-140 | 4 | 20 | |
| 1,1,2-Trichloroethane | 25.2 | 1.0 | ug/l | 25.0 | ND | 101 | 65-130 | 5 | 25 | |
| Trichloroethene | 24.9 | 1.0 | ug/l | 25.0 | ND | 100 | 65-125 | 2 | 20 | |

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## METHOD BLANK/QC DATA

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: 8H02019 Extracted: 08/02/08** | | | | | | | | | | |
| **Matrix Spike Dup Analyzed: 08/02/2008 (8H02019-MSD1)** | | | | | **Source: IRG2607-01** | | | | | |
| Trichlorofluoromethane | 27.0 | 1.0 | ug/l | 25.0 | ND | 108 | 60-145 | 4 | 25 | |
| 1,2,3-Trichloropropane | 24.9 | 1.0 | ug/l | 25.0 | ND | 99 | 55-135 | 5 | 30 | |
| 1,2,4-Trimethylbenzene | 29.6 | 1.0 | ug/l | 25.0 | ND | 118 | 55-135 | 10 | 25 | |
| 1,3,5-Trimethylbenzene | 29.5 | 1.0 | ug/l | 25.0 | ND | 118 | 70-130 | 11 | 20 | |
| Vinyl chloride | 29.9 | 0.50 | ug/l | 25.0 | ND | 120 | 45-140 | 8 | 30 | |
| m,p-Xylenes | 52.9 | 1.0 | ug/l | 50.0 | ND | 106 | 65-130 | 1 | 25 | |
| o-Xylene | 26.3 | 1.0 | ug/l | 25.0 | ND | 105 | 65-125 | 0 | 20 | |
| *Surrogate: 4-Bromofluorobenzene* | *22.3* | | *ug/l* | *25.0* | | *89* | *80-120* | | | |
| *Surrogate: Dibromofluoromethane* | *23.3* | | *ug/l* | *25.0* | | *93* | *80-120* | | | |
| *rrogate: Toluene-d8* | *23.8* | | *ug/l* | *25.0* | | *95* | *80-120* | | | |
| **Batch: 8H03010 Extracted: 08/03/08** | | | | | | | | | | |
| **Blank Analyzed: 08/03/2008 (8H03010-BLK1)** | | | | | | | | | | |
| Benzene | ND | 0.50 | ug/l | | | | | | | |
| Bromobenzene | ND | 1.0 | ug/l | | | | | | | |
| Bromochloromethane | ND | 1.0 | ug/l | | | | | | | |
| Bromodichloromethane | ND | 1.0 | ug/l | | | | | | | |
| Bromoform | ND | 1.0 | ug/l | | | | | | | |
| Bromomethane | ND | 1.0 | ug/l | | | | | | | |
| n-Butylbenzene | ND | 1.0 | ug/l | | | | | | | |
| tert-Butylbenzene | ND | 1.0 | ug/l | | | | | | | |
| sec-Butylbenzene | ND | 1.0 | ug/l | | | | | | | |
| Carbon tetrachloride | ND | 0.50 | ug/l | | | | | | | |
| Chlorobenzene | ND | 1.0 | ug/l | | | | | | | |
| Chloroethane | ND | 1.0 | ug/l | | | | | | | |
| Chloroform | ND | 1.0 | ug/l | | | | | | | |
| Chloromethane | ND | 1.0 | ug/l | | | | | | | |
| 4-Chlorotoluene | ND | 1.0 | ug/l | | | | | | | |
| 2-Chlorotoluene | ND | 1.0 | ug/l | | | | | | | |
| 1,2-Dibromo-3-chloropropane | ND | 5.0 | ug/l | | | | | | | |
| Dibromochloromethane | ND | 1.0 | ug/l | | | | | | | |
| 1,2-Dibromoethane (EDB) | ND | 1.0 | ug/l | | | | | | | |
| Dibromomethane | ND | 1.0 | ug/l | | | | | | | |
| 1,2-Dichlorobenzene | ND | 1.0 | ug/l | | | | | | | |
| 1,3-Dichlorobenzene | ND | 1.0 | ug/l | | | | | | | |

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Sushmitha Reddy For Patty Mata
Project Manager

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Oakland, CA 94612
Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2626

Sampled: 07/31/08
Received: 07/31/08

## METHOD BLANK/QC DATA

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: 8H03010 Extracted: 08/03/08** | | | | | | | | | | |
| **Blank Analyzed: 08/03/2008 (8H03010-BLK1)** | | | | | | | | | | |
| 1,4-Dichlorobenzene | ND | 1.0 | ug/l | | | | | | | |
| Dichlorodifluoromethane | ND | 5.0 | ug/l | | | | | | | |
| 1,1-Dichloroethane | ND | 1.0 | ug/l | | | | | | | |
| 1,1-Dichloroethene | ND | 1.0 | ug/l | | | | | | | |
| cis-1,2-Dichloroethene | ND | 1.0 | ug/l | | | | | | | |
| trans-1,2-Dichloroethene | ND | 1.0 | ug/l | | | | | | | |
| 1,3-Dichloropropane | ND | 1.0 | ug/l | | | | | | | |
| 2,2-Dichloropropane | ND | 1.0 | ug/l | | | | | | | |
| 1,2-Dichloropropane | ND | 1.0 | ug/l | | | | | | | |
| -1,3-Dichloropropene | ND | 0.50 | ug/l | | | | | | | |
| ns-1,3-Dichloropropene | ND | 0.50 | ug/l | | | | | | | |
| 1,1-Dichloropropene | ND | 1.0 | ug/l | | | | | | | |
| Ethylbenzene | ND | 1.0 | ug/l | | | | | | | |
| 1,2-Dichloroethane | ND | 0.50 | ug/l | | | | | | | |
| Hexachlorobutadiene | ND | 1.0 | ug/l | | | | | | | |
| Isopropylbenzene | ND | 1.0 | ug/l | | | | | | | |
| p-Isopropyltoluene | ND | 1.0 | ug/l | | | | | | | |
| Methylene chloride | ND | 5.0 | ug/l | | | | | | | |
| Naphthalene | ND | 1.0 | ug/l | | | | | | | |
| n-Propylbenzene | ND | 1.0 | ug/l | | | | | | | |
| Styrene | ND | 1.0 | ug/l | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | ug/l | | | | | | | |
| 1,1,2,2-Tetrachloroethane | ND | 1.0 | ug/l | | | | | | | |
| Tetrachloroethene | ND | 1.0 | ug/l | | | | | | | |
| Toluene | ND | 1.0 | ug/l | | | | | | | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | ug/l | | | | | | | |
| 1,2,4-Trichlorobenzene | ND | 1.0 | ug/l | | | | | | | |
| 1,1,1-Trichloroethane | ND | 1.0 | ug/l | | | | | | | |
| 1,1,2-Trichloroethane | ND | 1.0 | ug/l | | | | | | | |
| Trichloroethene | ND | 1.0 | ug/l | | | | | | | |
| Trichlorofluoromethane | ND | 1.0 | ug/l | | | | | | | |
| 1,2,3-Trichloropropane | ND | 1.0 | ug/l | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | 1.0 | ug/l | | | | | | | |
| 1,3,5-Trimethylbenzene | ND | 1.0 | ug/l | | | | | | | |
| Vinyl chloride | ND | 0.50 | ug/l | | | | | | | |
| m,p-Xylenes | ND | 1.0 | ug/l | | | | | | | |

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Iris Environmental
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Oakland, CA 94612
Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2626

Sampled: 07/31/08
Received: 07/31/08

## METHOD BLANK/QC DATA

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: 8H03010 Extracted: 08/03/08** | | | | | | | | | | |
| **Blank Analyzed: 08/03/2008 (8H03010-BLK1)** | | | | | | | | | | |
| o-Xylene | ND | 1.0 | ug/l | | | | | | | |
| *Surrogate: 4-Bromofluorobenzene* | *22.1* | | *ug/l* | *25.0* | | *88* | *80-120* | | | |
| *Surrogate: Dibromofluoromethane* | *22.4* | | *ug/l* | *25.0* | | *90* | *80-120* | | | |
| *Surrogate: Toluene-d8* | *23.2* | | *ug/l* | *25.0* | | *93* | *80-120* | | | |
| **LCS Analyzed: 08/03/2008 (8H03010-BS1)** | | | | | | | | | | |
| Benzene | 24.0 | 0.50 | ug/l | 25.0 | | 96 | 70-120 | | | |
| Bromobenzene | 25.5 | 1.0 | ug/l | 25.0 | | 102 | 75-120 | | | |
| Bromochloromethane | 23.9 | 1.0 | ug/l | 25.0 | | 96 | 70-130 | | | |
| Bromodichloromethane | 25.4 | 1.0 | ug/l | 25.0 | | 102 | 70-135 | | | |
| Bromoform | 27.1 | 1.0 | ug/l | 25.0 | | 108 | 55-130 | | | |
| Bromomethane | 21.6 | 1.0 | ug/l | 25.0 | | 86 | 65-140 | | | |
| n-Butylbenzene | 25.7 | 1.0 | ug/l | 25.0 | | 103 | 70-130 | | | |
| tert-Butylbenzene | 26.0 | 1.0 | ug/l | 25.0 | | 104 | 70-125 | | | |
| sec-Butylbenzene | 26.4 | 1.0 | ug/l | 25.0 | | 106 | 70-125 | | | |
| Carbon tetrachloride | 24.2 | 0.50 | ug/l | 25.0 | | 97 | 65-140 | | | |
| Chlorobenzene | 25.2 | 1.0 | ug/l | 25.0 | | 101 | 75-120 | | | |
| Chloroethane | 22.2 | 1.0 | ug/l | 25.0 | | 89 | 60-140 | | | |
| Chloroform | 23.9 | 1.0 | ug/l | 25.0 | | 96 | 70-130 | | | |
| Chloromethane | 20.7 | 1.0 | ug/l | 25.0 | | 83 | 50-140 | | | |
| 4-Chlorotoluene | 24.4 | 1.0 | ug/l | 25.0 | | 98 | 75-125 | | | |
| 2-Chlorotoluene | 24.4 | 1.0 | ug/l | 25.0 | | 98 | 70-125 | | | |
| 1,2-Dibromo-3-chloropropane | 27.5 | 5.0 | ug/l | 25.0 | | 110 | 50-135 | | | |
| Dibromochloromethane | 26.1 | 1.0 | ug/l | 25.0 | | 104 | 70-140 | | | |
| 1,2-Dibromoethane (EDB) | 25.7 | 1.0 | ug/l | 25.0 | | 103 | 75-125 | | | |
| Dibromomethane | 25.5 | 1.0 | ug/l | 25.0 | | 102 | 70-125 | | | |
| 1,2-Dichlorobenzene | 27.2 | 1.0 | ug/l | 25.0 | | 109 | 75-120 | | | |
| 1,3-Dichlorobenzene | 26.0 | 1.0 | ug/l | 25.0 | | 104 | 75-120 | | | |
| 1,4-Dichlorobenzene | 26.0 | 1.0 | ug/l | 25.0 | | 104 | 75-120 | | | |
| Dichlorodifluoromethane | 20.0 | 5.0 | ug/l | 25.0 | | 80 | 35-155 | | | |
| 1,1-Dichloroethane | 23.3 | 1.0 | ug/l | 25.0 | | 93 | 70-125 | | | |
| 1,1-Dichloroethene | 19.1 | 1.0 | ug/l | 25.0 | | 77 | 70-125 | | | |
| cis-1,2-Dichloroethene | 21.5 | 1.0 | ug/l | 25.0 | | 86 | 70-125 | | | |
| trans-1,2-Dichloroethene | 21.7 | 1.0 | ug/l | 25.0 | | 87 | 70-125 | | | |
| 1,3-Dichloropropane | 24.8 | 1.0 | ug/l | 25.0 | | 99 | 70-120 | | | |
| 2,2-Dichloropropane | 23.5 | 1.0 | ug/l | 25.0 | | 94 | 65-140 | | | |

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Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2626

Sampled: 07/31/08
Received: 07/31/08

## METHOD BLANK/QC DATA

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: 8H03010 Extracted: 08/03/08** | | | | | | | | | | |
| **LCS Analyzed: 08/03/2008 (8H03010-BS1)** | | | | | | | | | | |
| 1,2-Dichloropropane | 22.6 | 1.0 | ug/l | 25.0 | | 90 | 70-125 | | | |
| cis-1,3-Dichloropropene | 26.5 | 0.50 | ug/l | 25.0 | | 106 | 75-125 | | | |
| trans-1,3-Dichloropropene | 21.2 | 0.50 | ug/l | 25.0 | | 85 | 70-125 | | | |
| 1,1-Dichloropropene | 24.6 | 1.0 | ug/l | 25.0 | | 98 | 75-130 | | | |
| Ethylbenzene | 25.2 | 1.0 | ug/l | 25.0 | | 101 | 75-125 | | | |
| 1,2-Dichloroethane | 23.2 | 0.50 | ug/l | 25.0 | | 93 | 60-140 | | | |
| Hexachlorobutadiene | 24.8 | 1.0 | ug/l | 25.0 | | 99 | 65-135 | | | |
| Isopropylbenzene | 25.1 | 1.0 | ug/l | 25.0 | | 100 | 75-130 | | | |
| p-Isopropyltoluene | 27.3 | 1.0 | ug/l | 25.0 | | 109 | 75-125 | | | |
| ·thylene chloride | 22.5 | 5.0 | ug/l | 25.0 | | 90 | 55-130 | | | |
| aphthalene | 25.4 | 1.0 | ug/l | 25.0 | | 102 | 55-135 | | | |
| n-Propylbenzene | 25.0 | 1.0 | ug/l | 25.0 | | 100 | 75-130 | | | |
| Styrene | 27.0 | 1.0 | ug/l | 25.0 | | 108 | 75-130 | | | |
| 1,1,1,2-Tetrachloroethane | 25.0 | 1.0 | ug/l | 25.0 | | 100 | 70-130 | | | |
| 1,1,2,2-Tetrachloroethane | 26.1 | 1.0 | ug/l | 25.0 | | 105 | 55-130 | | | |
| Tetrachloroethene | 25.4 | 1.0 | ug/l | 25.0 | | 102 | 70-125 | | | |
| Toluene | 25.7 | 1.0 | ug/l | 25.0 | | 103 | 70-120 | | | |
| 1,2,3-Trichlorobenzene | 24.3 | 1.0 | ug/l | 25.0 | | 97 | 65-125 | | | |
| 1,2,4-Trichlorobenzene | 24.9 | 1.0 | ug/l | 25.0 | | 100 | 70-135 | | | |
| 1,1,1-Trichloroethane | 23.1 | 1.0 | ug/l | 25.0 | | 92 | 65-135 | | | |
| 1,1,2-Trichloroethane | 25.9 | 1.0 | ug/l | 25.0 | | 104 | 70-125 | | | |
| Trichloroethene | 24.6 | 1.0 | ug/l | 25.0 | | 98 | 70-125 | | | |
| Trichlorofluoromethane | 21.6 | 1.0 | ug/l | 25.0 | | 87 | 65-145 | | | |
| 1,2,3-Trichloropropane | 25.4 | 1.0 | ug/l | 25.0 | | 102 | 60-130 | | | |
| 1,2,4-Trimethylbenzene | 23.3 | 1.0 | ug/l | 25.0 | | 93 | 75-125 | | | |
| 1,3,5-Trimethylbenzene | 25.4 | 1.0 | ug/l | 25.0 | | 102 | 75-125 | | | |
| Vinyl chloride | 22.3 | 0.50 | ug/l | 25.0 | | 89 | 55-135 | | | |
| m,p-Xylenes | 52.3 | 1.0 | ug/l | 50.0 | | 105 | 75-125 | | | |
| o-Xylene | 26.8 | 1.0 | ug/l | 25.0 | | 107 | 75-125 | | | |
| *Surrogate: 4-Bromofluorobenzene* | *23.8* | | *ug/l* | *25.0* | | *95* | *80-120* | | | |
| *Surrogate: Dibromofluoromethane* | *22.4* | | *ug/l* | *25.0* | | *90* | *80-120* | | | |
| *Surrogate: Toluene-d8* | *24.5* | | *ug/l* | *25.0* | | *98* | *80-120* | | | |

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Project Manager

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Oakland, CA 94612
Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2626

Sampled: 07/31/08
Received: 07/31/08

## METHOD BLANK/QC DATA

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: 8H03010 Extracted: 08/03/08** | | | | | | | | | | |
| **Matrix Spike Analyzed: 08/03/2008 (8H03010-MS1)** | | | | | **Source: IRG2626-07** | | | | | |
| Benzene | 28.0 | 0.50 | ug/l | 25.0 | ND | 112 | 65-125 | | | |
| Bromobenzene | 28.6 | 1.0 | ug/l | 25.0 | ND | 114 | 70-125 | | | |
| Bromochloromethane | 27.0 | 1.0 | ug/l | 25.0 | ND | 108 | 65-135 | | | |
| Bromodichloromethane | 29.5 | 1.0 | ug/l | 25.0 | ND | 118 | 70-135 | | | |
| Bromoform | 29.3 | 1.0 | ug/l | 25.0 | ND | 117 | 55-135 | | | |
| Bromomethane | 24.7 | 1.0 | ug/l | 25.0 | ND | 99 | 55-145 | | | |
| n-Butylbenzene | 30.8 | 1.0 | ug/l | 25.0 | ND | 123 | 65-135 | | | |
| tert-Butylbenzene | 30.1 | 1.0 | ug/l | 25.0 | ND | 120 | 65-130 | | | |
| sec-Butylbenzene | 29.6 | 1.0 | ug/l | 25.0 | ND | 118 | 70-125 | | | |
| rbon tetrachloride | 28.1 | 0.50 | ug/l | 25.0 | ND | 112 | 65-140 | | | |
| lorobenzene | 29.0 | 1.0 | ug/l | 25.0 | ND | 116 | 75-125 | | | |
| Chloroethane | 26.0 | 1.0 | ug/l | 25.0 | ND | 104 | 55-140 | | | |
| Chloroform | 33.4 | 1.0 | ug/l | 25.0 | 5.50 | 112 | 65-135 | | | |
| Chloromethane | 23.4 | 1.0 | ug/l | 25.0 | ND | 94 | 45-145 | | | |
| 4-Chlorotoluene | 28.8 | 1.0 | ug/l | 25.0 | ND | 115 | 70-135 | | | |
| 2-Chlorotoluene | 27.7 | 1.0 | ug/l | 25.0 | ND | 111 | 65-135 | | | |
| 1,2-Dibromo-3-chloropropane | 30.9 | 5.0 | ug/l | 25.0 | ND | 124 | 45-145 | | | |
| Dibromochloromethane | 28.9 | 1.0 | ug/l | 25.0 | ND | 115 | 65-140 | | | |
| 1,2-Dibromoethane (EDB) | 27.6 | 1.0 | ug/l | 25.0 | ND | 111 | 70-130 | | | |
| Dibromomethane | 28.6 | 1.0 | ug/l | 25.0 | ND | 114 | 65-135 | | | |
| 1,2-Dichlorobenzene | 30.6 | 1.0 | ug/l | 25.0 | ND | 122 | 75-125 | | | |
| 1,3-Dichlorobenzene | 29.2 | 1.0 | ug/l | 25.0 | ND | 117 | 75-125 | | | |
| 1,4-Dichlorobenzene | 29.7 | 1.0 | ug/l | 25.0 | ND | 119 | 75-125 | | | |
| Dichlorodifluoromethane | 23.5 | 5.0 | ug/l | 25.0 | ND | 94 | 25-155 | | | |
| 1,1-Dichloroethane | 146 | 1.0 | ug/l | 25.0 | 108 | 153 | 65-130 | | | *MHA* |
| 1,1-Dichloroethene | 32.3 | 1.0 | ug/l | 25.0 | 9.67 | 90 | 60-130 | | | |
| cis-1,2-Dichloroethene | 28.8 | 1.0 | ug/l | 25.0 | 4.03 | 99 | 65-130 | | | |
| trans-1,2-Dichloroethene | 26.1 | 1.0 | ug/l | 25.0 | 0.940 | 101 | 65-130 | | | |
| 1,3-Dichloropropane | 26.4 | 1.0 | ug/l | 25.0 | ND | 106 | 65-135 | | | |
| 2,2-Dichloropropane | 29.0 | 1.0 | ug/l | 25.0 | ND | 116 | 60-145 | | | |
| 1,2-Dichloropropane | 26.2 | 1.0 | ug/l | 25.0 | ND | 105 | 65-130 | | | |
| cis-1,3-Dichloropropene | 29.6 | 0.50 | ug/l | 25.0 | ND | 118 | 70-130 | | | |
| trans-1,3-Dichloropropene | 23.7 | 0.50 | ug/l | 25.0 | ND | 95 | 65-135 | | | |
| 1,1-Dichloropropene | 28.0 | 1.0 | ug/l | 25.0 | ND | 112 | 70-135 | | | |
| Ethylbenzene | 28.9 | 1.0 | ug/l | 25.0 | ND | 115 | 65-130 | | | |
| 1,2-Dichloroethane | 26.1 | 0.50 | ug/l | 25.0 | ND | 104 | 60-140 | | | |

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Report Number: IRG2626

Sampled: 07/31/08
Received: 07/31/08

## METHOD BLANK/QC DATA

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: 8H03010 Extracted: 08/03/08** | | | | | | | | | | |
| **Matrix Spike Analyzed: 08/03/2008 (8H03010-MS1)** | | | | | **Source: IRG2626-07** | | | | | |
| Hexachlorobutadiene | 29.4 | 1.0 | ug/l | 25.0 | ND | 118 | 60-135 | | | |
| Isopropylbenzene | 29.0 | 1.0 | ug/l | 25.0 | ND | 116 | 70-135 | | | |
| p-Isopropyltoluene | 30.7 | 1.0 | ug/l | 25.0 | ND | 123 | 65-130 | | | |
| Methylene chloride | 25.5 | 5.0 | ug/l | 25.0 | ND | 102 | 50-135 | | | |
| Naphthalene | 28.8 | 1.0 | ug/l | 25.0 | ND | 115 | 50-140 | | | |
| n-Propylbenzene | 28.3 | 1.0 | ug/l | 25.0 | ND | 113 | 70-135 | | | |
| Styrene | 26.6 | 1.0 | ug/l | 25.0 | ND | 107 | 50-145 | | | |
| 1,1,1,2-Tetrachloroethane | 27.5 | 1.0 | ug/l | 25.0 | ND | 110 | 65-140 | | | |
| 1,1,2,2-Tetrachloroethane | 29.3 | 1.0 | ug/l | 25.0 | ND | 117 | 55-135 | | | |
| trachloroethene | 29.9 | 1.0 | ug/l | 25.0 | 1.91 | 112 | 65-130 | | | |
| oluene | 29.6 | 1.0 | ug/l | 25.0 | ND | 118 | 70-125 | | | |
| 1,2,3-Trichlorobenzene | 29.0 | 1.0 | ug/l | 25.0 | ND | 116 | 60-135 | | | |
| 1,2,4-Trichlorobenzene | 29.5 | 1.0 | ug/l | 25.0 | ND | 118 | 65-135 | | | |
| 1,1,1-Trichloroethane | 28.2 | 1.0 | ug/l | 25.0 | 0.750 | 110 | 65-140 | | | |
| 1,1,2-Trichloroethane | 28.6 | 1.0 | ug/l | 25.0 | ND | 114 | 65-130 | | | |
| Trichloroethene | 101 | 1.0 | ug/l | 25.0 | 67.5 | 132 | 65-125 | | | *M1* |
| Trichlorofluoromethane | 25.8 | 1.0 | ug/l | 25.0 | ND | 103 | 60-145 | | | |
| 1,2,3-Trichloropropane | 27.6 | 1.0 | ug/l | 25.0 | ND | 110 | 55-135 | | | |
| 1,2,4-Trimethylbenzene | 26.2 | 1.0 | ug/l | 25.0 | ND | 105 | 55-135 | | | |
| 1,3,5-Trimethylbenzene | 29.0 | 1.0 | ug/l | 25.0 | ND | 116 | 70-130 | | | |
| Vinyl chloride | 26.6 | 0.50 | ug/l | 25.0 | ND | 106 | 45-140 | | | |
| m,p-Xylenes | 57.3 | 1.0 | ug/l | 50.0 | ND | 115 | 65-130 | | | |
| o-Xylene | 31.0 | 1.0 | ug/l | 25.0 | ND | 124 | 65-125 | | | |
| *Surrogate: 4-Bromofluorobenzene* | *23.8* | | *ug/l* | *25.0* | | *95* | *80-120* | | | |
| *Surrogate: Dibromofluoromethane* | *22.6* | | *ug/l* | *25.0* | | *91* | *80-120* | | | |
| *Surrogate: Toluene-d8* | *23.7* | | *ug/l* | *25.0* | | *95* | *80-120* | | | |
| **Matrix Spike Dup Analyzed: 08/03/2008 (8H03010-MSD1)** | | | | | **Source: IRG2626-07** | | | | | |
| Benzene | 25.6 | 0.50 | ug/l | 25.0 | ND | 102 | 65-125 | 9 | 20 | |
| Bromobenzene | 26.4 | 1.0 | ug/l | 25.0 | ND | 106 | 70-125 | 8 | 20 | |
| Bromochloromethane | 25.0 | 1.0 | ug/l | 25.0 | ND | 100 | 65-135 | 8 | 25 | |
| Bromodichloromethane | 26.4 | 1.0 | ug/l | 25.0 | ND | 106 | 70-135 | 11 | 20 | |
| Bromoform | 27.1 | 1.0 | ug/l | 25.0 | ND | 109 | 55-135 | 8 | 25 | |
| Bromomethane | 22.1 | 1.0 | ug/l | 25.0 | ND | 89 | 55-145 | 11 | 25 | |
| n-Butylbenzene | 28.4 | 1.0 | ug/l | 25.0 | ND | 113 | 65-135 | 8 | 20 | |
| tert-Butylbenzene | 27.3 | 1.0 | ug/l | 25.0 | ND | 109 | 65-130 | 10 | 20 | |

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Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2626

Sampled: 07/31/08
Received: 07/31/08

## METHOD BLANK/QC DATA

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: 8H03010 Extracted: 08/03/08** | | | | | | | | | | |
| **Matrix Spike Dup Analyzed: 08/03/2008 (8H03010-MSD1)** | | | | | **Source: IRG2626-07** | | | | | |
| sec-Butylbenzene | 27.4 | 1.0 | ug/l | 25.0 | ND | 110 | 70-125 | 8 | 20 | |
| Carbon tetrachloride | 25.0 | 0.50 | ug/l | 25.0 | ND | 100 | 65-140 | 12 | 25 | |
| Chlorobenzene | 25.7 | 1.0 | ug/l | 25.0 | ND | 103 | 75-125 | 12 | 20 | |
| Chloroethane | 23.7 | 1.0 | ug/l | 25.0 | ND | 95 | 55-140 | 9 | 25 | |
| Chloroform | 29.8 | 1.0 | ug/l | 25.0 | 5.50 | 97 | 65-135 | 12 | 20 | |
| Chloromethane | 20.5 | 1.0 | ug/l | 25.0 | ND | 82 | 45-145 | 13 | 25 | |
| 4-Chlorotoluene | 25.9 | 1.0 | ug/l | 25.0 | ND | 104 | 70-135 | 10 | 20 | |
| 2-Chlorotoluene | 25.3 | 1.0 | ug/l | 25.0 | ND | 101 | 65-135 | 9 | 20 | |
| 1,2-Dibromo-3-chloropropane | 27.7 | 5.0 | ug/l | 25.0 | ND | 111 | 45-145 | 11 | 30 | |
| Bromochloromethane | 25.8 | 1.0 | ug/l | 25.0 | ND | 103 | 65-140 | 11 | 25 | |
| 1,2-Dibromoethane (EDB) | 25.4 | 1.0 | ug/l | 25.0 | ND | 102 | 70-130 | 8 | 25 | |
| Dibromomethane | 25.6 | 1.0 | ug/l | 25.0 | ND | 103 | 65-135 | 11 | 25 | |
| 1,2-Dichlorobenzene | 28.4 | 1.0 | ug/l | 25.0 | ND | 113 | 75-125 | 8 | 20 | |
| 1,3-Dichlorobenzene | 27.5 | 1.0 | ug/l | 25.0 | ND | 110 | 75-125 | 6 | 20 | |
| 1,4-Dichlorobenzene | 27.2 | 1.0 | ug/l | 25.0 | ND | 109 | 75-125 | 9 | 20 | |
| Dichlorodifluoromethane | 21.1 | 5.0 | ug/l | 25.0 | ND | 84 | 25-155 | 11 | 30 | |
| 1,1-Dichloroethane | 129 | 1.0 | ug/l | 25.0 | 108 | 85 | 65-130 | 12 | 20 | *MHA* |
| 1,1-Dichloroethene | 29.8 | 1.0 | ug/l | 25.0 | 9.67 | 81 | 60-130 | 8 | 20 | |
| cis-1,2-Dichloroethene | 25.9 | 1.0 | ug/l | 25.0 | 4.03 | 87 | 65-130 | 11 | 20 | |
| trans-1,2-Dichloroethene | 23.5 | 1.0 | ug/l | 25.0 | 0.940 | 90 | 65-130 | 10 | 20 | |
| 1,3-Dichloropropane | 24.9 | 1.0 | ug/l | 25.0 | ND | 100 | 65-135 | 6 | 25 | |
| 2,2-Dichloropropane | 25.9 | 1.0 | ug/l | 25.0 | ND | 104 | 60-145 | 11 | 25 | |
| 1,2-Dichloropropane | 23.5 | 1.0 | ug/l | 25.0 | ND | 94 | 65-130 | 11 | 20 | |
| cis-1,3-Dichloropropene | 27.0 | 0.50 | ug/l | 25.0 | ND | 108 | 70-130 | 9 | 20 | |
| trans-1,3-Dichloropropene | 21.6 | 0.50 | ug/l | 25.0 | ND | 86 | 65-135 | 9 | 25 | |
| 1,1-Dichloropropene | 25.3 | 1.0 | ug/l | 25.0 | ND | 101 | 70-135 | 10 | 20 | |
| Ethylbenzene | 26.2 | 1.0 | ug/l | 25.0 | ND | 105 | 65-130 | 10 | 20 | |
| 1,2-Dichloroethane | 23.3 | 0.50 | ug/l | 25.0 | ND | 93 | 60-140 | 11 | 20 | |
| Hexachlorobutadiene | 26.9 | 1.0 | ug/l | 25.0 | ND | 107 | 60-135 | 9 | 20 | |
| Isopropylbenzene | 26.7 | 1.0 | ug/l | 25.0 | ND | 107 | 70-135 | 8 | 20 | |
| p-Isopropyltoluene | 28.3 | 1.0 | ug/l | 25.0 | ND | 113 | 65-130 | 8 | 20 | |
| Methylene chloride | 23.6 | 5.0 | ug/l | 25.0 | ND | 95 | 50-135 | 8 | 20 | |
| Naphthalene | 27.7 | 1.0 | ug/l | 25.0 | ND | 111 | 50-140 | 4 | 30 | |
| n-Propylbenzene | 26.5 | 1.0 | ug/l | 25.0 | ND | 106 | 70-135 | 6 | 20 | |
| Styrene | 23.4 | 1.0 | ug/l | 25.0 | ND | 94 | 50-145 | 13 | 30 | |
| 1,1,2-Tetrachloroethane | 25.7 | 1.0 | ug/l | 25.0 | ND | 103 | 65-140 | 7 | 20 | |

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Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2626

Sampled: 07/31/08
Received: 07/31/08

## METHOD BLANK/QC DATA

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: 8H03010 Extracted: 08/03/08** | | | | | | | | | | |
| **Matrix Spike Dup Analyzed: 08/03/2008 (8H03010-MSD1)** | | | | | **Source: IRG2626-07** | | | | | |
| 1,1,2,2-Tetrachloroethane | 26.4 | 1.0 | ug/l | 25.0 | ND | 105 | 55-135 | 10 | 30 | |
| Tetrachloroethene | 27.5 | 1.0 | ug/l | 25.0 | 1.91 | 102 | 65-130 | 8 | 20 | |
| Toluene | 25.8 | 1.0 | ug/l | 25.0 | ND | 103 | 70-125 | 14 | 20 | |
| 1,2,3-Trichlorobenzene | 27.2 | 1.0 | ug/l | 25.0 | ND | 109 | 60-135 | 7 | 20 | |
| 1,2,4-Trichlorobenzene | 27.6 | 1.0 | ug/l | 25.0 | ND | 110 | 65-135 | 7 | 20 | |
| 1,1,1-Trichloroethane | 25.4 | 1.0 | ug/l | 25.0 | 0.750 | 98 | 65-140 | 10 | 20 | |
| 1,1,2-Trichloroethane | 25.6 | 1.0 | ug/l | 25.0 | ND | 103 | 65-130 | 11 | 25 | |
| Trichloroethene | 91.4 | 1.0 | ug/l | 25.0 | 67.5 | 96 | 65-125 | 10 | 20 | |
| Trichlorofluoromethane | 23.5 | 1.0 | ug/l | 25.0 | ND | 94 | 60-145 | 9 | 25 | |
| ',3-Trichloropropane | 25.4 | 1.0 | ug/l | 25.0 | ND | 102 | 55-135 | 8 | 30 | |
| ,2,4-Trimethylbenzene | 23.5 | 1.0 | ug/l | 25.0 | ND | 94 | 55-135 | 11 | 25 | |
| 1,3,5-Trimethylbenzene | 26.2 | 1.0 | ug/l | 25.0 | ND | 105 | 70-130 | 10 | 20 | |
| Vinyl chloride | 23.3 | 0.50 | ug/l | 25.0 | ND | 93 | 45-140 | 13 | 30 | |
| m,p-Xylenes | 53.3 | 1.0 | ug/l | 50.0 | ND | 107 | 65-130 | 7 | 25 | |
| o-Xylene | 28.0 | 1.0 | ug/l | 25.0 | ND | 112 | 65-125 | 10 | 20 | |
| *Surrogate: 4-Bromofluorobenzene* | *23.5* | | *ug/l* | *25.0* | | *94* | *80-120* | | | |
| *Surrogate: Dibromofluoromethane* | *22.0* | | *ug/l* | *25.0* | | *88* | *80-120* | | | |
| *Surrogate: Toluene-d8* | *23.3* | | *ug/l* | *25.0* | | *93* | *80-120* | | | |

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Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2626

Sampled: 07/31/08
Received: 07/31/08

## METHOD BLANK/QC DATA

## DISSOLVED METALS

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: 8H06092 Extracted: 08/06/08** | | | | | | | | | | |
| **Blank Analyzed: 08/08/2008 (8H06092-BLK1)** | | | | | | | | | | |
| Cadmium | ND | 0.0050 | mg/l | | | | | | | |
| Chromium | ND | 0.0050 | mg/l | | | | | | | |
| Copper | ND | 0.010 | mg/l | | | | | | | |
| **LCS Analyzed: 08/08/2008 (8H06092-BS1)** | | | | | | | | | | |
| Cadmium | 0.916 | 0.0050 | mg/l | 1.00 | | 92 | 80-120 | | | |
| Chromium | 0.937 | 0.0050 | mg/l | 1.00 | | 94 | 80-120 | | | |
| Copper | 0.936 | 0.010 | mg/l | 1.00 | | 94 | 80-120 | | | |
| **Matrix Spike Analyzed: 08/08/2008 (8H06092-MS1)** | | | | | **Source: IRH0020-01** | | | | | |
| dmium | 0.867 | 0.010 | mg/l | 1.00 | ND | 87 | 75-125 | | | |
| hromium | 0.924 | 0.010 | mg/l | 1.00 | 0.00707 | 92 | 75-125 | | | |
| Copper | 0.951 | 0.020 | mg/l | 1.00 | ND | 95 | 75-125 | | | |
| **Matrix Spike Dup Analyzed: 08/08/2008 (8H06092-MSD1)** | | | | | **Source: IRH0020-01** | | | | | |
| Cadmium | 0.870 | 0.010 | mg/l | 1.00 | ND | 87 | 75-125 | 0 | 20 | |
| Chromium | 0.945 | 0.010 | mg/l | 1.00 | 0.00707 | 94 | 75-125 | 2 | 20 | |
| Copper | 0.954 | 0.020 | mg/l | 1.00 | ND | 95 | 75-125 | 0 | 20 | |

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Report Number: IRG2626

Sampled: 07/31/08
Received: 07/31/08

# METHOD BLANK/QC DATA

## INORGANICS

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: 8G31105 Extracted: 07/31/08** | | | | | | | | | | |
| **Blank Analyzed: 07/31/2008 (8G31105-BLK1)** | | | | | | | | | | |
| Chromium VI | ND | 0.0010 | mg/l | | | | | | | |
| **LCS Analyzed: 07/31/2008 (8G31105-BS1)** | | | | | | | | | | |
| Chromium VI | 0.0507 | 0.0010 | mg/l | 0.0500 | | 101 | 90-110 | | | |
| **Matrix Spike Analyzed: 07/31/2008 (8G31105-MS1)** | | | | | **Source: IRG2626-04** | | | | | |
| Chromium VI | 0.0503 | 0.0010 | mg/l | 0.0500 | ND | 101 | 85-115 | | | |
| **Matrix Spike Analyzed: 07/31/2008 (8G31105-MS2)** | | | | | **Source: IRG2672-01** | | | | | |
| Chromium VI | 0.0501 | 0.0010 | mg/l | 0.0500 | ND | 100 | 85-115 | | | |
| **Matrix Spike Dup Analyzed: 07/31/2008 (8G31105-MSD1)** | | | | | **Source: IRG2626-04** | | | | | |
| Chromium VI | 0.0499 | 0.0010 | mg/l | 0.0500 | ND | 100 | 85-115 | 1 | 20 | |
| **Batch: 8H01069 Extracted: 08/01/08** | | | | | | | | | | |
| **Duplicate Analyzed: 08/01/2008 (8H01069-DUP1)** | | | | | **Source: IRG2626-03** | | | | | |
| pH | 7.37 | 0.100 | pH Units | | 7.40 | | | 0 | 5 | *HFT* |
| **Duplicate Analyzed: 08/01/2008 (8H01069-DUP2)** | | | | | **Source: IRG2627-01** | | | | | |
| pH | 7.00 | 0.100 | pH Units | | 7.06 | | | 1 | 5 | *HFT* |

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Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2626

Sampled: 07/31/08
Received: 07/31/08

## DATA QUALIFIERS AND DEFINITIONS

| | |
|---|---|
| **HFT** | The holding time for this test is immediate. It was analyzed in the laboratory as soon as possible after receipt. |
| **M1** | The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS). |
| **MHA** | Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS). |
| **RL1** | Reporting limit raised due to sample matrix effects. |
| **ND** | Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified. |
| **RPD** | Relative Percent Difference |

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Attention: Rebecca Frymer

Project ID: PTI, Phibro-Tech
06-441-C
Report Number: IRG2626

Sampled: 07/31/08
Received: 07/31/08

## Certification Summary

**TestAmerica Irvine**

| Method | Matrix | Nelac | California |
|---|---|---|---|
| EPA 150.1 | Water | X | X |
| EPA 6010B-Diss | Water | X | X |
| EPA 7199 | Water | X | X |
| EPA 8260B | Water | X | X |

*Nevada and NELAP provide analyte specific accreditations. Analyte specific information for TestAmerica may be obtained by contacting the laboratory or visiting our website at www.testamericainc.com*

**tAmerica Irvine**

Sushmitha Reddy For Patty Mata
Project Manager

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IR62626

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# CHAIN-OF-CUSTODY

Date: 7/31/08 Page: of № 2340

Sampler Name(s): Becky Frymer
Signature(s): [signature]

Analyses Required

| Sample ID | Date | Time | Matrix | Pres. | VOCs (8260) | Cd, Cr, Cu (6010) | Cr VI (7199) | pH (150.1) | Number of Containers |
|---|---|---|---|---|---|---|---|---|---|
| PTI-MW07-078 | 7/31/08 | 8:10 | $H_2O$ | VAR | X | X | X | X | |
| PTI-TB03-078 | ↓ | 8:30 | $H_2O$ | HCl | X | | | | |
| PTI-MW06B-078 | ↓ | 9:00 | ↓ | VAR | X | X | X | X | |
| PTI-EB03-078 | ↓ | 9:15 | ↓ | ↓ | X | X | X | X | |
| PTI-MW06D-078 | ↓ | 9:55 | ↓ | ↓ | X | X | X | X | |
| PTI-FB01-078 | ↓ | 10:35 | ↓ | ↓ | X | X | X | X | |
| PTI-MW04A-078 | ↓ | 11:15 | ↓ | ↓ | X | X | X | X | |
| PTI-MW04-078 | ↓ | | ↓ | ↓ | X | X | X | X | |
| PTI-MW34-078 | ↓ | | ↓ | ↓ | X | X | X | X | |

AR 1800 7/31/08

**PROJECT INFORMATION**

Project Name: REBECCA FRYMER
Project Number: 06-441-C
Contact Person: PTI
E-mail: RFRYMER@IRISENV.COM
Contact Telephone: 510 834 4747 x20
Report: Routine (Level 2) Level 3 Level 4 EDD
TAT: 10-day 5-day 72-hr 48-hr 24-hr Other:

**Special Instructions/Comments:**

Field filtered for metals

| RELINQUISHED BY: | RECEIVED BY: |
|---|---|
| Printed Name: R. FRYMER | Printed Name: [signature] |
| Signature: [signature] | Signature: Emilio Aceves |
| Company: IRIS | Company: TAI |
| Time/Date: 7/31/08 1410 | Time/Date: 7/31/08 1410 |

| RELINQUISHED BY: | RECEIVED BY: |
|---|---|
| Printed Name: Emilio Aceves | Printed Name: Vu Bank |
| Signature: [signature] | Signature: Vu Bank |
| Company: TAI | Company: TA/Irv. |
| Time/Date: 7/31/08 1535 | Time/Date: 7/31/08 1535 3.7/38 |

#028 #028

# Appendix E
# Statistical Evaluation

# Appendix E-1
# Statistical Evaluation of Upper Aquifer Wells

## Worksheet 1 - Comparison to Background
## Benzene (ug/L)
## Nonparametric Prediction Limit

| Step | Equation | Description |
|---|---|---|
| 1 | PL = max(X)<br>= **0.95** | Compute nonparametric prediction limit as largest background measurement. |
| 2 | K = **9** | Number of comparisons. |
| 3 | N = **76** | Number of background measurements. |
| 4 | No resampling. | |
| 5 | Confidence = **0.889** | Confidence level is based on N, K and resampling strategy (see Gibbons 1994). |

## Worksheet 1 - Comparison to Background
## Cadmium (mg/L)
## Nonparametric Prediction Limit

| Step | Equation | Description |
|---|---|---|
| 1 | PL = median(X)<br>= **0.005** | Compute nonparametric prediction limit as median reporting limit in background. |
| 2 | K = **9** | Number of comparisons. |
| 3 | N = **76** | Number of background measurements. |
| 4 | No resampling. | |
| 5 | Confidence = **0.889** | Confidence level is based on N, K and resampling strategy (see Gibbons 1994). |

## Worksheet 1 - Comparison to Background
## Chromium (mg/L)
## Nonparametric Prediction Limit

| Step | Equation | Description |
|---|---|---|
| 1 | PL = max(X)<br>= **0.1** | Compute nonparametric prediction limit as largest background measurement. |
| 2 | K = **9** | Number of comparisons. |
| 3 | N = **76** | Number of background measurements. |
| 4 | No resampling. | |
| 5 | Confidence = **0.889** | Confidence level is based on N, K and resampling strategy (see Gibbons 1994). |

## Worksheet 1 - Comparison to Background
## Chromium (vi) (mg/L)
## Nonparametric Prediction Limit

| Step | Equation | Description |
|---|---|---|
| 1 | PL = max(X)<br>= **0.1** | Compute nonparametric prediction limit as largest background measurement. |
| 2 | K = **9** | Number of comparisons. |
| 3 | N = **76** | Number of background measurements. |
| 4 | No resampling. | |
| 5 | Confidence = **0.889** | Confidence level is based on N, K and resampling strategy (see Gibbons 1994). |

## Worksheet 1 - Comparison to Background
## Copper (mg/L)
## Nonparametric Prediction Limit

| Step | Equation | Description |
|---|---|---|
| 1 | PL = max(X) = **0.052** | Compute nonparametric prediction limit as largest background measurement. |
| 2 | K = **9** | Number of comparisons. |
| 3 | N = **76** | Number of background measurements. |
| 4 | No resampling. | |
| 5 | Confidence = **0.889** | Confidence level is based on N, K and resampling strategy (see Gibbons 1994). |

## Worksheet 1 - Comparison to Background
## Ethylbenzene (ug/L)
## Nonparametric Prediction Limit

| Step | Equation | Description |
|---|---|---|
| 1 | PL = max(X)<br>= **3.5** | Compute nonparametric prediction limit as largest background measurement. |
| 2 | K = **9** | Number of comparisons. |
| 3 | N = **76** | Number of background measurements. |
| 4 | No resampling. | |
| 5 | Confidence = **0.889** | Confidence level is based on N, K and resampling strategy (see Gibbons 1994). |

## Worksheet 1 - Comparison to Background
## M,p-xylene (ug/L)
## Nonparametric Prediction Limit

| Step | Equation | Description |
|---|---|---|
| 1 | PL = median(X)<br>= **1.0** | Compute nonparametric prediction limit as median reporting limit in background. |
| 2 | K = **9** | Number of comparisons. |
| 3 | N = **37** | Number of background measurements. |
| 4 | No resampling. | |
| 5 | Confidence = **0.787** | Confidence level is based on N, K and resampling strategy (see Gibbons 1994). |

## Worksheet 1 - Comparison to Background
## O-xylene (ug/L)
## Nonparametric Prediction Limit

| Step | Equation | Description |
|---|---|---|
| 1 | PL = median(X)<br>= **1.0** | Compute nonparametric prediction limit as median reporting limit in background. |
| 2 | K = **9** | Number of comparisons. |
| 3 | N = **37** | Number of background measurements. |
| 4 | No resampling. | |
| 5 | Confidence = **0.787** | Confidence level is based on N, K and resampling strategy (see Gibbons 1994). |

**Worksheet 1 - Comparison to Background**

**Toluene (ug/L)**

**Nonparametric Prediction Limit**

| Step | Equation | Description |
|---|---|---|
| 1 | PL = max(X)<br>= **2.2** | Compute nonparametric prediction limit as largest background measurement. |
| 2 | K = **9** | Number of comparisons. |
| 3 | N = **76** | Number of background measurements. |
| 4 | No resampling. | |
| 5 | Confidence = **0.889** | Confidence level is based on N, K and resampling strategy (see Gibbons 1994). |

**Worksheet 1 - Comparison to Background**
**Total xylenes (ug/L)**
**Nonparametric Prediction Limit**

| Step | Equation | Description |
|---|---|---|
| 1 | PL = max(X) = **6.1** | Compute nonparametric prediction limit as largest background measurement. |
| 2 | K = **9** | Number of comparisons. |
| 3 | N = **76** | Number of background measurements. |
| 4 | No resampling. | |
| 5 | Confidence = **0.889** | Confidence level is based on N, K and resampling strategy (see Gibbons 1994). |

## Worksheet 1 - Comparison to Background
## Trichloroethene (ug/L)
## Normal Prediction Limit

| Step | Equation | Description |
|---|---|---|
| 1 | $\bar{X}$ = **sum[X] / N**<br>= **844.8 / 76**<br>= **11.116** | Compute background mean. |
| 2 | S = ( (**sum[$X^2$] - sum[X]$^2$/N**) / (**N**-1) )$^{1/2}$<br>= ( (**11013.42 - 713687.04/76**) / (**76**-1) )$^{1/2}$<br>= **4.652** | Compute background sd. |
| 3 | alpha = (1-**conf**)/**K**<br>= (1-**.95**)/**99**<br>= **5.051 x $10^{-4}$** | Adjusted per comparison false positive rate. Pass initial (no resampling). |
| 4 | PL = $\bar{X}$ + **tS**(1+1/**N**)$^{1/2}$<br>= **11.116** + (**3.422*****4.652**)(1+1/**76**)$^{1/2}$<br>= **27.137** | One-sided normal prediction limit (t is Student's t on N-1 degrees of freedom and 1-alpha confidence level). |

# Table 1

## Background Data

| Constituent | Units | Location | Date | | Result |
|---|---|---|---|---|---|
| Benzene | ug/L | MW-01S | 01/15/1989 | ND | 0.1000 |
| Benzene | ug/L | MW-01S | 04/15/1989 | ND | 0.7000 |
| Benzene | ug/L | MW-01S | 07/15/1989 | ND | 0.7000 |
| Benzene | ug/L | MW-01S | 10/15/1989 | ND | 0.5000 |
| Benzene | ug/L | MW-01S | 01/22/1990 | ND | 0.5000 |
| Benzene | ug/L | MW-01S | 04/10/1990 | ND | 2.5000 |
| Benzene | ug/L | MW-01S | 07/15/1990 | ND | 0.5000 |
| Benzene | ug/L | MW-01S | 10/15/1990 | ND | 0.5000 |
| Benzene | ug/L | MW-01S | 01/15/1991 | ND | 0.5000 |
| Benzene | ug/L | MW-01S | 04/15/1991 | ND | 0.5000 |
| Benzene | ug/L | MW-01S | 07/15/1991 | ND | 0.5000 |
| Benzene | ug/L | MW-01S | 10/21/1991 | ND | 1.0000 |
| Benzene | ug/L | MW-01S | 01/15/1992 | ND | 1.0000 |
| Benzene | ug/L | MW-01S | 04/15/1992 | ND | 0.5000 |
| Benzene | ug/L | MW-01S | 07/15/1992 | ND | 0.5000 |
| Benzene | ug/L | MW-01S | 10/15/1992 | | 0.9500 |
| Benzene | ug/L | MW-01S | 01/15/1993 | ND | 0.5000 |
| Benzene | ug/L | MW-01S | 04/19/1993 | ND | 0.5000 |
| Benzene | ug/L | MW-01S | 07/12/1993 | ND | 0.5000 |
| Benzene | ug/L | MW-01S | 10/12/1993 | ND | 0.5000 |
| Benzene | ug/L | MW-01S | 01/10/1994 | ND | 0.5000 |
| Benzene | ug/L | MW-01S | 04/11/1994 | ND | 0.5000 |
| Benzene | ug/L | MW-01S | 07/18/1994 | ND | 0.5000 |
| Benzene | ug/L | MW-01S | 10/10/1994 | ND | 0.5000 |
| Benzene | ug/L | MW-01S | 01/16/1995 | ND | 0.5000 |
| Benzene | ug/L | MW-01S | 04/17/1995 | ND | 0.5000 |
| Benzene | ug/L | MW-01S | 07/10/1995 | ND | 0.5000 |
| Benzene | ug/L | MW-01S | 10/09/1995 | ND | 0.5000 |
| Benzene | ug/L | MW-01S | 01/30/1996 | ND | 0.5000 |
| Benzene | ug/L | MW-01S | 04/15/1996 | ND | 0.5000 |
| Benzene | ug/L | MW-01S | 07/15/1996 | ND | 0.5000 |
| Benzene | ug/L | MW-01S | 10/07/1996 | ND | 0.5000 |
| Benzene | ug/L | MW-01S | 01/13/1997 | ND | 0.5000 |
| Benzene | ug/L | MW-01S | 04/15/1997 | ND | 0.5000 |
| Benzene | ug/L | MW-01S | 07/08/1997 | ND | 0.5000 |
| Benzene | ug/L | MW-01S | 10/14/1997 | ND | 0.5000 |
| Benzene | ug/L | MW-01S | 01/13/1998 | ND | 0.5000 |
| Benzene | ug/L | MW-01S | 04/21/1998 | ND | 0.5000 |
| Benzene | ug/L | MW-01S | 07/14/1998 | ND | 0.5000 |
| Benzene | ug/L | MW-01S | 10/19/1998 | ND | 0.5000 |
| Benzene | ug/L | MW-01S | 01/15/1999 | ND | 0.5000 |
| Benzene | ug/L | MW-01S | 04/15/1999 | ND | 1.0000 |
| Benzene | ug/L | MW-01S | 07/15/1999 | ND | 1.0000 |
| Benzene | ug/L | MW-01S | 10/15/1999 | ND | 1.0000 |

* - Outlier for that location and constituent.
ND = Not detected, result = detection limit.

# Table 1

## Background Data

| Constituent | Units | Location | Date | | Result |
|---|---|---|---|---|---|
| Benzene | ug/L | MW-01S | 01/25/2000 | ND | 1.0000 |
| Benzene | ug/L | MW-01S | 04/15/2000 | ND | 1.0000 |
| Benzene | ug/L | MW-01S | 10/15/2000 | ND | 1.0000 |
| Benzene | ug/L | MW-01S | 04/15/2001 | ND | 1.0000 |
| Benzene | ug/L | MW-01S | 07/17/2001 | ND | 1.0000 |
| Benzene | ug/L | MW-01S | 10/16/2001 | ND | 1.0000 |
| Benzene | ug/L | MW-01S | 01/15/2002 | ND | 1.0000 |
| Benzene | ug/L | MW-01S | 04/16/2002 | ND | 1.0000 |
| Benzene | ug/L | MW-01S | 07/24/2002 | ND | 1.0000 |
| Benzene | ug/L | MW-01S | 10/22/2002 | ND | 1.0000 |
| Benzene | ug/L | MW-01S | 01/08/2003 | ND | 0.5000 |
| Benzene | ug/L | MW-01S | 04/23/2003 | ND | 0.5000 |
| Benzene | ug/L | MW-01S | 07/29/2003 | ND | 0.5000 |
| Benzene | ug/L | MW-01S | 10/21/2003 | ND | 0.5000 |
| Benzene | ug/L | MW-01S | 01/21/2004 | ND | 0.5000 |
| Benzene | ug/L | MW-01S | 04/20/2004 | ND | 0.5000 |
| Benzene | ug/L | MW-01S | 07/20/2004 | ND | 0.5000 |
| Benzene | ug/L | MW-01S | 01/26/2005 | ND | 0.5000 |
| Benzene | ug/L | MW-01S | 04/26/2005 | ND | 0.5000 |
| Benzene | ug/L | MW-01S | 07/26/2005 | ND | 0.5000 |
| Benzene | ug/L | MW-01S | 10/18/2005 | ND | 0.5000 |
| Benzene | ug/L | MW-01S | 01/25/2006 | ND | 0.5000 |
| Benzene | ug/L | MW-01S | 04/25/2006 | ND | 0.5000 |
| Benzene | ug/L | MW-01S | 07/26/2006 | ND | 0.5000 |
| Benzene | ug/L | MW-01S | 10/24/2006 | ND | 0.5000 |
| Benzene | ug/L | MW-01S | 01/17/2007 | ND | 0.5000 |
| Benzene | ug/L | MW-01S | 04/17/2007 | ND | 0.5000 |
| Benzene | ug/L | MW-01S | 07/24/2007 | ND | 0.5000 |
| Benzene | ug/L | MW-01S | 10/23/2007 | ND | 0.5000 |
| Benzene | ug/L | MW-01S | 01/29/2008 | ND | 0.5000 |
| Benzene | ug/L | MW-01S | 04/22/2008 | ND | 0.5000 |
| Benzene | ug/L | MW-01S | 07/30/2008 | ND | 0.5000 |
| Cadmium | mg/L | MW-01S | 01/15/1989 | ND | 0.0030 |
| Cadmium | mg/L | MW-01S | 04/15/1989 | ND | 0.0100 |
| Cadmium | mg/L | MW-01S | 07/15/1989 | ND | 0.0100 |
| Cadmium | mg/L | MW-01S | 10/15/1989 | ND | 0.0100 |
| Cadmium | mg/L | MW-01S | 01/22/1990 | ND | 0.0050 |
| Cadmium | mg/L | MW-01S | 04/10/1990 | ND | 0.0050 |
| Cadmium | mg/L | MW-01S | 07/15/1990 | ND | 0.0100 |
| Cadmium | mg/L | MW-01S | 10/15/1990 | ND | 0.0050 |
| Cadmium | mg/L | MW-01S | 01/15/1991 | ND | 0.0050 |
| Cadmium | mg/L | MW-01S | 04/15/1991 | ND | 0.0050 |
| Cadmium | mg/L | MW-01S | 07/15/1991 | ND | 0.0050 |
| Cadmium | mg/L | MW-01S | 10/21/1991 | ND | 0.0050 |

* - Outlier for that location and constituent.
ND = Not detected, result = detection limit.

# Table 1

## Background Data

| Constituent | Units | Location | Date | | Result |
|---|---|---|---|---|---|
| Cadmium | mg/L | MW-01S | 01/15/1992 | ND | 0.0027 |
| Cadmium | mg/L | MW-01S | 04/15/1992 | ND | 0.0050 |
| Cadmium | mg/L | MW-01S | 07/15/1992 | ND | 0.0050 |
| Cadmium | mg/L | MW-01S | 10/15/1992 | ND | 0.0050 |
| Cadmium | mg/L | MW-01S | 01/15/1993 | ND | 0.0050 |
| Cadmium | mg/L | MW-01S | 04/19/1993 | ND | 0.0050 |
| Cadmium | mg/L | MW-01S | 07/12/1993 | ND | 0.0050 |
| Cadmium | mg/L | MW-01S | 10/12/1993 | ND | 0.0050 |
| Cadmium | mg/L | MW-01S | 01/10/1994 | ND | 0.0050 |
| Cadmium | mg/L | MW-01S | 04/11/1994 | ND | 0.0050 |
| Cadmium | mg/L | MW-01S | 07/18/1994 | ND | 0.0050 |
| Cadmium | mg/L | MW-01S | 10/10/1994 | ND | 0.0050 |
| Cadmium | mg/L | MW-01S | 01/16/1995 | ND | 0.0050 |
| Cadmium | mg/L | MW-01S | 04/17/1995 | ND | 0.0050 |
| Cadmium | mg/L | MW-01S | 07/10/1995 | ND | 0.0050 |
| Cadmium | mg/L | MW-01S | 10/09/1995 | ND | 0.0050 |
| Cadmium | mg/L | MW-01S | 01/30/1996 | ND | 0.0050 |
| Cadmium | mg/L | MW-01S | 04/15/1996 | ND | 0.0050 |
| Cadmium | mg/L | MW-01S | 07/15/1996 | ND | 0.0050 |
| Cadmium | mg/L | MW-01S | 10/07/1996 | ND | 0.0050 |
| Cadmium | mg/L | MW-01S | 01/13/1997 | ND | 0.0050 |
| Cadmium | mg/L | MW-01S | 04/15/1997 | ND | 0.0050 |
| Cadmium | mg/L | MW-01S | 07/08/1997 | ND | 0.0050 |
| Cadmium | mg/L | MW-01S | 10/14/1997 | ND | 0.0050 |
| Cadmium | mg/L | MW-01S | 01/13/1998 | ND | 0.0050 |
| Cadmium | mg/L | MW-01S | 04/21/1998 | ND | 0.0050 |
| Cadmium | mg/L | MW-01S | 07/14/1998 | ND | 0.0050 |
| Cadmium | mg/L | MW-01S | 10/19/1998 | ND | 0.0050 |
| Cadmium | mg/L | MW-01S | 01/15/1999 | ND | 0.0050 |
| Cadmium | mg/L | MW-01S | 04/15/1999 | ND | 0.0050 |
| Cadmium | mg/L | MW-01S | 07/15/1999 | ND | 0.0050 |
| Cadmium | mg/L | MW-01S | 10/15/1999 | ND | 0.0050 |
| Cadmium | mg/L | MW-01S | 01/25/2000 | ND | 0.0050 |
| Cadmium | mg/L | MW-01S | 04/15/2000 | ND | 0.0050 |
| Cadmium | mg/L | MW-01S | 10/15/2000 | ND | 0.0050 |
| Cadmium | mg/L | MW-01S | 04/15/2001 | ND | 0.0050 |
| Cadmium | mg/L | MW-01S | 07/17/2001 | ND | 0.0050 |
| Cadmium | mg/L | MW-01S | 10/16/2001 | ND | 0.0050 |
| Cadmium | mg/L | MW-01S | 01/15/2002 | ND | 0.0050 |
| Cadmium | mg/L | MW-01S | 04/16/2002 | ND | 0.0050 |
| Cadmium | mg/L | MW-01S | 07/24/2002 | ND | 0.0050 |
| Cadmium | mg/L | MW-01S | 10/22/2002 | ND | 0.0050 |
| Cadmium | mg/L | MW-01S | 01/08/2003 | ND | 0.0050 |
| Cadmium | mg/L | MW-01S | 04/23/2003 | ND | 0.0100 |

* - Outlier for that location and constituent.
ND = Not detected, result = detection limit.

# Table 1

## Background Data

| Constituent | Units | Location | Date | | Result |
|---|---|---|---|---|---|
| Cadmium | mg/L | MW-01S | 07/29/2003 | ND | 0.0100 |
| Cadmium | mg/L | MW-01S | 10/21/2003 | ND | 0.0050 |
| Cadmium | mg/L | MW-01S | 01/21/2004 | ND | 0.0050 |
| Cadmium | mg/L | MW-01S | 04/20/2004 | ND | 0.0050 |
| Cadmium | mg/L | MW-01S | 07/20/2004 | ND | 0.0050 |
| Cadmium | mg/L | MW-01S | 01/26/2005 | ND | 0.0050 |
| Cadmium | mg/L | MW-01S | 04/26/2005 | ND | 0.0050 |
| Cadmium | mg/L | MW-01S | 07/26/2005 | ND | 0.0050 |
| Cadmium | mg/L | MW-01S | 10/18/2005 | ND | 0.0050 |
| Cadmium | mg/L | MW-01S | 01/25/2006 | ND | 0.0050 |
| Cadmium | mg/L | MW-01S | 04/25/2006 | ND | 0.0050 |
| Cadmium | mg/L | MW-01S | 07/26/2006 | ND | 0.0100 |
| Cadmium | mg/L | MW-01S | 10/24/2006 | ND | 0.0050 |
| Cadmium | mg/L | MW-01S | 01/17/2007 | ND | 0.0050 |
| Cadmium | mg/L | MW-01S | 04/17/2007 | ND | 0.0050 |
| Cadmium | mg/L | MW-01S | 07/24/2007 | ND | 0.0050 |
| Cadmium | mg/L | MW-01S | 10/23/2007 | ND | 0.0050 |
| Cadmium | mg/L | MW-01S | 01/29/2008 | ND | 0.0050 |
| Cadmium | mg/L | MW-01S | 04/22/2008 | ND | 0.0050 |
| Cadmium | mg/L | MW-01S | 07/30/2008 | ND | 0.0050 |
| Chromium | mg/L | MW-01S | 01/15/1989 | | 0.0140 |
| Chromium | mg/L | MW-01S | 04/15/1989 | | 0.1000 |
| Chromium | mg/L | MW-01S | 07/15/1989 | | 0.0600 |
| Chromium | mg/L | MW-01S | 10/15/1989 | ND | 0.0200 |
| Chromium | mg/L | MW-01S | 01/22/1990 | ND | 0.0100 |
| Chromium | mg/L | MW-01S | 04/10/1990 | ND | 0.0200 |
| Chromium | mg/L | MW-01S | 07/15/1990 | ND | 0.0100 |
| Chromium | mg/L | MW-01S | 10/15/1990 | ND | 0.0100 |
| Chromium | mg/L | MW-01S | 01/15/1991 | ND | 0.0100 |
| Chromium | mg/L | MW-01S | 04/15/1991 | ND | 0.0100 |
| Chromium | mg/L | MW-01S | 07/15/1991 | ND | 0.0100 |
| Chromium | mg/L | MW-01S | 10/21/1991 | | 0.0100 |
| Chromium | mg/L | MW-01S | 01/15/1992 | ND | 0.0081 |
| Chromium | mg/L | MW-01S | 04/15/1992 | ND | 0.0100 |
| Chromium | mg/L | MW-01S | 07/15/1992 | ND | 0.0100 |
| Chromium | mg/L | MW-01S | 10/15/1992 | ND | 0.0100 |
| Chromium | mg/L | MW-01S | 01/15/1993 | ND | 0.0100 |
| Chromium | mg/L | MW-01S | 04/19/1993 | ND | 0.0100 |
| Chromium | mg/L | MW-01S | 07/12/1993 | ND | 0.0100 |
| Chromium | mg/L | MW-01S | 10/12/1993 | ND | 0.0100 |
| Chromium | mg/L | MW-01S | 01/10/1994 | ND | 0.0100 |
| Chromium | mg/L | MW-01S | 04/11/1994 | ND | 0.0100 |
| Chromium | mg/L | MW-01S | 07/18/1994 | ND | 0.0100 |
| Chromium | mg/L | MW-01S | 10/10/1994 | ND | 0.0100 |

* - Outlier for that location and constituent.
ND = Not detected, result = detection limit.

# Table 1

## Background Data

| Constituent | Units | Location | Date | | Result |
|---|---|---|---|---|---|
| Chromium | mg/L | MW-01S | 01/16/1995 | ND | 0.0100 |
| Chromium | mg/L | MW-01S | 04/17/1995 | ND | 0.0100 |
| Chromium | mg/L | MW-01S | 07/10/1995 | ND | 0.0100 |
| Chromium | mg/L | MW-01S | 10/09/1995 | ND | 0.0100 |
| Chromium | mg/L | MW-01S | 01/30/1996 | ND | 0.0100 |
| Chromium | mg/L | MW-01S | 04/15/1996 | ND | 0.0100 |
| Chromium | mg/L | MW-01S | 07/15/1996 | ND | 0.0100 |
| Chromium | mg/L | MW-01S | 10/07/1996 | ND | 0.0100 |
| Chromium | mg/L | MW-01S | 01/13/1997 | ND | 0.0100 |
| Chromium | mg/L | MW-01S | 04/15/1997 | ND | 0.0100 |
| Chromium | mg/L | MW-01S | 07/08/1997 | ND | 0.0100 |
| Chromium | mg/L | MW-01S | 10/14/1997 | ND | 0.0100 |
| Chromium | mg/L | MW-01S | 01/13/1998 | ND | 0.0100 |
| Chromium | mg/L | MW-01S | 04/21/1998 | ND | 0.0100 |
| Chromium | mg/L | MW-01S | 07/14/1998 | ND | 0.0100 |
| Chromium | mg/L | MW-01S | 10/19/1998 | ND | 0.0100 |
| Chromium | mg/L | MW-01S | 01/15/1999 | ND | 0.0100 |
| Chromium | mg/L | MW-01S | 04/15/1999 | ND | 0.0100 |
| Chromium | mg/L | MW-01S | 07/15/1999 | ND | 0.0100 |
| Chromium | mg/L | MW-01S | 10/15/1999 | ND | 0.0100 |
| Chromium | mg/L | MW-01S | 01/25/2000 | ND | 0.0100 |
| Chromium | mg/L | MW-01S | 04/15/2000 | ND | 0.0100 |
| Chromium | mg/L | MW-01S | 10/15/2000 | ND | 0.0100 |
| Chromium | mg/L | MW-01S | 04/15/2001 | ND | 0.0100 |
| Chromium | mg/L | MW-01S | 07/17/2001 | ND | 0.0100 |
| Chromium | mg/L | MW-01S | 10/16/2001 | ND | 0.0100 |
| Chromium | mg/L | MW-01S | 01/15/2002 | ND | 0.0100 |
| Chromium | mg/L | MW-01S | 04/16/2002 | ND | 0.0100 |
| Chromium | mg/L | MW-01S | 07/24/2002 | ND | 0.0100 |
| Chromium | mg/L | MW-01S | 10/22/2002 | ND | 0.0100 |
| Chromium | mg/L | MW-01S | 01/08/2003 | | 0.0024 |
| Chromium | mg/L | MW-01S | 04/23/2003 | ND | 0.0100 |
| Chromium | mg/L | MW-01S | 07/29/2003 | ND | 0.0100 |
| Chromium | mg/L | MW-01S | 10/21/2003 | ND | 0.0050 |
| Chromium | mg/L | MW-01S | 01/21/2004 | ND | 0.0050 |
| Chromium | mg/L | MW-01S | 04/20/2004 | ND | 0.0050 |
| Chromium | mg/L | MW-01S | 07/20/2004 | ND | 0.0050 |
| Chromium | mg/L | MW-01S | 01/26/2005 | ND | 0.0050 |
| Chromium | mg/L | MW-01S | 04/26/2005 | ND | 0.0050 |
| Chromium | mg/L | MW-01S | 07/26/2005 | ND | 0.0050 |
| Chromium | mg/L | MW-01S | 10/18/2005 | ND | 0.0050 |
| Chromium | mg/L | MW-01S | 01/25/2006 | ND | 0.0050 |
| Chromium | mg/L | MW-01S | 04/25/2006 | ND | 0.0050 |
| Chromium | mg/L | MW-01S | 07/26/2006 | ND | 0.0100 |

* - Outlier for that location and constituent.
ND = Not detected, result = detection limit.

# Table 1

## Background Data

| Constituent | Units | Location | Date | | Result |
|---|---|---|---|---|---|
| Chromium | mg/L | MW-01S | 10/24/2006 | ND | 0.0050 |
| Chromium | mg/L | MW-01S | 01/17/2007 | ND | 0.0050 |
| Chromium | mg/L | MW-01S | 04/17/2007 | ND | 0.0050 |
| Chromium | mg/L | MW-01S | 07/24/2007 | ND | 0.0050 |
| Chromium | mg/L | MW-01S | 10/23/2007 | ND | 0.0050 |
| Chromium | mg/L | MW-01S | 01/29/2008 | ND | 0.0050 |
| Chromium | mg/L | MW-01S | 04/22/2008 | ND | 0.0050 |
| Chromium | mg/L | MW-01S | 07/30/2008 | ND | 0.0050 |
| Chromium (vi) | mg/L | MW-01S | 01/15/1989 | ND | 0.0100 |
| Chromium (vi) | mg/L | MW-01S | 04/15/1989 | ND | 0.0500 |
| Chromium (vi) | mg/L | MW-01S | 07/15/1989 | ND | 0.0500 |
| Chromium (vi) | mg/L | MW-01S | 10/15/1989 | ND | 0.0500 |
| Chromium (vi) | mg/L | MW-01S | 01/22/1990 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01S | 04/10/1990 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01S | 07/15/1990 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01S | 10/15/1990 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01S | 01/15/1991 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01S | 04/15/1991 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01S | 07/15/1991 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01S | 10/21/1991 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01S | 01/15/1992 | | 0.1000 |
| Chromium (vi) | mg/L | MW-01S | 04/15/1992 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01S | 07/15/1992 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01S | 10/15/1992 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01S | 01/15/1993 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01S | 04/19/1993 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01S | 07/12/1993 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01S | 10/12/1993 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01S | 01/10/1994 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01S | 04/11/1994 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01S | 07/18/1994 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01S | 10/10/1994 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01S | 01/16/1995 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01S | 04/17/1995 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01S | 07/10/1995 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01S | 10/09/1995 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01S | 01/30/1996 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01S | 04/15/1996 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01S | 07/15/1996 | ND | 0.0100 |
| Chromium (vi) | mg/L | MW-01S | 10/07/1996 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01S | 01/13/1997 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01S | 04/15/1997 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01S | 07/08/1997 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01S | 10/14/1997 | ND | 0.0200 |

* - Outlier for that location and constituent.
ND = Not detected, result = detection limit.

# Table 1

## Background Data

| Constituent | Units | Location | Date | | Result |
|---|---|---|---|---|---|
| Chromium (vi) | mg/L | MW-01S | 01/13/1998 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01S | 04/21/1998 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01S | 07/14/1998 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01S | 10/19/1998 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01S | 01/15/1999 | ND | 0.0100 |
| Chromium (vi) | mg/L | MW-01S | 04/15/1999 | ND | 0.0250 |
| Chromium (vi) | mg/L | MW-01S | 07/15/1999 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01S | 10/15/1999 | ND | 0.0100 |
| Chromium (vi) | mg/L | MW-01S | 01/25/2000 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01S | 04/15/2000 | ND | 0.0100 |
| Chromium (vi) | mg/L | MW-01S | 10/15/2000 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01S | 04/15/2001 | ND | 0.0020 |
| Chromium (vi) | mg/L | MW-01S | 07/17/2001 | ND | 0.0020 |
| Chromium (vi) | mg/L | MW-01S | 10/16/2001 | | 0.0062 |
| Chromium (vi) | mg/L | MW-01S | 01/15/2002 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01S | 04/16/2002 | ND | 0.0020 |
| Chromium (vi) | mg/L | MW-01S | 07/24/2002 | | 0.0018 |
| Chromium (vi) | mg/L | MW-01S | 10/22/2002 | ND | 0.0010 |
| Chromium (vi) | mg/L | MW-01S | 01/08/2003 | ND | 0.0010 |
| Chromium (vi) | mg/L | MW-01S | 04/23/2003 | ND | 0.0010 |
| Chromium (vi) | mg/L | MW-01S | 07/29/2003 | ND | 0.0010 |
| Chromium (vi) | mg/L | MW-01S | 10/21/2003 | ND | 0.0010 |
| Chromium (vi) | mg/L | MW-01S | 01/21/2004 | ND | 0.0010 |
| Chromium (vi) | mg/L | MW-01S | 04/20/2004 | ND | 0.0010 |
| Chromium (vi) | mg/L | MW-01S | 07/20/2004 | | 0.0013 |
| Chromium (vi) | mg/L | MW-01S | 01/26/2005 | | 0.0018 |
| Chromium (vi) | mg/L | MW-01S | 04/26/2005 | ND | 0.0010 |
| Chromium (vi) | mg/L | MW-01S | 07/26/2005 | ND | 0.0010 |
| Chromium (vi) | mg/L | MW-01S | 10/18/2005 | ND | 0.0010 |
| Chromium (vi) | mg/L | MW-01S | 01/25/2006 | ND | 0.0010 |
| Chromium (vi) | mg/L | MW-01S | 04/25/2006 | ND | 0.0010 |
| Chromium (vi) | mg/L | MW-01S | 07/26/2006 | ND | 0.0010 |
| Chromium (vi) | mg/L | MW-01S | 10/24/2006 | ND | 0.0010 |
| Chromium (vi) | mg/L | MW-01S | 01/17/2007 | ND | 0.0010 |
| Chromium (vi) | mg/L | MW-01S | 04/17/2007 | ND | 0.0010 |
| Chromium (vi) | mg/L | MW-01S | 07/24/2007 | ND | 0.0010 |
| Chromium (vi) | mg/L | MW-01S | 10/23/2007 | ND | 0.0010 |
| Chromium (vi) | mg/L | MW-01S | 01/29/2008 | ND | 0.0010 |
| Chromium (vi) | mg/L | MW-01S | 04/22/2008 | ND | 0.0010 |
| Chromium (vi) | mg/L | MW-01S | 07/30/2008 | | 0.0017 |
| Copper | mg/L | MW-01S | 01/15/1989 | ND | 0.0090 |
| Copper | mg/L | MW-01S | 04/15/1989 | ND | 0.0200 |
| Copper | mg/L | MW-01S | 07/15/1989 | | 0.0300 |
| Copper | mg/L | MW-01S | 10/15/1989 | ND | 0.0500 |

* - Outlier for that location and constituent.
ND = Not detected, result = detection limit.

# Table 1

## Background Data

| Constituent | Units | Location | Date | | Result |
|---|---|---|---|---|---|
| Copper | mg/L | MW-01S | 01/22/1990 | ND | 0.0200 |
| Copper | mg/L | MW-01S | 04/10/1990 | ND | 0.0200 |
| Copper | mg/L | MW-01S | 07/15/1990 | | 0.0300 |
| Copper | mg/L | MW-01S | 10/15/1990 | | 0.0230 |
| Copper | mg/L | MW-01S | 01/15/1991 | ND | 0.0200 |
| Copper | mg/L | MW-01S | 04/15/1991 | ND | 0.0200 |
| Copper | mg/L | MW-01S | 07/15/1991 | ND | 0.0200 |
| Copper | mg/L | MW-01S | 10/21/1991 | | 0.0200 |
| Copper | mg/L | MW-01S | 01/15/1992 | | 0.0400 |
| Copper | mg/L | MW-01S | 04/15/1992 | ND | 0.0200 |
| Copper | mg/L | MW-01S | 07/15/1992 | ND | 0.0200 |
| Copper | mg/L | MW-01S | 10/15/1992 | | 0.0350 |
| Copper | mg/L | MW-01S | 01/15/1993 | ND | 0.0200 |
| Copper | mg/L | MW-01S | 04/19/1993 | ND | 0.0200 |
| Copper | mg/L | MW-01S | 07/12/1993 | ND | 0.0200 |
| Copper | mg/L | MW-01S | 10/12/1993 | ND | 0.0200 |
| Copper | mg/L | MW-01S | 01/10/1994 | ND | 0.0200 |
| Copper | mg/L | MW-01S | 04/11/1994 | ND | 0.0200 |
| Copper | mg/L | MW-01S | 07/18/1994 | ND | 0.0200 |
| Copper | mg/L | MW-01S | 10/10/1994 | ND | 0.0200 |
| Copper | mg/L | MW-01S | 01/16/1995 | ND | 0.0200 |
| Copper | mg/L | MW-01S | 04/17/1995 | ND | 0.0200 |
| Copper | mg/L | MW-01S | 07/10/1995 | ND | 0.0200 |
| Copper | mg/L | MW-01S | 10/09/1995 | ND | 0.0200 |
| Copper | mg/L | MW-01S | 01/30/1996 | ND | 0.0200 |
| Copper | mg/L | MW-01S | 04/15/1996 | ND | 0.0200 |
| Copper | mg/L | MW-01S | 07/15/1996 | ND | 0.0200 |
| Copper | mg/L | MW-01S | 10/07/1996 | ND | 0.0200 |
| Copper | mg/L | MW-01S | 01/13/1997 | | 0.0220 |
| Copper | mg/L | MW-01S | 04/15/1997 | ND | 0.0200 |
| Copper | mg/L | MW-01S | 07/08/1997 | ND | 0.0200 |
| Copper | mg/L | MW-01S | 10/14/1997 | | 0.0230 |
| Copper | mg/L | MW-01S | 01/13/1998 | ND | 0.0200 |
| Copper | mg/L | MW-01S | 04/21/1998 | | 0.0210 |
| Copper | mg/L | MW-01S | 07/14/1998 | ND | 0.0200 |
| Copper | mg/L | MW-01S | 10/19/1998 | ND | 0.0200 |
| Copper | mg/L | MW-01S | 01/15/1999 | ND | 0.0200 |
| Copper | mg/L | MW-01S | 04/15/1999 | ND | 0.0250 |
| Copper | mg/L | MW-01S | 07/15/1999 | | 0.0520 |
| Copper | mg/L | MW-01S | 10/15/1999 | ND | 0.0250 |
| Copper | mg/L | MW-01S | 01/25/2000 | ND | 0.0250 |
| Copper | mg/L | MW-01S | 04/15/2000 | ND | 0.0250 |
| Copper | mg/L | MW-01S | 10/15/2000 | ND | 0.0250 |
| Copper | mg/L | MW-01S | 04/15/2001 | ND | 0.0250 |

* - Outlier for that location and constituent.
ND = Not detected, result = detection limit.

# Table 1

## Background Data

| Constituent | Units | Location | Date | | Result |
|---|---|---|---|---|---|
| Copper | mg/L | MW-01S | 07/17/2001 | ND | 0.0250 |
| Copper | mg/L | MW-01S | 10/16/2001 | ND | 0.0250 |
| Copper | mg/L | MW-01S | 01/15/2002 | ND | 0.0250 |
| Copper | mg/L | MW-01S | 04/16/2002 | ND | 0.0250 |
| Copper | mg/L | MW-01S | 07/24/2002 | ND | 0.0250 |
| Copper | mg/L | MW-01S | 10/22/2002 | ND | 0.0250 |
| Copper | mg/L | MW-01S | 01/08/2003 | ND | 0.0100 |
| Copper | mg/L | MW-01S | 04/23/2003 | ND | 0.0200 |
| Copper | mg/L | MW-01S | 07/29/2003 | | 0.0300 |
| Copper | mg/L | MW-01S | 10/21/2003 | ND | 0.0100 |
| Copper | mg/L | MW-01S | 01/21/2004 | ND | 0.0100 |
| Copper | mg/L | MW-01S | 04/20/2004 | ND | 0.0100 |
| Copper | mg/L | MW-01S | 07/20/2004 | ND | 0.0100 |
| Copper | mg/L | MW-01S | 01/26/2005 | ND | 0.0100 |
| Copper | mg/L | MW-01S | 04/26/2005 | ND | 0.0100 |
| Copper | mg/L | MW-01S | 07/26/2005 | ND | 0.0100 |
| Copper | mg/L | MW-01S | 10/18/2005 | ND | 0.0100 |
| Copper | mg/L | MW-01S | 01/25/2006 | ND | 0.0100 |
| Copper | mg/L | MW-01S | 04/25/2006 | ND | 0.0100 |
| Copper | mg/L | MW-01S | 07/26/2006 | ND | 0.0200 |
| Copper | mg/L | MW-01S | 10/24/2006 | ND | 0.0100 |
| Copper | mg/L | MW-01S | 01/17/2007 | | 0.0120 |
| Copper | mg/L | MW-01S | 04/17/2007 | ND | 0.0100 |
| Copper | mg/L | MW-01S | 07/24/2007 | ND | 0.0100 |
| Copper | mg/L | MW-01S | 10/23/2007 | ND | 0.0100 |
| Copper | mg/L | MW-01S | 01/29/2008 | ND | 0.0100 |
| Copper | mg/L | MW-01S | 04/22/2008 | ND | 0.0100 |
| Copper | mg/L | MW-01S | 07/30/2008 | ND | 0.0100 |
| Ethylbenzene | ug/L | MW-01S | 01/15/1989 | ND | 0.1000 |
| Ethylbenzene | ug/L | MW-01S | 04/15/1989 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01S | 07/15/1989 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01S | 10/15/1989 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01S | 01/22/1990 | ND | 0.5000 |
| Ethylbenzene | ug/L | MW-01S | 04/10/1990 | ND | 2.5000 |
| Ethylbenzene | ug/L | MW-01S | 07/15/1990 | ND | 0.5000 |
| Ethylbenzene | ug/L | MW-01S | 10/15/1990 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01S | 01/15/1991 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01S | 04/15/1991 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01S | 07/15/1991 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01S | 10/21/1991 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01S | 01/15/1992 | | 1.2000 |
| Ethylbenzene | ug/L | MW-01S | 04/15/1992 | ND | 0.5000 |
| Ethylbenzene | ug/L | MW-01S | 07/15/1992 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01S | 10/15/1992 | ND | 1.0000 |

* - Outlier for that location and constituent.
ND = Not detected, result = detection limit.

# Table 1

## Background Data

| Constituent | Units | Location | Date | | Result |
|---|---|---|---|---|---|
| Ethylbenzene | ug/L | MW-01S | 01/15/1993 | | 1.3000 |
| Ethylbenzene | ug/L | MW-01S | 04/19/1993 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01S | 07/12/1993 | | 1.7000 |
| Ethylbenzene | ug/L | MW-01S | 10/12/1993 | | 2.2000 |
| Ethylbenzene | ug/L | MW-01S | 01/10/1994 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01S | 04/11/1994 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01S | 07/18/1994 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01S | 10/10/1994 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01S | 01/16/1995 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01S | 04/17/1995 | | 1.3000 |
| Ethylbenzene | ug/L | MW-01S | 07/10/1995 | | 3.5000 |
| Ethylbenzene | ug/L | MW-01S | 10/09/1995 | | 1.7000 |
| Ethylbenzene | ug/L | MW-01S | 01/30/1996 | | 1.7000 |
| Ethylbenzene | ug/L | MW-01S | 04/15/1996 | | 3.4000 |
| Ethylbenzene | ug/L | MW-01S | 07/15/1996 | | 2.2000 |
| Ethylbenzene | ug/L | MW-01S | 10/07/1996 | | 2.1000 |
| Ethylbenzene | ug/L | MW-01S | 01/13/1997 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01S | 04/15/1997 | | 1.4000 |
| Ethylbenzene | ug/L | MW-01S | 07/08/1997 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01S | 10/14/1997 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01S | 01/13/1998 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01S | 04/21/1998 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01S | 07/14/1998 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01S | 10/19/1998 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01S | 01/15/1999 | | 2.0000 |
| Ethylbenzene | ug/L | MW-01S | 04/15/1999 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01S | 07/15/1999 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01S | 10/15/1999 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01S | 01/25/2000 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01S | 04/15/2000 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01S | 10/15/2000 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01S | 04/15/2001 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01S | 07/17/2001 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01S | 10/16/2001 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01S | 01/15/2002 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01S | 04/16/2002 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01S | 07/24/2002 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01S | 10/22/2002 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01S | 01/08/2003 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01S | 04/23/2003 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01S | 07/29/2003 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01S | 10/21/2003 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01S | 01/21/2004 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01S | 04/20/2004 | ND | 1.0000 |

* - Outlier for that location and constituent.
ND = Not detected, result = detection limit.

# Table 1

## Background Data

| Constituent | Units | Location | Date | | Result |
|---|---|---|---|---|---|
| Ethylbenzene | ug/L | MW-01S | 07/20/2004 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01S | 01/26/2005 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01S | 04/26/2005 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01S | 07/26/2005 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01S | 10/18/2005 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01S | 01/25/2006 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01S | 04/25/2006 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01S | 07/26/2006 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01S | 10/24/2006 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01S | 01/17/2007 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01S | 04/17/2007 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01S | 07/24/2007 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01S | 10/23/2007 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01S | 01/29/2008 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01S | 04/22/2008 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01S | 07/30/2008 | ND | 1.0000 |
| M,p-xylene | ug/L | MW-01S | 01/15/1989 | ND | 0.1000 |
| M,p-xylene | ug/L | MW-01S | 04/15/1992 | ND | 0.5000 |
| M,p-xylene | ug/L | MW-01S | 04/15/1999 | ND | 1.0000 |
| M,p-xylene | ug/L | MW-01S | 07/15/1999 | ND | 1.0000 |
| M,p-xylene | ug/L | MW-01S | 10/15/1999 | ND | 1.0000 |
| M,p-xylene | ug/L | MW-01S | 01/25/2000 | ND | 1.0000 |
| M,p-xylene | ug/L | MW-01S | 04/15/2000 | ND | 1.0000 |
| M,p-xylene | ug/L | MW-01S | 10/15/2000 | ND | 1.0000 |
| M,p-xylene | ug/L | MW-01S | 04/15/2001 | ND | 1.0000 |
| M,p-xylene | ug/L | MW-01S | 07/17/2001 | ND | 1.0000 |
| M,p-xylene | ug/L | MW-01S | 10/16/2001 | ND | 1.0000 |
| M,p-xylene | ug/L | MW-01S | 01/15/2002 | ND | 1.0000 |
| M,p-xylene | ug/L | MW-01S | 04/16/2002 | ND | 1.0000 |
| M,p-xylene | ug/L | MW-01S | 07/24/2002 | ND | 1.0000 |
| M,p-xylene | ug/L | MW-01S | 10/22/2002 | ND | 1.0000 |
| M,p-xylene | ug/L | MW-01S | 01/08/2003 | ND | 1.0000 |
| M,p-xylene | ug/L | MW-01S | 04/23/2003 | ND | 1.0000 |
| M,p-xylene | ug/L | MW-01S | 07/29/2003 | ND | 1.0000 |
| M,p-xylene | ug/L | MW-01S | 10/21/2003 | ND | 1.0000 |
| M,p-xylene | ug/L | MW-01S | 01/21/2004 | ND | 1.0000 |
| M,p-xylene | ug/L | MW-01S | 04/20/2004 | ND | 1.0000 |
| M,p-xylene | ug/L | MW-01S | 07/20/2004 | ND | 1.0000 |
| M,p-xylene | ug/L | MW-01S | 01/26/2005 | ND | 1.0000 |
| M,p-xylene | ug/L | MW-01S | 04/26/2005 | ND | 1.0000 |
| M,p-xylene | ug/L | MW-01S | 07/26/2005 | ND | 1.0000 |
| M,p-xylene | ug/L | MW-01S | 10/18/2005 | ND | 1.0000 |
| M,p-xylene | ug/L | MW-01S | 01/25/2006 | ND | 1.0000 |
| M,p-xylene | ug/L | MW-01S | 04/25/2006 | ND | 1.0000 |

* - Outlier for that location and constituent.
ND = Not detected, result = detection limit.

# Table 1

## Background Data

| Constituent | Units | Location | Date | | Result |
|---|---|---|---|---|---|
| M,p-xylene | ug/L | MW-01S | 07/26/2006 | ND | 1.0000 |
| M,p-xylene | ug/L | MW-01S | 10/24/2006 | ND | 1.0000 |
| M,p-xylene | ug/L | MW-01S | 01/17/2007 | ND | 1.0000 |
| M,p-xylene | ug/L | MW-01S | 04/17/2007 | ND | 1.0000 |
| M,p-xylene | ug/L | MW-01S | 07/24/2007 | ND | 1.0000 |
| M,p-xylene | ug/L | MW-01S | 10/23/2007 | ND | 1.0000 |
| M,p-xylene | ug/L | MW-01S | 01/29/2008 | ND | 1.0000 |
| M,p-xylene | ug/L | MW-01S | 04/22/2008 | ND | 1.0000 |
| M,p-xylene | ug/L | MW-01S | 07/30/2008 | ND | 1.0000 |
| O-xylene | ug/L | MW-01S | 01/15/1989 | ND | 0.1000 |
| O-xylene | ug/L | MW-01S | 04/15/1992 | ND | 0.5000 |
| O-xylene | ug/L | MW-01S | 04/15/1999 | ND | 1.0000 |
| O-xylene | ug/L | MW-01S | 07/15/1999 | ND | 1.0000 |
| O-xylene | ug/L | MW-01S | 10/15/1999 | ND | 1.0000 |
| O-xylene | ug/L | MW-01S | 01/25/2000 | ND | 1.0000 |
| O-xylene | ug/L | MW-01S | 04/15/2000 | ND | 1.0000 |
| O-xylene | ug/L | MW-01S | 10/15/2000 | ND | 1.0000 |
| O-xylene | ug/L | MW-01S | 04/15/2001 | ND | 1.0000 |
| O-xylene | ug/L | MW-01S | 07/17/2001 | ND | 1.0000 |
| O-xylene | ug/L | MW-01S | 10/16/2001 | ND | 1.0000 |
| O-xylene | ug/L | MW-01S | 01/15/2002 | ND | 1.0000 |
| O-xylene | ug/L | MW-01S | 04/16/2002 | ND | 1.0000 |
| O-xylene | ug/L | MW-01S | 07/24/2002 | ND | 1.0000 |
| O-xylene | ug/L | MW-01S | 10/22/2002 | ND | 1.0000 |
| O-xylene | ug/L | MW-01S | 01/08/2003 | ND | 1.0000 |
| O-xylene | ug/L | MW-01S | 04/23/2003 | ND | 1.0000 |
| O-xylene | ug/L | MW-01S | 07/29/2003 | ND | 1.0000 |
| O-xylene | ug/L | MW-01S | 10/21/2003 | ND | 1.0000 |
| O-xylene | ug/L | MW-01S | 01/21/2004 | ND | 1.0000 |
| O-xylene | ug/L | MW-01S | 04/20/2004 | ND | 1.0000 |
| O-xylene | ug/L | MW-01S | 07/20/2004 | ND | 1.0000 |
| O-xylene | ug/L | MW-01S | 01/26/2005 | ND | 1.0000 |
| O-xylene | ug/L | MW-01S | 04/26/2005 | ND | 1.0000 |
| O-xylene | ug/L | MW-01S | 07/26/2005 | ND | 1.0000 |
| O-xylene | ug/L | MW-01S | 10/18/2005 | ND | 1.0000 |
| O-xylene | ug/L | MW-01S | 01/25/2006 | ND | 1.0000 |
| O-xylene | ug/L | MW-01S | 04/25/2006 | ND | 1.0000 |
| O-xylene | ug/L | MW-01S | 07/26/2006 | ND | 1.0000 |
| O-xylene | ug/L | MW-01S | 10/24/2006 | ND | 1.0000 |
| O-xylene | ug/L | MW-01S | 01/17/2007 | ND | 1.0000 |
| O-xylene | ug/L | MW-01S | 04/17/2007 | ND | 1.0000 |
| O-xylene | ug/L | MW-01S | 07/24/2007 | ND | 1.0000 |
| O-xylene | ug/L | MW-01S | 10/23/2007 | ND | 1.0000 |
| O-xylene | ug/L | MW-01S | 01/29/2008 | ND | 1.0000 |

* - Outlier for that location and constituent.
ND = Not detected, result = detection limit.

# Table 1

## Background Data

| Constituent | Units | Location | Date | | Result |
|---|---|---|---|---|---|
| O-xylene | ug/L | MW-01S | 04/22/2008 | ND | 1.0000 |
| O-xylene | ug/L | MW-01S | 07/30/2008 | ND | 1.0000 |
| Toluene | ug/L | MW-01S | 01/15/1989 | ND | 0.1000 |
| Toluene | ug/L | MW-01S | 04/15/1989 | ND | 1.0000 |
| Toluene | ug/L | MW-01S | 07/15/1989 | ND | 1.0000 |
| Toluene | ug/L | MW-01S | 10/15/1989 | ND | 1.0000 |
| Toluene | ug/L | MW-01S | 01/22/1990 | ND | 0.5000 |
| Toluene | ug/L | MW-01S | 04/10/1990 | ND | 2.5000 |
| Toluene | ug/L | MW-01S | 07/15/1990 | ND | 0.5000 |
| Toluene | ug/L | MW-01S | 10/15/1990 | ND | 1.0000 |
| Toluene | ug/L | MW-01S | 01/15/1991 | ND | 1.0000 |
| Toluene | ug/L | MW-01S | 04/15/1991 | ND | 1.0000 |
| Toluene | ug/L | MW-01S | 07/15/1991 | ND | 1.0000 |
| Toluene | ug/L | MW-01S | 10/21/1991 | ND | 1.0000 |
| Toluene | ug/L | MW-01S | 01/15/1992 | | 1.5000 |
| Toluene | ug/L | MW-01S | 04/15/1992 | ND | 0.5000 |
| Toluene | ug/L | MW-01S | 07/15/1992 | ND | 1.0000 |
| Toluene | ug/L | MW-01S | 10/15/1992 | ND | 1.0000 |
| Toluene | ug/L | MW-01S | 01/15/1993 | | 2.2000 |
| Toluene | ug/L | MW-01S | 04/19/1993 | ND | 1.0000 |
| Toluene | ug/L | MW-01S | 07/12/1993 | | 1.7000 |
| Toluene | ug/L | MW-01S | 10/12/1993 | ND | 1.0000 |
| Toluene | ug/L | MW-01S | 01/10/1994 | ND | 1.0000 |
| Toluene | ug/L | MW-01S | 04/11/1994 | ND | 1.0000 |
| Toluene | ug/L | MW-01S | 07/18/1994 | ND | 1.0000 |
| Toluene | ug/L | MW-01S | 10/10/1994 | ND | 1.0000 |
| Toluene | ug/L | MW-01S | 01/16/1995 | ND | 1.0000 |
| Toluene | ug/L | MW-01S | 04/17/1995 | ND | 1.0000 |
| Toluene | ug/L | MW-01S | 07/10/1995 | | 1.2000 |
| Toluene | ug/L | MW-01S | 10/09/1995 | ND | 1.0000 |
| Toluene | ug/L | MW-01S | 01/30/1996 | ND | 1.0000 |
| Toluene | ug/L | MW-01S | 04/15/1996 | ND | 1.0000 |
| Toluene | ug/L | MW-01S | 07/15/1996 | ND | 1.0000 |
| Toluene | ug/L | MW-01S | 10/07/1996 | ND | 1.0000 |
| Toluene | ug/L | MW-01S | 01/13/1997 | ND | 1.0000 |
| Toluene | ug/L | MW-01S | 04/15/1997 | ND | 1.0000 |
| Toluene | ug/L | MW-01S | 07/08/1997 | ND | 1.0000 |
| Toluene | ug/L | MW-01S | 10/14/1997 | ND | 1.0000 |
| Toluene | ug/L | MW-01S | 01/13/1998 | ND | 1.0000 |
| Toluene | ug/L | MW-01S | 04/21/1998 | ND | 1.0000 |
| Toluene | ug/L | MW-01S | 07/14/1998 | ND | 1.0000 |
| Toluene | ug/L | MW-01S | 10/19/1998 | ND | 1.0000 |
| Toluene | ug/L | MW-01S | 01/15/1999 | ND | 1.0000 |
| Toluene | ug/L | MW-01S | 04/15/1999 | ND | 1.0000 |

* - Outlier for that location and constituent.
ND = Not detected, result = detection limit.

# Table 1

## Background Data

| Constituent | Units | Location | Date | | Result |
|---|---|---|---|---|---|
| Toluene | ug/L | MW-01S | 07/15/1999 | ND | 1.0000 |
| Toluene | ug/L | MW-01S | 10/15/1999 | ND | 1.0000 |
| Toluene | ug/L | MW-01S | 01/25/2000 | ND | 1.0000 |
| Toluene | ug/L | MW-01S | 04/15/2000 | ND | 1.0000 |
| Toluene | ug/L | MW-01S | 10/15/2000 | ND | 1.0000 |
| Toluene | ug/L | MW-01S | 04/15/2001 | ND | 1.0000 |
| Toluene | ug/L | MW-01S | 07/17/2001 | ND | 1.0000 |
| Toluene | ug/L | MW-01S | 10/16/2001 | ND | 1.0000 |
| Toluene | ug/L | MW-01S | 01/15/2002 | ND | 1.0000 |
| Toluene | ug/L | MW-01S | 04/16/2002 | ND | 1.0000 |
| Toluene | ug/L | MW-01S | 07/24/2002 | ND | 1.0000 |
| Toluene | ug/L | MW-01S | 10/22/2002 | ND | 1.0000 |
| Toluene | ug/L | MW-01S | 01/08/2003 | ND | 1.0000 |
| Toluene | ug/L | MW-01S | 04/23/2003 | ND | 1.0000 |
| Toluene | ug/L | MW-01S | 07/29/2003 | ND | 1.0000 |
| Toluene | ug/L | MW-01S | 10/21/2003 | ND | 1.0000 |
| Toluene | ug/L | MW-01S | 01/21/2004 | ND | 1.0000 |
| Toluene | ug/L | MW-01S | 04/20/2004 | ND | 1.0000 |
| Toluene | ug/L | MW-01S | 07/20/2004 | ND | 1.0000 |
| Toluene | ug/L | MW-01S | 01/26/2005 | ND | 1.0000 |
| Toluene | ug/L | MW-01S | 04/26/2005 | ND | 1.0000 |
| Toluene | ug/L | MW-01S | 07/26/2005 | ND | 1.0000 |
| Toluene | ug/L | MW-01S | 10/18/2005 | ND | 1.0000 |
| Toluene | ug/L | MW-01S | 01/25/2006 | ND | 1.0000 |
| Toluene | ug/L | MW-01S | 04/25/2006 | ND | 1.0000 |
| Toluene | ug/L | MW-01S | 07/26/2006 | ND | 1.0000 |
| Toluene | ug/L | MW-01S | 10/24/2006 | ND | 1.0000 |
| Toluene | ug/L | MW-01S | 01/17/2007 | ND | 1.0000 |
| Toluene | ug/L | MW-01S | 04/17/2007 | ND | 1.0000 |
| Toluene | ug/L | MW-01S | 07/24/2007 | ND | 1.0000 |
| Toluene | ug/L | MW-01S | 10/23/2007 | ND | 1.0000 |
| Toluene | ug/L | MW-01S | 01/29/2008 | ND | 1.0000 |
| Toluene | ug/L | MW-01S | 04/22/2008 | ND | 1.0000 |
| Toluene | ug/L | MW-01S | 07/30/2008 | ND | 1.0000 |
| Total xylenes | ug/L | MW-01S | 01/15/1989 | ND | 0.2000 |
| Total xylenes | ug/L | MW-01S | 04/15/1989 | | 3.0000 |
| Total xylenes | ug/L | MW-01S | 07/15/1989 | ND | 1.0000 |
| Total xylenes | ug/L | MW-01S | 10/15/1989 | ND | 1.0000 |
| Total xylenes | ug/L | MW-01S | 01/22/1990 | ND | 1.0000 |
| Total xylenes | ug/L | MW-01S | 04/10/1990 | ND | 5.0000 |
| Total xylenes | ug/L | MW-01S | 07/15/1990 | ND | 1.0000 |
| Total xylenes | ug/L | MW-01S | 10/15/1990 | ND | 1.0000 |
| Total xylenes | ug/L | MW-01S | 01/15/1991 | ND | 1.0000 |
| Total xylenes | ug/L | MW-01S | 04/15/1991 | ND | 1.0000 |

* - Outlier for that location and constituent.
ND = Not detected, result = detection limit.

# Table 1

## Background Data

| Constituent | Units | Location | Date | | Result | |
|---|---|---|---|---|---|---|
| Total xylenes | ug/L | MW-01S | 07/15/1991 | ND | 1.0000 | |
| Total xylenes | ug/L | MW-01S | 10/21/1991 | ND | 2.0000 | |
| Total xylenes | ug/L | MW-01S | 01/15/1992 | | 4.3000 | |
| Total xylenes | ug/L | MW-01S | 04/15/1992 | ND | 0.5000 | |
| Total xylenes | ug/L | MW-01S | 07/15/1992 | ND | 1.0000 | |
| Total xylenes | ug/L | MW-01S | 10/15/1992 | ND | 1.0000 | |
| Total xylenes | ug/L | MW-01S | 01/15/1993 | | 5.6000 | |
| Total xylenes | ug/L | MW-01S | 04/19/1993 | ND | 1.0000 | |
| Total xylenes | ug/L | MW-01S | 07/12/1993 | | 4.0000 | |
| Total xylenes | ug/L | MW-01S | 10/12/1993 | | 4.3000 | |
| Total xylenes | ug/L | MW-01S | 01/10/1994 | ND | 1.0000 | |
| Total xylenes | ug/L | MW-01S | 04/11/1994 | ND | 1.0000 | |
| Total xylenes | ug/L | MW-01S | 07/18/1994 | ND | 1.0000 | |
| Total xylenes | ug/L | MW-01S | 10/10/1994 | | 5.8000 | |
| Total xylenes | ug/L | MW-01S | 01/16/1995 | ND | 1.0000 | |
| Total xylenes | ug/L | MW-01S | 04/17/1995 | ND | 1.0000 | |
| Total xylenes | ug/L | MW-01S | 07/10/1995 | | 6.1000 | |
| Total xylenes | ug/L | MW-01S | 10/09/1995 | | 3.9000 | |
| Total xylenes | ug/L | MW-01S | 01/30/1996 | | 5.1000 | |
| Total xylenes | ug/L | MW-01S | 04/15/1996 | | 4.9000 | |
| Total xylenes | ug/L | MW-01S | 07/15/1996 | | 3.7000 | |
| Total xylenes | ug/L | MW-01S | 10/07/1996 | | 2.8000 | |
| Total xylenes | ug/L | MW-01S | 01/13/1997 | | 2.0000 | |
| Total xylenes | ug/L | MW-01S | 04/15/1997 | | 1.2000 | |
| Total xylenes | ug/L | MW-01S | 07/08/1997 | ND | 1.0000 | |
| Total xylenes | ug/L | MW-01S | 10/14/1997 | ND | 1.0000 | |
| Total xylenes | ug/L | MW-01S | 01/13/1998 | ND | 1.0000 | |
| Total xylenes | ug/L | MW-01S | 04/21/1998 | ND | 1.0000 | |
| Total xylenes | ug/L | MW-01S | 07/14/1998 | ND | 1.0000 | |
| Total xylenes | ug/L | MW-01S | 10/19/1998 | ND | 1.0000 | |
| Total xylenes | ug/L | MW-01S | 01/15/1999 | ND | 1.0000 | |
| Total xylenes | ug/L | MW-01S | 04/15/1999 | ND | 2.0000 | |
| Total xylenes | ug/L | MW-01S | 07/15/1999 | ND | 1.0000 | |
| Total xylenes | ug/L | MW-01S | 10/15/1999 | ND | 2.0000 | |
| Total xylenes | ug/L | MW-01S | 01/25/2000 | ND | 2.0000 | |
| Total xylenes | ug/L | MW-01S | 04/15/2000 | ND | 1.0000 | |
| Total xylenes | ug/L | MW-01S | 10/15/2000 | ND | 1.0000 | |
| Total xylenes | ug/L | MW-01S | 04/15/2001 | ND | 1.0000 | |
| Total xylenes | ug/L | MW-01S | 07/17/2001 | ND | 1.0000 | |
| Total xylenes | ug/L | MW-01S | 10/16/2001 | ND | 1.0000 | |
| Total xylenes | ug/L | MW-01S | 01/15/2002 | ND | 1.0000 | |
| Total xylenes | ug/L | MW-01S | 04/16/2002 | ND | 2.0000 | |
| Total xylenes | ug/L | MW-01S | 07/24/2002 | ND | 2.0000 | |
| Total xylenes | ug/L | MW-01S | 10/22/2002 | ND | 2.0000 | |

* - Outlier for that location and constituent.
ND = Not detected, result = detection limit.

# Table 1

## Background Data

| Constituent | Units | Location | Date | | Result |
|---|---|---|---|---|---|
| Total xylenes | ug/L | MW-01S | 01/08/2003 | ND | 2.0000 |
| Total xylenes | ug/L | MW-01S | 04/23/2003 | ND | 2.0000 |
| Total xylenes | ug/L | MW-01S | 07/29/2003 | ND | 2.0000 |
| Total xylenes | ug/L | MW-01S | 10/21/2003 | ND | 2.0000 |
| Total xylenes | ug/L | MW-01S | 01/21/2004 | ND | 2.0000 |
| Total xylenes | ug/L | MW-01S | 04/20/2004 | ND | 2.0000 |
| Total xylenes | ug/L | MW-01S | 07/20/2004 | ND | 2.0000 |
| Total xylenes | ug/L | MW-01S | 01/26/2005 | ND | 2.0000 |
| Total xylenes | ug/L | MW-01S | 04/26/2005 | ND | 2.0000 |
| Total xylenes | ug/L | MW-01S | 07/26/2005 | ND | 2.0000 |
| Total xylenes | ug/L | MW-01S | 10/18/2005 | ND | 2.0000 |
| Total xylenes | ug/L | MW-01S | 01/25/2006 | ND | 2.0000 |
| Total xylenes | ug/L | MW-01S | 04/25/2006 | ND | 2.0000 |
| Total xylenes | ug/L | MW-01S | 07/26/2006 | ND | 1.0000 |
| Total xylenes | ug/L | MW-01S | 10/24/2006 | ND | 1.0000 |
| Total xylenes | ug/L | MW-01S | 01/17/2007 | ND | 1.0000 |
| Total xylenes | ug/L | MW-01S | 04/17/2007 | ND | 1.0000 |
| Total xylenes | ug/L | MW-01S | 07/24/2007 | ND | 1.0000 |
| Total xylenes | ug/L | MW-01S | 10/23/2007 | ND | 1.0000 |
| Total xylenes | ug/L | MW-01S | 01/29/2008 | ND | 1.0000 |
| Total xylenes | ug/L | MW-01S | 04/22/2008 | ND | 1.0000 |
| Total xylenes | ug/L | MW-01S | 07/30/2008 | ND | 1.0000 |
| Trichloroethene | ug/L | MW-01S | 01/15/1989 | | 19.0000 |
| Trichloroethene | ug/L | MW-01S | 04/15/1989 | | 23.0000 |
| Trichloroethene | ug/L | MW-01S | 07/15/1989 | | 13.0000 |
| Trichloroethene | ug/L | MW-01S | 10/15/1989 | | 12.0000 |
| Trichloroethene | ug/L | MW-01S | 01/22/1990 | | 16.0000 |
| Trichloroethene | ug/L | MW-01S | 04/10/1990 | | 20.0000 |
| Trichloroethene | ug/L | MW-01S | 07/15/1990 | | 18.0000 |
| Trichloroethene | ug/L | MW-01S | 10/15/1990 | | 18.0000 |
| Trichloroethene | ug/L | MW-01S | 01/15/1991 | | 26.0000 |
| Trichloroethene | ug/L | MW-01S | 04/15/1991 | | 22.0000 |
| Trichloroethene | ug/L | MW-01S | 07/15/1991 | | 17.0000 |
| Trichloroethene | ug/L | MW-01S | 10/21/1991 | | 14.0000 |
| Trichloroethene | ug/L | MW-01S | 01/15/1992 | | 13.0000 |
| Trichloroethene | ug/L | MW-01S | 04/15/1992 | | 9.9000 |
| Trichloroethene | ug/L | MW-01S | 07/15/1992 | | 10.0000 |
| Trichloroethene | ug/L | MW-01S | 10/15/1992 | | 11.0000 |
| Trichloroethene | ug/L | MW-01S | 01/15/1993 | | 9.2000 |
| Trichloroethene | ug/L | MW-01S | 04/19/1993 | | 5.7000 |
| Trichloroethene | ug/L | MW-01S | 07/12/1993 | | 11.0000 |
| Trichloroethene | ug/L | MW-01S | 10/12/1993 | | 14.0000 |
| Trichloroethene | ug/L | MW-01S | 01/10/1994 | | 9.3000 |
| Trichloroethene | ug/L | MW-01S | 04/11/1994 | | 14.0000 |

* - Outlier for that location and constituent.
ND = Not detected, result = detection limit.

# Table 1

## Background Data

| Constituent | Units | Location | Date | | Result | |
|---|---|---|---|---|---|---|
| Trichloroethene | ug/L | MW-01S | 07/18/1994 | | 7.9000 | |
| Trichloroethene | ug/L | MW-01S | 10/10/1994 | | 13.0000 | |
| Trichloroethene | ug/L | MW-01S | 01/16/1995 | | 5.2000 | |
| Trichloroethene | ug/L | MW-01S | 04/17/1995 | | 4.4000 | |
| Trichloroethene | ug/L | MW-01S | 07/10/1995 | | 6.2000 | |
| Trichloroethene | ug/L | MW-01S | 10/09/1995 | | 15.0000 | |
| Trichloroethene | ug/L | MW-01S | 01/30/1996 | | 8.4000 | |
| Trichloroethene | ug/L | MW-01S | 04/15/1996 | | 2.9000 | |
| Trichloroethene | ug/L | MW-01S | 07/15/1996 | | 9.7000 | |
| Trichloroethene | ug/L | MW-01S | 10/07/1996 | | 16.0000 | |
| Trichloroethene | ug/L | MW-01S | 01/13/1997 | | 6.0000 | |
| Trichloroethene | ug/L | MW-01S | 04/15/1997 | | 15.0000 | |
| Trichloroethene | ug/L | MW-01S | 07/08/1997 | | 14.0000 | |
| Trichloroethene | ug/L | MW-01S | 10/14/1997 | | 12.0000 | |
| Trichloroethene | ug/L | MW-01S | 01/13/1998 | | 12.0000 | |
| Trichloroethene | ug/L | MW-01S | 04/21/1998 | | 14.0000 | |
| Trichloroethene | ug/L | MW-01S | 07/14/1998 | | 14.0000 | |
| Trichloroethene | ug/L | MW-01S | 10/19/1998 | | 7.8000 | |
| Trichloroethene | ug/L | MW-01S | 01/15/1999 | | 10.0000 | |
| Trichloroethene | ug/L | MW-01S | 04/15/1999 | | 7.2000 | |
| Trichloroethene | ug/L | MW-01S | 07/15/1999 | | 9.1000 | |
| Trichloroethene | ug/L | MW-01S | 10/15/1999 | | 9.1000 | |
| Trichloroethene | ug/L | MW-01S | 01/25/2000 | | 9.9000 | |
| Trichloroethene | ug/L | MW-01S | 04/15/2000 | | 16.0000 | |
| Trichloroethene | ug/L | MW-01S | 10/15/2000 | | 8.9000 | |
| Trichloroethene | ug/L | MW-01S | 04/15/2001 | | 13.0000 | |
| Trichloroethene | ug/L | MW-01S | 07/17/2001 | | 10.0000 | |
| Trichloroethene | ug/L | MW-01S | 10/16/2001 | | 13.0000 | |
| Trichloroethene | ug/L | MW-01S | 01/15/2002 | | 7.0000 | |
| Trichloroethene | ug/L | MW-01S | 04/16/2002 | | 5.3000 | |
| Trichloroethene | ug/L | MW-01S | 07/24/2002 | | 6.2000 | |
| Trichloroethene | ug/L | MW-01S | 10/22/2002 | | 8.3000 | |
| Trichloroethene | ug/L | MW-01S | 01/08/2003 | | 11.0000 | |
| Trichloroethene | ug/L | MW-01S | 04/23/2003 | | 11.0000 | |
| Trichloroethene | ug/L | MW-01S | 07/29/2003 | | 13.0000 | |
| Trichloroethene | ug/L | MW-01S | 10/21/2003 | | 12.0000 | |
| Trichloroethene | ug/L | MW-01S | 01/21/2004 | | 18.0000 | |
| Trichloroethene | ug/L | MW-01S | 04/20/2004 | | 13.0000 | |
| Trichloroethene | ug/L | MW-01S | 07/20/2004 | | 14.0000 | |
| Trichloroethene | ug/L | MW-01S | 01/26/2005 | | 10.0000 | |
| Trichloroethene | ug/L | MW-01S | 04/26/2005 | | 9.6000 | |
| Trichloroethene | ug/L | MW-01S | 07/26/2005 | | 12.0000 | |
| Trichloroethene | ug/L | MW-01S | 10/18/2005 | | 8.2000 | |
| Trichloroethene | ug/L | MW-01S | 01/25/2006 | | 7.8000 | |

* - Outlier for that location and constituent.
ND = Not detected, result = detection limit.

# Table 1

## Background Data

| Constituent | Units | Location | Date | | Result | |
|---|---|---|---|---|---|---|
| Trichloroethene | ug/L | MW-01S | 04/25/2006 | | 7.1000 | |
| Trichloroethene | ug/L | MW-01S | 07/26/2006 | | 7.4000 | |
| Trichloroethene | ug/L | MW-01S | 10/24/2006 | | 6.2000 | |
| Trichloroethene | ug/L | MW-01S | 01/17/2007 | | 6.5000 | |
| Trichloroethene | ug/L | MW-01S | 04/17/2007 | | 6.2000 | |
| Trichloroethene | ug/L | MW-01S | 07/24/2007 | | 6.0000 | |
| Trichloroethene | ug/L | MW-01S | 10/23/2007 | | 5.7000 | |
| Trichloroethene | ug/L | MW-01S | 01/29/2008 | | 5.9000 | |
| Trichloroethene | ug/L | MW-01S | 04/22/2008 | | 5.9000 | |
| Trichloroethene | ug/L | MW-01S | 07/30/2008 | | 6.7000 | |

* - Outlier for that location and constituent.
ND = Not detected, result = detection limit.

# Table 2

## Most Current Onsite/Downgradient Monitoring Data

| Constituent | Units | Location | Date | | Result | | Pred. Limit |
|---|---|---|---|---|---|---|---|
| Benzene | ug/L | MW-03 | 07/30/2008 | ND | 5.0000 | | 0.9500 |
| Benzene | ug/L | MW-04 | 07/31/2008 | ND | 2.0000 | | 0.9500 |
| Benzene | ug/L | MW-06B | 07/31/2008 | ND | 0.5000 | | 0.9500 |
| Benzene | ug/L | MW-07 | 07/31/2008 | ND | 0.5000 | | 0.9500 |
| Benzene | ug/L | MW-09 | 07/29/2008 | ND | 0.5000 | | 0.9500 |
| Benzene | ug/L | MW-11 | 07/30/2008 | ND | 2.5000 | | 0.9500 |
| Benzene | ug/L | MW-14S | 07/30/2008 | ND | 2.5000 | | 0.9500 |
| Benzene | ug/L | MW-15S | 07/30/2008 | | 0.5100 | | 0.9500 |
| Benzene | ug/L | MW-16 | 07/30/2008 | ND | 0.5000 | | 0.9500 |
| Cadmium | mg/L | MW-03 | 07/30/2008 | ND | 0.0050 | | 0.0050 |
| Cadmium | mg/L | MW-04 | 07/31/2008 | | 0.4400 | * | 0.0050 |
| Cadmium | mg/L | MW-06B | 07/31/2008 | ND | 0.0050 | | 0.0050 |
| Cadmium | mg/L | MW-07 | 07/31/2008 | ND | 0.0050 | | 0.0050 |
| Cadmium | mg/L | MW-09 | 07/29/2008 | ND | 0.0050 | | 0.0050 |
| Cadmium | mg/L | MW-11 | 07/30/2008 | ND | 0.0050 | | 0.0050 |
| Cadmium | mg/L | MW-14S | 07/30/2008 | ND | 0.0100 | | 0.0050 |
| Cadmium | mg/L | MW-15S | 07/30/2008 | ND | 0.0050 | | 0.0050 |
| Cadmium | mg/L | MW-16 | 07/30/2008 | ND | 0.0050 | | 0.0050 |
| Chromium | mg/L | MW-03 | 07/30/2008 | ND | 0.0050 | | 0.1000 |
| Chromium | mg/L | MW-04 | 07/31/2008 | | 11.0000 | * | 0.1000 |
| Chromium | mg/L | MW-06B | 07/31/2008 | ND | 0.0050 | | 0.1000 |
| Chromium | mg/L | MW-07 | 07/31/2008 | | 0.0051 | | 0.1000 |
| Chromium | mg/L | MW-09 | 07/29/2008 | | 8.2000 | * | 0.1000 |
| Chromium | mg/L | MW-11 | 07/30/2008 | ND | 0.0050 | | 0.1000 |
| Chromium | mg/L | MW-14S | 07/30/2008 | | 0.7200 | * | 0.1000 |
| Chromium | mg/L | MW-15S | 07/30/2008 | ND | 0.0050 | | 0.1000 |
| Chromium | mg/L | MW-16 | 07/30/2008 | ND | 0.0050 | | 0.1000 |
| Chromium (vi) | mg/L | MW-03 | 07/30/2008 | ND | 0.0010 | | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 07/31/2008 | | 11.0000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-06B | 07/31/2008 | | 0.0012 | | 0.1000 |
| Chromium (vi) | mg/L | MW-07 | 07/31/2008 | ND | 0.0010 | | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 07/29/2008 | | 8.3000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-11 | 07/30/2008 | ND | 0.0010 | | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 07/30/2008 | | 0.6700 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-15S | 07/30/2008 | ND | 0.0010 | | 0.1000 |
| Chromium (vi) | mg/L | MW-16 | 07/30/2008 | | 0.0061 | | 0.1000 |
| Copper | mg/L | MW-03 | 07/30/2008 | ND | 0.0100 | | 0.0520 |
| Copper | mg/L | MW-04 | 07/31/2008 | ND | 0.0200 | | 0.0520 |
| Copper | mg/L | MW-06B | 07/31/2008 | ND | 0.0100 | | 0.0520 |
| Copper | mg/L | MW-07 | 07/31/2008 | | 0.0140 | | 0.0520 |
| Copper | mg/L | MW-09 | 07/29/2008 | ND | 0.0100 | | 0.0520 |
| Copper | mg/L | MW-11 | 07/30/2008 | ND | 0.0100 | | 0.0520 |
| Copper | mg/L | MW-14S | 07/30/2008 | | 0.0290 | | 0.0520 |

* - Current value failed.
***** - Insufficient background data to compute prediction limit.
ND = Not Detected, result = detection limit.

# Table 2

## Most Current Onsite/Downgradient Monitoring Data

| Constituent | Units | Location | Date | | Result | | Pred. Limit |
|---|---|---|---|---|---|---|---|
| Copper | mg/L | MW-15S | 07/30/2008 | ND | 0.0100 | | 0.0520 |
| Copper | mg/L | MW-16 | 07/30/2008 | ND | 0.0100 | | 0.0520 |
| Ethylbenzene | ug/L | MW-03 | 07/30/2008 | | 730.0000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-04 | 07/31/2008 | ND | 4.0000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-06B | 07/31/2008 | ND | 1.0000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-07 | 07/31/2008 | ND | 1.0000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-09 | 07/29/2008 | ND | 1.0000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 07/30/2008 | | 500.0000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-14S | 07/30/2008 | ND | 5.0000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-15S | 07/30/2008 | ND | 1.0000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-16 | 07/30/2008 | ND | 1.0000 | | 3.5000 |
| M,p-xylene | ug/L | MW-03 | 07/30/2008 | | 88.0000 | * | 1.0000 |
| M,p-xylene | ug/L | MW-04 | 07/31/2008 | ND | 4.0000 | | 1.0000 |
| M,p-xylene | ug/L | MW-06B | 07/31/2008 | ND | 1.0000 | | 1.0000 |
| M,p-xylene | ug/L | MW-07 | 07/31/2008 | ND | 1.0000 | | 1.0000 |
| M,p-xylene | ug/L | MW-09 | 07/29/2008 | ND | 1.0000 | | 1.0000 |
| M,p-xylene | ug/L | MW-11 | 07/30/2008 | ND | 5.0000 | | 1.0000 |
| M,p-xylene | ug/L | MW-14S | 07/30/2008 | ND | 5.0000 | | 1.0000 |
| M,p-xylene | ug/L | MW-15S | 07/30/2008 | ND | 1.0000 | | 1.0000 |
| M,p-xylene | ug/L | MW-16 | 07/30/2008 | ND | 1.0000 | | 1.0000 |
| O-xylene | ug/L | MW-03 | 07/30/2008 | ND | 10.0000 | | 1.0000 |
| O-xylene | ug/L | MW-04 | 07/31/2008 | ND | 4.0000 | | 1.0000 |
| O-xylene | ug/L | MW-06B | 07/31/2008 | ND | 1.0000 | | 1.0000 |
| O-xylene | ug/L | MW-07 | 07/31/2008 | ND | 1.0000 | | 1.0000 |
| O-xylene | ug/L | MW-09 | 07/29/2008 | ND | 1.0000 | | 1.0000 |
| O-xylene | ug/L | MW-11 | 07/30/2008 | ND | 5.0000 | | 1.0000 |
| O-xylene | ug/L | MW-14S | 07/30/2008 | ND | 5.0000 | | 1.0000 |
| O-xylene | ug/L | MW-15S | 07/30/2008 | ND | 1.0000 | | 1.0000 |
| O-xylene | ug/L | MW-16 | 07/30/2008 | ND | 1.0000 | | 1.0000 |
| Toluene | ug/L | MW-03 | 07/30/2008 | ND | 10.0000 | | 2.2000 |
| Toluene | ug/L | MW-04 | 07/31/2008 | ND | 4.0000 | | 2.2000 |
| Toluene | ug/L | MW-06B | 07/31/2008 | ND | 1.0000 | | 2.2000 |
| Toluene | ug/L | MW-07 | 07/31/2008 | ND | 1.0000 | | 2.2000 |
| Toluene | ug/L | MW-09 | 07/29/2008 | ND | 1.0000 | | 2.2000 |
| Toluene | ug/L | MW-11 | 07/30/2008 | ND | 5.0000 | | 2.2000 |
| Toluene | ug/L | MW-14S | 07/30/2008 | ND | 5.0000 | | 2.2000 |
| Toluene | ug/L | MW-15S | 07/30/2008 | ND | 1.0000 | | 2.2000 |
| Toluene | ug/L | MW-16 | 07/30/2008 | ND | 1.0000 | | 2.2000 |
| Total xylenes | ug/L | MW-03 | 07/30/2008 | | 88.0000 | * | 6.1000 |
| Total xylenes | ug/L | MW-04 | 07/31/2008 | ND | 4.0000 | | 6.1000 |
| Total xylenes | ug/L | MW-06B | 07/31/2008 | ND | 1.0000 | | 6.1000 |
| Total xylenes | ug/L | MW-07 | 07/31/2008 | ND | 1.0000 | | 6.1000 |
| Total xylenes | ug/L | MW-09 | 07/29/2008 | ND | 1.0000 | | 6.1000 |

* - Current value failed.
***** - Insufficient background data to compute prediction limit.
ND = Not Detected, result = detection limit.

# Table 2

## Most Current Onsite/Downgradient Monitoring Data

| Constituent | Units | Location | Date | | Result | | Pred. Limit |
|---|---|---|---|---|---|---|---|
| Total xylenes | ug/L | MW-11 | 07/30/2008 | ND | 5.0000 | | 6.1000 |
| Total xylenes | ug/L | MW-14S | 07/30/2008 | ND | 5.0000 | | 6.1000 |
| Total xylenes | ug/L | MW-15S | 07/30/2008 | ND | 1.0000 | | 6.1000 |
| Total xylenes | ug/L | MW-16 | 07/30/2008 | ND | 1.0000 | | 6.1000 |
| Trichloroethene | ug/L | MW-03 | 07/30/2008 | | 180.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 07/31/2008 | | 310.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-06B | 07/31/2008 | | 11.0000 | | 27.1367 |
| Trichloroethene | ug/L | MW-07 | 07/31/2008 | | 10.0000 | | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 07/29/2008 | | 110.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 07/30/2008 | | 220.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 07/30/2008 | | 640.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 07/30/2008 | | 73.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-16 | 07/30/2008 | | 26.0000 | | 27.1367 |

* - Current value failed.
***** - Insufficient background data to compute prediction limit.
ND = Not Detected, result = detection limit.

# Table 3

## Detection Frequencies in Background and Onsite/Downgradient Locations

| Constituent | Detect | Backgrd N | Proportion | Detect | Onsite N | Proportion |
|---|---|---|---|---|---|---|
| Benzene | 1 | 76 | 0.013 | 113 | 661 | 0.171 |
| Cadmium | 0 | 76 | 0.000 | 104 | 662 | 0.157 |
| Chromium | 5 | 76 | 0.066 | 260 | 662 | 0.393 |
| Chromium (vi) | 6 | 76 | 0.079 | 236 | 662 | 0.356 |
| Copper | 12 | 76 | 0.158 | 135 | 662 | 0.204 |
| Ethylbenzene | 13 | 76 | 0.171 | 346 | 661 | 0.523 |
| M,p-xylene | 0 | 37 | 0.000 | 63 | 333 | 0.189 |
| O-xylene | 0 | 37 | 0.000 | 35 | 333 | 0.105 |
| Toluene | 4 | 76 | 0.053 | 115 | 661 | 0.174 |
| Total xylenes | 14 | 76 | 0.184 | 249 | 659 | 0.378 |
| Trichloroethene | 76 | 76 | 1.000 | 653 | 662 | 0.986 |

N = Total number of measurements in all locations.
Detect = Total number of detections in all locations.
Proportion = Detect/N.

# Table 4

## Shapiro Wilk Test of Normality for Multiple Groups

| Constituent | N (Detects) | Detect Freq | G raw | G log | Critical Value | Limit Type |
|---|---|---|---|---|---|---|
| Benzene | 1 | 0.013 | | | | nonpar |
| Cadmium | 0 | 0.000 | | | | nonpar |
| Chromium | 5 | 0.066 | 0.857 | 0.824 | 2.326 | nonpar |
| Chromium (vi) | 6 | 0.079 | 3.720 | 3.720 | 2.326 | nonpar |
| Copper | 12 | 0.158 | 0.260 | 0.198 | 2.326 | nonpar |
| Ethylbenzene | 13 | 0.171 | 2.006 | 1.174 | 2.326 | nonpar |
| M,p-xylene | 0 | 0.000 | | | | nonpar |
| O-xylene | 0 | 0.000 | | | | nonpar |
| Toluene | 4 | 0.053 | 1.155 | 1.753 | 2.326 | nonpar |
| Total xylenes | 14 | 0.184 | 0.821 | 1.010 | 2.326 | nonpar |
| Trichloroethene | 76 | 1.000 | 0.184 | 0.052 | 2.326 | normal |

Fit to distribution is confirmed if G < critical value.
If detection frequency is < 50% nonparametric or Poisson limit is used

# Table 5

## Summary Statistics and 95% Confidence Prediction Limits

| Constituent | Units | Model Type | N | Detect | Mean | SD | Pred Limit | Conf* |
|---|---|---|---|---|---|---|---|---|
| Benzene | ug/L | nonpar | 76 | 1 | | | 0.9500 | 0.89 |
| Cadmium | mg/L | nonpar | 76 | 0 | | | 0.0050 | 0.89 |
| Chromium | mg/L | nonpar | 76 | 5 | | | 0.1000 | 0.89 |
| Chromium (vi) | mg/L | nonpar | 76 | 6 | | | 0.1000 | 0.89 |
| Copper | mg/L | nonpar | 76 | 12 | | | 0.0520 | 0.89 |
| Ethylbenzene | ug/L | nonpar | 76 | 13 | | | 3.5000 | 0.89 |
| M,p-xylene | ug/L | nonpar | 37 | 0 | | | 1.0000 | 0.79 |
| O-xylene | ug/L | nonpar | 37 | 0 | | | 1.0000 | 0.79 |
| Toluene | ug/L | nonpar | 76 | 4 | | | 2.2000 | 0.89 |
| Total xylenes | ug/L | nonpar | 76 | 14 | | | 6.1000 | 0.89 |
| Trichloroethene | ug/L | normal | 76 | 76 | 11.1158 | 4.6516 | 27.1367 | |

* - Confidence level for passing a single test at all onsite/downgradient locations for a single constituent (nonparametric test only).
Model Type refers to type of prediction limit.
For lognormal limit, mean and sd in natural log units and prediction limit in original units.
All sample sizes and statistics are based on outlier free data.
For nonparametric limits, median reporting limits are substituted for extreme reporting limit values.

# Table 6

## Historical Onsite/Downgradient Data for Constituent-Location Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

| Constituent | Units | Location | Date | | Result | | Pred. Limit |
|---|---|---|---|---|---|---|---|
| Cadmium | mg/L | MW-04 | 01/15/1989 | | 0.0280 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 04/15/1989 | | 0.0800 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 07/15/1989 | | 0.1200 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 10/15/1989 | | 0.0700 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 01/24/1990 | | 0.1200 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 04/11/1990 | | 0.1300 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 07/15/1990 | | 0.3700 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 10/15/1990 | | 0.2400 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 01/15/1991 | | 0.2600 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 04/15/1991 | | 0.0760 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 07/15/1991 | | 0.6100 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 10/21/1991 | | 0.2100 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 01/15/1992 | | 0.4700 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 04/15/1992 | | 0.8400 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 07/15/1992 | | 0.8600 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 10/15/1992 | | 0.3200 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 01/15/1993 | | 0.2800 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 04/20/1993 | ND | 0.0050 | | 0.0050 |
| Cadmium | mg/L | MW-04 | 07/13/1993 | | 0.2000 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 10/13/1993 | | 0.7100 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 10/14/1993 | ND | 0.0050 | | 0.0050 |
| Cadmium | mg/L | MW-04 | 01/11/1994 | | 0.2600 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 04/13/1994 | | 0.3300 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 07/19/1994 | | 0.2000 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 10/11/1994 | | 0.4500 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 01/18/1995 | | 0.1300 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 04/18/1995 | | 0.2200 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 07/12/1995 | | 0.2700 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 10/10/1995 | | 0.3800 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 01/31/1996 | | 0.1900 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 04/16/1996 | | 0.6300 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 07/16/1996 | | 0.2800 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 10/09/1996 | | 0.4600 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 01/14/1997 | | 0.5400 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 04/16/1997 | | 0.5400 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 07/09/1997 | | 0.6300 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 10/16/1997 | | 0.6400 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 01/14/1998 | | 0.5300 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 04/22/1998 | | 0.4300 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 07/15/1998 | | 0.3200 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 10/21/1998 | | 0.4500 | * | 0.0050 |

* - Significantly increased over background.
ND = Not Detected, result = detection limit.

# Table 6

## Historical Onsite/Downgradient Data for Constituent-Location Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

| Constituent | Units | Location | Date | | Result | | Pred. Limit |
|---|---|---|---|---|---|---|---|
| Cadmium | mg/L | MW-04 | 01/15/1999 | | 0.6100 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 04/15/1999 | | 0.4200 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 07/15/1999 | | 0.4200 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 10/15/1999 | | 0.5900 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 01/27/2000 | | 0.3200 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 04/15/2000 | | 0.5500 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 10/15/2000 | | 0.5200 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 04/15/2001 | | 0.4000 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 07/18/2001 | | 0.3200 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 10/18/2001 | | 0.4400 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 01/17/2002 | | 0.4100 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 04/18/2002 | | 0.4400 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 07/25/2002 | | 0.5000 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 10/23/2002 | | 0.6300 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 12/30/2002 | | 0.2600 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 04/25/2003 | | 0.2900 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 07/30/2003 | | 0.4700 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 10/23/2003 | | 0.2400 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 01/23/2004 | | 0.3200 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 04/21/2004 | | 0.3400 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 07/21/2004 | | 0.3200 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 10/12/2004 | | 0.1400 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 01/27/2005 | | 0.0200 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 04/27/2005 | | 0.4200 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 07/27/2005 | | 0.4600 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 10/20/2005 | | 0.4100 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 01/26/2006 | | 0.6100 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 04/26/2006 | | 0.5700 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 07/27/2006 | | 0.6200 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 10/26/2006 | | 0.5600 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 01/18/2007 | | 0.6300 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 04/18/2007 | | 0.7300 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 07/27/2007 | | 0.4200 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 10/25/2007 | | 0.4100 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 01/31/2008 | | 0.6200 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 04/24/2008 | | 0.4500 | * | 0.0050 |
| Cadmium | mg/L | MW-04 | 07/31/2008 | | 0.4400 | * | 0.0050 |
| Chromium | mg/L | MW-04 | 01/15/1989 | | 400.0000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 04/15/1989 | | 932.0000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 07/15/1989 | | 98.0000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 10/15/1989 | | 120.0000 | * | 0.1000 |

* - Significantly increased over background.
ND = Not Detected, result = detection limit.

# Table 6

## Historical Onsite/Downgradient Data for Constituent-Location Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

| Constituent | Units | Location | Date | | Result | | Pred. Limit |
|---|---|---|---|---|---|---|---|
| Chromium | mg/L | MW-04 | 01/24/1990 | | 97.1000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 04/11/1990 | | 80.7000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 07/15/1990 | | 106.0000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 10/15/1990 | | 50.7000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 01/15/1991 | | 65.3000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 04/15/1991 | | 18.4000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 07/15/1991 | | 78.5000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 10/21/1991 | | 40.8000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 01/15/1992 | | 35.0000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 04/15/1992 | | 40.3000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 07/15/1992 | | 59.7000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 10/15/1992 | | 27.1000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 01/15/1993 | | 27.6000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 04/20/1993 | | 2.4000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 07/13/1993 | | 23.3000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 10/13/1993 | | 80.3000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 10/14/1993 | ND | 0.0100 | | 0.1000 |
| Chromium | mg/L | MW-04 | 01/11/1994 | | 36.0000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 04/13/1994 | | 26.4000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 07/19/1994 | | 41.4000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 10/11/1994 | | 52.8000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 01/18/1995 | | 34.3000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 04/18/1995 | | 9.1000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 07/12/1995 | | 29.6000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 10/10/1995 | | 28.9000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 01/31/1996 | | 32.4000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 04/16/1996 | | 39.6000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 07/16/1996 | | 58.9000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 10/09/1996 | | 75.7000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 01/14/1997 | | 34.5000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 04/16/1997 | | 18.8000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 07/09/1997 | | 35.4000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 10/16/1997 | | 85.3000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 01/14/1998 | | 44.0000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 04/22/1998 | | 14.1000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 07/15/1998 | | 19.0000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 10/21/1998 | | 36.2000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 01/15/1999 | | 87.3000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 04/15/1999 | | 43.4000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 07/15/1999 | | 50.6000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 10/15/1999 | | 105.0000 | * | 0.1000 |

* - Significantly increased over background.
ND = Not Detected, result = detection limit.

# Table 6

## Historical Onsite/Downgradient Data for Constituent-Location Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

| Constituent | Units | Location | Date | | Result | | Pred. Limit |
|---|---|---|---|---|---|---|---|
| Chromium | mg/L | MW-04 | 01/27/2000 | | 60.0000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 04/15/2000 | | 39.3000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 10/15/2000 | | 42.1000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 04/15/2001 | | 17.3000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 07/18/2001 | | 12.6000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 10/18/2001 | | 39.8000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 01/17/2002 | | 24.4000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 04/18/2002 | | 27.4000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 07/25/2002 | | 32.7000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 10/23/2002 | | 30.6000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 12/30/2002 | | 9.4000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 04/25/2003 | | 16.0000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 07/30/2003 | | 37.0000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 10/23/2003 | | 21.0000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 01/23/2004 | | 22.0000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 04/21/2004 | | 23.0000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 07/21/2004 | | 26.0000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 10/12/2004 | | 2.5000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 01/27/2005 | | 0.0520 | | 0.1000 |
| Chromium | mg/L | MW-04 | 04/27/2005 | | 23.0000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 07/27/2005 | | 18.0000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 10/20/2005 | | 13.0000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 01/26/2006 | | 25.0000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 04/26/2006 | | 15.0000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 07/27/2006 | | 27.0000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 10/26/2006 | | 16.0000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 01/18/2007 | | 5.8000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 04/18/2007 | | 4.8000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 07/27/2007 | | 10.0000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 10/25/2007 | | 4.7000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 01/31/2008 | | 17.0000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 04/24/2008 | | 6.7000 | * | 0.1000 |
| Chromium | mg/L | MW-04 | 07/31/2008 | | 11.0000 | * | 0.1000 |
| Chromium | mg/L | MW-09 | 01/15/1989 | | 0.3300 | * | 0.1000 |
| Chromium | mg/L | MW-09 | 04/15/1989 | | 0.0600 | | 0.1000 |
| Chromium | mg/L | MW-09 | 07/15/1989 | | 0.1700 | * | 0.1000 |
| Chromium | mg/L | MW-09 | 10/15/1989 | | 1.8000 | * | 0.1000 |
| Chromium | mg/L | MW-09 | 01/23/1990 | | 2.2000 | * | 0.1000 |
| Chromium | mg/L | MW-09 | 04/13/1990 | | 0.8100 | * | 0.1000 |
| Chromium | mg/L | MW-09 | 07/15/1990 | | 0.0400 | | 0.1000 |
| Chromium | mg/L | MW-09 | 10/15/1990 | | 0.1900 | * | 0.1000 |

* - Significantly increased over background.
ND = Not Detected, result = detection limit.

# Table 6

## Historical Onsite/Downgradient Data for Constituent-Location Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

| Constituent | Units | Location | Date | | Result | | Pred. Limit |
|---|---|---|---|---|---|---|---|
| Chromium | mg/L | MW-09 | 01/15/1991 | | 0.0850 | | 0.1000 |
| Chromium | mg/L | MW-09 | 04/15/1991 | ND | 0.0100 | | 0.1000 |
| Chromium | mg/L | MW-09 | 07/15/1991 | | 0.0270 | | 0.1000 |
| Chromium | mg/L | MW-09 | 10/22/1991 | | 0.0700 | | 0.1000 |
| Chromium | mg/L | MW-09 | 01/15/1992 | ND | 0.0081 | | 0.1000 |
| Chromium | mg/L | MW-09 | 04/15/1992 | ND | 0.0100 | | 0.1000 |
| Chromium | mg/L | MW-09 | 07/15/1992 | ND | 0.0100 | | 0.1000 |
| Chromium | mg/L | MW-09 | 10/15/1992 | ND | 0.0100 | | 0.1000 |
| Chromium | mg/L | MW-09 | 01/15/1993 | | 0.0670 | | 0.1000 |
| Chromium | mg/L | MW-09 | 04/20/1993 | ND | 0.0100 | | 0.1000 |
| Chromium | mg/L | MW-09 | 07/14/1993 | ND | 0.0100 | | 0.1000 |
| Chromium | mg/L | MW-09 | 10/14/1993 | ND | 0.0100 | | 0.1000 |
| Chromium | mg/L | MW-09 | 01/12/1994 | ND | 0.0100 | | 0.1000 |
| Chromium | mg/L | MW-09 | 04/13/1994 | ND | 0.0100 | | 0.1000 |
| Chromium | mg/L | MW-09 | 07/20/1994 | ND | 0.0100 | | 0.1000 |
| Chromium | mg/L | MW-09 | 10/13/1994 | ND | 0.0100 | | 0.1000 |
| Chromium | mg/L | MW-09 | 01/18/1995 | ND | 0.0100 | | 0.1000 |
| Chromium | mg/L | MW-09 | 04/19/1995 | ND | 0.0100 | | 0.1000 |
| Chromium | mg/L | MW-09 | 07/13/1995 | ND | 0.0100 | | 0.1000 |
| Chromium | mg/L | MW-09 | 10/11/1995 | ND | 0.0100 | | 0.1000 |
| Chromium | mg/L | MW-09 | 02/01/1996 | ND | 0.0100 | | 0.1000 |
| Chromium | mg/L | MW-09 | 04/17/1996 | ND | 0.0100 | | 0.1000 |
| Chromium | mg/L | MW-09 | 07/17/1996 | ND | 0.0100 | | 0.1000 |
| Chromium | mg/L | MW-09 | 10/09/1996 | ND | 0.0100 | | 0.1000 |
| Chromium | mg/L | MW-09 | 01/15/1997 | ND | 0.0100 | | 0.1000 |
| Chromium | mg/L | MW-09 | 04/17/1997 | ND | 0.0100 | | 0.1000 |
| Chromium | mg/L | MW-09 | 07/10/1997 | ND | 0.0100 | | 0.1000 |
| Chromium | mg/L | MW-09 | 10/16/1997 | | 0.0490 | | 0.1000 |
| Chromium | mg/L | MW-09 | 01/15/1998 | ND | 0.0100 | | 0.1000 |
| Chromium | mg/L | MW-09 | 04/23/1998 | ND | 0.0100 | | 0.1000 |
| Chromium | mg/L | MW-09 | 07/15/1998 | ND | 0.0100 | | 0.1000 |
| Chromium | mg/L | MW-09 | 10/21/1998 | | 1.3000 | * | 0.1000 |
| Chromium | mg/L | MW-09 | 01/15/1999 | ND | 0.0100 | | 0.1000 |
| Chromium | mg/L | MW-09 | 04/15/1999 | | 0.6400 | * | 0.1000 |
| Chromium | mg/L | MW-09 | 07/15/1999 | | 5.6000 | * | 0.1000 |
| Chromium | mg/L | MW-09 | 10/15/1999 | | 4.2000 | * | 0.1000 |
| Chromium | mg/L | MW-09 | 01/28/2000 | | 13.9000 | * | 0.1000 |
| Chromium | mg/L | MW-09 | 04/15/2000 | ND | 0.0100 | | 0.1000 |
| Chromium | mg/L | MW-09 | 10/15/2000 | | 0.0200 | | 0.1000 |
| Chromium | mg/L | MW-09 | 04/15/2001 | | 0.0120 | | 0.1000 |
| Chromium | mg/L | MW-09 | 07/19/2001 | | 0.0850 | | 0.1000 |

* - Significantly increased over background.
ND = Not Detected, result = detection limit.

# Table 6

## Historical Onsite/Downgradient Data for Constituent-Location Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

| Constituent | Units | Location | Date | | Result | | Pred. Limit |
|---|---|---|---|---|---|---|---|
| Chromium | mg/L | MW-09 | 10/18/2001 | | 1.4000 | * | 0.1000 |
| Chromium | mg/L | MW-09 | 01/17/2002 | | 0.1600 | * | 0.1000 |
| Chromium | mg/L | MW-09 | 04/18/2002 | | 0.1600 | * | 0.1000 |
| Chromium | mg/L | MW-09 | 07/26/2002 | | 9.3000 | * | 0.1000 |
| Chromium | mg/L | MW-09 | 10/24/2002 | | 4.8000 | * | 0.1000 |
| Chromium | mg/L | MW-09 | 01/09/2003 | | 9.7000 | * | 0.1000 |
| Chromium | mg/L | MW-09 | 04/25/2003 | | 0.2800 | * | 0.1000 |
| Chromium | mg/L | MW-09 | 07/31/2003 | | 2.2000 | * | 0.1000 |
| Chromium | mg/L | MW-09 | 10/22/2003 | | 13.0000 | * | 0.1000 |
| Chromium | mg/L | MW-09 | 01/23/2004 | | 2.4000 | * | 0.1000 |
| Chromium | mg/L | MW-09 | 04/21/2004 | | 4.4000 | * | 0.1000 |
| Chromium | mg/L | MW-09 | 07/21/2004 | | 4.8000 | * | 0.1000 |
| Chromium | mg/L | MW-09 | 10/12/2004 | | 0.0460 | | 0.1000 |
| Chromium | mg/L | MW-09 | 01/27/2005 | | 0.0820 | | 0.1000 |
| Chromium | mg/L | MW-09 | 04/27/2005 | | 0.0430 | | 0.1000 |
| Chromium | mg/L | MW-09 | 07/27/2005 | | 0.3000 | * | 0.1000 |
| Chromium | mg/L | MW-09 | 10/20/2005 | | 1.3000 | * | 0.1000 |
| Chromium | mg/L | MW-09 | 01/27/2006 | | 10.0000 | * | 0.1000 |
| Chromium | mg/L | MW-09 | 04/26/2006 | | 3.9000 | * | 0.1000 |
| Chromium | mg/L | MW-09 | 07/27/2006 | | 1.7000 | * | 0.1000 |
| Chromium | mg/L | MW-09 | 10/26/2006 | | 7.5000 | * | 0.1000 |
| Chromium | mg/L | MW-09 | 01/18/2007 | | 6.7000 | * | 0.1000 |
| Chromium | mg/L | MW-09 | 04/18/2007 | | 1.7000 | * | 0.1000 |
| Chromium | mg/L | MW-09 | 07/27/2007 | | 1.7000 | * | 0.1000 |
| Chromium | mg/L | MW-09 | 10/25/2007 | | 21.0000 | * | 0.1000 |
| Chromium | mg/L | MW-09 | 01/31/2008 | | 5.3000 | * | 0.1000 |
| Chromium | mg/L | MW-09 | 04/24/2008 | | 7.8000 | * | 0.1000 |
| Chromium | mg/L | MW-09 | 07/29/2008 | | 8.2000 | * | 0.1000 |
| Chromium | mg/L | MW-14S | 10/15/1990 | | 2.2000 | * | 0.1000 |
| Chromium | mg/L | MW-14S | 01/15/1991 | | 0.9400 | * | 0.1000 |
| Chromium | mg/L | MW-14S | 04/15/1991 | | 0.4100 | * | 0.1000 |
| Chromium | mg/L | MW-14S | 07/15/1991 | | 0.3100 | * | 0.1000 |
| Chromium | mg/L | MW-14S | 10/23/1991 | | 0.2300 | * | 0.1000 |
| Chromium | mg/L | MW-14S | 01/15/1992 | | 0.1500 | * | 0.1000 |
| Chromium | mg/L | MW-14S | 04/15/1992 | | 0.1600 | * | 0.1000 |
| Chromium | mg/L | MW-14S | 07/15/1992 | | 0.3300 | * | 0.1000 |
| Chromium | mg/L | MW-14S | 10/15/1992 | | 0.5400 | * | 0.1000 |
| Chromium | mg/L | MW-14S | 01/15/1993 | | 0.2400 | * | 0.1000 |
| Chromium | mg/L | MW-14S | 04/22/1993 | | 0.0180 | | 0.1000 |
| Chromium | mg/L | MW-14S | 07/13/1993 | | 0.0200 | | 0.1000 |
| Chromium | mg/L | MW-14S | 10/14/1993 | ND | 0.0100 | | 0.1000 |

* - Significantly increased over background.
ND = Not Detected, result = detection limit.

# Table 6

## Historical Onsite/Downgradient Data for Constituent-Location Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

| Constituent | Units | Location | Date | | Result | | Pred. Limit |
|---|---|---|---|---|---|---|---|
| Chromium | mg/L | MW-14S | 01/12/1994 | | 0.0150 | | 0.1000 |
| Chromium | mg/L | MW-14S | 04/13/1994 | | 0.0220 | | 0.1000 |
| Chromium | mg/L | MW-14S | 07/20/1994 | | 0.0160 | | 0.1000 |
| Chromium | mg/L | MW-14S | 10/11/1994 | | 0.0640 | | 0.1000 |
| Chromium | mg/L | MW-14S | 02/08/1995 | | 0.0160 | | 0.1000 |
| Chromium | mg/L | MW-14S | 04/18/1995 | ND | 0.0100 | | 0.1000 |
| Chromium | mg/L | MW-14S | 07/12/1995 | ND | 0.0100 | | 0.1000 |
| Chromium | mg/L | MW-14S | 10/11/1995 | | 0.0460 | | 0.1000 |
| Chromium | mg/L | MW-14S | 02/01/1996 | | 0.0340 | | 0.1000 |
| Chromium | mg/L | MW-14S | 04/17/1996 | | 0.0280 | | 0.1000 |
| Chromium | mg/L | MW-14S | 07/17/1996 | | 0.0690 | | 0.1000 |
| Chromium | mg/L | MW-14S | 10/08/1996 | | 0.0820 | | 0.1000 |
| Chromium | mg/L | MW-14S | 01/15/1997 | | 0.0310 | | 0.1000 |
| Chromium | mg/L | MW-14S | 04/16/1997 | | 0.0320 | | 0.1000 |
| Chromium | mg/L | MW-14S | 07/10/1997 | | 0.0160 | | 0.1000 |
| Chromium | mg/L | MW-14S | 10/16/1997 | | 0.1300 | * | 0.1000 |
| Chromium | mg/L | MW-14S | 01/15/1998 | | 0.0180 | | 0.1000 |
| Chromium | mg/L | MW-14S | 04/23/1998 | | 0.0180 | | 0.1000 |
| Chromium | mg/L | MW-14S | 07/15/1998 | ND | 0.0100 | | 0.1000 |
| Chromium | mg/L | MW-14S | 10/21/1998 | | 0.0440 | | 0.1000 |
| Chromium | mg/L | MW-14S | 01/15/1999 | | 0.0320 | | 0.1000 |
| Chromium | mg/L | MW-14S | 04/15/1999 | ND | 0.0100 | | 0.1000 |
| Chromium | mg/L | MW-14S | 07/15/1999 | | 0.0380 | | 0.1000 |
| Chromium | mg/L | MW-14S | 10/15/1999 | | 0.1500 | * | 0.1000 |
| Chromium | mg/L | MW-14S | 01/27/2000 | | 0.2600 | * | 0.1000 |
| Chromium | mg/L | MW-14S | 04/15/2000 | ND | 0.0100 | | 0.1000 |
| Chromium | mg/L | MW-14S | 10/15/2000 | | 0.0900 | | 0.1000 |
| Chromium | mg/L | MW-14S | 04/15/2001 | | 0.0430 | | 0.1000 |
| Chromium | mg/L | MW-14S | 07/19/2001 | | 0.0250 | | 0.1000 |
| Chromium | mg/L | MW-14S | 10/17/2001 | | 0.1400 | * | 0.1000 |
| Chromium | mg/L | MW-14S | 01/16/2002 | ND | 0.0100 | | 0.1000 |
| Chromium | mg/L | MW-14S | 04/17/2002 | | 0.0430 | | 0.1000 |
| Chromium | mg/L | MW-14S | 07/25/2002 | | 0.0650 | | 0.1000 |
| Chromium | mg/L | MW-14S | 10/23/2002 | | 0.4200 | * | 0.1000 |
| Chromium | mg/L | MW-14S | 12/30/2002 | | 0.0140 | | 0.1000 |
| Chromium | mg/L | MW-14S | 04/24/2003 | | 0.0200 | | 0.1000 |
| Chromium | mg/L | MW-14S | 07/30/2003 | | 0.1500 | * | 0.1000 |
| Chromium | mg/L | MW-14S | 10/23/2003 | | 0.3300 | * | 0.1000 |
| Chromium | mg/L | MW-14S | 01/22/2004 | | 0.9500 | * | 0.1000 |
| Chromium | mg/L | MW-14S | 04/21/2004 | | 0.3100 | * | 0.1000 |
| Chromium | mg/L | MW-14S | 07/21/2004 | | 2.5000 | * | 0.1000 |

* - Significantly increased over background.
ND = Not Detected, result = detection limit.

# Table 6

## Historical Onsite/Downgradient Data for Constituent-Location Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

| Constituent | Units | Location | Date | | Result | | Pred. Limit |
|---|---|---|---|---|---|---|---|
| Chromium | mg/L | MW-14S | 10/12/2004 | | 1.2000 | * | 0.1000 |
| Chromium | mg/L | MW-14S | 01/27/2005 | | 0.5300 | * | 0.1000 |
| Chromium | mg/L | MW-14S | 04/27/2005 | | 0.0830 | | 0.1000 |
| Chromium | mg/L | MW-14S | 07/26/2005 | | 0.1900 | * | 0.1000 |
| Chromium | mg/L | MW-14S | 10/20/2005 | | 0.1800 | * | 0.1000 |
| Chromium | mg/L | MW-14S | 01/26/2006 | | 0.4400 | * | 0.1000 |
| Chromium | mg/L | MW-14S | 04/25/2006 | | 0.2500 | * | 0.1000 |
| Chromium | mg/L | MW-14S | 07/26/2006 | | 0.2700 | * | 0.1000 |
| Chromium | mg/L | MW-14S | 10/25/2006 | | 0.3200 | * | 0.1000 |
| Chromium | mg/L | MW-14S | 01/17/2007 | | 0.2000 | * | 0.1000 |
| Chromium | mg/L | MW-14S | 04/18/2007 | | 0.1100 | * | 0.1000 |
| Chromium | mg/L | MW-14S | 07/25/2007 | | 0.2000 | * | 0.1000 |
| Chromium | mg/L | MW-14S | 10/23/2007 | | 0.7200 | * | 0.1000 |
| Chromium | mg/L | MW-14S | 01/30/2008 | | 0.7600 | * | 0.1000 |
| Chromium | mg/L | MW-14S | 04/22/2008 | | 0.5100 | * | 0.1000 |
| Chromium | mg/L | MW-14S | 07/30/2008 | | 0.7200 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 01/15/1989 | | 33.0000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 04/15/1989 | | 90.0000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 07/15/1989 | | 120.0000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 10/15/1989 | | 110.0000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 01/24/1990 | | 109.0000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 04/11/1990 | | 82.3000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 07/15/1990 | | 110.0000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 10/15/1990 | | 63.0000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 01/15/1991 | | 49.4000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 04/15/1991 | | 23.8000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 07/15/1991 | | 39.1000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 10/21/1991 | | 42.0000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 01/15/1992 | | 42.0000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 04/15/1992 | | 36.1000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 07/15/1992 | | 79.9000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 10/15/1992 | | 21.6000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 01/15/1993 | | 16.4000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 04/20/1993 | | 2.1000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 07/13/1993 | | 21.0000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 10/13/1993 | | 35.5000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 10/14/1993 | ND | 0.0400 | | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 01/11/1994 | | 0.3600 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 04/13/1994 | | 26.9000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 07/19/1994 | | 63.8000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 10/11/1994 | | 60.7000 | * | 0.1000 |

* - Significantly increased over background.
ND = Not Detected, result = detection limit.

# Table 6

## Historical Onsite/Downgradient Data for Constituent-Location Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

| Constituent | Units | Location | Date | | Result | | Pred. Limit |
|---|---|---|---|---|---|---|---|
| Chromium (vi) | mg/L | MW-04 | 01/18/1995 | | 29.0000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 04/18/1995 | | 9.6000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 07/12/1995 | | 28.1000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 10/10/1995 | ND | 0.0200 | | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 01/31/1996 | | 27.2000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 04/16/1996 | | 32.2000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 07/16/1996 | | 59.0000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 10/09/1996 | | 63.8000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 01/14/1997 | | 45.9000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 04/16/1997 | | 27.3000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 07/09/1997 | | 36.0000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 10/16/1997 | | 73.8000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 01/14/1998 | | 43.6000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 04/22/1998 | | 7.8000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 07/15/1998 | | 16.3000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 10/21/1998 | | 34.7000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 01/15/1999 | | 124.0000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 04/15/1999 | | 4.6000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 07/15/1999 | | 48.5000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 10/15/1999 | | 60.5000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 01/27/2000 | | 76.3000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 04/15/2000 | | 33.9000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 10/15/2000 | | 45.6000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 04/15/2001 | | 12.0000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 07/18/2001 | | 15.0000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 10/18/2001 | | 33.0000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 01/17/2002 | | 18.0000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 04/18/2002 | | 31.0000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 07/25/2002 | | 30.5000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 10/23/2002 | | 32.6000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 12/30/2002 | | 11.0000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 04/25/2003 | | 20.0000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 07/30/2003 | | 33.0000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 10/23/2003 | | 21.0000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 01/23/2004 | | 29.0000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 04/21/2004 | | 28.0000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 07/21/2004 | | 32.0000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 10/12/2004 | | 3.7000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 01/27/2005 | ND | 0.0010 | | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 04/27/2005 | | 24.0000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 07/27/2005 | | 20.0000 | * | 0.1000 |

* - Significantly increased over background.
ND = Not Detected, result = detection limit.

# Table 6

## Historical Onsite/Downgradient Data for Constituent-Location Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

| Constituent | Units | Location | Date | | Result | | Pred. Limit |
|---|---|---|---|---|---|---|---|
| Chromium (vi) | mg/L | MW-04 | 10/20/2005 | | 15.0000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 01/26/2006 | | 28.0000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 04/26/2006 | | 16.0000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 07/27/2006 | | 29.0000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 10/26/2006 | | 19.0000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 01/18/2007 | | 6.9000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 04/18/2007 | | 5.0000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 07/27/2007 | | 7.7000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 10/25/2007 | | 4.5000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 01/31/2008 | | 17.0000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 04/24/2008 | | 5.2000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-04 | 07/31/2008 | | 11.0000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 01/15/1989 | | 0.4500 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 04/15/1989 | ND | 0.0500 | | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 07/15/1989 | | 0.2000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 10/15/1989 | | 2.5000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 01/23/1990 | | 2.2800 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 04/13/1990 | | 0.8000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 07/15/1990 | | 0.0300 | | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 10/15/1990 | | 0.2500 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 01/15/1991 | | 0.1240 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 04/15/1991 | ND | 0.0200 | | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 07/15/1991 | ND | 0.0200 | | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 10/22/1991 | | 0.0500 | | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 01/15/1992 | ND | 0.0500 | | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 04/15/1992 | ND | 0.0200 | | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 07/15/1992 | ND | 0.0200 | | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 10/15/1992 | ND | 0.0200 | | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 01/15/1993 | ND | 0.0200 | | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 04/20/1993 | ND | 0.0200 | | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 07/14/1993 | ND | 0.0200 | | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 10/14/1993 | ND | 0.0200 | | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 01/12/1994 | ND | 0.0200 | | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 04/13/1994 | ND | 0.0200 | | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 07/20/1994 | ND | 0.0200 | | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 10/13/1994 | ND | 0.0200 | | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 01/18/1995 | ND | 0.0200 | | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 04/19/1995 | ND | 0.0200 | | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 07/13/1995 | ND | 0.0200 | | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 10/11/1995 | ND | 0.0200 | | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 02/01/1996 | ND | 0.0200 | | 0.1000 |

* - Significantly increased over background.
ND = Not Detected, result = detection limit.

# Table 6

## Historical Onsite/Downgradient Data for Constituent-Location Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

| Constituent | Units | Location | Date | | Result | | Pred. Limit |
|---|---|---|---|---|---|---|---|
| Chromium (vi) | mg/L | MW-09 | 04/17/1996 | ND | 0.0200 | | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 07/17/1996 | ND | 0.0100 | | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 10/09/1996 | ND | 0.0200 | | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 01/15/1997 | ND | 0.0200 | | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 04/17/1997 | ND | 0.0200 | | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 07/10/1997 | ND | 0.0200 | | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 10/16/1997 | ND | 0.0200 | | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 01/15/1998 | ND | 0.0200 | | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 04/23/1998 | ND | 0.0200 | | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 07/15/1998 | ND | 0.0200 | | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 10/21/1998 | | 3.3000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 01/15/1999 | | 3.3000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 04/15/1999 | ND | 0.0100 | | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 07/15/1999 | | 6.0000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 10/15/1999 | | 4.0000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 01/28/2000 | | 14.1000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 04/15/2000 | ND | 0.0100 | | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 10/15/2000 | ND | 0.0200 | | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 04/15/2001 | | 0.0046 | | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 07/19/2001 | | 0.0850 | | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 10/18/2001 | | 1.1000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 01/17/2002 | | 0.2800 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 04/18/2002 | | 0.1400 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 07/26/2002 | | 10.2000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 10/24/2002 | | 4.4000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 01/09/2003 | | 9.5000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 04/25/2003 | | 0.2600 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 07/31/2003 | | 2.2000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 10/22/2003 | | 13.0000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 01/23/2004 | | 2.8000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 04/21/2004 | | 4.1000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 07/21/2004 | | 4.9000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 10/12/2004 | | 0.0530 | | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 01/27/2005 | | 0.0640 | | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 04/27/2005 | | 0.0390 | | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 07/27/2005 | | 0.2800 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 10/20/2005 | | 1.3000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 01/27/2006 | | 10.0000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 04/26/2006 | | 4.1000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 07/27/2006 | | 1.6000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 10/26/2006 | | 7.8000 | * | 0.1000 |

* - Significantly increased over background.
ND = Not Detected, result = detection limit.

# Table 6

## Historical Onsite/Downgradient Data for Constituent-Location Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

| Constituent | Units | Location | Date | | Result | | Pred. Limit |
|---|---|---|---|---|---|---|---|
| Chromium (vi) | mg/L | MW-09 | 01/18/2007 | | 7.1000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 04/18/2007 | | 2.0000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 07/27/2007 | | 2.0000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 10/25/2007 | | 25.0000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 01/31/2008 | | 7.0000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 04/24/2008 | | 6.5000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-09 | 07/29/2008 | | 8.3000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 10/15/1990 | | 3.2000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 01/15/1991 | | 0.4000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 04/15/1991 | | 0.3900 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 07/15/1991 | ND | 0.0200 | | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 10/23/1991 | | 0.1400 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 01/15/1992 | | 0.2700 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 04/15/1992 | | 0.1300 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 07/15/1992 | | 0.0990 | | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 10/15/1992 | | 0.1600 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 01/15/1993 | | 0.0560 | | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 04/22/1993 | ND | 0.0200 | | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 07/13/1993 | ND | 0.0200 | | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 10/14/1993 | ND | 0.0200 | | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 01/12/1994 | ND | 0.0200 | | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 04/13/1994 | ND | 0.0200 | | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 07/20/1994 | ND | 0.0200 | | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 10/11/1994 | | 0.0350 | | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 02/08/1995 | ND | 0.0200 | | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 04/18/1995 | ND | 0.0200 | | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 07/12/1995 | ND | 0.0200 | | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 10/11/1995 | | 0.0220 | | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 02/01/1996 | ND | 0.0200 | | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 04/17/1996 | | 0.0210 | | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 07/17/1996 | ND | 0.0100 | | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 10/08/1996 | | 0.0520 | | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 01/15/1997 | | 0.0240 | | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 04/16/1997 | ND | 0.0200 | | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 07/10/1997 | ND | 0.0200 | | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 10/16/1997 | | 0.1000 | | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 01/15/1998 | ND | 0.0200 | | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 04/23/1998 | ND | 0.0200 | | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 07/15/1998 | ND | 0.0200 | | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 10/21/1998 | | 0.0320 | | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 01/15/1999 | | 0.0580 | | 0.1000 |

* - Significantly increased over background.
ND = Not Detected, result = detection limit.

# Table 6

## Historical Onsite/Downgradient Data for Constituent-Location Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

| Constituent | Units | Location | Date | | Result | | Pred. Limit |
|---|---|---|---|---|---|---|---|
| Chromium (vi) | mg/L | MW-14S | 04/15/1999 | ND | 0.0100 | | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 07/15/1999 | ND | 0.0200 | | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 10/15/1999 | | 0.0350 | | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 01/27/2000 | | 0.1100 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 04/15/2000 | ND | 0.0100 | | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 10/15/2000 | | 0.0390 | | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 04/15/2001 | | 0.0570 | | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 07/19/2001 | | 0.0046 | | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 10/17/2001 | ND | 0.0020 | | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 01/16/2002 | ND | 0.0020 | | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 04/17/2002 | | 0.0350 | | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 07/25/2002 | | 0.0170 | | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 10/23/2002 | | 0.4200 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 12/30/2002 | | 0.0042 | | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 04/24/2003 | ND | 0.0010 | | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 07/30/2003 | | 0.1200 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 10/23/2003 | | 0.9900 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 01/22/2004 | | 0.4400 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 04/21/2004 | | 0.3300 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 07/21/2004 | | 3.1000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 10/12/2004 | | 2.6000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 01/27/2005 | | 0.0800 | | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 04/27/2005 | | 0.0660 | | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 07/26/2005 | | 0.3100 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 10/20/2005 | | 0.2100 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 01/26/2006 | | 0.4600 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 04/25/2006 | | 0.1800 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 07/26/2006 | | 0.1900 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 10/25/2006 | | 0.4400 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 01/17/2007 | | 0.1700 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 04/18/2007 | | 0.0570 | | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 07/25/2007 | | 0.1800 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 10/23/2007 | | 2.0000 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 01/30/2008 | | 0.6100 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 04/22/2008 | | 0.5400 | * | 0.1000 |
| Chromium (vi) | mg/L | MW-14S | 07/30/2008 | | 0.6700 | * | 0.1000 |
| Ethylbenzene | ug/L | MW-03 | 01/15/1989 | | 4900.0000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 04/15/1989 | | 1200.0000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 07/15/1989 | ND | 10.0000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 10/15/1989 | | 1700.0000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 01/22/1990 | | 140.0000 | * | 3.5000 |

* - Significantly increased over background.
ND = Not Detected, result = detection limit.

# Table 6

## Historical Onsite/Downgradient Data for Constituent-Location Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

| Constituent | Units | Location | Date | | Result | | Pred. Limit |
|---|---|---|---|---|---|---|---|
| Ethylbenzene | ug/L | MW-03 | 04/11/1990 | | 2100.0000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 07/15/1990 | ND | 5.0000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 10/15/1990 | ND | 1.0000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 01/15/1991 | ND | 1.0000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 04/15/1991 | ND | 1.0000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 07/15/1991 | ND | 1.0000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 10/23/1991 | ND | 5.0000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 01/15/1992 | ND | 1.0000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 04/15/1992 | | 1.6000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 07/15/1992 | ND | 1.0000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 10/15/1992 | ND | 1.0000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 01/15/1993 | ND | 5.0000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 04/20/1993 | ND | 1.0000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 07/12/1993 | | 2.6000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 10/12/1993 | | 2.6000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 01/11/1994 | ND | 1.0000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 04/12/1994 | ND | 1.0000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 07/18/1994 | ND | 1.0000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 10/11/1994 | | 1.5000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 01/17/1995 | ND | 1.0000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 04/17/1995 | | 1.3000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 07/11/1995 | | 5.2000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 10/10/1995 | | 1.7000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 01/30/1996 | | 1.8000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 04/15/1996 | | 2.6000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 07/16/1996 | | 9.0000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 10/08/1996 | | 5.4000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 01/14/1997 | | 1.1000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 04/15/1997 | | 2.1000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 07/09/1997 | | 2.5000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 10/15/1997 | | 1.7000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 01/13/1998 | | 1.3000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 04/22/1998 | ND | 1.0000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 07/15/1998 | ND | 1.0000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 10/20/1998 | ND | 1.0000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 01/15/1999 | | 2.3000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 04/15/1999 | | 1.1000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 07/15/1999 | | 1.3000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 10/15/1999 | | 200.0000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 01/25/2000 | | 54.0000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 04/15/2000 | | 65.0000 | * | 3.5000 |

* - Significantly increased over background.
ND = Not Detected, result = detection limit.

# Table 6

## Historical Onsite/Downgradient Data for Constituent-Location Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

| Constituent | Units | Location | Date | | Result | | Pred. Limit |
|---|---|---|---|---|---|---|---|
| Ethylbenzene | ug/L | MW-03 | 10/15/2000 | | 2.0000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 04/15/2001 | | 12.0000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 07/17/2001 | ND | 1.0000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 10/17/2001 | ND | 5.0000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 01/16/2002 | ND | 2.5000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 04/16/2002 | ND | 5.0000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 07/24/2002 | ND | 5.0000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 10/22/2002 | | 63.0000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 01/08/2003 | ND | 2.0000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 04/23/2003 | ND | 2.0000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 07/29/2003 | ND | 5.0000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 10/21/2003 | | 1600.0000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 01/21/2004 | | 60.0000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 04/20/2004 | ND | 1.0000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 07/20/2004 | ND | 1.0000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 10/12/2004 | ND | 1.0000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 01/26/2005 | ND | 1.0000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 04/26/2005 | ND | 1.0000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 07/26/2005 | ND | 1.0000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 10/18/2005 | ND | 1.0000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 01/25/2006 | ND | 4.0000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 04/25/2006 | ND | 1.0000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 07/25/2006 | ND | 1.0000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 10/24/2006 | ND | 1.0000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 01/17/2007 | ND | 1.0000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 04/17/2007 | ND | 1.0000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 07/25/2007 | ND | 1.0000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 10/23/2007 | | 40.0000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 01/29/2008 | | 160.0000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 04/24/2008 | | 42.0000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-03 | 07/30/2008 | | 730.0000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 01/15/1989 | | 43.0000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 04/15/1989 | | 2600.0000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 07/15/1989 | ND | 10.0000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 10/15/1989 | | 200.0000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 01/23/1990 | | 83.0000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 04/10/1990 | | 370.0000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 07/15/1990 | | 1000.0000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 10/15/1990 | | 3000.0000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 01/15/1991 | | 4.0000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 04/15/1991 | | 3300.0000 | * | 3.5000 |

* - Significantly increased over background.
ND = Not Detected, result = detection limit.

# Table 6

## Historical Onsite/Downgradient Data for Constituent-Location Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

| Constituent | Units | Location | Date | | Result | | Pred. Limit |
|---|---|---|---|---|---|---|---|
| Ethylbenzene | ug/L | MW-11 | 07/15/1991 | | 520.0000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 10/22/1991 | | 2000.0000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 01/15/1992 | | 230.0000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 04/15/1992 | | 130.0000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 07/15/1992 | | 17.0000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 10/15/1992 | | 11.0000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 01/15/1993 | | 110.0000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 04/19/1993 | | 2.0000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 07/12/1993 | | 2.5000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 10/13/1993 | | 2.1000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 01/10/1994 | | 2.5000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 04/12/1994 | ND | 1.0000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 07/18/1994 | ND | 1.0000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 10/11/1994 | | 4.5000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 01/17/1995 | | 850.0000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 04/17/1995 | | 1900.0000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 07/11/1995 | | 160.0000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 10/09/1995 | | 5.8000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 01/30/1996 | | 460.0000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 04/16/1996 | | 1100.0000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 07/15/1996 | | 460.0000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 10/08/1996 | | 20.0000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 01/14/1997 | | 84.0000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 04/16/1997 | | 120.0000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 07/09/1997 | | 8.3000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 10/15/1997 | ND | 5.0000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 01/14/1998 | | 1800.0000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 04/22/1998 | | 150.0000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 07/15/1998 | | 41.0000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 10/20/1998 | ND | 10.0000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 01/15/1999 | | 750.0000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 04/15/1999 | | 1600.0000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 07/15/1999 | | 85.0000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 10/15/1999 | | 480.0000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 01/25/2000 | ND | 12.0000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 04/15/2000 | | 55.0000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 10/15/2000 | ND | 50.0000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 04/15/2001 | | 48.0000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 07/17/2001 | ND | 5.0000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 10/18/2001 | | 90.0000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 01/17/2002 | | 1900.0000 | * | 3.5000 |

* - Significantly increased over background.
ND = Not Detected, result = detection limit.

# Table 6

## Historical Onsite/Downgradient Data for Constituent-Location Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

| Constituent | Units | Location | Date | | Result | | Pred. Limit |
|---|---|---|---|---|---|---|---|
| Ethylbenzene | ug/L | MW-11 | 04/18/2002 | | 300.0000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 07/26/2002 | ND | 50.0000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 10/24/2002 | | 390.0000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 12/30/2002 | | 31.0000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 04/25/2003 | ND | 5.0000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 07/31/2003 | | 210.0000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 10/23/2003 | | 710.0000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 01/23/2004 | | 24.0000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 04/21/2004 | | 3.6000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 07/21/2004 | | 84.0000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 10/12/2004 | | 29.0000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 01/27/2005 | ND | 1.0000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 04/27/2005 | ND | 10.0000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 07/27/2005 | ND | 20.0000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 10/20/2005 | ND | 20.0000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 01/27/2006 | | 490.0000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 04/26/2006 | | 1300.0000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 07/27/2006 | | 78.0000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 10/25/2006 | | 334.0000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 01/17/2007 | | 82.0000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 04/18/2007 | | 120.0000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 07/25/2007 | | 74.0000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 10/24/2007 | | 466.0000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 01/30/2008 | | 64.0000 | * | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 04/23/2008 | ND | 4.0000 | | 3.5000 |
| Ethylbenzene | ug/L | MW-11 | 07/30/2008 | | 500.0000 | * | 3.5000 |
| M,p-xylene | ug/L | MW-03 | 04/15/1992 | | 3.0000 | * | 1.0000 |
| M,p-xylene | ug/L | MW-03 | 04/15/1999 | ND | 1.0000 | | 1.0000 |
| M,p-xylene | ug/L | MW-03 | 07/15/1999 | ND | 1.0000 | | 1.0000 |
| M,p-xylene | ug/L | MW-03 | 10/15/1999 | ND | 5.0000 | | 1.0000 |
| M,p-xylene | ug/L | MW-03 | 01/25/2000 | | 44.0000 | * | 1.0000 |
| M,p-xylene | ug/L | MW-03 | 04/15/2000 | | 2.5000 | * | 1.0000 |
| M,p-xylene | ug/L | MW-03 | 10/15/2000 | ND | 1.0000 | | 1.0000 |
| M,p-xylene | ug/L | MW-03 | 04/15/2001 | | 3.1000 | * | 1.0000 |
| M,p-xylene | ug/L | MW-03 | 07/17/2001 | ND | 1.0000 | | 1.0000 |
| M,p-xylene | ug/L | MW-03 | 10/17/2001 | ND | 5.0000 | | 1.0000 |
| M,p-xylene | ug/L | MW-03 | 01/16/2002 | ND | 2.5000 | | 1.0000 |
| M,p-xylene | ug/L | MW-03 | 04/16/2002 | ND | 5.0000 | | 1.0000 |
| M,p-xylene | ug/L | MW-03 | 07/24/2002 | ND | 5.0000 | | 1.0000 |
| M,p-xylene | ug/L | MW-03 | 10/22/2002 | | 690.0000 | * | 1.0000 |
| M,p-xylene | ug/L | MW-03 | 01/08/2003 | | 2.3000 | * | 1.0000 |

* - Significantly increased over background.
ND = Not Detected, result = detection limit.

# Table 6

## Historical Onsite/Downgradient Data for Constituent-Location Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

| Constituent | Units | Location | Date | | Result | | Pred. Limit |
|---|---|---|---|---|---|---|---|
| M,p-xylene | ug/L | MW-03 | 04/23/2003 | ND | 2.0000 | | 1.0000 |
| M,p-xylene | ug/L | MW-03 | 07/29/2003 | ND | 5.0000 | | 1.0000 |
| M,p-xylene | ug/L | MW-03 | 10/21/2003 | | 180.0000 | * | 1.0000 |
| M,p-xylene | ug/L | MW-03 | 01/21/2004 | ND | 1.0000 | | 1.0000 |
| M,p-xylene | ug/L | MW-03 | 04/20/2004 | ND | 1.0000 | | 1.0000 |
| M,p-xylene | ug/L | MW-03 | 07/20/2004 | ND | 1.0000 | | 1.0000 |
| M,p-xylene | ug/L | MW-03 | 10/12/2004 | ND | 1.0000 | | 1.0000 |
| M,p-xylene | ug/L | MW-03 | 01/26/2005 | ND | 1.0000 | | 1.0000 |
| M,p-xylene | ug/L | MW-03 | 04/26/2005 | | 2.0000 | * | 1.0000 |
| M,p-xylene | ug/L | MW-03 | 07/26/2005 | ND | 1.0000 | | 1.0000 |
| M,p-xylene | ug/L | MW-03 | 10/18/2005 | ND | 1.0000 | | 1.0000 |
| M,p-xylene | ug/L | MW-03 | 01/25/2006 | ND | 1.0000 | | 1.0000 |
| M,p-xylene | ug/L | MW-03 | 04/25/2006 | ND | 1.0000 | | 1.0000 |
| M,p-xylene | ug/L | MW-03 | 07/25/2006 | ND | 1.0000 | | 1.0000 |
| M,p-xylene | ug/L | MW-03 | 10/24/2006 | ND | 1.0000 | | 1.0000 |
| M,p-xylene | ug/L | MW-03 | 01/17/2007 | ND | 1.0000 | | 1.0000 |
| M,p-xylene | ug/L | MW-03 | 04/17/2007 | ND | 1.0000 | | 1.0000 |
| M,p-xylene | ug/L | MW-03 | 07/25/2007 | ND | 1.0000 | | 1.0000 |
| M,p-xylene | ug/L | MW-03 | 10/23/2007 | | 24.0000 | * | 1.0000 |
| M,p-xylene | ug/L | MW-03 | 01/29/2008 | | 7.1000 | * | 1.0000 |
| M,p-xylene | ug/L | MW-03 | 04/24/2008 | ND | 1.0000 | | 1.0000 |
| M,p-xylene | ug/L | MW-03 | 07/30/2008 | | 88.0000 | * | 1.0000 |
| Total xylenes | ug/L | MW-03 | 01/15/1989 | | 1100.0000 | * | 6.1000 |
| Total xylenes | ug/L | MW-03 | 04/15/1989 | | 71.0000 | * | 6.1000 |
| Total xylenes | ug/L | MW-03 | 07/15/1989 | ND | 10.0000 | | 6.1000 |
| Total xylenes | ug/L | MW-03 | 10/15/1989 | | 160.0000 | * | 6.1000 |
| Total xylenes | ug/L | MW-03 | 01/22/1990 | ND | 10.0000 | | 6.1000 |
| Total xylenes | ug/L | MW-03 | 04/11/1990 | | 720.0000 | * | 6.1000 |
| Total xylenes | ug/L | MW-03 | 07/15/1990 | ND | 10.0000 | | 6.1000 |
| Total xylenes | ug/L | MW-03 | 10/15/1990 | ND | 1.0000 | | 6.1000 |
| Total xylenes | ug/L | MW-03 | 01/15/1991 | ND | 1.0000 | | 6.1000 |
| Total xylenes | ug/L | MW-03 | 04/15/1991 | ND | 1.0000 | | 6.1000 |
| Total xylenes | ug/L | MW-03 | 07/15/1991 | ND | 1.0000 | | 6.1000 |
| Total xylenes | ug/L | MW-03 | 10/23/1991 | ND | 10.0000 | | 6.1000 |
| Total xylenes | ug/L | MW-03 | 01/15/1992 | | 4.0000 | | 6.1000 |
| Total xylenes | ug/L | MW-03 | 04/15/1992 | | 3.0000 | | 6.1000 |
| Total xylenes | ug/L | MW-03 | 07/15/1992 | ND | 1.0000 | | 6.1000 |
| Total xylenes | ug/L | MW-03 | 10/15/1992 | ND | 1.0000 | | 6.1000 |
| Total xylenes | ug/L | MW-03 | 01/15/1993 | ND | 5.0000 | | 6.1000 |
| Total xylenes | ug/L | MW-03 | 04/20/1993 | ND | 1.0000 | | 6.1000 |
| Total xylenes | ug/L | MW-03 | 07/12/1993 | | 5.9000 | | 6.1000 |

* - Significantly increased over background.
ND = Not Detected, result = detection limit.

# Table 6

## Historical Onsite/Downgradient Data for Constituent-Location Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

| Constituent | Units | Location | Date | | Result | | Pred. Limit |
|---|---|---|---|---|---|---|---|
| Total xylenes | ug/L | MW-03 | 10/12/1993 | | 4.8000 | | 6.1000 |
| Total xylenes | ug/L | MW-03 | 01/11/1994 | ND | 1.0000 | | 6.1000 |
| Total xylenes | ug/L | MW-03 | 04/12/1994 | ND | 1.0000 | | 6.1000 |
| Total xylenes | ug/L | MW-03 | 07/18/1994 | ND | 1.0000 | | 6.1000 |
| Total xylenes | ug/L | MW-03 | 10/11/1994 | | 12.0000 | * | 6.1000 |
| Total xylenes | ug/L | MW-03 | 01/17/1995 | ND | 1.0000 | | 6.1000 |
| Total xylenes | ug/L | MW-03 | 04/17/1995 | ND | 1.0000 | | 6.1000 |
| Total xylenes | ug/L | MW-03 | 07/11/1995 | | 8.8000 | * | 6.1000 |
| Total xylenes | ug/L | MW-03 | 10/10/1995 | | 3.3000 | | 6.1000 |
| Total xylenes | ug/L | MW-03 | 01/30/1996 | | 5.2000 | | 6.1000 |
| Total xylenes | ug/L | MW-03 | 04/15/1996 | | 3.6000 | | 6.1000 |
| Total xylenes | ug/L | MW-03 | 07/16/1996 | | 12.0000 | * | 6.1000 |
| Total xylenes | ug/L | MW-03 | 10/08/1996 | | 6.2000 | * | 6.1000 |
| Total xylenes | ug/L | MW-03 | 01/14/1997 | | 4.2000 | | 6.1000 |
| Total xylenes | ug/L | MW-03 | 04/15/1997 | | 3.0000 | | 6.1000 |
| Total xylenes | ug/L | MW-03 | 07/09/1997 | | 3.7000 | | 6.1000 |
| Total xylenes | ug/L | MW-03 | 10/15/1997 | | 1.2000 | | 6.1000 |
| Total xylenes | ug/L | MW-03 | 01/13/1998 | ND | 1.0000 | | 6.1000 |
| Total xylenes | ug/L | MW-03 | 04/22/1998 | ND | 1.0000 | | 6.1000 |
| Total xylenes | ug/L | MW-03 | 07/15/1998 | ND | 1.0000 | | 6.1000 |
| Total xylenes | ug/L | MW-03 | 10/20/1998 | ND | 1.0000 | | 6.1000 |
| Total xylenes | ug/L | MW-03 | 01/15/1999 | ND | 1.0000 | | 6.1000 |
| Total xylenes | ug/L | MW-03 | 04/15/1999 | ND | 2.0000 | | 6.1000 |
| Total xylenes | ug/L | MW-03 | 07/15/1999 | ND | 1.0000 | | 6.1000 |
| Total xylenes | ug/L | MW-03 | 10/15/1999 | ND | 10.0000 | | 6.1000 |
| Total xylenes | ug/L | MW-03 | 01/25/2000 | | 70.0000 | * | 6.1000 |
| Total xylenes | ug/L | MW-03 | 04/15/2000 | | 2.5000 | | 6.1000 |
| Total xylenes | ug/L | MW-03 | 10/15/2000 | ND | 1.0000 | | 6.1000 |
| Total xylenes | ug/L | MW-03 | 04/15/2001 | | 3.1000 | | 6.1000 |
| Total xylenes | ug/L | MW-03 | 07/17/2001 | ND | 1.0000 | | 6.1000 |
| Total xylenes | ug/L | MW-03 | 10/17/2001 | ND | 5.0000 | | 6.1000 |
| Total xylenes | ug/L | MW-03 | 01/16/2002 | ND | 2.5000 | | 6.1000 |
| Total xylenes | ug/L | MW-03 | 04/16/2002 | ND | 10.0000 | | 6.1000 |
| Total xylenes | ug/L | MW-03 | 07/24/2002 | ND | 10.0000 | | 6.1000 |
| Total xylenes | ug/L | MW-03 | 10/22/2002 | | 700.0000 | * | 6.1000 |
| Total xylenes | ug/L | MW-03 | 01/08/2003 | | 2.3000 | | 6.1000 |
| Total xylenes | ug/L | MW-03 | 04/23/2003 | ND | 4.0000 | | 6.1000 |
| Total xylenes | ug/L | MW-03 | 07/29/2003 | ND | 10.0000 | | 6.1000 |
| Total xylenes | ug/L | MW-03 | 10/21/2003 | | 209.0000 | * | 6.1000 |
| Total xylenes | ug/L | MW-03 | 01/21/2004 | ND | 2.0000 | | 6.1000 |
| Total xylenes | ug/L | MW-03 | 04/20/2004 | ND | 2.0000 | | 6.1000 |

* - Significantly increased over background.
ND = Not Detected, result = detection limit.

# Table 6

## Historical Onsite/Downgradient Data for Constituent-Location Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

| Constituent | Units | Location | Date | | Result | | Pred. Limit |
|---|---|---|---|---|---|---|---|
| Total xylenes | ug/L | MW-03 | 07/20/2004 | ND | 2.0000 | | 6.1000 |
| Total xylenes | ug/L | MW-03 | 10/12/2004 | ND | 2.0000 | | 6.1000 |
| Total xylenes | ug/L | MW-03 | 01/26/2005 | ND | 2.0000 | | 6.1000 |
| Total xylenes | ug/L | MW-03 | 04/26/2005 | | 2.0000 | | 6.1000 |
| Total xylenes | ug/L | MW-03 | 07/26/2005 | ND | 2.0000 | | 6.1000 |
| Total xylenes | ug/L | MW-03 | 10/18/2005 | ND | 2.0000 | | 6.1000 |
| Total xylenes | ug/L | MW-03 | 01/25/2006 | ND | 5.0000 | | 6.1000 |
| Total xylenes | ug/L | MW-03 | 04/25/2006 | ND | 2.0000 | | 6.1000 |
| Total xylenes | ug/L | MW-03 | 07/25/2006 | ND | 1.0000 | | 6.1000 |
| Total xylenes | ug/L | MW-03 | 10/24/2006 | ND | 1.0000 | | 6.1000 |
| Total xylenes | ug/L | MW-03 | 01/17/2007 | ND | 1.0000 | | 6.1000 |
| Total xylenes | ug/L | MW-03 | 04/17/2007 | ND | 1.0000 | | 6.1000 |
| Total xylenes | ug/L | MW-03 | 07/25/2007 | ND | 1.0000 | | 6.1000 |
| Total xylenes | ug/L | MW-03 | 10/23/2007 | | 24.0000 | * | 6.1000 |
| Total xylenes | ug/L | MW-03 | 01/29/2008 | | 7.1000 | * | 6.1000 |
| Total xylenes | ug/L | MW-03 | 04/24/2008 | ND | 1.0000 | | 6.1000 |
| Total xylenes | ug/L | MW-03 | 07/30/2008 | | 88.0000 | * | 6.1000 |
| Trichloroethene | ug/L | MW-03 | 01/15/1989 | | 110.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 04/15/1989 | | 120.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 07/15/1989 | | 120.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 10/15/1989 | ND | 100.0000 | | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 01/22/1990 | | 74.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 04/11/1990 | | 74.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 07/15/1990 | | 130.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 10/15/1990 | | 130.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 01/15/1991 | | 38.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 04/15/1991 | | 27.0000 | | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 07/15/1991 | | 28.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 10/23/1991 | | 71.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 01/15/1992 | | 76.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 04/15/1992 | | 25.0000 | | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 07/15/1992 | | 76.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 10/15/1992 | | 130.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 01/15/1993 | | 84.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 04/20/1993 | | 12.0000 | | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 07/12/1993 | | 16.0000 | | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 10/12/1993 | | 17.0000 | | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 01/11/1994 | | 10.0000 | | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 04/12/1994 | | 15.0000 | | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 07/18/1994 | | 26.0000 | | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 10/11/1994 | | 76.0000 | * | 27.1367 |

* - Significantly increased over background.
ND = Not Detected, result = detection limit.

# Table 6

## Historical Onsite/Downgradient Data for Constituent-Location Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

| Constituent | Units | Location | Date | | Result | | Pred. Limit |
|---|---|---|---|---|---|---|---|
| Trichloroethene | ug/L | MW-03 | 01/17/1995 | | 72.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 04/17/1995 | | 57.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 07/11/1995 | | 9.5000 | | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 10/10/1995 | | 30.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 01/30/1996 | | 26.0000 | | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 04/15/1996 | | 46.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 07/16/1996 | | 17.0000 | | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 10/08/1996 | | 21.0000 | | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 01/14/1997 | | 28.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 04/15/1997 | | 13.0000 | | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 07/09/1997 | | 13.0000 | | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 10/15/1997 | | 24.0000 | | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 01/13/1998 | | 25.0000 | | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 04/22/1998 | | 18.0000 | | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 07/15/1998 | | 25.0000 | | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 10/20/1998 | | 24.0000 | | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 01/15/1999 | | 26.0000 | | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 04/15/1999 | | 21.0000 | | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 07/15/1999 | | 43.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 10/15/1999 | | 170.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 01/25/2000 | | 170.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 04/15/2000 | | 170.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 10/15/2000 | | 43.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 04/15/2001 | | 150.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 07/17/2001 | | 41.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 10/17/2001 | | 290.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 01/16/2002 | | 220.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 04/16/2002 | | 280.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 07/24/2002 | | 260.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 10/22/2002 | | 190.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 01/08/2003 | | 250.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 04/23/2003 | | 190.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 07/29/2003 | | 280.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 10/21/2003 | | 110.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 01/21/2004 | | 200.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 04/20/2004 | | 180.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 07/20/2004 | | 200.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 10/12/2004 | | 190.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 01/26/2005 | | 60.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 04/26/2005 | | 61.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 07/26/2005 | | 100.0000 | * | 27.1367 |

* - Significantly increased over background.
ND = Not Detected, result = detection limit.

# Table 6

## Historical Onsite/Downgradient Data for Constituent-Location Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

| Constituent | Units | Location | Date | | Result | | Pred. Limit |
|---|---|---|---|---|---|---|---|
| Trichloroethene | ug/L | MW-03 | 10/18/2005 | | 160.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 01/25/2006 | | 170.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 04/25/2006 | | 130.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 07/25/2006 | | 150.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 10/24/2006 | | 160.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 01/17/2007 | | 97.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 04/17/2007 | | 110.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 07/25/2007 | | 140.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 10/23/2007 | | 150.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 01/29/2008 | | 230.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 04/24/2008 | | 130.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-03 | 07/30/2008 | | 180.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 01/15/1989 | | 120.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 04/15/1989 | | 210.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 07/15/1989 | | 290.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 10/15/1989 | | 250.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 01/24/1990 | | 240.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 04/11/1990 | | 320.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 07/15/1990 | | 400.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 10/15/1990 | | 250.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 01/15/1991 | | 180.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 04/15/1991 | | 170.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 07/15/1991 | | 200.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 10/21/1991 | ND | 400.0000 | | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 01/15/1992 | ND | 250.0000 | | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 04/15/1992 | | 350.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 07/15/1992 | | 280.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 10/15/1992 | | 260.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 01/15/1993 | ND | 250.0000 | | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 04/20/1993 | | 25.0000 | | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 07/13/1993 | | 100.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 10/13/1993 | | 290.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 10/14/1993 | | 21.0000 | | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 01/11/1994 | | 180.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 04/13/1994 | | 190.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 07/19/1994 | | 340.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 10/11/1994 | | 420.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 01/18/1995 | | 190.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 04/18/1995 | | 67.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 07/12/1995 | | 94.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 10/10/1995 | | 160.0000 | * | 27.1367 |

* - Significantly increased over background.
ND = Not Detected, result = detection limit.

# Table 6

## Historical Onsite/Downgradient Data for Constituent-Location Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

| Constituent | Units | Location | Date | | Result | | Pred. Limit |
|---|---|---|---|---|---|---|---|
| Trichloroethene | ug/L | MW-04 | 01/31/1996 | | 160.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 04/16/1996 | | 150.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 07/16/1996 | | 140.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 10/09/1996 | | 330.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 01/14/1997 | | 330.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 04/16/1997 | | 150.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 07/09/1997 | | 160.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 10/16/1997 | | 230.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 01/14/1998 | | 180.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 04/22/1998 | | 92.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 07/15/1998 | | 120.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 10/21/1998 | | 130.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 01/15/1999 | | 290.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 04/15/1999 | | 190.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 07/15/1999 | | 150.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 10/15/1999 | | 220.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 01/27/2000 | | 160.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 04/15/2000 | | 270.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 10/15/2000 | | 180.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 04/15/2001 | | 150.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 07/18/2001 | | 76.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 10/18/2001 | | 220.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 01/17/2002 | | 140.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 04/18/2002 | | 260.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 07/25/2002 | | 210.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 10/23/2002 | | 140.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 12/30/2002 | | 99.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 04/25/2003 | | 140.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 07/30/2003 | | 150.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 10/23/2003 | | 150.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 01/23/2004 | | 200.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 04/21/2004 | | 330.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 07/21/2004 | | 310.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 10/12/2004 | | 190.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 01/27/2005 | | 39.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 04/27/2005 | | 370.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 07/27/2005 | | 370.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 10/20/2005 | | 390.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 01/26/2006 | | 540.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 04/26/2006 | | 430.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 07/27/2006 | | 470.0000 | * | 27.1367 |

* - Significantly increased over background.
ND = Not Detected, result = detection limit.

# Table 6

## Historical Onsite/Downgradient Data for Constituent-Location Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

| Constituent | Units | Location | Date | | Result | | Pred. Limit |
|---|---|---|---|---|---|---|---|
| Trichloroethene | ug/L | MW-04 | 10/26/2006 | | 280.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 01/18/2007 | | 260.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 04/18/2007 | | 250.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 07/27/2007 | | 180.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 10/25/2007 | | 83.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 01/31/2008 | | 350.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 04/24/2008 | | 190.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-04 | 07/31/2008 | | 310.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 01/15/1989 | | 55.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 04/15/1989 | | 24.0000 | | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 07/15/1989 | | 57.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 10/15/1989 | | 110.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 01/23/1990 | | 100.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 04/13/1990 | | 150.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 07/15/1990 | | 84.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 10/15/1990 | | 17.0000 | | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 01/15/1991 | | 26.0000 | | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 04/15/1991 | | 26.0000 | | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 07/15/1991 | | 41.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 10/22/1991 | | 120.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 01/15/1992 | | 45.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 04/15/1992 | | 52.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 07/15/1992 | ND | 1000.0000 | | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 10/15/1992 | ND | 1.0000 | | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 01/15/1993 | ND | 100.0000 | | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 04/20/1993 | | 110.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 07/14/1993 | | 1100.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 10/14/1993 | | 390.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 01/12/1994 | | 230.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 04/13/1994 | | 270.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 07/20/1994 | | 200.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 10/13/1994 | | 350.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 01/18/1995 | | 310.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 04/19/1995 | | 670.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 07/13/1995 | | 540.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 10/11/1995 | | 320.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 02/01/1996 | | 500.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 04/17/1996 | | 580.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 07/17/1996 | | 570.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 10/09/1996 | | 470.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 01/15/1997 | | 400.0000 | * | 27.1367 |

* - Significantly increased over background.
ND = Not Detected, result = detection limit.

# Table 6

## Historical Onsite/Downgradient Data for Constituent-Location Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

| Constituent | Units | Location | Date | | Result | | Pred. Limit |
|---|---|---|---|---|---|---|---|
| Trichloroethene | ug/L | MW-09 | 04/17/1997 | | 770.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 07/10/1997 | | 850.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 10/16/1997 | | 620.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 01/15/1998 | | 270.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 04/23/1998 | | 390.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 07/15/1998 | | 1300.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 10/21/1998 | | 1200.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 01/15/1999 | | 550.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 04/15/1999 | | 350.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 07/15/1999 | | 860.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 10/15/1999 | | 290.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 01/28/2000 | | 170.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 04/15/2000 | | 380.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 10/15/2000 | | 170.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 04/15/2001 | | 200.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 07/19/2001 | | 130.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 10/18/2001 | | 440.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 01/17/2002 | | 200.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 04/18/2002 | | 190.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 07/26/2002 | | 570.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 10/24/2002 | | 640.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 01/09/2003 | | 390.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 04/25/2003 | | 250.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 07/31/2003 | | 480.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 10/22/2003 | | 150.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 01/23/2004 | | 100.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 04/21/2004 | | 220.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 07/21/2004 | | 130.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 10/12/2004 | | 61.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 01/27/2005 | | 41.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 04/27/2005 | | 96.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 07/27/2005 | | 290.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 10/20/2005 | | 380.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 01/27/2006 | | 450.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 04/26/2006 | | 520.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 07/27/2006 | | 280.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 10/26/2006 | | 430.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 01/18/2007 | | 230.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 04/18/2007 | | 290.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 07/27/2007 | | 330.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 10/25/2007 | | 280.0000 | * | 27.1367 |

* - Significantly increased over background.
ND = Not Detected, result = detection limit.

# Table 6

## Historical Onsite/Downgradient Data for Constituent-Location Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

| Constituent | Units | Location | Date | | Result | | Pred. Limit |
|---|---|---|---|---|---|---|---|
| Trichloroethene | ug/L | MW-09 | 01/31/2008 | | 200.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 04/24/2008 | | 470.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-09 | 07/29/2008 | | 110.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 01/15/1989 | | 34.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 04/15/1989 | | 39.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 07/15/1989 | | 29.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 10/15/1989 | | 35.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 01/23/1990 | | 46.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 04/10/1990 | | 33.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 07/15/1990 | | 65.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 10/15/1990 | ND | 500.0000 | | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 01/15/1991 | ND | 1.0000 | | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 04/15/1991 | | 63.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 07/15/1991 | | 61.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 10/22/1991 | | 110.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 01/15/1992 | | 85.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 04/15/1992 | | 70.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 07/15/1992 | | 160.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 10/15/1992 | | 160.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 01/15/1993 | | 86.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 04/19/1993 | | 59.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 07/12/1993 | | 230.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 10/13/1993 | | 150.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 01/10/1994 | | 190.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 04/12/1994 | | 80.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 07/18/1994 | | 180.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 10/11/1994 | | 360.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 01/17/1995 | | 660.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 04/17/1995 | | 74.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 07/11/1995 | | 140.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 10/09/1995 | | 180.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 01/30/1996 | | 620.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 04/16/1996 | | 240.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 07/15/1996 | | 220.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 10/08/1996 | | 250.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 01/14/1997 | | 160.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 04/16/1997 | | 370.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 07/09/1997 | | 240.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 10/15/1997 | | 350.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 01/14/1998 | | 390.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 04/22/1998 | | 180.0000 | * | 27.1367 |

* - Significantly increased over background.
ND = Not Detected, result = detection limit.

# Table 6

## Historical Onsite/Downgradient Data for Constituent-Location Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

| Constituent | Units | Location | Date | Result | | Pred. Limit |
|---|---|---|---|---|---|---|
| Trichloroethene | ug/L | MW-11 | 07/15/1998 | 150.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 10/20/1998 | 430.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 01/15/1999 | 690.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 04/15/1999 | 480.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 07/15/1999 | 740.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 10/15/1999 | 650.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 01/25/2000 | 820.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 04/15/2000 | 1100.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 10/15/2000 | 2900.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 04/15/2001 | 1700.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 07/17/2001 | 400.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 10/18/2001 | 1500.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 01/17/2002 | 630.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 04/18/2002 | 1300.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 07/26/2002 | 1500.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 10/24/2002 | 700.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 12/30/2002 | 550.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 04/25/2003 | 410.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 07/31/2003 | 1100.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 10/23/2003 | 380.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 01/23/2004 | 190.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 04/21/2004 | 250.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 07/21/2004 | 190.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 10/12/2004 | 180.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 01/27/2005 | 130.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 04/27/2005 | 1200.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 07/27/2005 | 1300.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 10/20/2005 | 810.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 01/27/2006 | 1000.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 04/26/2006 | 690.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 07/27/2006 | 930.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 10/25/2006 | 1100.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 01/17/2007 | 1100.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 04/18/2007 | 1200.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 07/25/2007 | 840.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 10/24/2007 | 140.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 01/30/2008 | 240.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 04/23/2008 | 330.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-11 | 07/30/2008 | 220.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 10/15/1990 | 180.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 01/15/1991 | 108.0000 | * | 27.1367 |

* - Significantly increased over background.
ND = Not Detected, result = detection limit.

# Table 6

## Historical Onsite/Downgradient Data for Constituent-Location Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

| Constituent | Units | Location | Date | | Result | | Pred. Limit |
|---|---|---|---|---|---|---|---|
| Trichloroethene | ug/L | MW-14S | 04/15/1991 | | 84.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 07/15/1991 | | 55.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 10/23/1991 | | 81.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 01/15/1992 | | 59.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 04/15/1992 | | 56.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 07/15/1992 | | 44.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 10/15/1992 | | 71.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 01/15/1993 | | 56.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 04/22/1993 | | 18.0000 | | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 07/13/1993 | | 25.0000 | | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 10/14/1993 | | 25.0000 | | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 01/12/1994 | | 21.0000 | | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 04/13/1994 | | 29.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 07/20/1994 | | 15.0000 | | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 10/11/1994 | | 58.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 02/08/1995 | | 50.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 04/18/1995 | | 20.0000 | | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 07/12/1995 | | 22.0000 | | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 10/11/1995 | | 35.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 02/01/1996 | | 42.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 04/17/1996 | | 51.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 07/17/1996 | | 37.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 10/08/1996 | | 61.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 01/15/1997 | | 90.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 04/16/1997 | | 45.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 07/10/1997 | | 35.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 10/16/1997 | | 57.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 01/15/1998 | | 50.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 04/23/1998 | | 38.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 07/15/1998 | | 18.0000 | | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 10/21/1998 | | 62.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 01/15/1999 | | 98.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 04/15/1999 | | 84.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 07/15/1999 | | 74.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 10/15/1999 | | 180.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 01/27/2000 | | 230.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 04/15/2000 | | 60.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 10/15/2000 | | 170.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 04/15/2001 | | 130.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 07/19/2001 | | 35.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 10/17/2001 | | 170.0000 | * | 27.1367 |

* - Significantly increased over background.
ND = Not Detected, result = detection limit.

# Table 6

## Historical Onsite/Downgradient Data for Constituent-Location Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

| Constituent | Units | Location | Date | | Result | | Pred. Limit |
|---|---|---|---|---|---|---|---|
| Trichloroethene | ug/L | MW-14S | 01/16/2002 | | 91.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 04/17/2002 | | 130.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 07/25/2002 | | 150.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 10/23/2002 | | 360.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 12/30/2002 | | 190.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 04/24/2003 | | 160.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 07/30/2003 | | 200.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 10/23/2003 | | 490.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 01/22/2004 | | 480.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 04/21/2004 | | 570.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 07/21/2004 | | 500.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 10/12/2004 | | 160.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 01/27/2005 | | 98.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 04/27/2005 | | 150.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 07/26/2005 | | 160.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 10/20/2005 | | 180.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 01/26/2006 | | 190.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 04/25/2006 | | 180.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 07/26/2006 | | 170.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 10/25/2006 | | 280.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 01/17/2007 | | 140.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 04/18/2007 | | 170.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 07/25/2007 | | 180.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 10/23/2007 | | 540.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 01/30/2008 | | 550.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 04/22/2008 | | 390.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-14S | 07/30/2008 | | 640.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 10/15/1990 | | 21.0000 | | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 01/15/1991 | | 13.0000 | | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 04/15/1991 | | 28.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 07/15/1991 | | 17.0000 | | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 10/22/1991 | | 13.0000 | | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 01/15/1992 | | 15.0000 | | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 04/15/1992 | | 4.1000 | | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 07/15/1992 | | 2.9000 | | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 10/15/1992 | | 7.7000 | | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 01/15/1993 | | 9.0000 | | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 04/21/1993 | | 4.6000 | | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 07/14/1993 | | 2.4000 | | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 10/14/1993 | | 3.2000 | | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 01/12/1994 | | 1.9000 | | 27.1367 |

* - Significantly increased over background.
ND = Not Detected, result = detection limit.

# Table 6

## Historical Onsite/Downgradient Data for Constituent-Location Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

| Constituent | Units | Location | Date | | Result | | Pred. Limit |
|---|---|---|---|---|---|---|---|
| Trichloroethene | ug/L | MW-15S | 04/13/1994 | | 3.1000 | | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 07/20/1994 | | 2.1000 | | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 10/11/1994 | | 6.0000 | | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 01/18/1995 | | 3.7000 | | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 04/19/1995 | | 2.8000 | | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 07/12/1995 | | 5.2000 | | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 10/11/1995 | | 3.9000 | | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 02/01/1996 | | 3.8000 | | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 04/17/1996 | | 2.8000 | | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 07/17/1996 | | 3.2000 | | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 10/08/1996 | | 5.3000 | | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 01/15/1997 | | 5.1000 | | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 04/17/1997 | | 3.3000 | | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 07/10/1997 | | 4.1000 | | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 10/16/1997 | | 5.2000 | | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 01/15/1998 | | 5.0000 | | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 04/23/1998 | | 3.1000 | | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 07/15/1998 | | 3.4000 | | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 10/21/1998 | | 3.9000 | | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 01/15/1999 | | 7.0000 | | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 04/15/1999 | | 4.2000 | | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 07/15/1999 | | 3.9000 | | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 10/15/1999 | | 6.7000 | | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 01/28/2000 | | 25.0000 | | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 04/15/2000 | | 17.0000 | | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 10/15/2000 | | 6.7000 | | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 04/15/2001 | | 3.0000 | | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 07/19/2001 | | 5.1000 | | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 10/17/2001 | | 2.8000 | | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 01/16/2002 | | 2.7000 | | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 04/17/2002 | | 2.9000 | | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 07/24/2002 | | 4.4000 | | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 10/23/2002 | | 13.0000 | | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 01/08/2003 | | 22.0000 | | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 04/24/2003 | | 3.2000 | | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 07/30/2003 | | 5.1000 | | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 10/22/2003 | | 21.0000 | | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 01/22/2004 | | 85.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 04/21/2004 | | 73.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 07/20/2004 | | 120.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 10/11/2004 | | 96.0000 | * | 27.1367 |

* - Significantly increased over background.
ND = Not Detected, result = detection limit.

# Table 6

## Historical Onsite/Downgradient Data for Constituent-Location Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

| Constituent | Units | Location | Date | | Result | | Pred. Limit |
|---|---|---|---|---|---|---|---|
| Trichloroethene | ug/L | MW-15S | 01/27/2005 | | 110.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 04/27/2005 | | 21.0000 | | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 07/26/2005 | | 8.3000 | | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 10/19/2005 | | 5.8000 | | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 01/25/2006 | | 11.0000 | | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 04/25/2006 | | 6.0000 | | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 07/25/2006 | | 6.6000 | | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 10/25/2006 | | 4.5000 | | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 01/18/2007 | | 7.6000 | | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 04/18/2007 | | 3.9000 | | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 07/25/2007 | | 7.1000 | | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 10/24/2007 | | 22.0000 | | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 01/30/2008 | | 79.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 04/23/2008 | | 29.0000 | * | 27.1367 |
| Trichloroethene | ug/L | MW-15S | 07/30/2008 | | 73.0000 | * | 27.1367 |

* - Significantly increased over background.
ND = Not Detected, result = detection limit.

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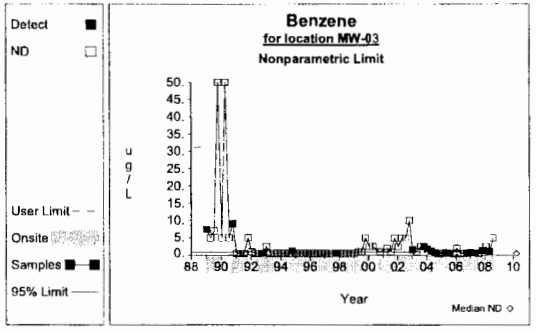
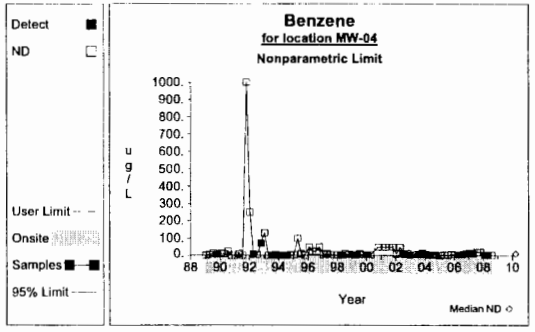
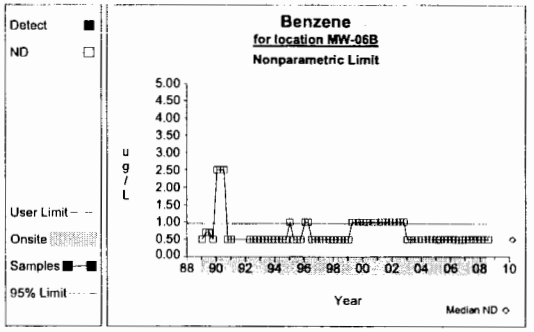
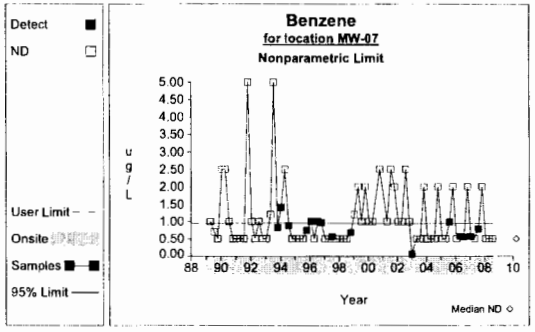
Analysis prepared on: 9/16/2008

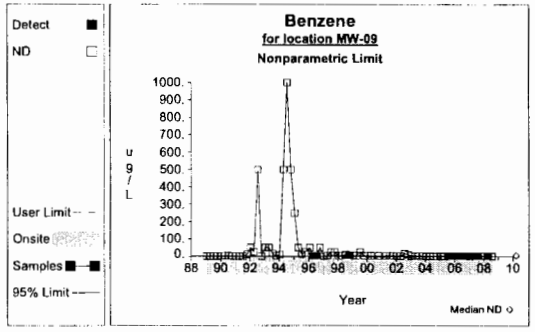
# Comparison to Background

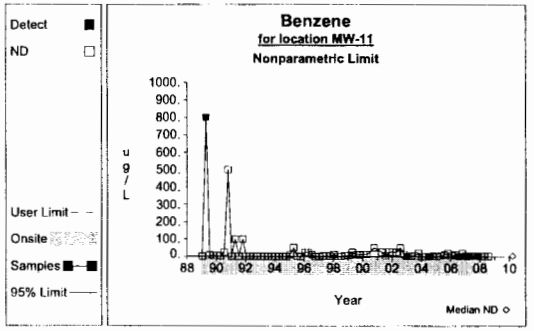


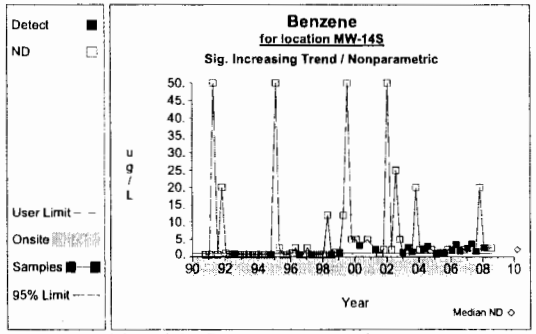



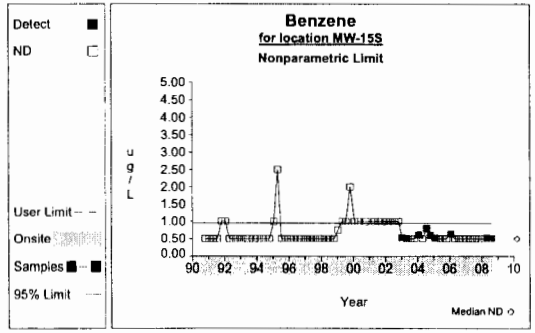



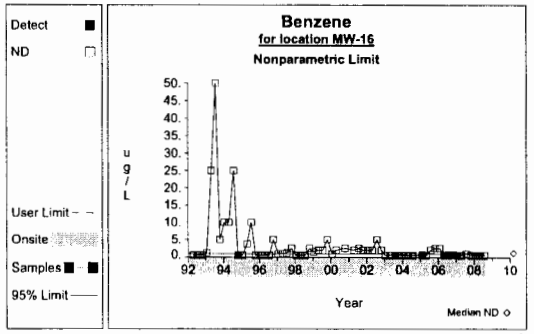




Prepared by: Iris Environmental

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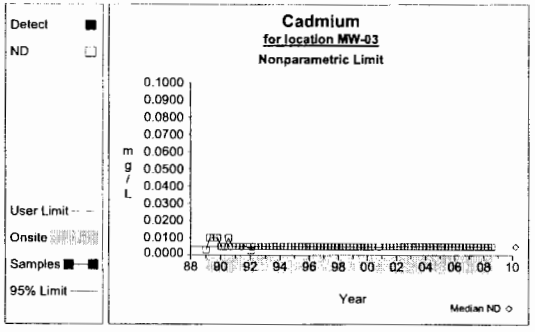


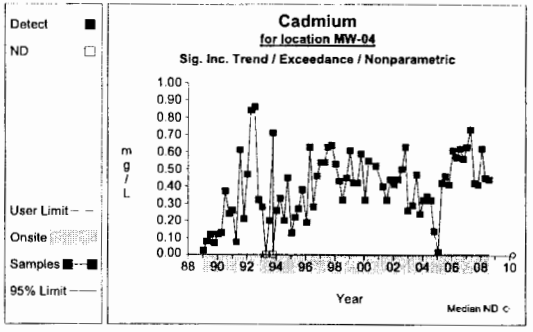


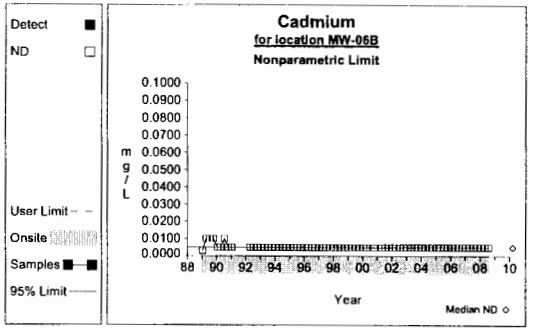


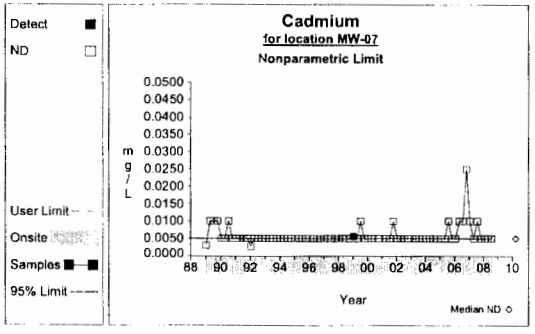


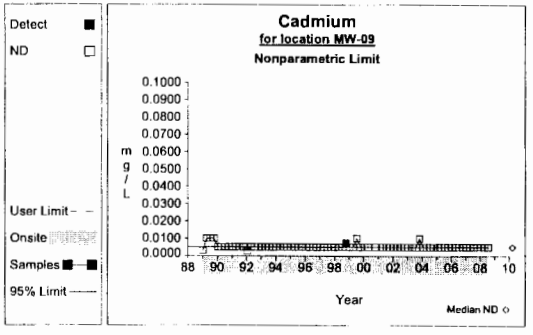


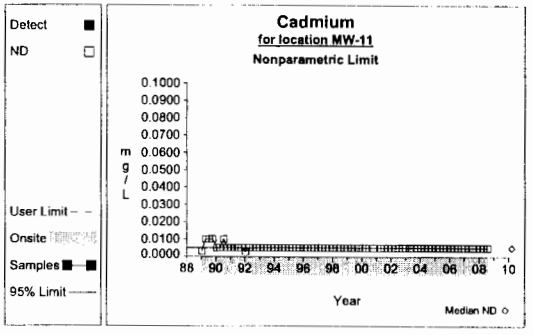


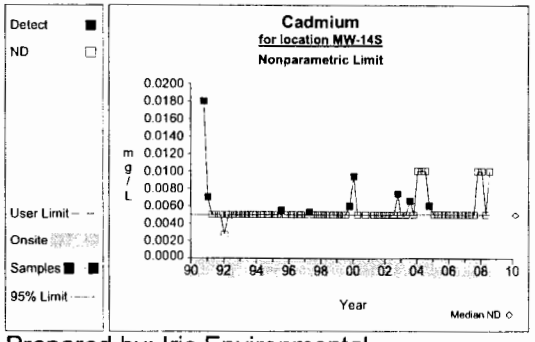


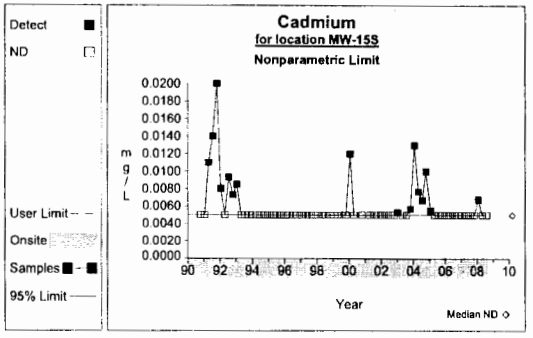


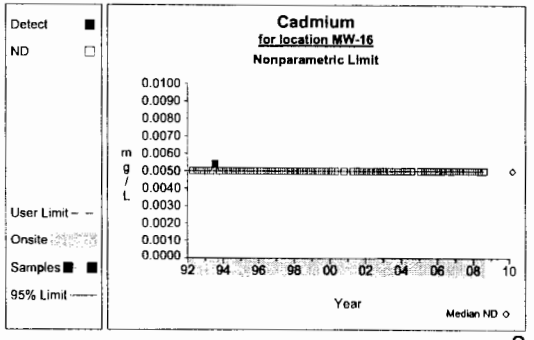

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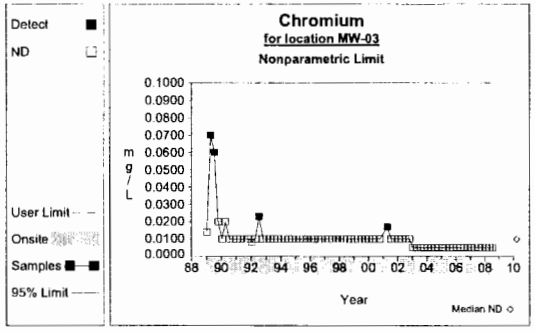


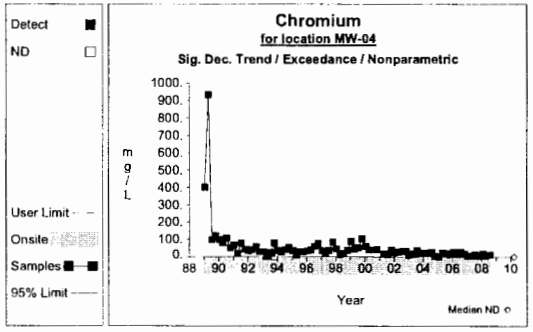


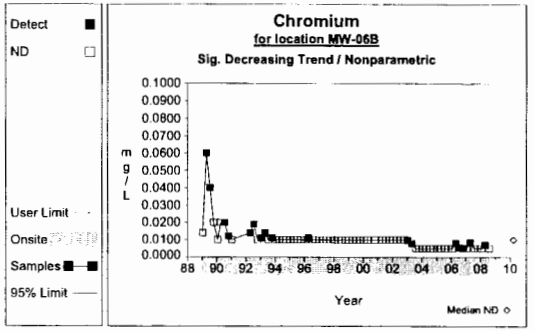


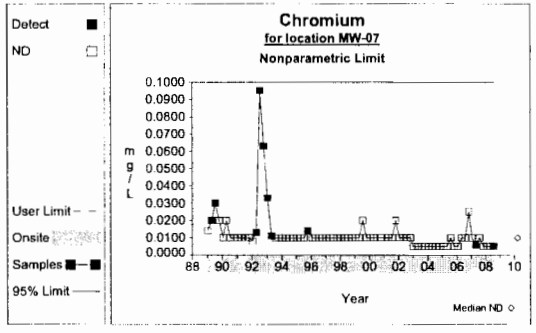


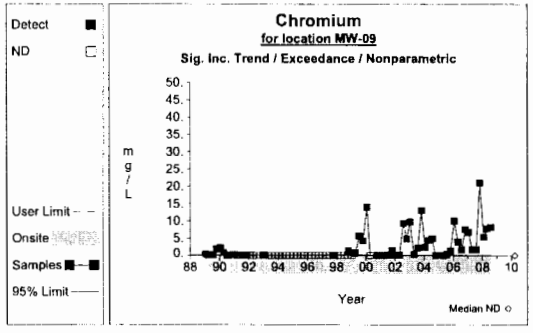


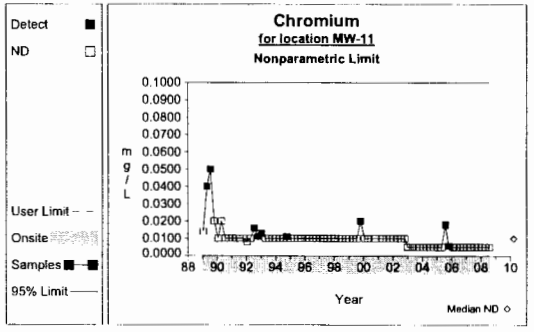


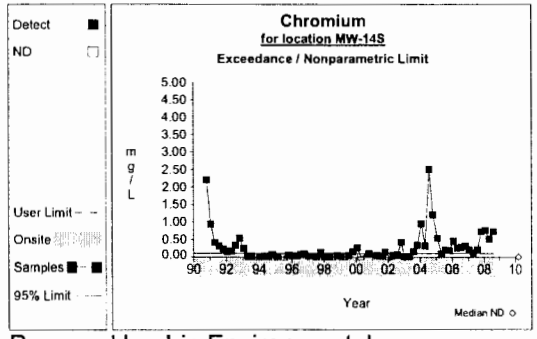


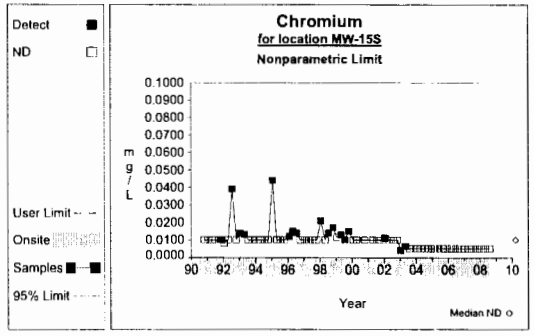


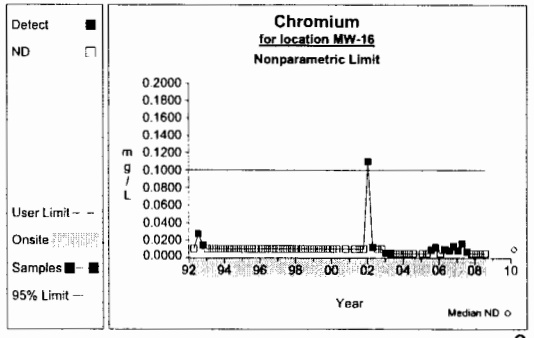

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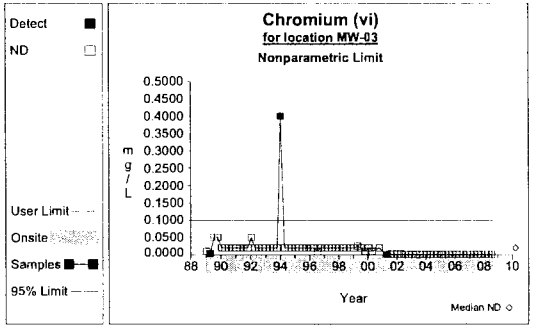


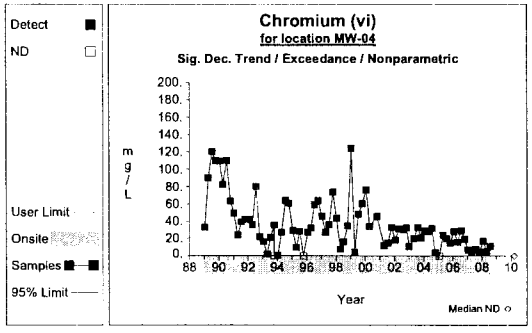


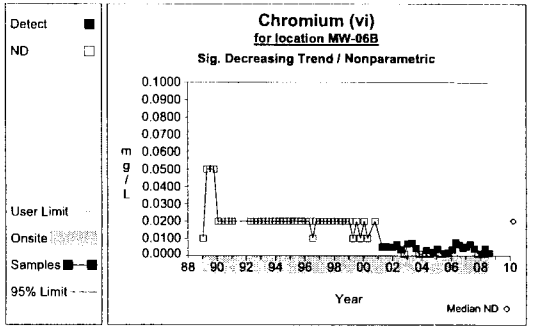


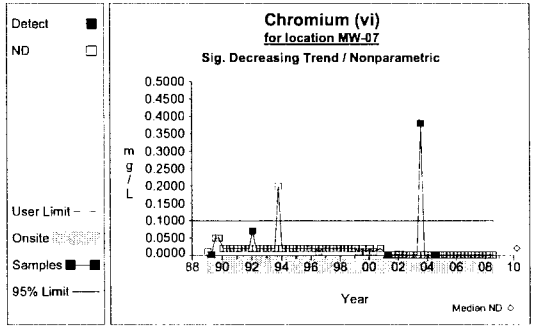


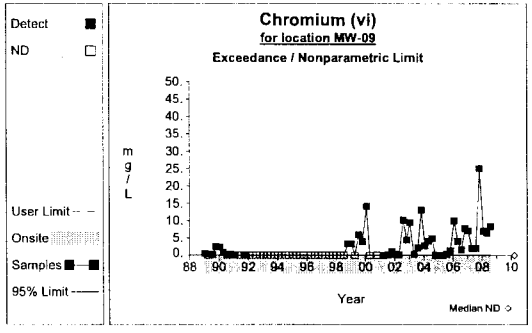


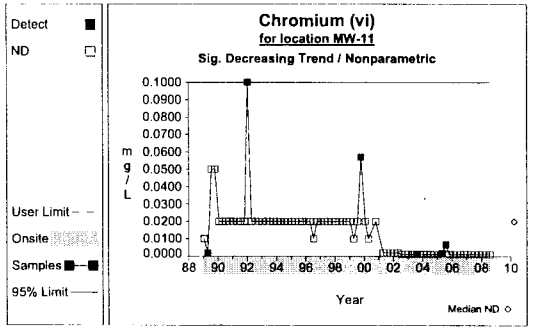


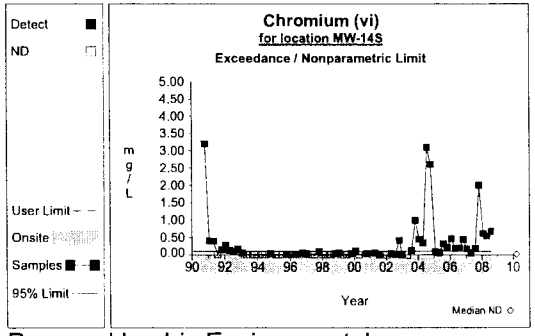


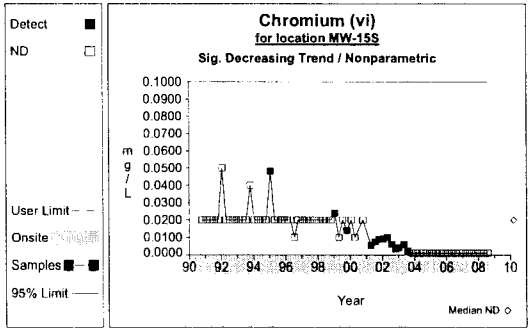


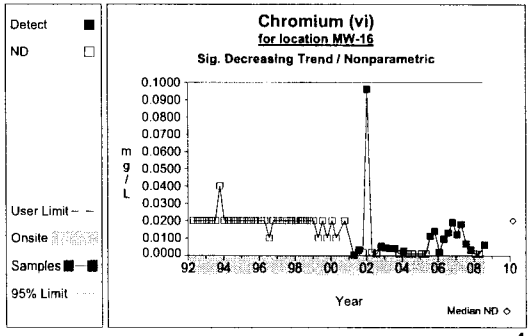

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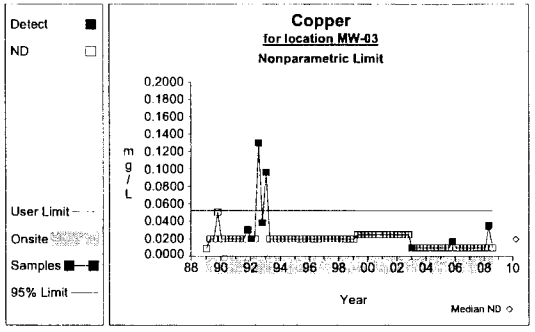


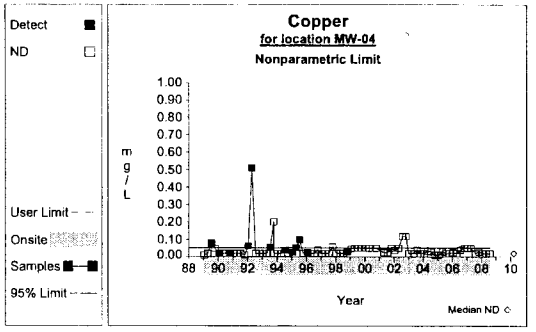


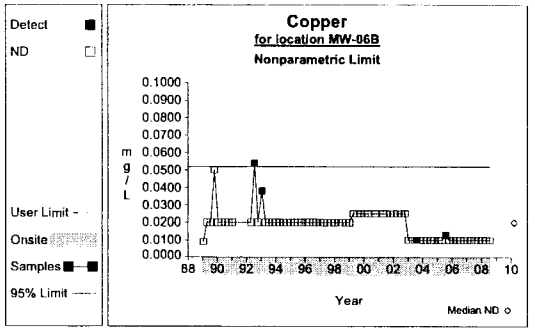


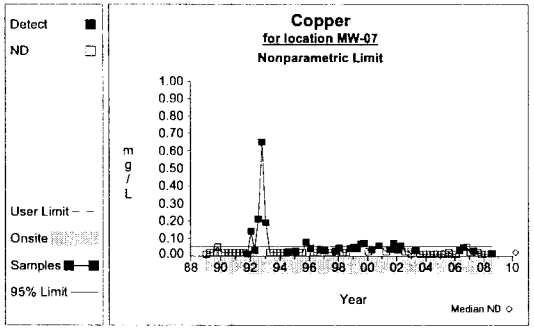


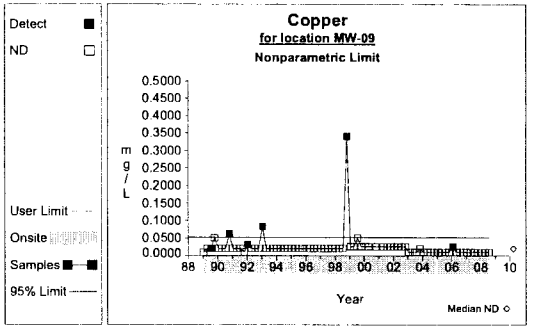


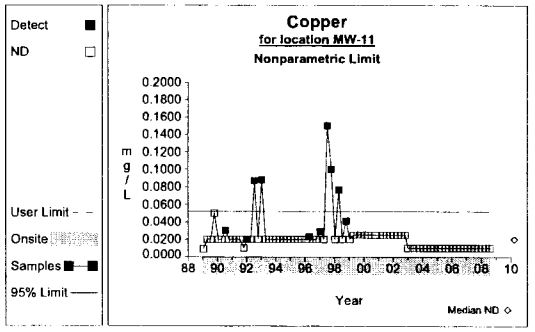


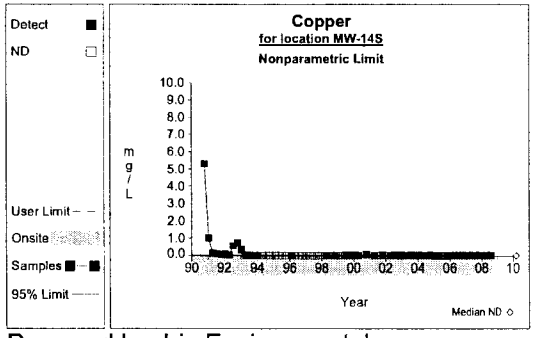


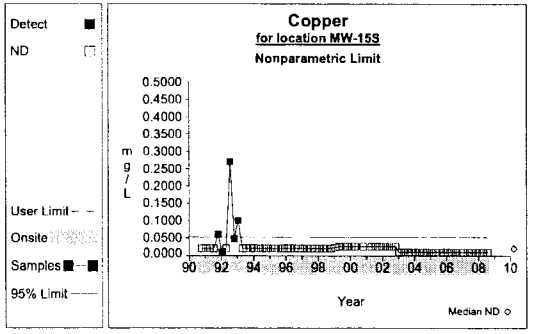


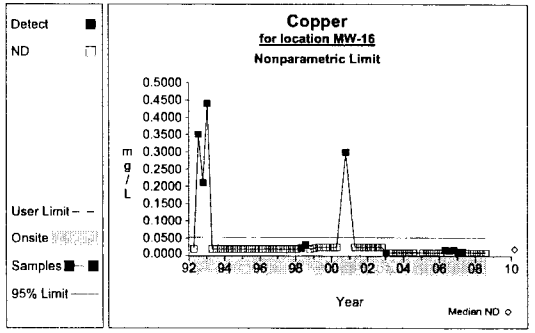

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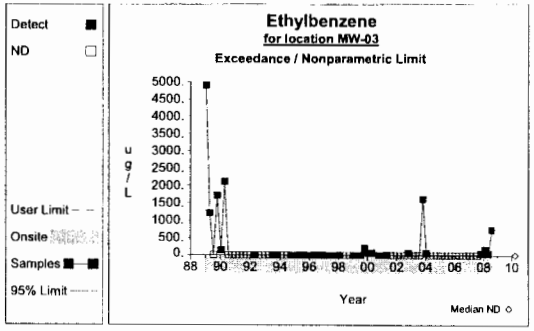
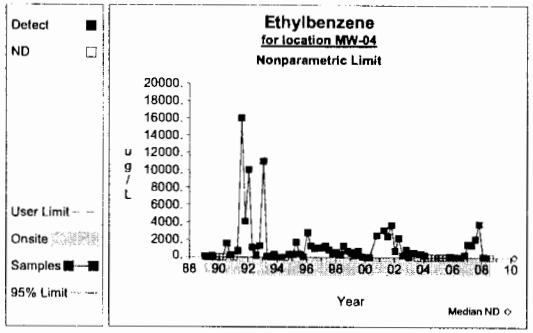
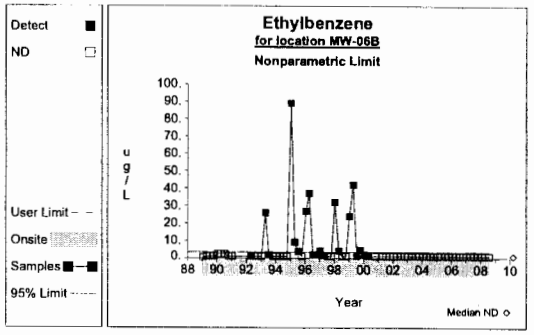
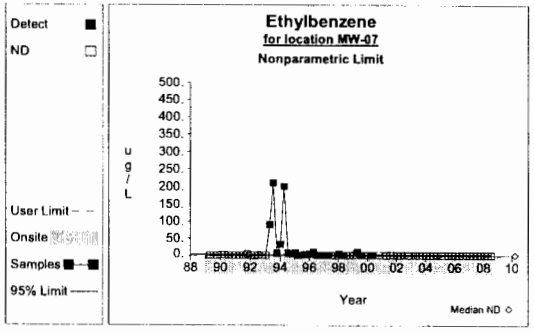
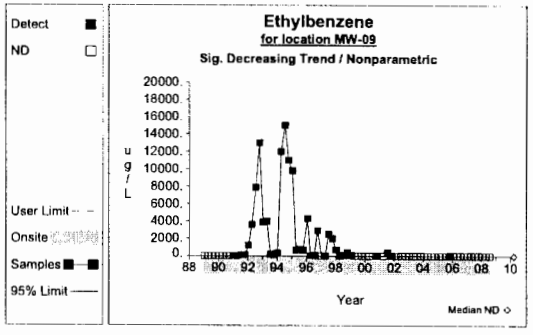
# Comparison to Background

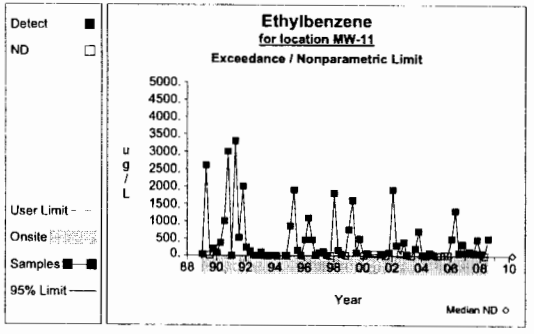


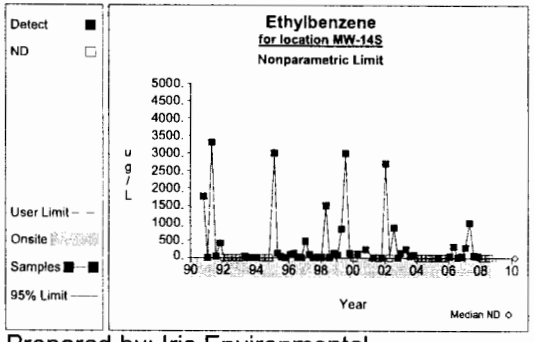



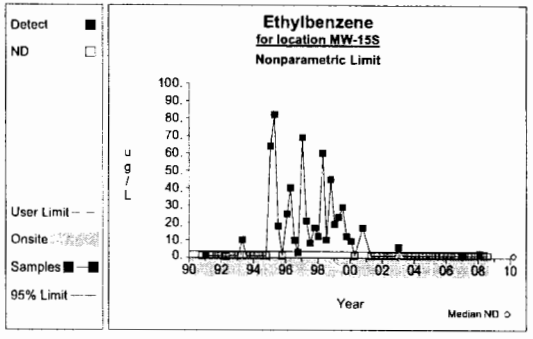



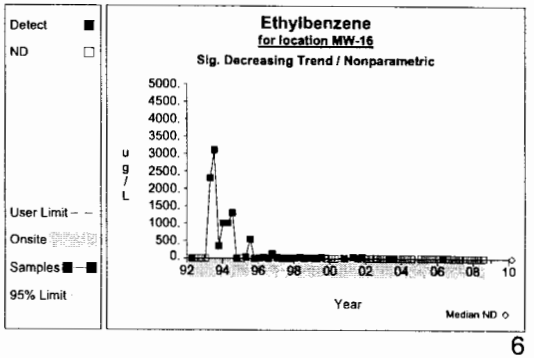



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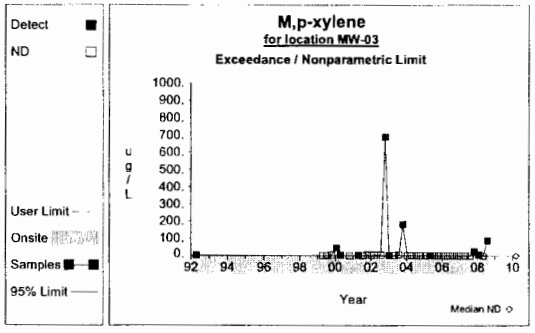


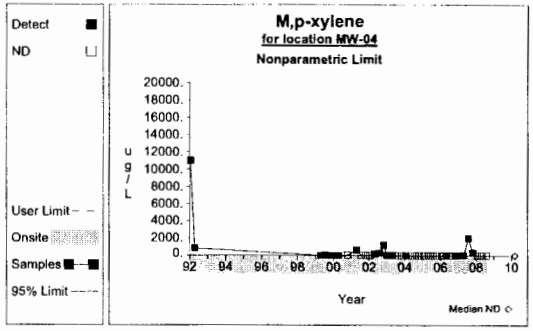


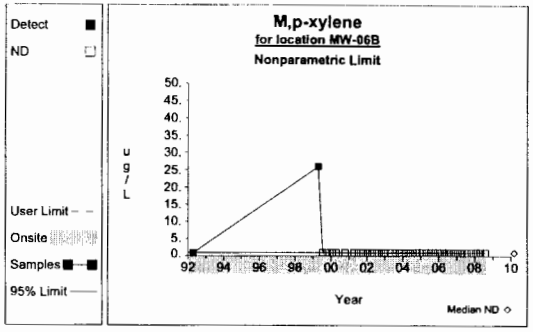


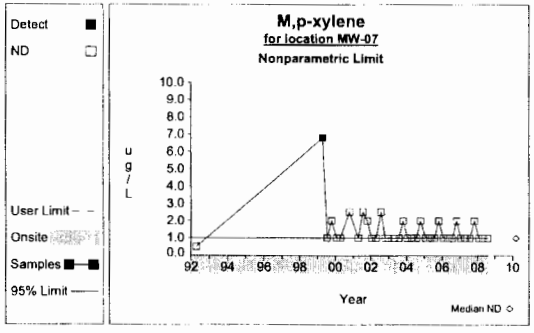


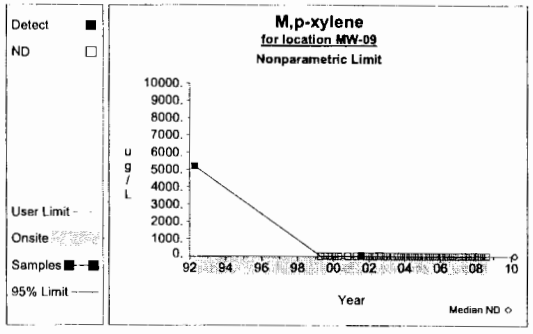


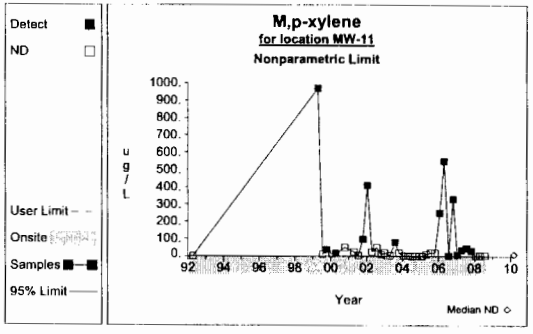


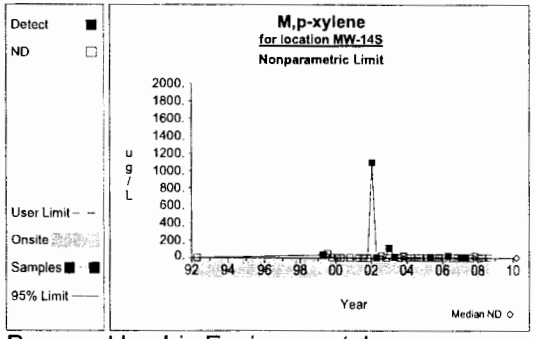


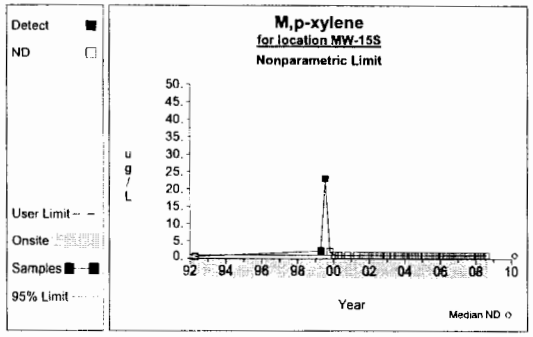


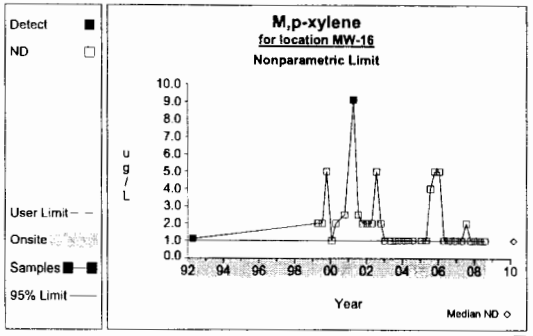

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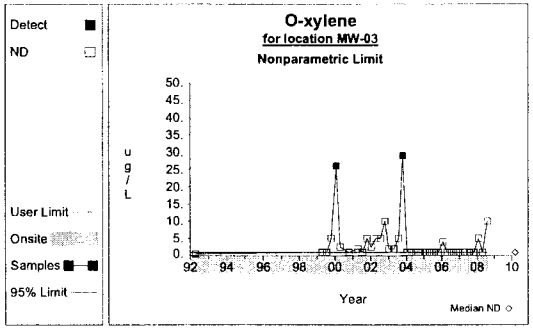
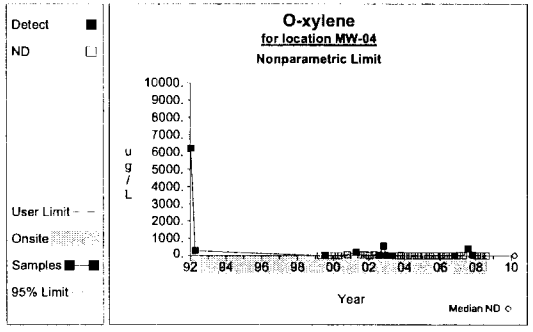
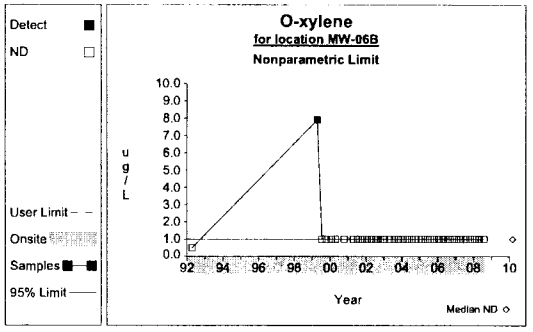
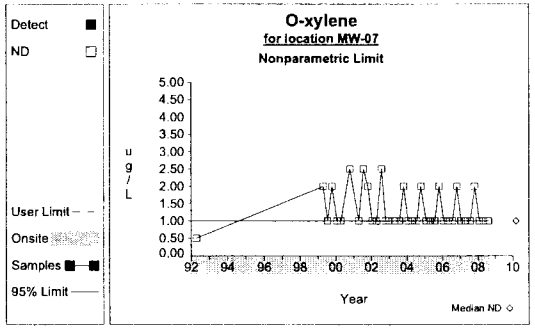
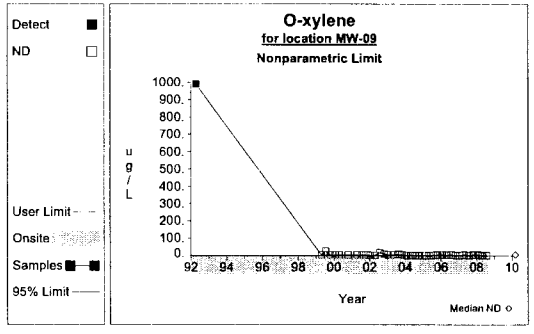
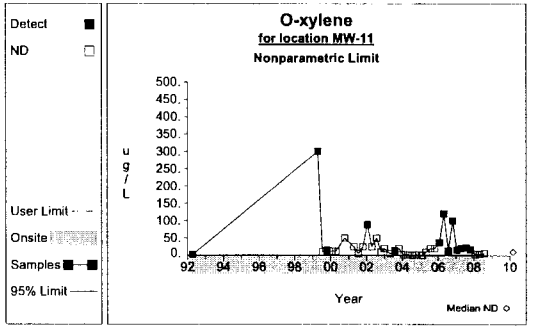


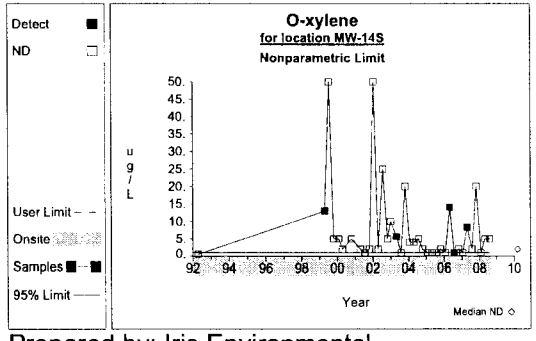



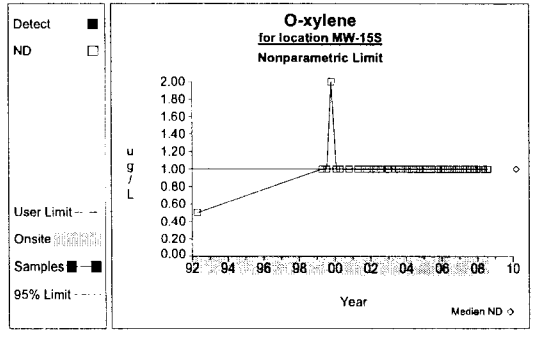



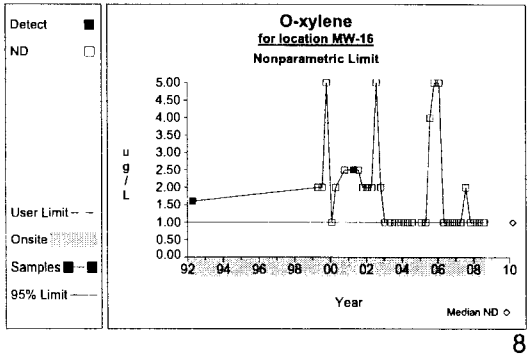



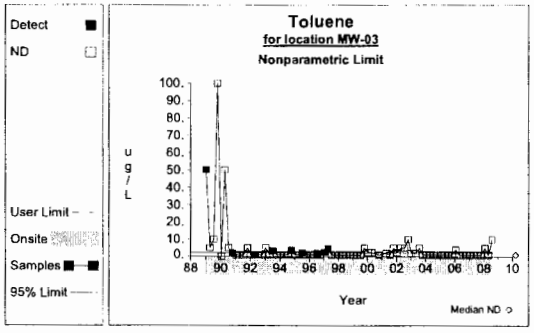



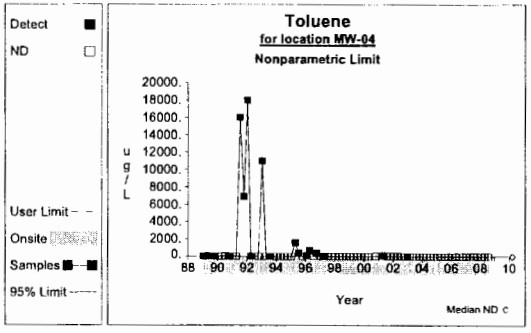



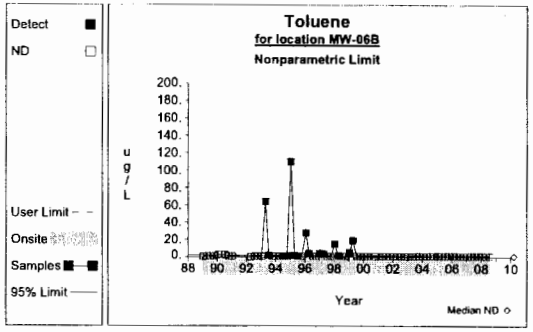
Phibro-Tech

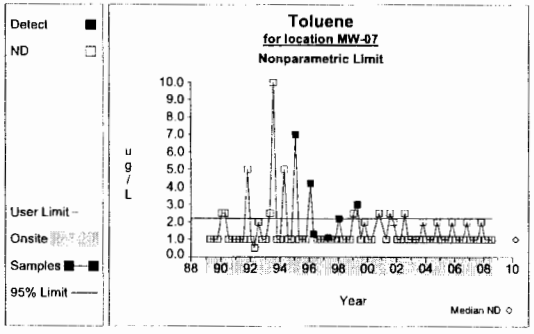
Analysis prepared on: 9/16/2008

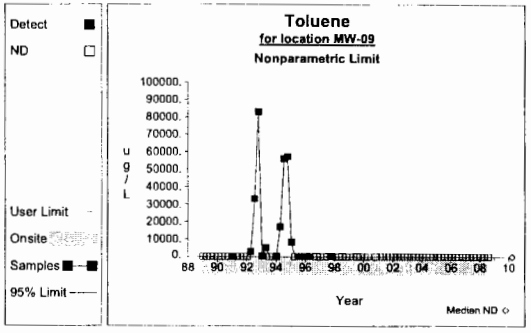
# Comparison to Background

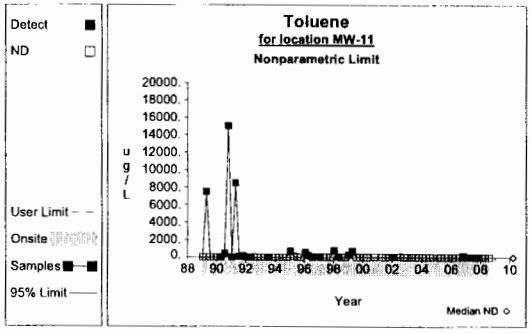


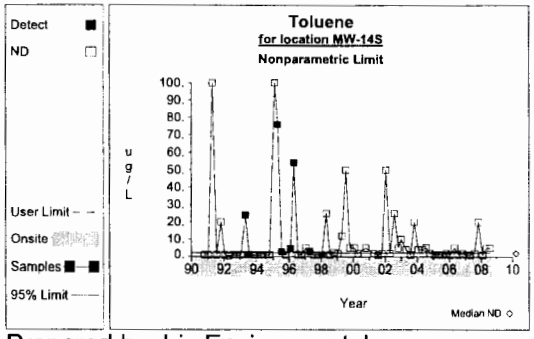



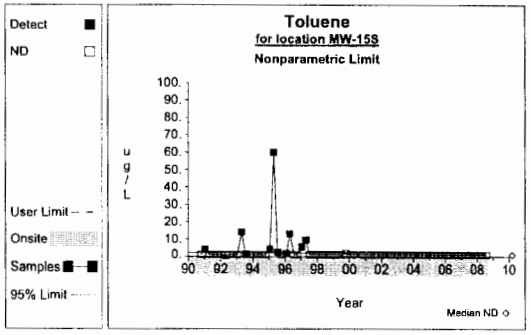



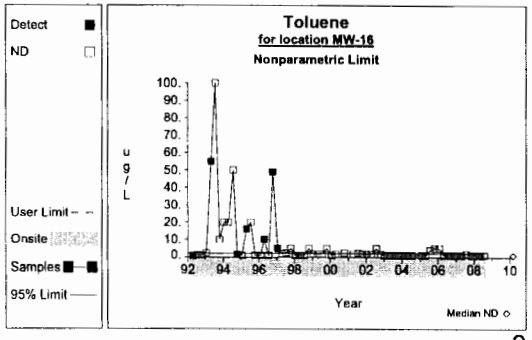



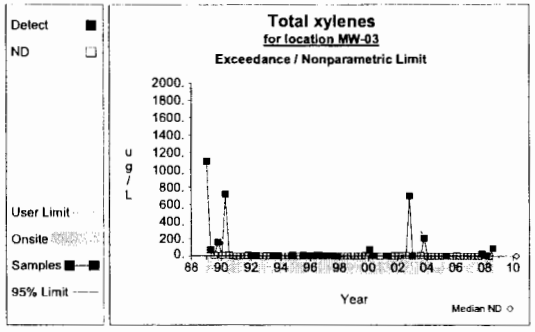



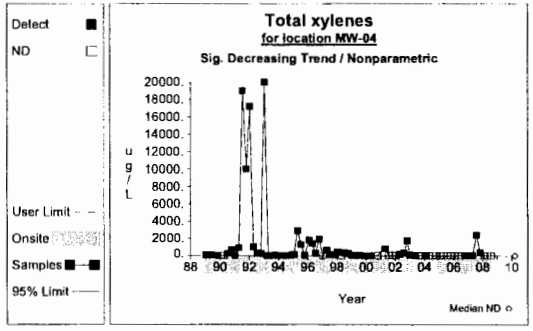



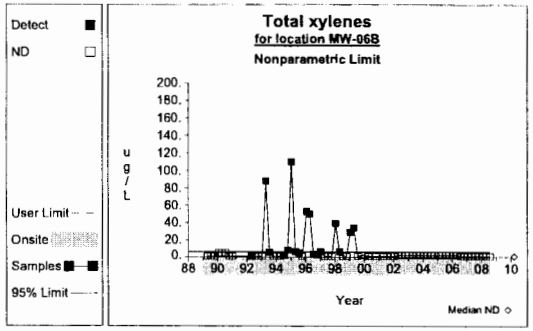



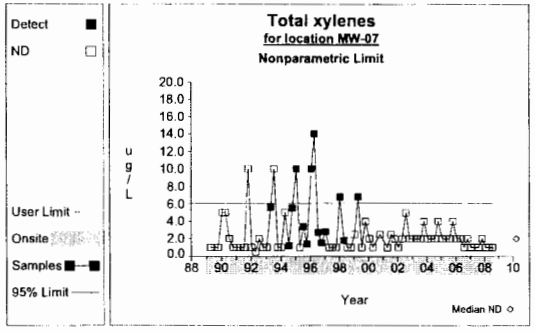

Prepared by: Iris Environmental

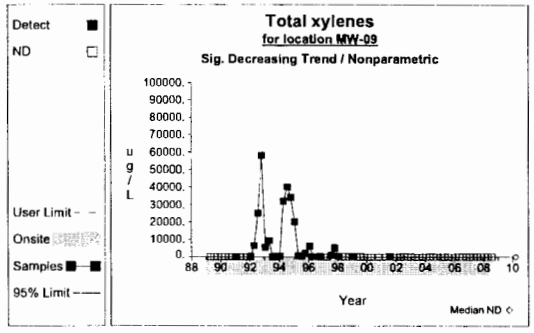
# Comparison to Background

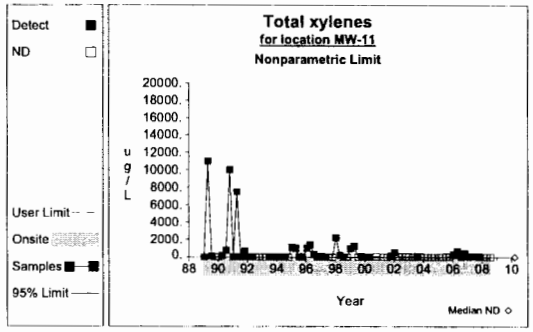


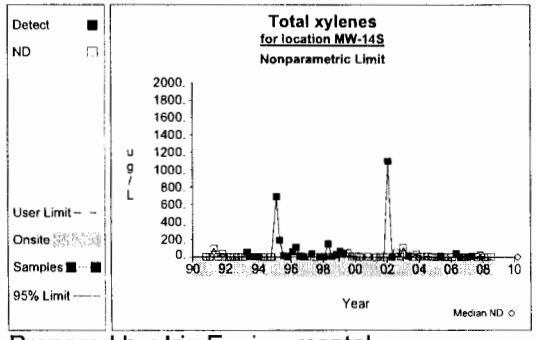



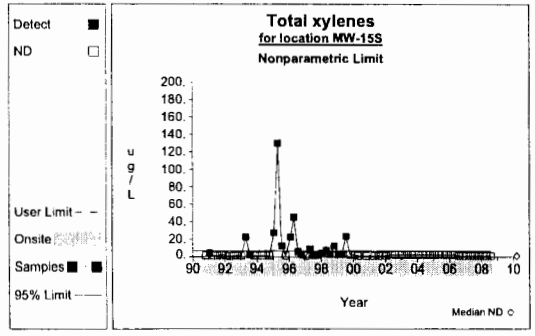



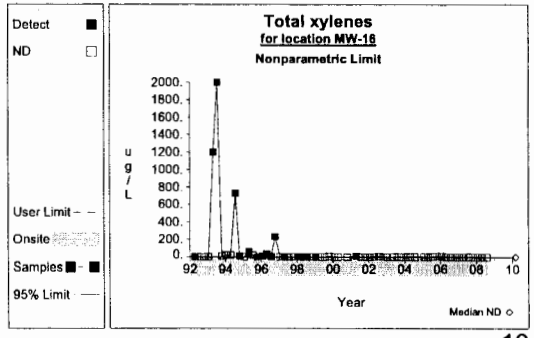



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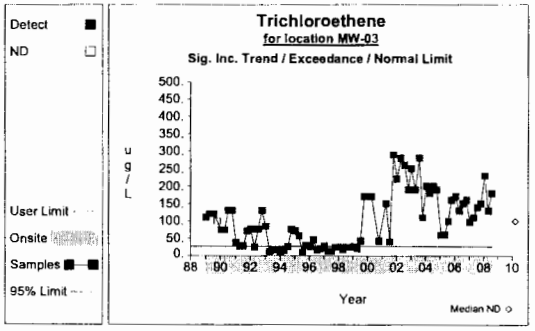
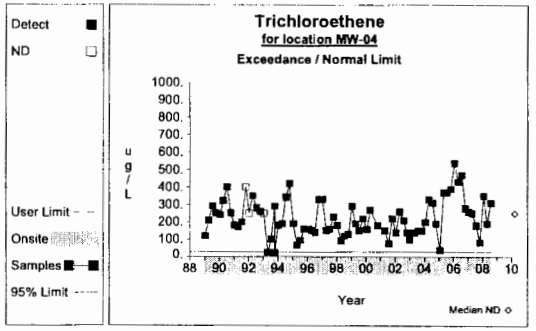
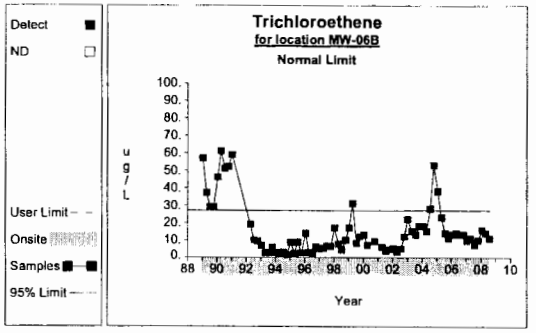
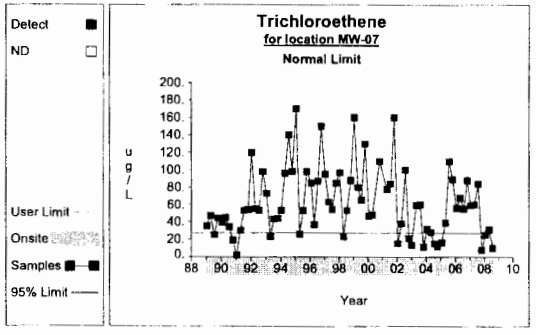
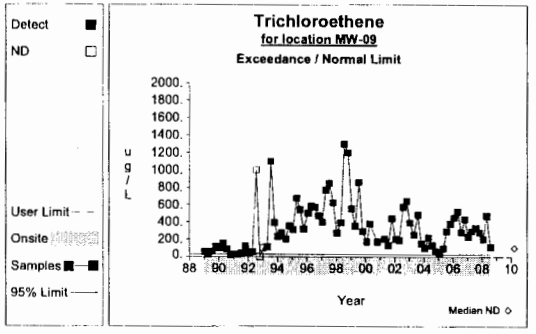
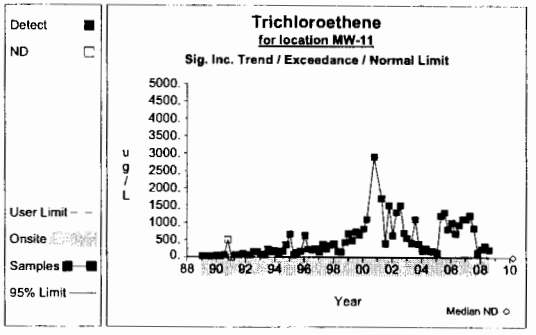


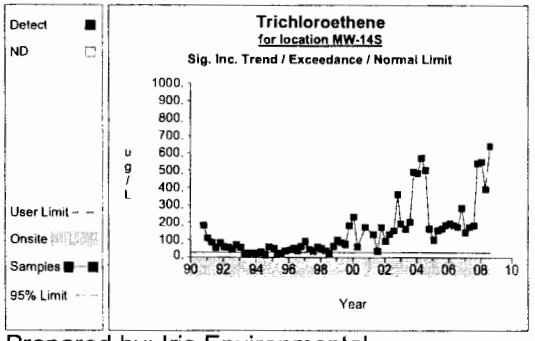



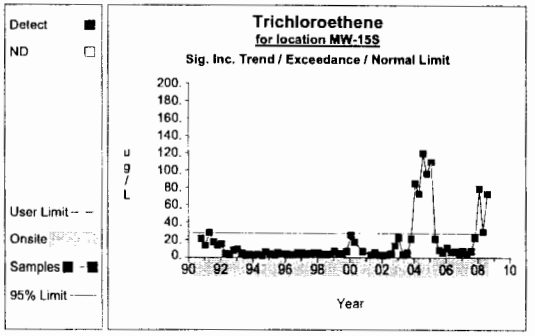



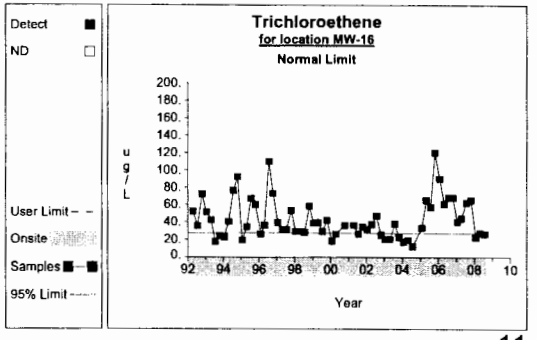



# Appendix E-2
# Statistical Evaluation of Lower Aquifer Wells

## Worksheet 1 - Comparison to Background
## Benzene (ug/L)
## Nonparametric Prediction Limit

| Step | Equation | Description |
|---|---|---|
| 1 | PL = max(X)<br>= **4.0** | Compute nonparametric prediction limit as largest background measurement. |
| 2 | K = **3** | Number of comparisons. |
| 3 | N = **70** | Number of background measurements. |
| 4 | No resampling. | |
| 5 | Confidence = **0.958** | Confidence level is based on N, K and resampling strategy (see Gibbons 1994). |

## Worksheet 1 - Comparison to Background
## Cadmium (mg/L)
## Nonparametric Prediction Limit

| Step | Equation | Description |
|---|---|---|
| 1 | PL = median(X)<br>= **0.005** | Compute nonparametric prediction limit as median reporting limit in background. |
| 2 | K = **3** | Number of comparisons. |
| 3 | N = **70** | Number of background measurements. |
| 4 | No resampling. | |
| 5 | Confidence = **0.958** | Confidence level is based on N, K and resampling strategy (see Gibbons 1994). |

## Worksheet 1 - Comparison to Background
## Chromium (mg/L)
## Nonparametric Prediction Limit

| Step | Equation | Description |
|---|---|---|
| 1 | PL = max(X)<br>= **0.025** | Compute nonparametric prediction limit as largest background measurement. |
| 2 | K = **3** | Number of comparisons. |
| 3 | N = **70** | Number of background measurements. |
| 4 | No resampling. | |
| 5 | Confidence = **0.958** | Confidence level is based on N, K and resampling strategy (see Gibbons 1994). |

## Worksheet 1 - Comparison to Background
## Chromium (vi) (mg/L)
## Nonparametric Prediction Limit

| Step | Equation | Description |
|---|---|---|
| 1 | PL = max(X) = **0.08** | Compute nonparametric prediction limit as largest background measurement. |
| 2 | K = **3** | Number of comparisons. |
| 3 | N = **70** | Number of background measurements. |
| 4 | No resampling. | |
| 5 | Confidence = **0.958** | Confidence level is based on N, K and resampling strategy (see Gibbons 1994). |

## Worksheet 1 - Comparison to Background
## Copper (mg/L)
## Nonparametric Prediction Limit

| Step | Equation | Description |
|---|---|---|
| 1 | PL = max(X)<br>= **0.047** | Compute nonparametric prediction limit as largest background measurement. |
| 2 | K = **3** | Number of comparisons. |
| 3 | N = **70** | Number of background measurements. |
| 4 | No resampling. | |
| 5 | Confidence = **0.958** | Confidence level is based on N, K and resampling strategy (see Gibbons 1994). |

## Worksheet 1 - Comparison to Background
## Ethylbenzene (ug/L)
## Nonparametric Prediction Limit

| Step | Equation | Description |
|---|---|---|
| 1 | PL = max(X)<br>= **11.0** | Compute nonparametric prediction limit as largest background measurement. |
| 2 | K = **3** | Number of comparisons. |
| 3 | N = **70** | Number of background measurements. |
| 4 | No resampling. | |
| 5 | Confidence = **0.958** | Confidence level is based on N, K and resampling strategy (see Gibbons 1994). |

## Worksheet 1 - Comparison to Background
## M,p-xylene (ug/L)
## Nonparametric Prediction Limit

| Step | Equation | Description |
|---|---|---|
| 1 | PL = max(X)<br>= **1.5** | Compute nonparametric prediction limit as largest background measurement. |
| 2 | K = **3** | Number of comparisons. |
| 3 | N = **37** | Number of background measurements. |
| 4 | No resampling. | |
| 5 | Confidence = **0.923** | Confidence level is based on N, K and resampling strategy (see Gibbons 1994). |

## Worksheet 1 - Comparison to Background
## O-xylene (ug/L)
## Nonparametric Prediction Limit

| Step | Equation | Description |
|---|---|---|
| 1 | PL = median(X)<br>= **1.0** | Compute nonparametric prediction limit as median reporting limit in background. |
| 2 | K = **3** | Number of comparisons. |
| 3 | N = **37** | Number of background measurements. |
| 4 | No resampling. | |
| 5 | Confidence = **0.923** | Confidence level is based on N, K and resampling strategy (see Gibbons 1994). |

## Worksheet 1 - Comparison to Background
## Toluene (ug/L)
## Nonparametric Prediction Limit

| Step | Equation | Description |
|---|---|---|
| 1 | PL = max(X)<br>= **7.4** | Compute nonparametric prediction limit as largest background measurement. |
| 2 | K = **3** | Number of comparisons. |
| 3 | N = **70** | Number of background measurements. |
| 4 | No resampling. | |
| 5 | Confidence = **0.958** | Confidence level is based on N, K and resampling strategy (see Gibbons 1994). |

## Worksheet 1 - Comparison to Background
## Total xylenes (ug/L)
## Nonparametric Prediction Limit

| Step | Equation | Description |
|---|---|---|
| 1 | PL = max(X)<br>= **25.0** | Compute nonparametric prediction limit as largest background measurement. |
| 2 | K = **3** | Number of comparisons. |
| 3 | N = **70** | Number of background measurements. |
| 4 | No resampling. | |
| 5 | Confidence = **0.958** | Confidence level is based on N, K and resampling strategy (see Gibbons 1994). |

## Worksheet 1 - Comparison to Background
## Trichloroethene (ug/L)
## Nonparametric Prediction Limit

| Step | Equation | Description |
|---|---|---|
| 1 | PL = max(X)<br>= **82.0** | Compute nonparametric prediction limit as largest background measurement. |
| 2 | K = **3** | Number of comparisons. |
| 3 | N = **70** | Number of background measurements. |
| 4 | No resampling. | |
| 5 | Confidence = **0.958** | Confidence level is based on N, K and resampling strategy (see Gibbons 1994). |

# Table 1

## Background Data

| Constituent | Units | Location | Date | | Result |
|---|---|---|---|---|---|
| Benzene | ug/L | MW-01D | 10/15/1990 | ND | 0.5000 |
| Benzene | ug/L | MW-01D | 01/15/1991 | ND | 0.5000 |
| Benzene | ug/L | MW-01D | 04/15/1991 | ND | 0.5000 |
| Benzene | ug/L | MW-01D | 07/15/1991 | ND | 0.5000 |
| Benzene | ug/L | MW-01D | 10/23/1991 | ND | 0.5000 |
| Benzene | ug/L | MW-01D | 01/15/1992 | ND | 1.0000 |
| Benzene | ug/L | MW-01D | 04/15/1992 | ND | 0.5000 |
| Benzene | ug/L | MW-01D | 07/15/1992 | ND | 0.5000 |
| Benzene | ug/L | MW-01D | 10/15/1992 | ND | 0.5000 |
| Benzene | ug/L | MW-01D | 01/15/1993 | ND | 0.5000 |
| Benzene | ug/L | MW-01D | 04/19/1993 | ND | 0.5000 |
| Benzene | ug/L | MW-01D | 07/12/1993 | ND | 0.5000 |
| Benzene | ug/L | MW-01D | 10/12/1993 | ND | 0.5000 |
| Benzene | ug/L | MW-01D | 01/10/1994 | ND | 0.5000 |
| Benzene | ug/L | MW-01D | 04/11/1994 | ND | 0.5000 |
| Benzene | ug/L | MW-01D | 07/18/1994 | ND | 0.5000 |
| Benzene | ug/L | MW-01D | 10/10/1994 | ND | 0.5000 |
| Benzene | ug/L | MW-01D | 01/17/1995 | ND | 0.5000 |
| Benzene | ug/L | MW-01D | 04/17/1995 | ND | 0.5000 |
| Benzene | ug/L | MW-01D | 07/10/1995 | ND | 0.5000 |
| Benzene | ug/L | MW-01D | 10/09/1995 | ND | 0.5000 |
| Benzene | ug/L | MW-01D | 01/30/1996 | ND | 0.5000 |
| Benzene | ug/L | MW-01D | 04/15/1996 | ND | 0.5000 |
| Benzene | ug/L | MW-01D | 07/15/1996 | ND | 0.5000 |
| Benzene | ug/L | MW-01D | 10/07/1996 | ND | 0.5000 |
| Benzene | ug/L | MW-01D | 01/13/1997 | ND | 0.5000 |
| Benzene | ug/L | MW-01D | 04/15/1997 | ND | 0.5000 |
| Benzene | ug/L | MW-01D | 07/08/1997 | ND | 0.5000 |
| Benzene | ug/L | MW-01D | 10/14/1997 | ND | 0.5000 |
| Benzene | ug/L | MW-01D | 01/13/1998 | ND | 0.5000 |
| Benzene | ug/L | MW-01D | 04/21/1998 | ND | 0.5000 |
| Benzene | ug/L | MW-01D | 07/15/1998 | ND | 0.5000 |
| Benzene | ug/L | MW-01D | 10/20/1998 | ND | 0.5000 |
| Benzene | ug/L | MW-01D | 01/15/1999 | ND | 0.5000 |
| Benzene | ug/L | MW-01D | 04/15/1999 | ND | 1.0000 |
| Benzene | ug/L | MW-01D | 07/15/1999 | ND | 1.0000 |
| Benzene | ug/L | MW-01D | 10/15/1999 | ND | 1.0000 |
| Benzene | ug/L | MW-01D | 01/25/2000 | ND | 1.0000 |
| Benzene | ug/L | MW-01D | 04/15/2000 | ND | 1.0000 |
| Benzene | ug/L | MW-01D | 10/15/2000 | ND | 1.0000 |
| Benzene | ug/L | MW-01D | 04/15/2001 | ND | 1.0000 |
| Benzene | ug/L | MW-01D | 07/17/2001 | ND | 1.0000 |
| Benzene | ug/L | MW-01D | 10/16/2001 | | 1.5000 |
| Benzene | ug/L | MW-01D | 01/15/2002 | | 1.6000 |

* - Outlier for that location and constituent.
ND = Not detected, result = detection limit.

# Table 1

## Background Data

| Constituent | Units | Location | Date | | Result |
|---|---|---|---|---|---|
| Benzene | ug/L | MW-01D | 04/16/2002 | ND | 1.0000 |
| Benzene | ug/L | MW-01D | 07/24/2002 | ND | 1.0000 |
| Benzene | ug/L | MW-01D | 10/22/2002 | ND | 1.0000 |
| Benzene | ug/L | MW-01D | 01/08/2003 | | 0.6700 |
| Benzene | ug/L | MW-01D | 04/23/2003 | ND | 0.5000 |
| Benzene | ug/L | MW-01D | 07/30/2003 | | 0.9800 |
| Benzene | ug/L | MW-01D | 10/21/2003 | | 1.2000 |
| Benzene | ug/L | MW-01D | 01/21/2004 | | 4.0000 |
| Benzene | ug/L | MW-01D | 04/20/2004 | | 0.5800 |
| Benzene | ug/L | MW-01D | 07/20/2004 | | 0.9800 |
| Benzene | ug/L | MW-01D | 10/11/2004 | | 1.1000 |
| Benzene | ug/L | MW-01D | 01/26/2005 | ND | 0.5000 |
| Benzene | ug/L | MW-01D | 04/26/2005 | ND | 0.5000 |
| Benzene | ug/L | MW-01D | 07/26/2005 | ND | 0.5000 |
| Benzene | ug/L | MW-01D | 10/18/2005 | ND | 0.5000 |
| Benzene | ug/L | MW-01D | 01/25/2006 | ND | 0.5000 |
| Benzene | ug/L | MW-01D | 04/25/2006 | | 0.6300 |
| Benzene | ug/L | MW-01D | 07/26/2006 | | 1.3000 |
| Benzene | ug/L | MW-01D | 10/24/2006 | | 1.2000 |
| Benzene | ug/L | MW-01D | 01/17/2007 | | 0.8900 |
| Benzene | ug/L | MW-01D | 04/17/2007 | | 0.8000 |
| Benzene | ug/L | MW-01D | 07/24/2007 | | 0.8800 |
| Benzene | ug/L | MW-01D | 10/23/2007 | | 0.8100 |
| Benzene | ug/L | MW-01D | 01/29/2008 | ND | 0.5000 |
| Benzene | ug/L | MW-01D | 04/22/2008 | ND | 0.5000 |
| Benzene | ug/L | MW-01D | 07/30/2008 | ND | 0.5000 |
| Cadmium | mg/L | MW-01D | 10/15/1990 | ND | 0.0050 |
| Cadmium | mg/L | MW-01D | 01/15/1991 | ND | 0.0050 |
| Cadmium | mg/L | MW-01D | 04/15/1991 | ND | 0.0050 |
| Cadmium | mg/L | MW-01D | 07/15/1991 | ND | 0.0050 |
| Cadmium | mg/L | MW-01D | 10/23/1991 | ND | 0.0050 |
| Cadmium | mg/L | MW-01D | 01/15/1992 | ND | 0.0027 |
| Cadmium | mg/L | MW-01D | 04/15/1992 | ND | 0.0050 |
| Cadmium | mg/L | MW-01D | 07/15/1992 | ND | 0.0050 |
| Cadmium | mg/L | MW-01D | 10/15/1992 | ND | 0.0050 |
| Cadmium | mg/L | MW-01D | 01/15/1993 | ND | 0.0050 |
| Cadmium | mg/L | MW-01D | 04/19/1993 | ND | 0.0050 |
| Cadmium | mg/L | MW-01D | 07/12/1993 | ND | 0.0050 |
| Cadmium | mg/L | MW-01D | 10/12/1993 | ND | 0.0050 |
| Cadmium | mg/L | MW-01D | 01/10/1994 | ND | 0.0050 |
| Cadmium | mg/L | MW-01D | 04/11/1994 | ND | 0.0050 |
| Cadmium | mg/L | MW-01D | 07/18/1994 | ND | 0.0050 |
| Cadmium | mg/L | MW-01D | 10/10/1994 | ND | 0.0050 |
| Cadmium | mg/L | MW-01D | 01/17/1995 | ND | 0.0050 |

* - Outlier for that location and constituent.
ND = Not detected, result = detection limit.

# Table 1

## Background Data

| Constituent | Units | Location | Date | | Result |
|---|---|---|---|---|---|
| Cadmium | mg/L | MW-01D | 04/17/1995 | ND | 0.0050 |
| Cadmium | mg/L | MW-01D | 07/10/1995 | ND | 0.0050 |
| Cadmium | mg/L | MW-01D | 10/09/1995 | ND | 0.0050 |
| Cadmium | mg/L | MW-01D | 01/30/1996 | ND | 0.0050 |
| Cadmium | mg/L | MW-01D | 04/15/1996 | ND | 0.0050 |
| Cadmium | mg/L | MW-01D | 07/15/1996 | ND | 0.0050 |
| Cadmium | mg/L | MW-01D | 10/07/1996 | ND | 0.0050 |
| Cadmium | mg/L | MW-01D | 01/13/1997 | ND | 0.0050 |
| Cadmium | mg/L | MW-01D | 04/15/1997 | ND | 0.0050 |
| Cadmium | mg/L | MW-01D | 07/08/1997 | ND | 0.0050 |
| Cadmium | mg/L | MW-01D | 10/14/1997 | ND | 0.0050 |
| Cadmium | mg/L | MW-01D | 01/13/1998 | ND | 0.0050 |
| Cadmium | mg/L | MW-01D | 04/21/1998 | ND | 0.0050 |
| Cadmium | mg/L | MW-01D | 07/15/1998 | ND | 0.0050 |
| Cadmium | mg/L | MW-01D | 10/20/1998 | ND | 0.0050 |
| Cadmium | mg/L | MW-01D | 01/15/1999 | ND | 0.0050 |
| Cadmium | mg/L | MW-01D | 04/15/1999 | ND | 0.0050 |
| Cadmium | mg/L | MW-01D | 07/15/1999 | ND | 0.0050 |
| Cadmium | mg/L | MW-01D | 10/15/1999 | ND | 0.0050 |
| Cadmium | mg/L | MW-01D | 01/25/2000 | ND | 0.0050 |
| Cadmium | mg/L | MW-01D | 04/15/2000 | ND | 0.0050 |
| Cadmium | mg/L | MW-01D | 10/15/2000 | ND | 0.0050 |
| Cadmium | mg/L | MW-01D | 04/15/2001 | ND | 0.0050 |
| Cadmium | mg/L | MW-01D | 07/17/2001 | ND | 0.0050 |
| Cadmium | mg/L | MW-01D | 10/16/2001 | ND | 0.0050 |
| Cadmium | mg/L | MW-01D | 01/15/2002 | ND | 0.0050 |
| Cadmium | mg/L | MW-01D | 04/16/2002 | ND | 0.0050 |
| Cadmium | mg/L | MW-01D | 07/24/2002 | ND | 0.0050 |
| Cadmium | mg/L | MW-01D | 10/22/2002 | ND | 0.0050 |
| Cadmium | mg/L | MW-01D | 01/08/2003 | ND | 0.0050 |
| Cadmium | mg/L | MW-01D | 04/23/2003 | ND | 0.0050 |
| Cadmium | mg/L | MW-01D | 07/30/2003 | ND | 0.0050 |
| Cadmium | mg/L | MW-01D | 10/21/2003 | ND | 0.0050 |
| Cadmium | mg/L | MW-01D | 01/21/2004 | ND | 0.0050 |
| Cadmium | mg/L | MW-01D | 04/20/2004 | ND | 0.0050 |
| Cadmium | mg/L | MW-01D | 07/20/2004 | ND | 0.0050 |
| Cadmium | mg/L | MW-01D | 10/11/2004 | ND | 0.0050 |
| Cadmium | mg/L | MW-01D | 01/26/2005 | ND | 0.0050 |
| Cadmium | mg/L | MW-01D | 04/26/2005 | ND | 0.0050 |
| Cadmium | mg/L | MW-01D | 07/26/2005 | ND | 0.0050 |
| Cadmium | mg/L | MW-01D | 10/18/2005 | ND | 0.0050 |
| Cadmium | mg/L | MW-01D | 01/25/2006 | ND | 0.0050 |
| Cadmium | mg/L | MW-01D | 04/25/2006 | ND | 0.0050 |
| Cadmium | mg/L | MW-01D | 07/26/2006 | ND | 0.0050 |

* - Outlier for that location and constituent.
ND = Not detected, result = detection limit.

# Table 1

## Background Data

| Constituent | Units | Location | Date | | Result |
|---|---|---|---|---|---|
| Cadmium | mg/L | MW-01D | 10/24/2006 | ND | 0.0050 |
| Cadmium | mg/L | MW-01D | 01/17/2007 | ND | 0.0050 |
| Cadmium | mg/L | MW-01D | 04/17/2007 | ND | 0.0050 |
| Cadmium | mg/L | MW-01D | 07/24/2007 | ND | 0.0050 |
| Cadmium | mg/L | MW-01D | 10/23/2007 | ND | 0.0050 |
| Cadmium | mg/L | MW-01D | 01/29/2008 | ND | 0.0050 |
| Cadmium | mg/L | MW-01D | 04/22/2008 | ND | 0.0050 |
| Cadmium | mg/L | MW-01D | 07/30/2008 | ND | 0.0050 |
| Chromium | mg/L | MW-01D | 10/15/1990 | | 0.0120 |
| Chromium | mg/L | MW-01D | 01/15/1991 | | 0.0250 |
| Chromium | mg/L | MW-01D | 04/15/1991 | | 0.0120 |
| Chromium | mg/L | MW-01D | 07/15/1991 | ND | 0.0100 |
| Chromium | mg/L | MW-01D | 10/23/1991 | ND | 0.0100 |
| Chromium | mg/L | MW-01D | 01/15/1992 | ND | 0.0081 |
| Chromium | mg/L | MW-01D | 04/15/1992 | ND | 0.0100 |
| Chromium | mg/L | MW-01D | 07/15/1992 | ND | 0.0100 |
| Chromium | mg/L | MW-01D | 10/15/1992 | ND | 0.0100 |
| Chromium | mg/L | MW-01D | 01/15/1993 | ND | 0.0100 |
| Chromium | mg/L | MW-01D | 04/19/1993 | ND | 0.0100 |
| Chromium | mg/L | MW-01D | 07/12/1993 | ND | 0.0100 |
| Chromium | mg/L | MW-01D | 10/12/1993 | ND | 0.0100 |
| Chromium | mg/L | MW-01D | 01/10/1994 | ND | 0.0100 |
| Chromium | mg/L | MW-01D | 04/11/1994 | ND | 0.0100 |
| Chromium | mg/L | MW-01D | 07/18/1994 | ND | 0.0100 |
| Chromium | mg/L | MW-01D | 10/10/1994 | ND | 0.0100 |
| Chromium | mg/L | MW-01D | 01/17/1995 | ND | 0.0100 |
| Chromium | mg/L | MW-01D | 04/17/1995 | ND | 0.0100 |
| Chromium | mg/L | MW-01D | 07/10/1995 | ND | 0.0100 |
| Chromium | mg/L | MW-01D | 10/09/1995 | ND | 0.0100 |
| Chromium | mg/L | MW-01D | 01/30/1996 | ND | 0.0100 |
| Chromium | mg/L | MW-01D | 04/15/1996 | ND | 0.0100 |
| Chromium | mg/L | MW-01D | 07/15/1996 | ND | 0.0100 |
| Chromium | mg/L | MW-01D | 10/07/1996 | ND | 0.0100 |
| Chromium | mg/L | MW-01D | 01/13/1997 | ND | 0.0100 |
| Chromium | mg/L | MW-01D | 04/15/1997 | ND | 0.0100 |
| Chromium | mg/L | MW-01D | 07/08/1997 | ND | 0.0100 |
| Chromium | mg/L | MW-01D | 10/14/1997 | ND | 0.0100 |
| Chromium | mg/L | MW-01D | 01/13/1998 | ND | 0.0100 |
| Chromium | mg/L | MW-01D | 04/21/1998 | ND | 0.0100 |
| Chromium | mg/L | MW-01D | 07/15/1998 | ND | 0.0100 |
| Chromium | mg/L | MW-01D | 10/20/1998 | ND | 0.0100 |
| Chromium | mg/L | MW-01D | 01/15/1999 | ND | 0.0100 |
| Chromium | mg/L | MW-01D | 04/15/1999 | ND | 0.0100 |
| Chromium | mg/L | MW-01D | 07/15/1999 | ND | 0.0100 |

* - Outlier for that location and constituent.
ND = Not detected, result = detection limit.

# Table 1

## Background Data

| Constituent | Units | Location | Date | | Result |
|---|---|---|---|---|---|
| Chromium | mg/L | MW-01D | 10/15/1999 | ND | 0.0100 |
| Chromium | mg/L | MW-01D | 01/25/2000 | | 0.0100 |
| Chromium | mg/L | MW-01D | 04/15/2000 | ND | 0.0100 |
| Chromium | mg/L | MW-01D | 10/15/2000 | ND | 0.0100 |
| Chromium | mg/L | MW-01D | 04/15/2001 | ND | 0.0100 |
| Chromium | mg/L | MW-01D | 07/17/2001 | ND | 0.0100 |
| Chromium | mg/L | MW-01D | 10/16/2001 | ND | 0.0100 |
| Chromium | mg/L | MW-01D | 01/15/2002 | ND | 0.0100 |
| Chromium | mg/L | MW-01D | 04/16/2002 | ND | 0.0100 |
| Chromium | mg/L | MW-01D | 07/24/2002 | ND | 0.0100 |
| Chromium | mg/L | MW-01D | 10/22/2002 | ND | 0.0100 |
| Chromium | mg/L | MW-01D | 01/08/2003 | | 0.0015 |
| Chromium | mg/L | MW-01D | 04/23/2003 | ND | 0.0050 |
| Chromium | mg/L | MW-01D | 07/30/2003 | | 0.0240 |
| Chromium | mg/L | MW-01D | 10/21/2003 | ND | 0.0050 |
| Chromium | mg/L | MW-01D | 01/21/2004 | ND | 0.0050 |
| Chromium | mg/L | MW-01D | 04/20/2004 | ND | 0.0050 |
| Chromium | mg/L | MW-01D | 07/20/2004 | ND | 0.0050 |
| Chromium | mg/L | MW-01D | 10/11/2004 | ND | 0.0050 |
| Chromium | mg/L | MW-01D | 01/26/2005 | | 0.0053 |
| Chromium | mg/L | MW-01D | 04/26/2005 | | 0.0110 |
| Chromium | mg/L | MW-01D | 07/26/2005 | ND | 0.0050 |
| Chromium | mg/L | MW-01D | 10/18/2005 | ND | 0.0050 |
| Chromium | mg/L | MW-01D | 01/25/2006 | ND | 0.0050 |
| Chromium | mg/L | MW-01D | 04/25/2006 | ND | 0.0050 |
| Chromium | mg/L | MW-01D | 07/26/2006 | ND | 0.0050 |
| Chromium | mg/L | MW-01D | 10/24/2006 | ND | 0.0050 |
| Chromium | mg/L | MW-01D | 01/17/2007 | ND | 0.0050 |
| Chromium | mg/L | MW-01D | 04/17/2007 | ND | 0.0050 |
| Chromium | mg/L | MW-01D | 07/24/2007 | ND | 0.0050 |
| Chromium | mg/L | MW-01D | 10/23/2007 | | 0.0120 |
| Chromium | mg/L | MW-01D | 01/29/2008 | | 0.0073 |
| Chromium | mg/L | MW-01D | 04/22/2008 | | 0.0078 |
| Chromium | mg/L | MW-01D | 07/30/2008 | | 0.0093 |
| Chromium (vi) | mg/L | MW-01D | 10/15/1990 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01D | 01/15/1991 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01D | 04/15/1991 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01D | 07/15/1991 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01D | 10/23/1991 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01D | 01/15/1992 | | 0.0800 |
| Chromium (vi) | mg/L | MW-01D | 04/15/1992 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01D | 07/15/1992 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01D | 10/15/1992 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01D | 01/15/1993 | ND | 0.0200 |

* - Outlier for that location and constituent.
ND = Not detected, result = detection limit.

# Table 1

## Background Data

| Constituent | Units | Location | Date | | Result |
|---|---|---|---|---|---|
| Chromium (vi) | mg/L | MW-01D | 04/19/1993 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01D | 07/12/1993 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01D | 10/12/1993 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01D | 01/10/1994 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01D | 04/11/1994 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01D | 07/18/1994 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01D | 10/10/1994 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01D | 01/17/1995 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01D | 04/17/1995 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01D | 07/10/1995 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01D | 10/09/1995 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01D | 01/30/1996 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01D | 04/15/1996 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01D | 07/15/1996 | ND | 0.0100 |
| Chromium (vi) | mg/L | MW-01D | 10/07/1996 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01D | 01/13/1997 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01D | 04/15/1997 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01D | 07/08/1997 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01D | 10/14/1997 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01D | 01/13/1998 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01D | 04/21/1998 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01D | 07/15/1998 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01D | 10/20/1998 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01D | 01/15/1999 | ND | 0.0100 |
| Chromium (vi) | mg/L | MW-01D | 04/15/1999 | ND | 0.0250 |
| Chromium (vi) | mg/L | MW-01D | 07/15/1999 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01D | 10/15/1999 | | 0.0140 |
| Chromium (vi) | mg/L | MW-01D | 01/25/2000 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01D | 04/15/2000 | ND | 0.0100 |
| Chromium (vi) | mg/L | MW-01D | 10/15/2000 | ND | 0.0200 |
| Chromium (vi) | mg/L | MW-01D | 04/15/2001 | | 0.0007 |
| Chromium (vi) | mg/L | MW-01D | 07/17/2001 | | 0.0055 |
| Chromium (vi) | mg/L | MW-01D | 10/16/2001 | ND | 0.0020 |
| Chromium (vi) | mg/L | MW-01D | 01/15/2002 | ND | 0.0020 |
| Chromium (vi) | mg/L | MW-01D | 04/16/2002 | ND | 0.0020 |
| Chromium (vi) | mg/L | MW-01D | 07/24/2002 | | 0.0050 |
| Chromium (vi) | mg/L | MW-01D | 10/22/2002 | ND | 0.0010 |
| Chromium (vi) | mg/L | MW-01D | 01/08/2003 | ND | 0.0010 |
| Chromium (vi) | mg/L | MW-01D | 04/23/2003 | ND | 0.0010 |
| Chromium (vi) | mg/L | MW-01D | 07/30/2003 | ND | 0.0010 |
| Chromium (vi) | mg/L | MW-01D | 10/21/2003 | ND | 0.0010 |
| Chromium (vi) | mg/L | MW-01D | 01/21/2004 | ND | 0.0010 |
| Chromium (vi) | mg/L | MW-01D | 04/20/2004 | ND | 0.0010 |
| Chromium (vi) | mg/L | MW-01D | 07/20/2004 | ND | 0.0010 |

* - Outlier for that location and constituent.
ND = Not detected, result = detection limit.

# Table 1

## Background Data

| Constituent | Units | Location | Date | | Result |
|---|---|---|---|---|---|
| Chromium (vi) | mg/L | MW-01D | 10/11/2004 | ND | 0.0010 |
| Chromium (vi) | mg/L | MW-01D | 01/26/2005 | | 0.0026 |
| Chromium (vi) | mg/L | MW-01D | 04/26/2005 | | 0.0100 |
| Chromium (vi) | mg/L | MW-01D | 07/26/2005 | | 0.0011 |
| Chromium (vi) | mg/L | MW-01D | 10/18/2005 | ND | 0.0010 |
| Chromium (vi) | mg/L | MW-01D | 01/25/2006 | ND | 0.0010 |
| Chromium (vi) | mg/L | MW-01D | 04/25/2006 | ND | 0.0010 |
| Chromium (vi) | mg/L | MW-01D | 07/26/2006 | | 0.0013 |
| Chromium (vi) | mg/L | MW-01D | 10/24/2006 | ND | 0.0010 |
| Chromium (vi) | mg/L | MW-01D | 01/17/2007 | | 0.0012 |
| Chromium (vi) | mg/L | MW-01D | 04/17/2007 | ND | 0.0010 |
| Chromium (vi) | mg/L | MW-01D | 07/24/2007 | | 0.0011 |
| Chromium (vi) | mg/L | MW-01D | 10/23/2007 | | 0.0090 |
| Chromium (vi) | mg/L | MW-01D | 01/29/2008 | | 0.0062 |
| Chromium (vi) | mg/L | MW-01D | 04/22/2008 | | 0.0066 |
| Chromium (vi) | mg/L | MW-01D | 07/30/2008 | | 0.0088 |
| Copper | mg/L | MW-01D | 10/15/1990 | ND | 0.0200 |
| Copper | mg/L | MW-01D | 01/15/1991 | ND | 0.0200 |
| Copper | mg/L | MW-01D | 04/15/1991 | ND | 0.0200 |
| Copper | mg/L | MW-01D | 07/15/1991 | ND | 0.0200 |
| Copper | mg/L | MW-01D | 10/23/1991 | ND | 0.0100 |
| Copper | mg/L | MW-01D | 01/15/1992 | | 0.0200 |
| Copper | mg/L | MW-01D | 04/15/1992 | ND | 0.0200 |
| Copper | mg/L | MW-01D | 07/15/1992 | ND | 0.0200 |
| Copper | mg/L | MW-01D | 10/15/1992 | ND | 0.0200 |
| Copper | mg/L | MW-01D | 01/15/1993 | ND | 0.0200 |
| Copper | mg/L | MW-01D | 04/19/1993 | | 0.0210 |
| Copper | mg/L | MW-01D | 07/12/1993 | ND | 0.0200 |
| Copper | mg/L | MW-01D | 10/12/1993 | ND | 0.0200 |
| Copper | mg/L | MW-01D | 01/10/1994 | ND | 0.0200 |
| Copper | mg/L | MW-01D | 04/11/1994 | ND | 0.0200 |
| Copper | mg/L | MW-01D | 07/18/1994 | ND | 0.0200 |
| Copper | mg/L | MW-01D | 10/10/1994 | ND | 0.0200 |
| Copper | mg/L | MW-01D | 01/17/1995 | ND | 0.0200 |
| Copper | mg/L | MW-01D | 04/17/1995 | ND | 0.0200 |
| Copper | mg/L | MW-01D | 07/10/1995 | ND | 0.0200 |
| Copper | mg/L | MW-01D | 10/09/1995 | ND | 0.0200 |
| Copper | mg/L | MW-01D | 01/30/1996 | ND | 0.0200 |
| Copper | mg/L | MW-01D | 04/15/1996 | ND | 0.0200 |
| Copper | mg/L | MW-01D | 07/15/1996 | ND | 0.0200 |
| Copper | mg/L | MW-01D | 10/07/1996 | ND | 0.0200 |
| Copper | mg/L | MW-01D | 01/13/1997 | ND | 0.0200 |
| Copper | mg/L | MW-01D | 04/15/1997 | ND | 0.0200 |
| Copper | mg/L | MW-01D | 07/08/1997 | ND | 0.0200 |

* - Outlier for that location and constituent.
ND = Not detected, result = detection limit.

# Table 1

## Background Data

| Constituent | Units | Location | Date | | Result |
|---|---|---|---|---|---|
| Copper | mg/L | MW-01D | 10/14/1997 | ND | 0.0200 |
| Copper | mg/L | MW-01D | 01/13/1998 | ND | 0.0200 |
| Copper | mg/L | MW-01D | 04/21/1998 | ND | 0.0200 |
| Copper | mg/L | MW-01D | 07/15/1998 | ND | 0.0200 |
| Copper | mg/L | MW-01D | 10/20/1998 | ND | 0.0200 |
| Copper | mg/L | MW-01D | 01/15/1999 | ND | 0.0200 |
| Copper | mg/L | MW-01D | 04/15/1999 | ND | 0.0250 |
| Copper | mg/L | MW-01D | 07/15/1999 | ND | 0.0250 |
| Copper | mg/L | MW-01D | 10/15/1999 | ND | 0.0250 |
| Copper | mg/L | MW-01D | 01/25/2000 | ND | 0.0250 |
| Copper | mg/L | MW-01D | 04/15/2000 | ND | 0.0250 |
| Copper | mg/L | MW-01D | 10/15/2000 | | 0.0250 |
| Copper | mg/L | MW-01D | 04/15/2001 | ND | 0.0250 |
| Copper | mg/L | MW-01D | 07/17/2001 | ND | 0.0250 |
| Copper | mg/L | MW-01D | 10/16/2001 | ND | 0.0250 |
| Copper | mg/L | MW-01D | 01/15/2002 | ND | 0.0250 |
| Copper | mg/L | MW-01D | 04/16/2002 | ND | 0.0250 |
| Copper | mg/L | MW-01D | 07/24/2002 | ND | 0.0250 |
| Copper | mg/L | MW-01D | 10/22/2002 | ND | 0.0250 |
| Copper | mg/L | MW-01D | 01/08/2003 | | 0.0220 |
| Copper | mg/L | MW-01D | 04/23/2003 | ND | 0.0100 |
| Copper | mg/L | MW-01D | 07/30/2003 | | 0.0130 |
| Copper | mg/L | MW-01D | 10/21/2003 | | 0.0210 |
| Copper | mg/L | MW-01D | 01/21/2004 | ND | 0.0100 |
| Copper | mg/L | MW-01D | 04/20/2004 | | 0.0410 |
| Copper | mg/L | MW-01D | 07/20/2004 | ND | 0.0100 |
| Copper | mg/L | MW-01D | 10/11/2004 | ND | 0.0100 |
| Copper | mg/L | MW-01D | 01/26/2005 | | 0.0130 |
| Copper | mg/L | MW-01D | 04/26/2005 | | 0.0150 |
| Copper | mg/L | MW-01D | 07/26/2005 | | 0.0200 |
| Copper | mg/L | MW-01D | 10/18/2005 | | 0.0190 |
| Copper | mg/L | MW-01D | 01/25/2006 | | 0.0220 |
| Copper | mg/L | MW-01D | 04/25/2006 | | 0.0190 |
| Copper | mg/L | MW-01D | 07/26/2006 | | 0.0190 |
| Copper | mg/L | MW-01D | 10/24/2006 | | 0.0310 |
| Copper | mg/L | MW-01D | 01/17/2007 | | 0.0400 |
| Copper | mg/L | MW-01D | 04/17/2007 | | 0.0410 |
| Copper | mg/L | MW-01D | 07/24/2007 | | 0.0450 |
| Copper | mg/L | MW-01D | 10/23/2007 | | 0.0340 |
| Copper | mg/L | MW-01D | 01/29/2008 | | 0.0160 |
| Copper | mg/L | MW-01D | 04/22/2008 | | 0.0240 |
| Copper | mg/L | MW-01D | 07/30/2008 | | 0.0470 |
| Ethylbenzene | ug/L | MW-01D | 10/15/1990 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01D | 01/15/1991 | ND | 1.0000 |

* - Outlier for that location and constituent.
ND = Not detected, result = detection limit.

# Table 1

## Background Data

| Constituent | Units | Location | Date | | Result |
|---|---|---|---|---|---|
| Ethylbenzene | ug/L | MW-01D | 04/15/1991 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01D | 07/15/1991 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01D | 10/23/1991 | ND | 0.5000 |
| Ethylbenzene | ug/L | MW-01D | 01/15/1992 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01D | 04/15/1992 | ND | 0.5000 |
| Ethylbenzene | ug/L | MW-01D | 07/15/1992 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01D | 10/15/1992 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01D | 01/15/1993 | | 11.0000 |
| Ethylbenzene | ug/L | MW-01D | 04/19/1993 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01D | 07/12/1993 | | 3.0000 |
| Ethylbenzene | ug/L | MW-01D | 10/12/1993 | | 2.1000 |
| Ethylbenzene | ug/L | MW-01D | 01/10/1994 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01D | 04/11/1994 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01D | 07/18/1994 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01D | 10/10/1994 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01D | 01/17/1995 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01D | 04/17/1995 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01D | 07/10/1995 | | 6.0000 |
| Ethylbenzene | ug/L | MW-01D | 10/09/1995 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01D | 01/30/1996 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01D | 04/15/1996 | | 4.1000 |
| Ethylbenzene | ug/L | MW-01D | 07/15/1996 | | 3.5000 |
| Ethylbenzene | ug/L | MW-01D | 10/07/1996 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01D | 01/13/1997 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01D | 04/15/1997 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01D | 07/08/1997 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01D | 10/14/1997 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01D | 01/13/1998 | | 1.1000 |
| Ethylbenzene | ug/L | MW-01D | 04/21/1998 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01D | 07/15/1998 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01D | 10/20/1998 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01D | 01/15/1999 | | 1.0000 |
| Ethylbenzene | ug/L | MW-01D | 04/15/1999 | | 1.6000 |
| Ethylbenzene | ug/L | MW-01D | 07/15/1999 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01D | 10/15/1999 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01D | 01/25/2000 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01D | 04/15/2000 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01D | 10/15/2000 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01D | 04/15/2001 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01D | 07/17/2001 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01D | 10/16/2001 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01D | 01/15/2002 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01D | 04/16/2002 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01D | 07/24/2002 | ND | 1.0000 |

* - Outlier for that location and constituent.
ND = Not detected, result = detection limit.

# Table 1

## Background Data

| Constituent | Units | Location | Date | | Result |
|---|---|---|---|---|---|
| Ethylbenzene | ug/L | MW-01D | 10/22/2002 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01D | 01/08/2003 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01D | 04/23/2003 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01D | 07/30/2003 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01D | 10/21/2003 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01D | 01/21/2004 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01D | 04/20/2004 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01D | 07/20/2004 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01D | 10/11/2004 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01D | 01/26/2005 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01D | 04/26/2005 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01D | 07/26/2005 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01D | 10/18/2005 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01D | 01/25/2006 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01D | 04/25/2006 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01D | 07/26/2006 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01D | 10/24/2006 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01D | 01/17/2007 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01D | 04/17/2007 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01D | 07/24/2007 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01D | 10/23/2007 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01D | 01/29/2008 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01D | 04/22/2008 | ND | 1.0000 |
| Ethylbenzene | ug/L | MW-01D | 07/30/2008 | ND | 1.0000 |
| M,p-xylene | ug/L | MW-01D | 04/15/1992 | ND | 0.5000 |
| M,p-xylene | ug/L | MW-01D | 04/15/1999 | ND | 1.0000 |
| M,p-xylene | ug/L | MW-01D | 07/15/1999 | ND | 1.0000 |
| M,p-xylene | ug/L | MW-01D | 10/15/1999 | ND | 1.0000 |
| M,p-xylene | ug/L | MW-01D | 01/25/2000 | ND | 1.0000 |
| M,p-xylene | ug/L | MW-01D | 04/15/2000 | ND | 1.0000 |
| M,p-xylene | ug/L | MW-01D | 10/15/2000 | ND | 1.0000 |
| M,p-xylene | ug/L | MW-01D | 04/15/2001 | ND | 1.0000 |
| M,p-xylene | ug/L | MW-01D | 07/17/2001 | ND | 1.0000 |
| M,p-xylene | ug/L | MW-01D | 10/16/2001 | | 1.5000 |
| M,p-xylene | ug/L | MW-01D | 01/15/2002 | ND | 1.0000 |
| M,p-xylene | ug/L | MW-01D | 04/16/2002 | ND | 1.0000 |
| M,p-xylene | ug/L | MW-01D | 07/24/2002 | ND | 1.0000 |
| M,p-xylene | ug/L | MW-01D | 10/22/2002 | ND | 1.0000 |
| M,p-xylene | ug/L | MW-01D | 01/08/2003 | ND | 1.0000 |
| M,p-xylene | ug/L | MW-01D | 04/23/2003 | ND | 1.0000 |
| M,p-xylene | ug/L | MW-01D | 07/30/2003 | ND | 1.0000 |
| M,p-xylene | ug/L | MW-01D | 10/21/2003 | ND | 1.0000 |
| M,p-xylene | ug/L | MW-01D | 01/21/2004 | ND | 1.0000 |
| M,p-xylene | ug/L | MW-01D | 04/20/2004 | ND | 1.0000 |

* - Outlier for that location and constituent.
ND = Not detected, result = detection limit.

# Table 1

## Background Data

| Constituent | Units | Location | Date | | Result |
|---|---|---|---|---|---|
| M,p-xylene | ug/L | MW-01D | 07/20/2004 | ND | 1.0000 |
| M,p-xylene | ug/L | MW-01D | 10/11/2004 | ND | 1.0000 |
| M,p-xylene | ug/L | MW-01D | 01/26/2005 | ND | 1.0000 |
| M,p-xylene | ug/L | MW-01D | 04/26/2005 | ND | 1.0000 |
| M,p-xylene | ug/L | MW-01D | 07/26/2005 | ND | 1.0000 |
| M,p-xylene | ug/L | MW-01D | 10/18/2005 | ND | 1.0000 |
| M,p-xylene | ug/L | MW-01D | 01/25/2006 | ND | 1.0000 |
| M,p-xylene | ug/L | MW-01D | 04/25/2006 | ND | 1.0000 |
| M,p-xylene | ug/L | MW-01D | 07/26/2006 | ND | 1.0000 |
| M,p-xylene | ug/L | MW-01D | 10/24/2006 | ND | 1.0000 |
| M,p-xylene | ug/L | MW-01D | 01/17/2007 | ND | 1.0000 |
| M,p-xylene | ug/L | MW-01D | 04/17/2007 | ND | 1.0000 |
| M,p-xylene | ug/L | MW-01D | 07/24/2007 | ND | 1.0000 |
| M,p-xylene | ug/L | MW-01D | 10/23/2007 | ND | 1.0000 |
| M,p-xylene | ug/L | MW-01D | 01/29/2008 | ND | 1.0000 |
| M,p-xylene | ug/L | MW-01D | 04/22/2008 | ND | 1.0000 |
| M,p-xylene | ug/L | MW-01D | 07/30/2008 | ND | 1.0000 |
| O-xylene | ug/L | MW-01D | 04/15/1992 | ND | 0.5000 |
| O-xylene | ug/L | MW-01D | 04/15/1999 | ND | 1.0000 |
| O-xylene | ug/L | MW-01D | 07/15/1999 | ND | 1.0000 |
| O-xylene | ug/L | MW-01D | 10/15/1999 | ND | 1.0000 |
| O-xylene | ug/L | MW-01D | 01/25/2000 | ND | 1.0000 |
| O-xylene | ug/L | MW-01D | 04/15/2000 | ND | 1.0000 |
| O-xylene | ug/L | MW-01D | 10/15/2000 | ND | 1.0000 |
| O-xylene | ug/L | MW-01D | 04/15/2001 | ND | 1.0000 |
| O-xylene | ug/L | MW-01D | 07/17/2001 | ND | 1.0000 |
| O-xylene | ug/L | MW-01D | 10/16/2001 | ND | 1.0000 |
| O-xylene | ug/L | MW-01D | 01/15/2002 | ND | 1.0000 |
| O-xylene | ug/L | MW-01D | 04/16/2002 | ND | 1.0000 |
| O-xylene | ug/L | MW-01D | 07/24/2002 | ND | 1.0000 |
| O-xylene | ug/L | MW-01D | 10/22/2002 | ND | 1.0000 |
| O-xylene | ug/L | MW-01D | 01/08/2003 | ND | 1.0000 |
| O-xylene | ug/L | MW-01D | 04/23/2003 | ND | 1.0000 |
| O-xylene | ug/L | MW-01D | 07/30/2003 | ND | 1.0000 |
| O-xylene | ug/L | MW-01D | 10/21/2003 | ND | 1.0000 |
| O-xylene | ug/L | MW-01D | 01/21/2004 | ND | 1.0000 |
| O-xylene | ug/L | MW-01D | 04/20/2004 | ND | 1.0000 |
| O-xylene | ug/L | MW-01D | 07/20/2004 | ND | 1.0000 |
| O-xylene | ug/L | MW-01D | 10/11/2004 | ND | 1.0000 |
| O-xylene | ug/L | MW-01D | 01/26/2005 | ND | 1.0000 |
| O-xylene | ug/L | MW-01D | 04/26/2005 | ND | 1.0000 |
| O-xylene | ug/L | MW-01D | 07/26/2005 | ND | 1.0000 |
| O-xylene | ug/L | MW-01D | 10/18/2005 | ND | 1.0000 |
| O-xylene | ug/L | MW-01D | 01/25/2006 | ND | 1.0000 |

* - Outlier for that location and constituent.
ND = Not detected, result = detection limit.

# Table 1

## Background Data

| Constituent | Units | Location | Date | | Result |
|---|---|---|---|---|---|
| O-xylene | ug/L | MW-01D | 04/25/2006 | ND | 1.0000 |
| O-xylene | ug/L | MW-01D | 07/26/2006 | ND | 1.0000 |
| O-xylene | ug/L | MW-01D | 10/24/2006 | ND | 1.0000 |
| O-xylene | ug/L | MW-01D | 01/17/2007 | ND | 1.0000 |
| O-xylene | ug/L | MW-01D | 04/17/2007 | ND | 1.0000 |
| O-xylene | ug/L | MW-01D | 07/24/2007 | ND | 1.0000 |
| O-xylene | ug/L | MW-01D | 10/23/2007 | ND | 1.0000 |
| O-xylene | ug/L | MW-01D | 01/29/2008 | ND | 1.0000 |
| O-xylene | ug/L | MW-01D | 04/22/2008 | ND | 1.0000 |
| O-xylene | ug/L | MW-01D | 07/30/2008 | ND | 1.0000 |
| Toluene | ug/L | MW-01D | 10/15/1990 | ND | 1.0000 |
| Toluene | ug/L | MW-01D | 01/15/1991 | ND | 1.0000 |
| Toluene | ug/L | MW-01D | 04/15/1991 | ND | 1.0000 |
| Toluene | ug/L | MW-01D | 07/15/1991 | ND | 1.0000 |
| Toluene | ug/L | MW-01D | 10/23/1991 | ND | 0.5000 |
| Toluene | ug/L | MW-01D | 01/15/1992 | ND | 1.0000 |
| Toluene | ug/L | MW-01D | 04/15/1992 | ND | 0.5000 |
| Toluene | ug/L | MW-01D | 07/15/1992 | ND | 1.0000 |
| Toluene | ug/L | MW-01D | 10/15/1992 | ND | 1.0000 |
| Toluene | ug/L | MW-01D | 01/15/1993 | | 7.4000 |
| Toluene | ug/L | MW-01D | 04/19/1993 | ND | 1.0000 |
| Toluene | ug/L | MW-01D | 07/12/1993 | | 3.5000 |
| Toluene | ug/L | MW-01D | 10/12/1993 | ND | 1.0000 |
| Toluene | ug/L | MW-01D | 01/10/1994 | ND | 1.0000 |
| Toluene | ug/L | MW-01D | 04/11/1994 | ND | 1.0000 |
| Toluene | ug/L | MW-01D | 07/18/1994 | | 1.5000 |
| Toluene | ug/L | MW-01D | 10/10/1994 | ND | 1.0000 |
| Toluene | ug/L | MW-01D | 01/17/1995 | ND | 1.0000 |
| Toluene | ug/L | MW-01D | 04/17/1995 | ND | 1.0000 |
| Toluene | ug/L | MW-01D | 07/10/1995 | | 2.4000 |
| Toluene | ug/L | MW-01D | 10/09/1995 | ND | 1.0000 |
| Toluene | ug/L | MW-01D | 01/30/1996 | ND | 1.0000 |
| Toluene | ug/L | MW-01D | 04/15/1996 | ND | 1.0000 |
| Toluene | ug/L | MW-01D | 07/15/1996 | ND | 1.0000 |
| Toluene | ug/L | MW-01D | 10/07/1996 | ND | 1.0000 |
| Toluene | ug/L | MW-01D | 01/13/1997 | ND | 1.0000 |
| Toluene | ug/L | MW-01D | 04/15/1997 | | 2.3000 |
| Toluene | ug/L | MW-01D | 07/08/1997 | ND | 1.0000 |
| Toluene | ug/L | MW-01D | 10/14/1997 | ND | 1.0000 |
| Toluene | ug/L | MW-01D | 01/13/1998 | ND | 1.0000 |
| Toluene | ug/L | MW-01D | 04/21/1998 | ND | 1.0000 |
| Toluene | ug/L | MW-01D | 07/15/1998 | ND | 1.0000 |
| Toluene | ug/L | MW-01D | 10/20/1998 | ND | 1.0000 |
| Toluene | ug/L | MW-01D | 01/15/1999 | ND | 1.0000 |

* - Outlier for that location and constituent.
ND = Not detected, result = detection limit.

# Table 1

## Background Data

| Constituent | Units | Location | Date | | Result |
|---|---|---|---|---|---|
| Toluene | ug/L | MW-01D | 04/15/1999 | ND | 1.0000 |
| Toluene | ug/L | MW-01D | 07/15/1999 | ND | 1.0000 |
| Toluene | ug/L | MW-01D | 10/15/1999 | ND | 1.0000 |
| Toluene | ug/L | MW-01D | 01/25/2000 | ND | 1.0000 |
| Toluene | ug/L | MW-01D | 04/15/2000 | | 1.7000 |
| Toluene | ug/L | MW-01D | 10/15/2000 | ND | 1.0000 |
| Toluene | ug/L | MW-01D | 04/15/2001 | ND | 1.0000 |
| Toluene | ug/L | MW-01D | 07/17/2001 | ND | 1.0000 |
| Toluene | ug/L | MW-01D | 10/16/2001 | ND | 1.0000 |
| Toluene | ug/L | MW-01D | 01/15/2002 | ND | 1.0000 |
| Toluene | ug/L | MW-01D | 04/16/2002 | ND | 1.0000 |
| Toluene | ug/L | MW-01D | 07/24/2002 | ND | 1.0000 |
| Toluene | ug/L | MW-01D | 10/22/2002 | ND | 1.0000 |
| Toluene | ug/L | MW-01D | 01/08/2003 | ND | 1.0000 |
| Toluene | ug/L | MW-01D | 04/23/2003 | ND | 1.0000 |
| Toluene | ug/L | MW-01D | 07/30/2003 | ND | 1.0000 |
| Toluene | ug/L | MW-01D | 10/21/2003 | ND | 1.0000 |
| Toluene | ug/L | MW-01D | 01/21/2004 | ND | 1.0000 |
| Toluene | ug/L | MW-01D | 04/20/2004 | ND | 1.0000 |
| Toluene | ug/L | MW-01D | 07/20/2004 | ND | 1.0000 |
| Toluene | ug/L | MW-01D | 10/11/2004 | ND | 1.0000 |
| Toluene | ug/L | MW-01D | 01/26/2005 | ND | 1.0000 |
| Toluene | ug/L | MW-01D | 04/26/2005 | ND | 1.0000 |
| Toluene | ug/L | MW-01D | 07/26/2005 | ND | 1.0000 |
| Toluene | ug/L | MW-01D | 10/18/2005 | ND | 1.0000 |
| Toluene | ug/L | MW-01D | 01/25/2006 | ND | 1.0000 |
| Toluene | ug/L | MW-01D | 04/25/2006 | ND | 1.0000 |
| Toluene | ug/L | MW-01D | 07/26/2006 | ND | 1.0000 |
| Toluene | ug/L | MW-01D | 10/24/2006 | ND | 1.0000 |
| Toluene | ug/L | MW-01D | 01/17/2007 | ND | 1.0000 |
| Toluene | ug/L | MW-01D | 04/17/2007 | ND | 1.0000 |
| Toluene | ug/L | MW-01D | 07/24/2007 | ND | 1.0000 |
| Toluene | ug/L | MW-01D | 10/23/2007 | ND | 1.0000 |
| Toluene | ug/L | MW-01D | 01/29/2008 | ND | 1.0000 |
| Toluene | ug/L | MW-01D | 04/22/2008 | ND | 1.0000 |
| Toluene | ug/L | MW-01D | 07/30/2008 | ND | 1.0000 |
| Total xylenes | ug/L | MW-01D | 10/15/1990 | ND | 1.0000 |
| Total xylenes | ug/L | MW-01D | 01/15/1991 | ND | 1.0000 |
| Total xylenes | ug/L | MW-01D | 04/15/1991 | ND | 1.0000 |
| Total xylenes | ug/L | MW-01D | 07/15/1991 | ND | 1.0000 |
| Total xylenes | ug/L | MW-01D | 10/23/1991 | ND | 1.0000 |
| Total xylenes | ug/L | MW-01D | 01/15/1992 | | 3.0000 |
| Total xylenes | ug/L | MW-01D | 04/15/1992 | ND | 0.5000 |
| Total xylenes | ug/L | MW-01D | 07/15/1992 | ND | 1.0000 |

* - Outlier for that location and constituent.
ND = Not detected, result = detection limit.

# Table 1

## Background Data

| Constituent | Units | Location | Date | | Result |
|---|---|---|---|---|---|
| Total xylenes | ug/L | MW-01D | 10/15/1992 | ND | 1.0000 |
| Total xylenes | ug/L | MW-01D | 01/15/1993 | | 25.0000 |
| Total xylenes | ug/L | MW-01D | 04/19/1993 | ND | 1.0000 |
| Total xylenes | ug/L | MW-01D | 07/12/1993 | | 7.1000 |
| Total xylenes | ug/L | MW-01D | 10/12/1993 | | 4.1000 |
| Total xylenes | ug/L | MW-01D | 01/10/1994 | ND | 1.0000 |
| Total xylenes | ug/L | MW-01D | 04/11/1994 | ND | 1.0000 |
| Total xylenes | ug/L | MW-01D | 07/18/1994 | | 3.7000 |
| Total xylenes | ug/L | MW-01D | 10/10/1994 | | 5.8000 |
| Total xylenes | ug/L | MW-01D | 01/17/1995 | ND | 1.0000 |
| Total xylenes | ug/L | MW-01D | 04/17/1995 | ND | 1.0000 |
| Total xylenes | ug/L | MW-01D | 07/10/1995 | | 9.4000 |
| Total xylenes | ug/L | MW-01D | 10/09/1995 | | 2.0000 |
| Total xylenes | ug/L | MW-01D | 01/30/1996 | | 1.8000 |
| Total xylenes | ug/L | MW-01D | 04/15/1996 | | 5.7000 |
| Total xylenes | ug/L | MW-01D | 07/15/1996 | | 5.5000 |
| Total xylenes | ug/L | MW-01D | 10/07/1996 | ND | 1.0000 |
| Total xylenes | ug/L | MW-01D | 01/13/1997 | ND | 1.0000 |
| Total xylenes | ug/L | MW-01D | 04/15/1997 | ND | 1.0000 |
| Total xylenes | ug/L | MW-01D | 07/08/1997 | ND | 1.0000 |
| Total xylenes | ug/L | MW-01D | 10/14/1997 | ND | 1.0000 |
| Total xylenes | ug/L | MW-01D | 01/13/1998 | ND | 1.0000 |
| Total xylenes | ug/L | MW-01D | 04/21/1998 | ND | 1.0000 |
| Total xylenes | ug/L | MW-01D | 07/15/1998 | ND | 1.0000 |
| Total xylenes | ug/L | MW-01D | 10/20/1998 | ND | 1.0000 |
| Total xylenes | ug/L | MW-01D | 01/15/1999 | ND | 1.0000 |
| Total xylenes | ug/L | MW-01D | 04/15/1999 | ND | 2.0000 |
| Total xylenes | ug/L | MW-01D | 07/15/1999 | ND | 1.0000 |
| Total xylenes | ug/L | MW-01D | 10/15/1999 | ND | 2.0000 |
| Total xylenes | ug/L | MW-01D | 01/25/2000 | ND | 2.0000 |
| Total xylenes | ug/L | MW-01D | 04/15/2000 | ND | 1.0000 |
| Total xylenes | ug/L | MW-01D | 10/15/2000 | ND | 1.0000 |
| Total xylenes | ug/L | MW-01D | 04/15/2001 | ND | 1.0000 |
| Total xylenes | ug/L | MW-01D | 07/17/2001 | ND | 1.0000 |
| Total xylenes | ug/L | MW-01D | 10/16/2001 | | 1.5000 |
| Total xylenes | ug/L | MW-01D | 01/15/2002 | ND | 1.0000 |
| Total xylenes | ug/L | MW-01D | 04/16/2002 | ND | 2.0000 |
| Total xylenes | ug/L | MW-01D | 07/24/2002 | ND | 2.0000 |
| Total xylenes | ug/L | MW-01D | 10/22/2002 | ND | 2.0000 |
| Total xylenes | ug/L | MW-01D | 01/08/2003 | ND | 2.0000 |
| Total xylenes | ug/L | MW-01D | 04/23/2003 | ND | 2.0000 |
| Total xylenes | ug/L | MW-01D | 07/30/2003 | ND | 2.0000 |
| Total xylenes | ug/L | MW-01D | 10/21/2003 | ND | 2.0000 |
| Total xylenes | ug/L | MW-01D | 01/21/2004 | ND | 2.0000 |

* - Outlier for that location and constituent.
ND = Not detected, result = detection limit.

# Table 1

## Background Data

| Constituent | Units | Location | Date | | Result |
|---|---|---|---|---|---|
| Total xylenes | ug/L | MW-01D | 04/20/2004 | ND | 2.0000 |
| Total xylenes | ug/L | MW-01D | 07/20/2004 | ND | 2.0000 |
| Total xylenes | ug/L | MW-01D | 10/11/2004 | ND | 2.0000 |
| Total xylenes | ug/L | MW-01D | 01/26/2005 | ND | 2.0000 |
| Total xylenes | ug/L | MW-01D | 04/26/2005 | ND | 2.0000 |
| Total xylenes | ug/L | MW-01D | 07/26/2005 | ND | 2.0000 |
| Total xylenes | ug/L | MW-01D | 10/18/2005 | ND | 2.0000 |
| Total xylenes | ug/L | MW-01D | 01/25/2006 | ND | 2.0000 |
| Total xylenes | ug/L | MW-01D | 04/25/2006 | ND | 2.0000 |
| Total xylenes | ug/L | MW-01D | 07/26/2006 | ND | 1.0000 |
| Total xylenes | ug/L | MW-01D | 10/24/2006 | ND | 1.0000 |
| Total xylenes | ug/L | MW-01D | 01/17/2007 | ND | 1.0000 |
| Total xylenes | ug/L | MW-01D | 04/17/2007 | ND | 1.0000 |
| Total xylenes | ug/L | MW-01D | 07/24/2007 | ND | 1.0000 |
| Total xylenes | ug/L | MW-01D | 10/23/2007 | ND | 1.0000 |
| Total xylenes | ug/L | MW-01D | 01/29/2008 | ND | 1.0000 |
| Total xylenes | ug/L | MW-01D | 04/22/2008 | ND | 1.0000 |
| Total xylenes | ug/L | MW-01D | 07/30/2008 | ND | 1.0000 |
| Trichloroethene | ug/L | MW-01D | 10/15/1990 | | 26.0000 |
| Trichloroethene | ug/L | MW-01D | 01/15/1991 | ND | 1.0000 |
| Trichloroethene | ug/L | MW-01D | 04/15/1991 | | 40.0000 |
| Trichloroethene | ug/L | MW-01D | 07/15/1991 | | 14.0000 |
| Trichloroethene | ug/L | MW-01D | 10/23/1991 | | 10.0000 |
| Trichloroethene | ug/L | MW-01D | 01/15/1992 | | 3.6000 |
| Trichloroethene | ug/L | MW-01D | 04/15/1992 | | 1.6000 |
| Trichloroethene | ug/L | MW-01D | 07/15/1992 | | 1.2000 |
| Trichloroethene | ug/L | MW-01D | 10/15/1992 | | 2.2000 |
| Trichloroethene | ug/L | MW-01D | 01/15/1993 | | 1.5000 |
| Trichloroethene | ug/L | MW-01D | 04/19/1993 | | 1.5000 |
| Trichloroethene | ug/L | MW-01D | 07/12/1993 | ND | 1.0000 |
| Trichloroethene | ug/L | MW-01D | 10/12/1993 | ND | 1.0000 |
| Trichloroethene | ug/L | MW-01D | 01/10/1994 | | 1.4000 |
| Trichloroethene | ug/L | MW-01D | 04/11/1994 | | 1.6000 |
| Trichloroethene | ug/L | MW-01D | 07/18/1994 | | 1.3000 |
| Trichloroethene | ug/L | MW-01D | 10/10/1994 | | 1.5000 |
| Trichloroethene | ug/L | MW-01D | 01/17/1995 | ND | 1.0000 |
| Trichloroethene | ug/L | MW-01D | 04/17/1995 | | 1.3000 |
| Trichloroethene | ug/L | MW-01D | 07/10/1995 | | 1.2000 |
| Trichloroethene | ug/L | MW-01D | 10/09/1995 | | 1.4000 |
| Trichloroethene | ug/L | MW-01D | 01/30/1996 | | 1.2000 |
| Trichloroethene | ug/L | MW-01D | 04/15/1996 | | 1.4000 |
| Trichloroethene | ug/L | MW-01D | 07/15/1996 | | 1.4000 |
| Trichloroethene | ug/L | MW-01D | 10/07/1996 | | 1.5000 |
| Trichloroethene | ug/L | MW-01D | 01/13/1997 | | 1.5000 |

* - Outlier for that location and constituent.
ND = Not detected, result = detection limit.

# Table 1

## Background Data

| Constituent | Units | Location | Date | | Result | |
|---|---|---|---|---|---|---|
| Trichloroethene | ug/L | MW-01D | 04/15/1997 | | 2.7000 | |
| Trichloroethene | ug/L | MW-01D | 07/08/1997 | | 2.1000 | |
| Trichloroethene | ug/L | MW-01D | 10/14/1997 | | 3.2000 | |
| Trichloroethene | ug/L | MW-01D | 01/13/1998 | | 3.0000 | |
| Trichloroethene | ug/L | MW-01D | 04/21/1998 | | 2.2000 | |
| Trichloroethene | ug/L | MW-01D | 07/15/1998 | | 1.9000 | |
| Trichloroethene | ug/L | MW-01D | 10/20/1998 | | 2.4000 | |
| Trichloroethene | ug/L | MW-01D | 01/15/1999 | | 2.0000 | |
| Trichloroethene | ug/L | MW-01D | 04/15/1999 | | 2.1000 | |
| Trichloroethene | ug/L | MW-01D | 07/15/1999 | | 2.7000 | |
| Trichloroethene | ug/L | MW-01D | 10/15/1999 | | 2.0000 | |
| Trichloroethene | ug/L | MW-01D | 01/25/2000 | | 7.1000 | |
| Trichloroethene | ug/L | MW-01D | 04/15/2000 | | 3.3000 | |
| Trichloroethene | ug/L | MW-01D | 10/15/2000 | | 3.1000 | |
| Trichloroethene | ug/L | MW-01D | 04/15/2001 | | 2.7000 | |
| Trichloroethene | ug/L | MW-01D | 07/17/2001 | | 2.1000 | |
| Trichloroethene | ug/L | MW-01D | 10/16/2001 | | 3.5000 | |
| Trichloroethene | ug/L | MW-01D | 01/15/2002 | | 1.8000 | |
| Trichloroethene | ug/L | MW-01D | 04/16/2002 | | 3.3000 | |
| Trichloroethene | ug/L | MW-01D | 07/24/2002 | | 2.8000 | |
| Trichloroethene | ug/L | MW-01D | 10/22/2002 | | 1.8000 | |
| Trichloroethene | ug/L | MW-01D | 01/08/2003 | | 2.2000 | |
| Trichloroethene | ug/L | MW-01D | 04/23/2003 | | 1.9000 | |
| Trichloroethene | ug/L | MW-01D | 07/30/2003 | | 1.6000 | |
| Trichloroethene | ug/L | MW-01D | 10/21/2003 | | 2.4000 | |
| Trichloroethene | ug/L | MW-01D | 01/21/2004 | | 10.0000 | |
| Trichloroethene | ug/L | MW-01D | 04/20/2004 | | 6.9000 | |
| Trichloroethene | ug/L | MW-01D | 07/20/2004 | | 66.0000 | |
| Trichloroethene | ug/L | MW-01D | 10/11/2004 | | 34.0000 | |
| Trichloroethene | ug/L | MW-01D | 01/26/2005 | | 53.0000 | |
| Trichloroethene | ug/L | MW-01D | 04/26/2005 | | 82.0000 | |
| Trichloroethene | ug/L | MW-01D | 07/26/2005 | | 58.0000 | |
| Trichloroethene | ug/L | MW-01D | 10/18/2005 | | 47.0000 | |
| Trichloroethene | ug/L | MW-01D | 01/25/2006 | | 61.0000 | |
| Trichloroethene | ug/L | MW-01D | 04/25/2006 | | 48.0000 | |
| Trichloroethene | ug/L | MW-01D | 07/26/2006 | | 43.0000 | |
| Trichloroethene | ug/L | MW-01D | 10/24/2006 | | 47.0000 | |
| Trichloroethene | ug/L | MW-01D | 01/17/2007 | | 42.0000 | |
| Trichloroethene | ug/L | MW-01D | 04/17/2007 | | 45.0000 | |
| Trichloroethene | ug/L | MW-01D | 07/24/2007 | | 37.0000 | |
| Trichloroethene | ug/L | MW-01D | 10/23/2007 | | 17.0000 | |
| Trichloroethene | ug/L | MW-01D | 01/29/2008 | | 21.0000 | |
| Trichloroethene | ug/L | MW-01D | 04/22/2008 | | 19.0000 | |
| Trichloroethene | ug/L | MW-01D | 07/30/2008 | | 34.0000 | |

* - Outlier for that location and constituent.
ND = Not detected, result = detection limit.

# Table 2

## Most Current Onsite/Downgradient Monitoring Data

| Constituent | Units | Location | Date | | Result | | Pred. Limit |
|---|---|---|---|---|---|---|---|
| Benzene | ug/L | MW-04A | 07/31/2008 | ND | 0.5000 | | 4.0000 |
| Benzene | ug/L | MW-06D | 07/31/2008 | ND | 0.5000 | | 4.0000 |
| Benzene | ug/L | MW-15D | 07/30/2008 | ND | 0.5000 | | 4.0000 |
| Cadmium | mg/L | MW-04A | 07/31/2008 | ND | 0.0050 | | 0.0050 |
| Cadmium | mg/L | MW-06D | 07/31/2008 | ND | 0.0050 | | 0.0050 |
| Cadmium | mg/L | MW-15D | 07/30/2008 | ND | 0.0050 | | 0.0050 |
| Chromium | mg/L | MW-04A | 07/31/2008 | | 0.0074 | | 0.0250 |
| Chromium | mg/L | MW-06D | 07/31/2008 | | 0.0052 | | 0.0250 |
| Chromium | mg/L | MW-15D | 07/30/2008 | | 0.0054 | | 0.0250 |
| Chromium (vi) | mg/L | MW-04A | 07/31/2008 | | 0.0064 | | 0.0800 |
| Chromium (vi) | mg/L | MW-06D | 07/31/2008 | | 0.0041 | | 0.0800 |
| Chromium (vi) | mg/L | MW-15D | 07/30/2008 | ND | 0.0010 | | 0.0800 |
| Copper | mg/L | MW-04A | 07/31/2008 | | 0.0250 | | 0.0470 |
| Copper | mg/L | MW-06D | 07/31/2008 | | 0.0140 | | 0.0470 |
| Copper | mg/L | MW-15D | 07/30/2008 | | 0.0560 | * | 0.0470 |
| Ethylbenzene | ug/L | MW-04A | 07/31/2008 | ND | 1.0000 | | 11.0000 |
| Ethylbenzene | ug/L | MW-06D | 07/31/2008 | ND | 1.0000 | | 11.0000 |
| Ethylbenzene | ug/L | MW-15D | 07/30/2008 | ND | 1.0000 | | 11.0000 |
| M,p-xylene | ug/L | MW-04A | 07/31/2008 | ND | 1.0000 | | 1.5000 |
| M,p-xylene | ug/L | MW-06D | 07/31/2008 | ND | 1.0000 | | 1.5000 |
| M,p-xylene | ug/L | MW-15D | 07/30/2008 | ND | 1.0000 | | 1.5000 |
| O-xylene | ug/L | MW-04A | 07/31/2008 | ND | 1.0000 | | 1.0000 |
| O-xylene | ug/L | MW-06D | 07/31/2008 | ND | 1.0000 | | 1.0000 |
| O-xylene | ug/L | MW-15D | 07/30/2008 | ND | 1.0000 | | 1.0000 |
| Toluene | ug/L | MW-04A | 07/31/2008 | ND | 1.0000 | | 7.4000 |
| Toluene | ug/L | MW-06D | 07/31/2008 | ND | 1.0000 | | 7.4000 |
| Toluene | ug/L | MW-15D | 07/30/2008 | ND | 1.0000 | | 7.4000 |
| Total xylenes | ug/L | MW-04A | 07/31/2008 | ND | 1.0000 | | 25.0000 |
| Total xylenes | ug/L | MW-06D | 07/31/2008 | ND | 1.0000 | | 25.0000 |
| Total xylenes | ug/L | MW-15D | 07/30/2008 | ND | 1.0000 | | 25.0000 |
| Trichloroethene | ug/L | MW-04A | 07/31/2008 | | 68.0000 | | 82.0000 |
| Trichloroethene | ug/L | MW-06D | 07/31/2008 | | 28.0000 | | 82.0000 |
| Trichloroethene | ug/L | MW-15D | 07/30/2008 | | 1.6000 | | 82.0000 |

* - Current value failed.
***** - Insufficient background data to compute prediction limit.
ND = Not Detected, result = detection limit.

# Table 3

## Detection Frequencies in Background and Onsite/Downgradient Locations

| Constituent | Detect | Backgrd N | Proportion | Detect | Onsite N | Proportion |
|---|---|---|---|---|---|---|
| Benzene | 16 | 70 | 0.229 | 21 | 213 | 0.099 |
| Cadmium | 0 | 70 | 0.000 | 3 | 213 | 0.014 |
| Chromium | 12 | 70 | 0.171 | 61 | 213 | 0.286 |
| Chromium (vi) | 15 | 70 | 0.214 | 72 | 213 | 0.338 |
| Copper | 22 | 70 | 0.314 | 60 | 213 | 0.282 |
| Ethylbenzene | 9 | 70 | 0.129 | 60 | 213 | 0.282 |
| M,p-xylene | 1 | 37 | 0.027 | 6 | 111 | 0.054 |
| O-xylene | 0 | 37 | 0.000 | 1 | 111 | 0.009 |
| Toluene | 6 | 70 | 0.086 | 28 | 213 | 0.131 |
| Total xylenes | 12 | 70 | 0.171 | 49 | 212 | 0.231 |
| Trichloroethene | 66 | 70 | 0.943 | 209 | 213 | 0.981 |

N = Total number of measurements in all locations.
Detect = Total number of detections in all locations.
Proportion = Detect/N.

# Table 4

## Shapiro Wilk Test of Normality for Multiple Groups

| Constituent | N (Detects) | Detect Freq | G raw | G log | Critical Value | Limit Type |
|---|---|---|---|---|---|---|
| Benzene | 16 | 0.229 | 4.711 | 3.068 | 2.326 | nonpar |
| Cadmium | 0 | 0.000 | | | | nonpar |
| Chromium | 12 | 0.171 | 1.560 | 1.531 | 2.326 | nonpar |
| Chromium (vi) | 15 | 0.214 | 6.230 | 6.150 | 2.326 | nonpar |
| Copper | 22 | 0.314 | 2.465 | 2.438 | 2.326 | nonpar |
| Ethylbenzene | 9 | 0.129 | 1.771 | 0.444 | 2.326 | nonpar |
| M,p-xylene | 1 | 0.027 | | | | nonpar |
| O-xylene | 0 | 0.000 | | | | nonpar |
| Toluene | 6 | 0.086 | 1.928 | 0.740 | 2.326 | nonpar |
| Total xylenes | 12 | 0.171 | 3.680 | 0.350 | 2.326 | nonpar |
| Trichloroethene | 66 | 0.943 | 9.511 | 6.288 | 2.326 | nonpar |

Fit to distribution is confirmed if G < critical value.
If detection frequency is < 50% nonparametric or Poisson limit is used

# Table 5

## Summary Statistics and 95% Confidence Prediction Limits

| Constituent | Units | Model Type | N | Detect | Mean | SD | Pred Limit | Conf* |
|---|---|---|---|---|---|---|---|---|
| Benzene | ug/L | nonpar | 70 | 16 | | | 4.0000 | 0.96 |
| Cadmium | mg/L | nonpar | 70 | 0 | | | 0.0050 | 0.96 |
| Chromium | mg/L | nonpar | 70 | 12 | | | 0.0250 | 0.96 |
| Chromium (vi) | mg/L | nonpar | 70 | 15 | | | 0.0800 | 0.96 |
| Copper | mg/L | nonpar | 70 | 22 | | | 0.0470 | 0.96 |
| Ethylbenzene | ug/L | nonpar | 70 | 9 | | | 11.0000 | 0.96 |
| M,p-xylene | ug/L | nonpar | 37 | 1 | | | 1.5000 | 0.92 |
| O-xylene | ug/L | nonpar | 37 | 0 | | | 1.0000 | 0.92 |
| Toluene | ug/L | nonpar | 70 | 6 | | | 7.4000 | 0.96 |
| Total xylenes | ug/L | nonpar | 70 | 12 | | | 25.0000 | 0.96 |
| Trichloroethene | ug/L | nonpar | 70 | 66 | | | 82.0000 | 0.96 |

* - Confidence level for passing a single test at all onsite/downgradient locations for a single constituent (nonparametric test only).
Model Type refers to type of prediction limit.
For lognormal limit, mean and sd in natural log units and prediction limit in original units.
All sample sizes and statistics are based on outlier free data.
For nonparametric limits, median reporting limits are substituted for extreme reporting limit values.

# Table 6

## Historical Onsite/Downgradient Data for Constituent-Location Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

| Constituent | Units | Location | Date | | Result | | Pred. Limit |
|---|---|---|---|---|---|---|---|
| Copper | mg/L | MW-15D | 10/15/1990 | ND | 0.0200 | | 0.0470 |
| Copper | mg/L | MW-15D | 01/15/1991 | ND | 0.0200 | | 0.0470 |
| Copper | mg/L | MW-15D | 04/15/1991 | ND | 0.0200 | | 0.0470 |
| Copper | mg/L | MW-15D | 07/15/1991 | ND | 0.0200 | | 0.0470 |
| Copper | mg/L | MW-15D | 10/22/1991 | ND | 0.0100 | | 0.0470 |
| Copper | mg/L | MW-15D | 01/15/1992 | | 0.0130 | | 0.0470 |
| Copper | mg/L | MW-15D | 04/15/1992 | ND | 0.0200 | | 0.0470 |
| Copper | mg/L | MW-15D | 07/15/1992 | ND | 0.0200 | | 0.0470 |
| Copper | mg/L | MW-15D | 10/15/1992 | ND | 0.0200 | | 0.0470 |
| Copper | mg/L | MW-15D | 01/15/1993 | ND | 0.0200 | | 0.0470 |
| Copper | mg/L | MW-15D | 04/21/1993 | ND | 0.0200 | | 0.0470 |
| Copper | mg/L | MW-15D | 07/14/1993 | | 0.0250 | | 0.0470 |
| Copper | mg/L | MW-15D | 10/14/1993 | ND | 0.0200 | | 0.0470 |
| Copper | mg/L | MW-15D | 01/12/1994 | ND | 0.0200 | | 0.0470 |
| Copper | mg/L | MW-15D | 04/13/1994 | ND | 0.0200 | | 0.0470 |
| Copper | mg/L | MW-15D | 07/20/1994 | ND | 0.0200 | | 0.0470 |
| Copper | mg/L | MW-15D | 10/12/1994 | ND | 0.0200 | | 0.0470 |
| Copper | mg/L | MW-15D | 01/18/1995 | ND | 0.0200 | | 0.0470 |
| Copper | mg/L | MW-15D | 04/19/1995 | ND | 0.0200 | | 0.0470 |
| Copper | mg/L | MW-15D | 07/12/1995 | ND | 0.0200 | | 0.0470 |
| Copper | mg/L | MW-15D | 10/11/1995 | ND | 0.0200 | | 0.0470 |
| Copper | mg/L | MW-15D | 02/01/1996 | ND | 0.0200 | | 0.0470 |
| Copper | mg/L | MW-15D | 04/17/1996 | ND | 0.0200 | | 0.0470 |
| Copper | mg/L | MW-15D | 07/17/1996 | ND | 0.0200 | | 0.0470 |
| Copper | mg/L | MW-15D | 10/09/1996 | ND | 0.0200 | | 0.0470 |
| Copper | mg/L | MW-15D | 01/15/1997 | ND | 0.0200 | | 0.0470 |
| Copper | mg/L | MW-15D | 04/17/1997 | ND | 0.0200 | | 0.0470 |
| Copper | mg/L | MW-15D | 07/10/1997 | ND | 0.0200 | | 0.0470 |
| Copper | mg/L | MW-15D | 10/16/1997 | ND | 0.0200 | | 0.0470 |
| Copper | mg/L | MW-15D | 01/15/1998 | ND | 0.0200 | | 0.0470 |
| Copper | mg/L | MW-15D | 04/23/1998 | ND | 0.0200 | | 0.0470 |
| Copper | mg/L | MW-15D | 07/16/1998 | ND | 0.0200 | | 0.0470 |
| Copper | mg/L | MW-15D | 10/21/1998 | ND | 0.0200 | | 0.0470 |
| Copper | mg/L | MW-15D | 01/15/1999 | | 0.0290 | | 0.0470 |
| Copper | mg/L | MW-15D | 04/15/1999 | ND | 0.0250 | | 0.0470 |
| Copper | mg/L | MW-15D | 07/15/1999 | ND | 0.0250 | | 0.0470 |
| Copper | mg/L | MW-15D | 10/15/1999 | ND | 0.0250 | | 0.0470 |
| Copper | mg/L | MW-15D | 01/28/2000 | ND | 0.0250 | | 0.0470 |
| Copper | mg/L | MW-15D | 04/15/2000 | ND | 0.0250 | | 0.0470 |
| Copper | mg/L | MW-15D | 10/15/2000 | ND | 0.0250 | | 0.0470 |
| Copper | mg/L | MW-15D | 04/15/2001 | ND | 0.0250 | | 0.0470 |

* - Significantly increased over background.
ND = Not Detected, result = detection limit.

# Table 6

## Historical Onsite/Downgradient Data for Constituent-Location Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

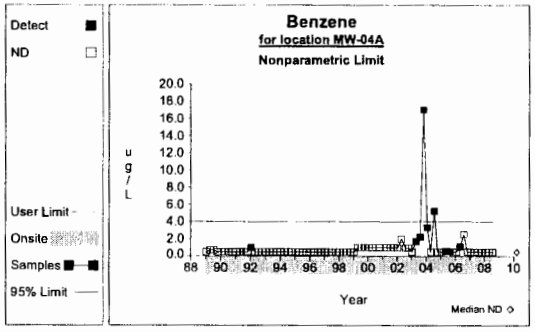
| Constituent | Units | Location | Date | | Result | | Pred. Limit |
|---|---|---|---|---|---|---|---|
| Copper | mg/L | MW-15D | 07/19/2001 | ND | 0.0250 | | 0.0470 |
| Copper | mg/L | MW-15D | 10/17/2001 | ND | 0.0250 | | 0.0470 |
| Copper | mg/L | MW-15D | 01/16/2002 | ND | 0.0250 | | 0.0470 |
| Copper | mg/L | MW-15D | 04/17/2002 | ND | 0.0250 | | 0.0470 |
| Copper | mg/L | MW-15D | 07/25/2002 | ND | 0.0250 | | 0.0470 |
| Copper | mg/L | MW-15D | 10/22/2002 | ND | 0.0250 | | 0.0470 |
| Copper | mg/L | MW-15D | 01/08/2003 | | 0.0170 | | 0.0470 |
| Copper | mg/L | MW-15D | 04/23/2003 | ND | 0.0100 | | 0.0470 |
| Copper | mg/L | MW-15D | 07/30/2003 | ND | 0.0100 | | 0.0470 |
| Copper | mg/L | MW-15D | 10/21/2003 | ND | 0.0100 | | 0.0470 |
| Copper | mg/L | MW-15D | 01/22/2004 | ND | 0.0100 | | 0.0470 |
| Copper | mg/L | MW-15D | 04/21/2004 | ND | 0.0100 | | 0.0470 |
| Copper | mg/L | MW-15D | 07/20/2004 | | 0.0130 | | 0.0470 |
| Copper | mg/L | MW-15D | 10/11/2004 | ND | 0.0100 | | 0.0470 |
| Copper | mg/L | MW-15D | 01/27/2005 | | 0.1500 | * | 0.0470 |
| Copper | mg/L | MW-15D | 04/27/2005 | | 0.1000 | * | 0.0470 |
| Copper | mg/L | MW-15D | 07/26/2005 | | 0.0280 | | 0.0470 |
| Copper | mg/L | MW-15D | 10/19/2005 | ND | 0.0100 | | 0.0470 |
| Copper | mg/L | MW-15D | 01/25/2006 | | 0.0150 | | 0.0470 |
| Copper | mg/L | MW-15D | 04/25/2006 | | 0.0710 | * | 0.0470 |
| Copper | mg/L | MW-15D | 07/25/2006 | ND | 0.0100 | | 0.0470 |
| Copper | mg/L | MW-15D | 10/25/2006 | ND | 0.0100 | | 0.0470 |
| Copper | mg/L | MW-15D | 01/18/2007 | | 0.0100 | | 0.0470 |
| Copper | mg/L | MW-15D | 04/18/2007 | | 0.0140 | | 0.0470 |
| Copper | mg/L | MW-15D | 07/25/2007 | | 0.0250 | | 0.0470 |
| Copper | mg/L | MW-15D | 10/24/2007 | | 0.0240 | | 0.0470 |
| Copper | mg/L | MW-15D | 01/30/2008 | | 0.2500 | * | 0.0470 |
| Copper | mg/L | MW-15D | 04/23/2008 | | 0.2500 | * | 0.0470 |
| Copper | mg/L | MW-15D | 07/30/2008 | | 0.0560 | * | 0.0470 |

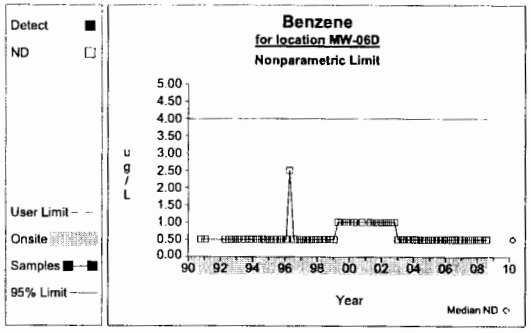
* - Significantly increased over background.
ND = Not Detected, result = detection limit.

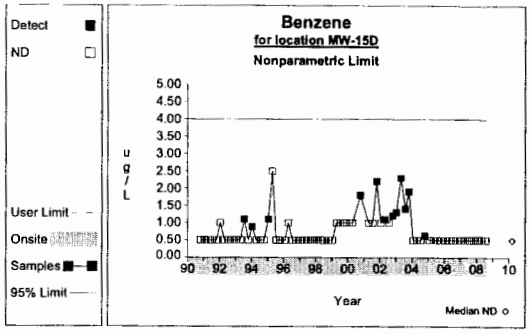
Phibro-Tech

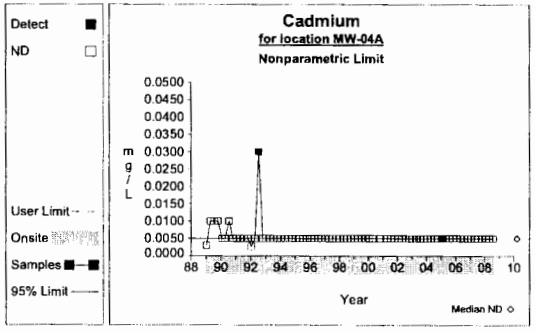
Analysis prepared on: 9/16/2008

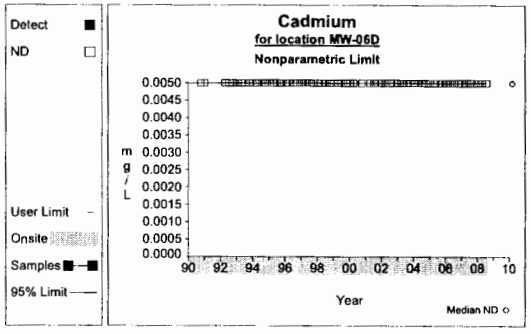
# Comparison to Background

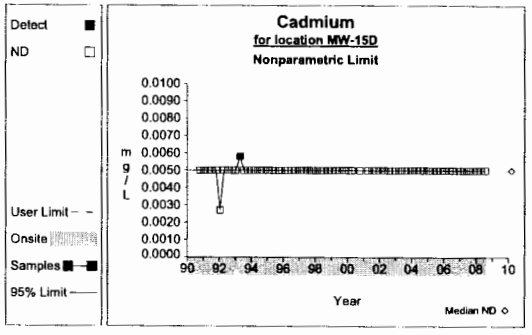


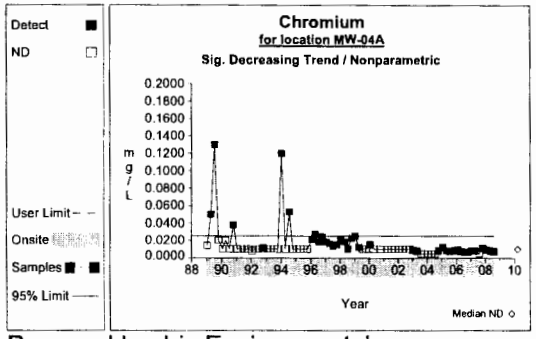



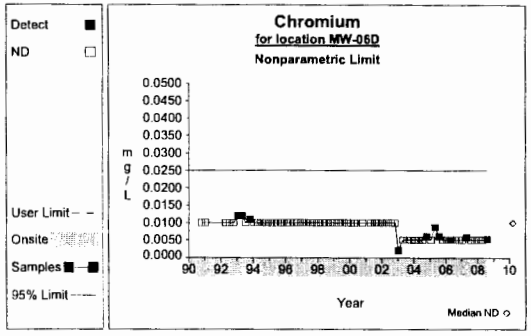



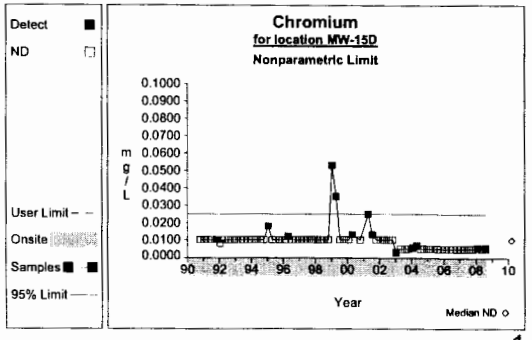



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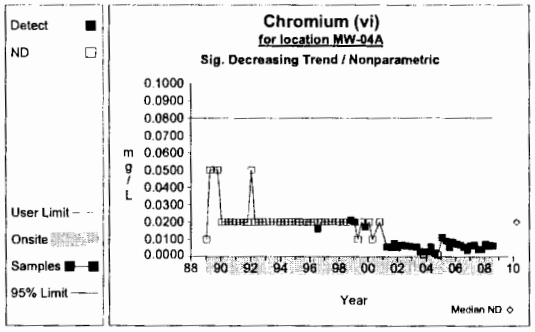


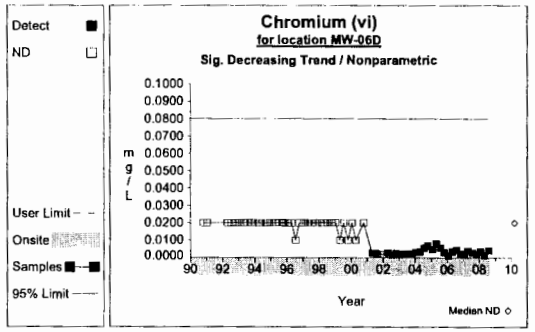


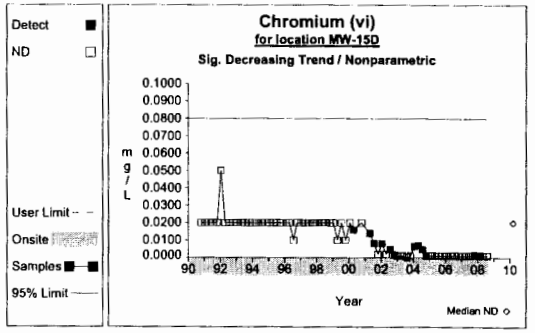


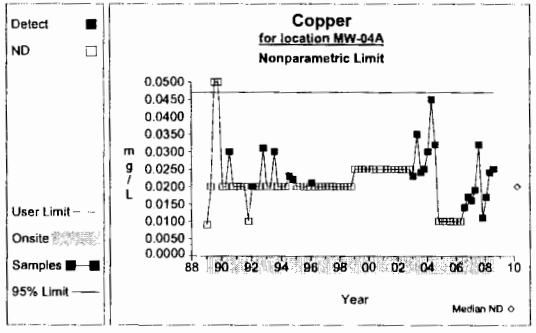


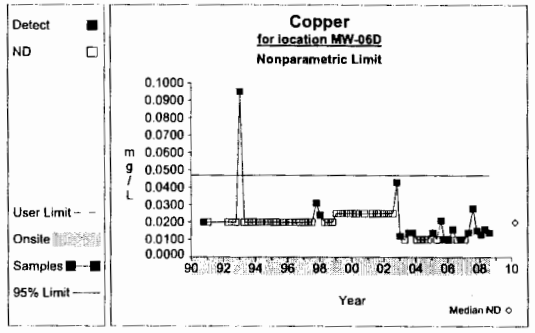


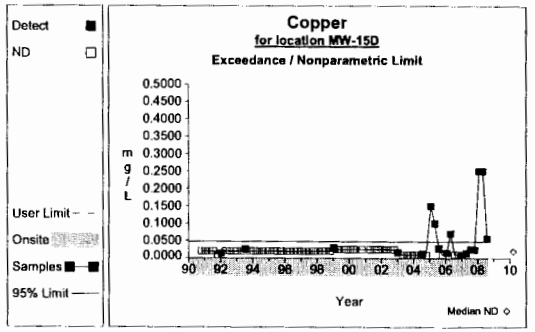


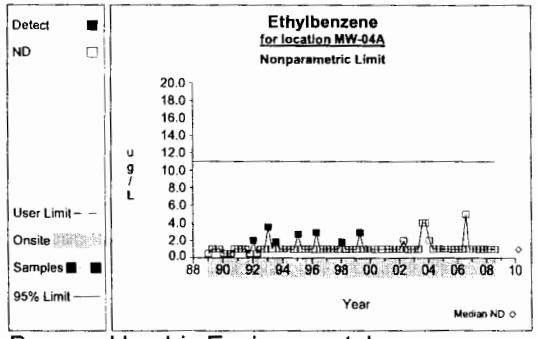


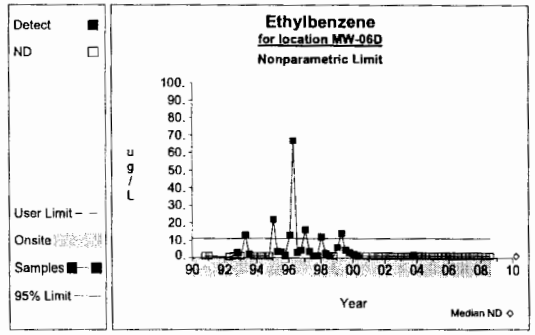


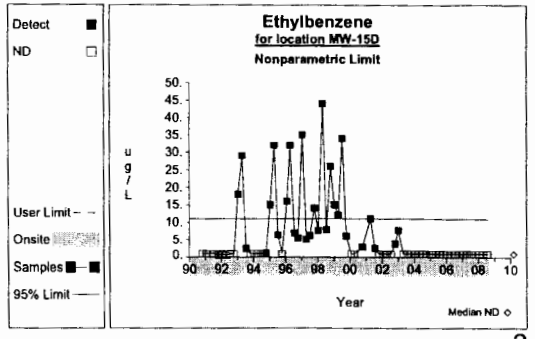

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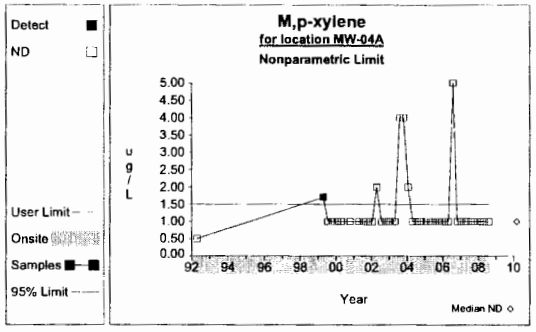


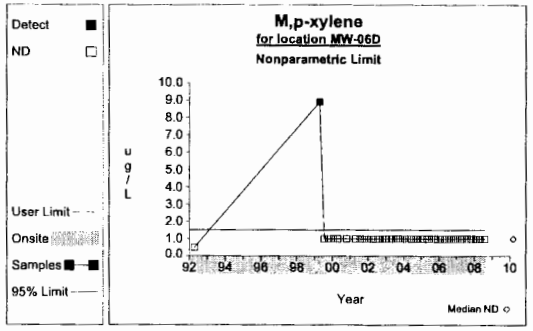


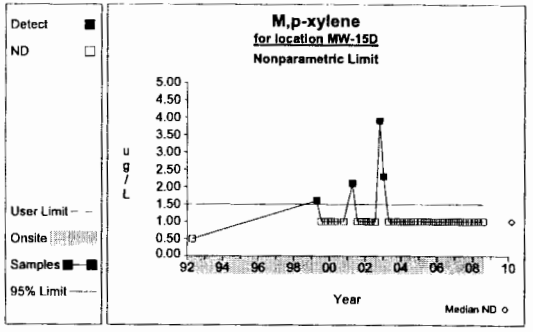


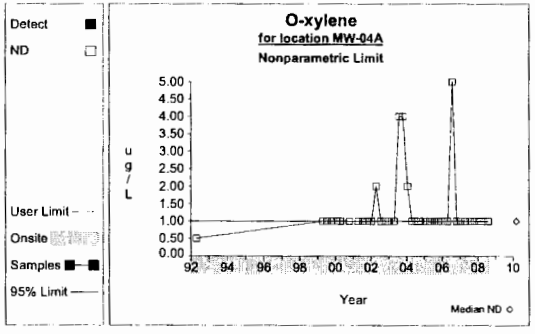


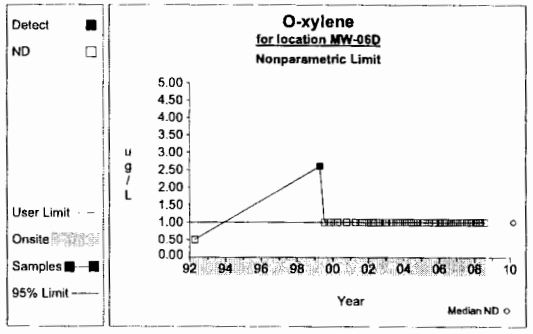


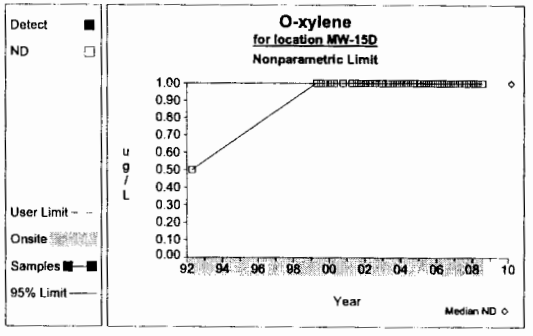


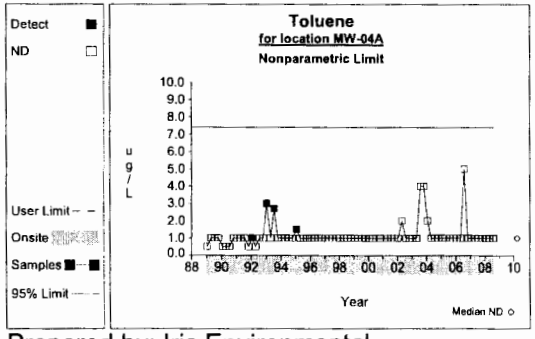


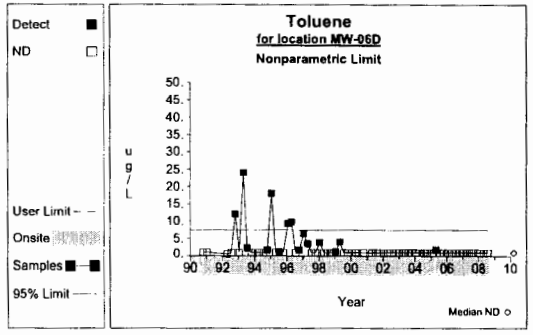


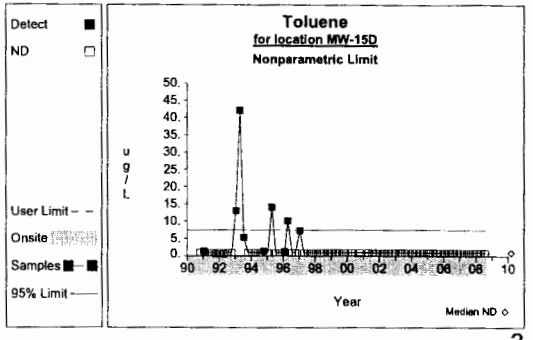
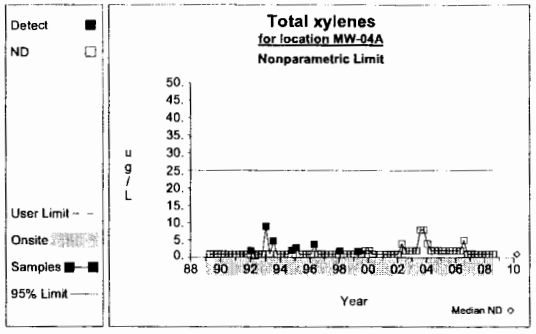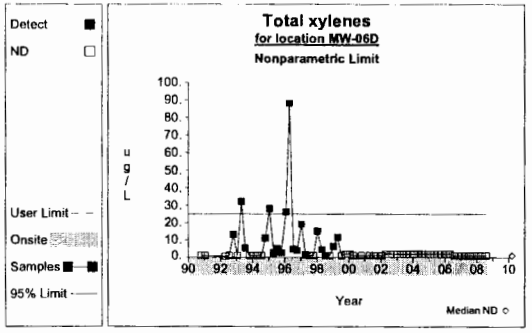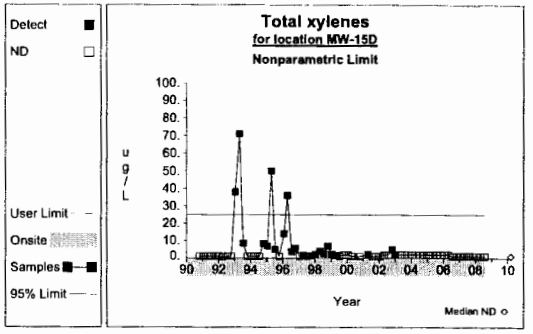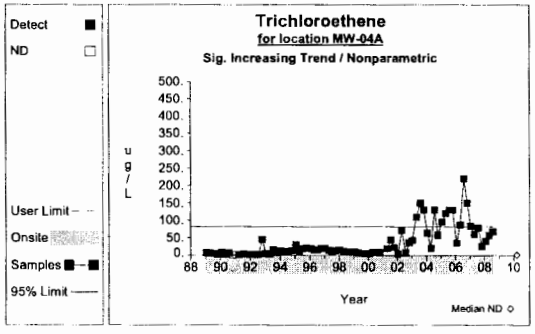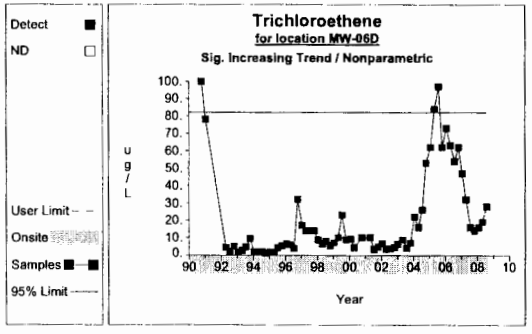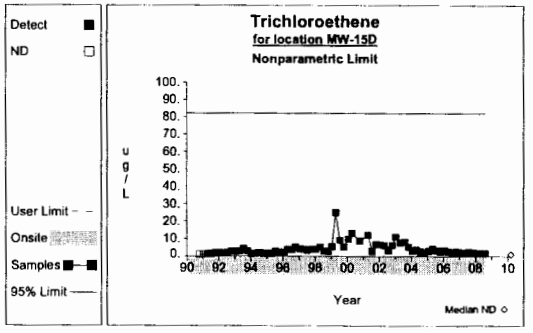
# Comparison to Background