James Hahn
James J. Hahn Engineering
Millbrook Office Center
Route 22 & Milltown Road
Brewster, NY 10509

December 3, 2003

Dear Mr. Hahn:

Enclosed please find the quarterly monitoring report for the third quarter of 2003 for the Katonah Municipal Well, Town of Bedford, Westchester County, New York (NYSDEC Site ID # 3-60-007).

Please call me with any questions.

Sincerely,

Aphrodite Socrates
Vice President

cc: Kenneth Caffrey, PE, NYSDOH
George Momberger, NYSDEC
William Nixon, Town of Bedford
Paul Kutzy, Westchester County DOH
Damian Duda, USEPA region 2

# GROUNDWATER QUALITY MONITORING
# QUARTERLY REPORT
# OCTOBER 2003
# KATONAH MUNICIPAL WELL
# TOWN OF BEDFORD
# WESTCHESTER, NEW YORK
# NYSDEC Site ID # 3-60-007

December 3, 2003

PREPARED FOR:

James J. Hahn Engineering
Millbrook Office Center
Route 22 & Milltown Road
Brewster, New York 10509

PREPARED BY:

Environmental Planning & Management, Inc.
1983 Marcus Avenue, Suite 109
Lake Success, New York 11042

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## 1.0 INTRODUCTION

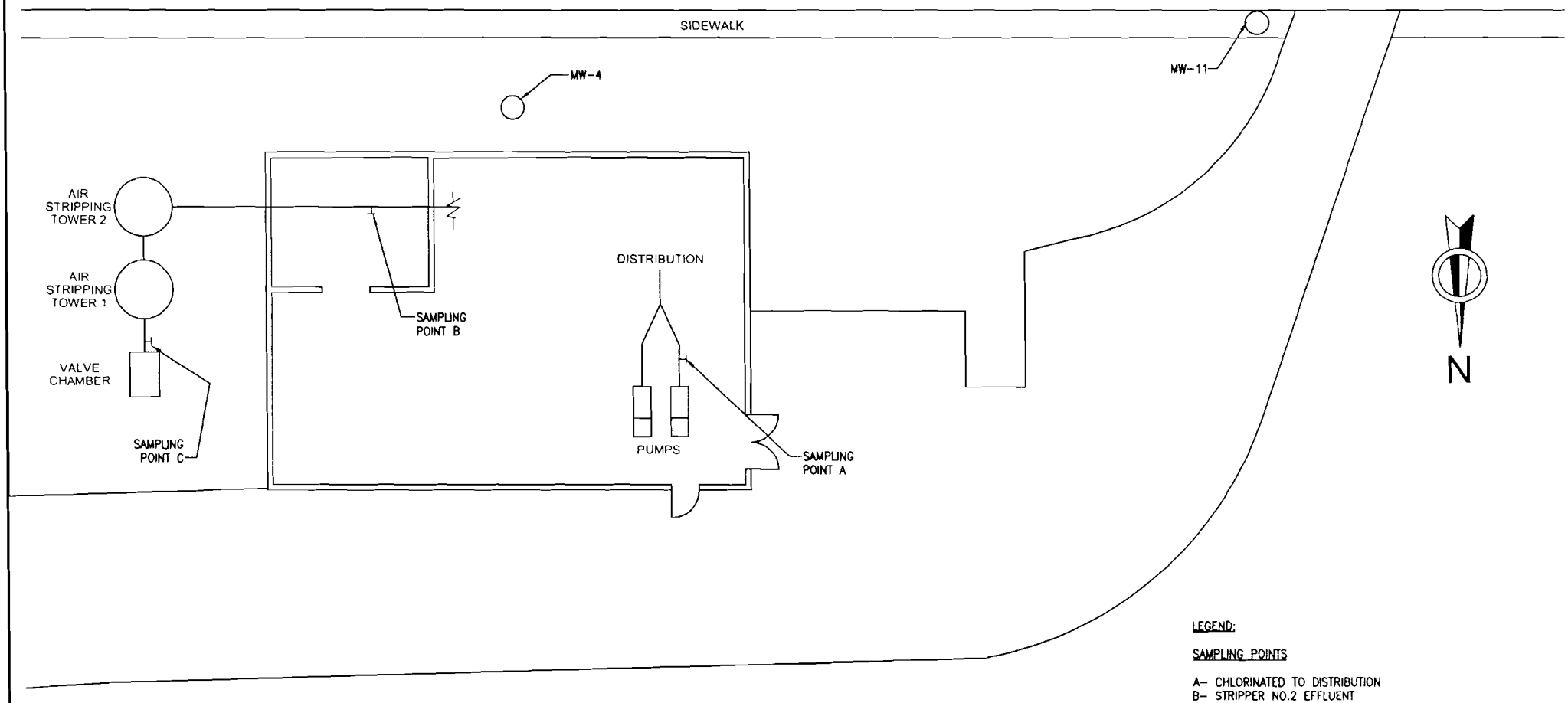
This quarterly groundwater sampling and analysis report has been prepared for the Katonah Municipal Well Site in Katonah, Town of Bedford, New York. This submittal is in accordance with the groundwater monitoring requirements of the New York State Department of Health (NYSDOH) and the U.S. Environmental Protection Agency (USEPA). This report includes the data collection and analysis results of the remedial system operation, for the quarter of July of 2003 to September of 2003. Sampling of the remedial system was conducted October 2, 2003.

## 2.0 SAMPLE COLLECTION

Environmental Planning & Management, Inc., collected samples on October 2, 2003. Three samples were collected from sampling taps; the raw water sampling tap (RW), the stripper number two effluent sampling tap (STEFF) and the distribution sampling tap (DIST). Two samples were collected from the monitoring wells; W-4 and W-11 respectively. One field duplicate sample (DUP) of was collected on October 2, 2003. Sample locations are shown on Figure 1 - Sampling Tap Location Schematic. Sampling was conducted in accordance with the approved Project Operation Plan.

Samples were labeled at the field location and placed into transport coolers containing ice. A trip blank and chain-of-custody documentation accompanied the samples to the laboratory for analysis. The samples were analyzed by SciLab Boston, in accordance with CLP methods, for volatile organics (Principal Organic Contaminants), by method 524.2, revision number 3.

# JAY STREET




LEGEND:

SAMPLING POINTS

A- CHLORINATED TO DISTRIBUTION
B- STRIPPER NO.2 EFFLUENT
C- RAW WATER

GROUNDWATER MONITORING WELLS

MW-4 6" WELL
MW-11 2" WELL


PEM ENVIRONMENTAL PLANNING & MANAGEMENT, INC.
1983 MARCUS AVENUE
SUITE 109
LAKE SUCCESS, NEW YORK 11042


| | | | |
|---|---|---|---|
| DRAWN BY: | AMR | DATE: | 10/2/03 |
| CHECKED BY: | EW | FILENAME: | KATONAH |
| APPR'VD BY: | ASG | SCALE: | NOT TO SCALE |
| PATH: C:\AMR\BEDFORD\KATONAH\22001DWGS | | | |

CLIENT:
KATONAH MUNICIPAL WATER SYSTEM

TITLE: SIMPLIFIED SAMPLING LOCATION SCHEMATIC

PROJECT LOCATION: KATONAH MUNICPAL WATER SYSTEM
KATONAH, NEW YORK

DRAWING NO:
FIG. 1
SHEET 1 OF 1

## 3.0 FINDINGS

Table 1 provides a summary of the analytical results for the quarterly water quality monitoring, as well as the applicable NYSDOH Drinking Water Standards and the U.S. EPA clean-up requirement for Tetrachloroethene. As indicated by the laboratory analysis, the treatment system effluent meets the NYSDOH drinking water standards and the USEPA clean-up level of less than one part per billion (ppb) (or non-detectable) for Tetrachloroethene and meets the levels of less than 100 parts per billion for Trihalomethanes.

Tetrachloroethene was detected in the raw water sample, RW, at a concentration of **35** ug/l (ppb), exceeding the NYSDOH drinking water standard for that compound. Three additional VOC's, cis-1, 2-Dichloroethene, Methylene Chloride and Trichloroethene, were detected in RW at concentrations of 1.3 ppb 2.5 ppb and 1.5ppb, respectively. These values are below the NYSDOH drinking water standards.

The results of the sample, DUP, were similar to the results found in the RW sample. The DUP sample and RW sample were both taken from the same raw water tap location.

One VOC, Methylene Chloride, was found in FB, a field blank, at a concentration of 1.1 ppb. This is due to laboratory contamination.

One VOC, Methylene Chloride, was detected in the treated (stripper number 2) water sample, STEFF at a concentration of .8 ppb. This value is below the NYSDOH drinking water standard.

Four VOC's, Dibromochloromethane, Trichloroethene, Methylene Chloride and Bromodichloromethane were found in the distribution water sample, DIST, at concentrations of 3.2 ppb, 3.5 ppb, .6 ppb and 1.3 ppb respectively. These value are well below the NYSDOH drinking water standards.

One VOC, Methylene Chloride was found in the storage blank, STORAGE BLANK , at a concentration of .8 ppb. This is due to laboratory contamination.

One VOC, Methylene Chloride, was found in TB, a trip blank, at a concentration of 1.0 ppb. This is an indication of laboratory contamination.

Two VOC's, Tetrachloroethene and Methylene Chloride, were found in W-4, a monitoring well, at a concentration of .6 ppb and .6 ppb respectively. The value for tetrachloroethene is well below the NYSDOH drinking water standard. Methylene Chloride was also found in the Trip Blank and Field Blank and indicates laboratory contamination.

One VOC, Methylene Chloride, was found in W-11, a monitoring well, at a concentration of .8 ppb. Methylene Chloride was also found in the Trip Blank and Field Blank and indicates laboratory contamination.

Refer to Table 1 for a summary of the groundwater analysis results for volatile organic compounds (VOC's). Table 1 reflects the detectable concentration values which have been altered as a result of data validation. Refer to Appendix A for the data validation report which details the changes in the detectable concentration values discussed above.

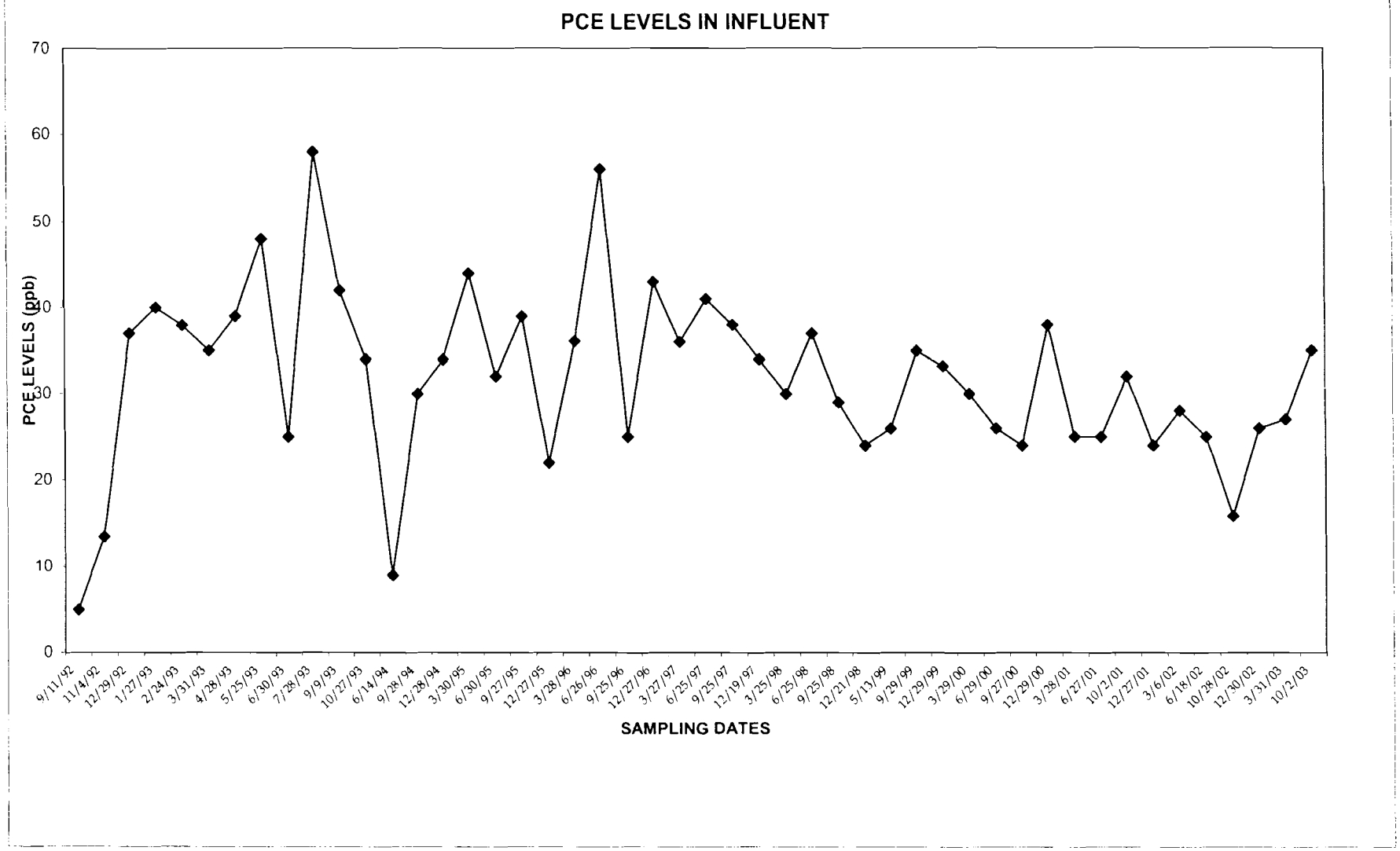
The PCE concentration in the Influent (raw water) has increased over the last sampling event (see Figure 2). To date, the PCE level in the raw water samples is not of significant concern, since the treated water and distribution water samples continue to exhibit non-detectable or insignificant concentrations of PCE. However, changes in PCE levels will continue to be closely monitored.

# Table 1 - SUMMARY OF QUARTERLY ANALYTICAL RESULTS
# KATONAH MUNICIPAL WELL
# October 2003

| Date Collected | 10/2/2003 | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Sample Location** | Raw Water (Influent) | W-4 (Well 4) | W-11 (Well 11) | STEFF (Treated Water) | DIST (Distribution Water) | FB (Field Blank) | TB (Trip Blank) | NYSDOH\ USEPA Standard |
| ***Volatile Organic Compounds (ppb)*** | | | | | | | | |
| Tetrachloroethene | 35.0 | 0.6 | 0.5U | 0.5U | 0.5U | 0.5U | 0.5U | 5/1* |
| Trichloroethene | 1.5 | 0.5U | 0.5U | 0.5U | 3.5 | 0.5U | 0.5U | 5 |
| cis-1,2-Dichloroethene | 1.3 | 0.5U | 0.5U | 0.5U | 0.5U | 0.5U | 0.5U | 5 |
| Methylene Chloride | 2.5BR | .6JBR | .8JBR | 0.8JBR | .6JBR | 1.1B | 1B | 5 |
| Dibromochloromethane | 1U | 0.5U | 0.5U | 0.5U | 3.2 | 0.5U | 0.5U | 50 |
| Bromodichloromethane | 1U | 0.5U | 0.5U | 0.5U | 1.3 | 0.5U | 0.5U | 50 |

* 1 ppb is the USEPA cleanup standard for the site
1 - Determined undetect following data validation
Level exceeds the USEPA/NYSDOH standard
U Denotes detection limit/not detected
J Denotes an estimated value
N Presumptive evidence of a compound
R Determined unusable following data validation
NS No standard
B Denotes Detection in the Field Blank as well.

## KATONAH MUNICIPAL WELL - PCE LEVELS




*ENVIRONMENTAL PLANNING AND MANAGEMENT, INC.*

**FIGURE 2**

## 4.0 FUTURE ACTIONS

Water quality monitoring will continue to be conducted quarterly at the treatment system influent, stripper number 2 effluent, and distribution entry point. Groundwater monitoring well samples will be collected bi-annually.

The next sampling event, the fourth quarterly event for year twelve, is tentatively scheduled for December 17th 2003.

APPENDIX A

Katonah Municipal Well Site
Data Validation
Groundwater Quality Monitoring
Quarterly Report - March 2003

Samples Collected by Environmental Planning & Management, Inc.
Samples Analyzed by SciLab Boston

Data Validation Performed by:

Julie Smith
Environmental Chemist

## PROJECT DESCRIPTION

**Report Prepared by:** Julie Smith, Environmental Chemist

**Date of Validation Report:** November 21, 2003

**EPM Project Name/No.** 23001-Katonah

**Laboratory:** SCILAB Boston, Inc.

**Laboratory Project Name:** SCILAB Work Order 0310-00063

**Laboratory Report Date:** October 28, 2003

**Deliverable Format:** Full Data Package

**Sample Date:** October 2, 2003

**Samples Validated:**

| EPM Sample ID | Laboratory Sample ID |
|---|---|
| RW | 0310-00063-001 |
| RWMS | 0310-00063-001M |
| RWMSD | 0310-00063-001P |
| STEFF | 0310-00063-002 |
| DIST | 0310-00063-003 |
| DUP | 0310-00063-004 |
| W4 | 0310-00063-005 |
| W11 | 0310-00063-006 |
| FB1 | 0310-00063-007 |
| TRIP BLANK | 0310-00063-008 |

**Validation Protocols/ References:**

U.S. Environmental Protection Agency (USEPA) Standard Operating Procedure for the Validation of Organic Data Acquired Using Method 524.2 (Revision 4.1, 1995), Revision 1, October 2001.

U.S. Environmental Protection Agency (USEPA) Measurement of Purgeable Organic Compounds in Water by Capillary Column Gas Chromatography/Mass Spectrometry, Method 524.2, Methods for Chemical Analysis of Water and Wastes, 1995.

U.S. Environmental Protection Agency (USEPA) National Functional Guidelines for Organic Data Review, 1999.

## INTRODUCTION

Data qualification provides guidance regarding data usability. As part of the environmental laboratory analytical reporting process under most environmental methods of analysis, the laboratory is required to append data qualifiers to reported analytical observations to account for minor, acceptable QC deficiencies that arise during the course of standard operations. As part of the analytical data validation process, additional data qualifiers may be applied. These qualifiers are applied for other QC deficiencies that impact data quality but that may not have been identified by the laboratory or that may not be part of the reporting requirement of the applied analytical method. In many cases, the laboratory may be compliant with the requirements of the applied analytical methods but may not be compliant with the data validation review protocols.

In general, the data qualifiers are intended to assist the data user with the overall data interpretation by serving as descriptive indicators of the data quality of the associated analytical observations. There are a number of other data qualifiers that describe the representativeness of the associated data and also serve to provide information about the quality of the associated control data.

**U** The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

**UJ** The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

**J** The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample. When data are qualified as estimated (qualified "J"), there generally is no information on the quantitative impact on the associated result although there may be useful information on the direction of bias of the result

**R** The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet QC criteria. The presence or absence of the analyte cannot be confirmed. In some cases, sample data are qualified as unusable and rejected (qualified "R") due to major method non-compliance or extreme deficiencies in associated QC data. In these cases, there is no information as to the presence or absence of the rejected analyte in the affected sample.

## VALIDATION SUMMARY

The analytical data has been reviewed in accordance with the appropriate regulatory guidelines and/or associated analytical methodology. If required, the data has been qualified, negated, or rejected according to applicable validation protocols and professional judgment. The analytical validation was performed based upon the following parameters:

* Completeness of data package
  Blank Contamination
* Hold Times
* GC/MS Performance Check (Tuning) Summaries
* System Monitoring Compound (Surrogate) Recoveries
* Internal Standard Area Performance
* Initial and Continuing Calibration Results
  Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Summaries
* Laboratory Control Sample
* Target Compound Identification and Quantitation

  * All criteria were met for this parameter

## OVERALL DATA ASSESSMENT

The volatile organics data was validated for compliance with the requirements set forth in Method 524.2 and as described by the National Functional Guidelines for Organic Data Review. With regard to the data package deliverables, most of the data deliverable requirements were met, with the exception of some minor correctable deficiencies. Please note that these deficiencies do not impact data usability. Overall, Scilab Boston has submitted analytical data of acceptable completeness and known quality.

## VOLATILE ORGANIC RESULTS

### Blank Contamination

Laboratory method blanks are clean liquid matrix samples prepared by the laboratory and analyzed in the same manner as the investigative samples. Laboratory method blanks are used to identify whether investigative samples have been contaminated during the sample preparation, sample analysis or from a previous sample (instrument carry-over).

Field-blanks consist of deionized water poured over or through decontaminated sampling equipment and collected into the sample bottles. Field-blanks measure contamination potentially caused by improper decontamination of sampling equipment. Trip-blanks are carbon-free deionized water samples that accompany volatile investigative samples during all stages of shipment, storage and analysis. The trip-blanks are used to assess the potential for artificial introduction of volatile compounds into the investigative samples during the transportation and sample handling processes.

- The VOA target compound, methylene chloride, was detected in the method blank (2.1 µg/L), storage blank (0.8 µg/L), field blank sample (1.1 µg/L) and trip blank sample (1.0 µg/L) associated with Scilab Report 0310-00063. The positive methylene chloride results in the associated project samples are less than 5 times the concentration found in the aforementioned blanks. Therefore the positive methylene chloride results for project samples RW, STEFF, DIST, DUP, W4 and W11 are qualitatively questionable and negated due to laboratory contamination.

- The VOA target compound, chloroform, was also detected in the storage blank (5.4 µg/L). There is minimal impact on the data quality since chloroform was non-detected in the associated project samples. No qualifier is required.

## Hold Times

Technical hold times were assessed by comparing the sample dates with that of the preparation dates and/or analysis dates.

- The sample cooler temperature upon verified time of sample receipt (VTSR) in the laboratory fell within the 4°C (+2°C) requirement. All volatile analyses performed on associated project samples were within the required hold times. No qualifier is required.

## Internal Standard Area Performance

Internal standards are analytes which are added to the investigative samples prior to analysis to ensure that GC/MS sensitivity and responses remain stable. Internal standards are reported with the volatile analyses.

- The volatile internal standard area counts and retention times fell within control limits for the associated project samples. No qualifier is required.

## Matrix Spike/Matrix Spike Duplicate

Matrix spikes are samples spiked with known concentrations of analytes of interest. The MS/MSD percent recoveries and duplicate results are used to assess extraction efficiencies, possible matrix effects, and overall analytical accuracy and precision.

- A matrix spike/matrix spike duplicate was performed on EPM Sample RW. The volatile percent recoveries (%R) and relative percent differences (RPD) fell within control limits (with the exception of chloroethane and 1,1-dichloroethane), providing a positive indication of the overall accuracy associated with these analyses.

- The %R of target compound, chloroethane, fell outside control limits (low) in both the MS and MSD. Therefore, the non-detected chloroethane results for the associated project samples are regarded as estimated values and are flagged (UJ).

- The RPD of target compound, 1,1-dichloroethane, fell outside control limits. No qualifier is required since the recoveries of both the MS and MSD fell within control limits.

## Laboratory Control Sample

The laboratory control sample (LCS) and/or blank spike (BS) are blank samples fortified (spiked) with known concentrations of analytes of interest. The percent recoveries of the LCS and/or BS are used to assess overall analytical accuracy and precision.

- The volatile LCS/BS results fell within acceptable control limits with the exception of methylene chloride (high). The methylene chloride results are negated based on blank contamination, as previously mentioned.

## System Monitoring Compounds (Surrogates)

System monitoring compounds are those compounds that are not expected to be detected in the investigative samples but that are chemically similar to analytes of interest. Surrogate

compound percent recoveries are used to assess extraction efficiencies, possible matrix effects and overall analytical accuracy.

- The recoveries of the volatile surrogates, 4-bromofluorobenzene (BFB) and 1,2-dichlorobenzene-d4 (DCB), fell within control limits for the reviewed project samples associated with Scilab Report 0310-00063. No qualifier is required.

## Initial Calibration and Continuing Calibration Results

Control limits for initial and continuing instrument calibrations are established to ensure that the instrument is capable of producing accurate quantitative data at the beginning and throughout each of the analyses.

- The volatile initial and continuing calibration response factors (RRF), percent relative standard deviations (%RSD) and percent differences (%D) fell within acceptable control limits with the exception of MTBE (44% RSD), 1,1,2,2-tetrachloroethane (24% RSD) and hexachlorobutadiene (22% RSD). No qualifier is required since MTBE, 1,1,2,2-tetrachloroethane and hexachlorobutadiene were calibrated using linear regression ($r > 0.990$) as indicated in the case narrative.

- The RRF of target compound, 1,2-dibromo-3-chloropropane, fell outside control limits ($RRF \leq 0.05$) in the initial and continuing calibration. No qualifier is required since the method specifies that up to any two volatile target compounds may fail to meet minimum RRF or maximum % RSD as long as they have RRFs that are greater than or equal to 0.010, and % RSD of less than or equal to 40 percent.

- In the volatile five-point initial calibration, the RRFs for the lowest calibration standard (0.5 ppb) were omitted for the calculation of the %RSD for target compounds methylene chloride, 1,2,3-trichloropropane, 1,2,3-trichlorobenzene and 1,2-dibromo-3-chloropropane. There is minimal impact on the data quality since Method 524.2 allows for a minimum of a three-point calibration. Accordingly, the CRDL for the aforementioned compunds reflect the lowest concentration of the standard used in the initial calibration (1.0 µg/L). No qualifier is required.

## GC/MS Performance Check (Tuning) Summaries

Gas chromatograph/mass spectrometer (GC/MS) instrument tuning and performance checks are performed to ensure the instrument's ability to provide appropriate mass-resolution, identification and sensitivity.

- The bromofluorobenzene (BFB) tuning compound mass-ion abundance criteria for the volatile organic compound analyses were reported within control limits. All samples were analyzed within eight hours of BFB injection. No qualifier is required.

## Compound Identification and Quantitation

The laboratory calculations are verified and compound identifications are reviewed and assessed by the data reviewer.

In the course of the analytical procedures, it is sometimes necessary to dilute or reanalyze a sample. Frequently, the original analysis and dilution and/or reanalysis are reported by the laboratory and included in the report.

- Samples RW and DUP were analyzed at a 1:2 dilution resulting in elevated detection limits, due to the target compound, tetrachloroethene, concentration exceeding the linear calibration range requirements. No qualifier is required.

**Tentatively Identified Compound**

Area not examined, validation not requested.

## Instrument Performance Check (BFB)

| | | |
|---|---|---|
| 10/9/2002 | meets QC requirements | initial calibraiton |
| 10/9/2003 | meets QC requirements | project samples |

## Initial Calibration 9-Oct-03

| Compound | 0.5 RRF | | 1 RRF | | 10 RRF | | 15 RRF | | 25 RRF | | Mean | STDEV | %RSD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Fluorobenzene (IS) | 6835821 | | 5827365 | | 7673196 | | 7626138 | | 7355501 | | | | |
| Vinyl Chloride | 106375 | 0.311 | 178415 | 0.306 | 2182809 | 0.284 | 3427838 | 0.300 | 5732498 | 0.312 | 0.303 | 0.011 | 3.72 |
| 1,1-dichloroethene | 104130 | 0.305 | 147021 | 0.252 | 1510679 | 0.197 | 2583178 | 0.226 | 4372838 | 0.238 | 0.243 | 0.040 | 16.35 |
| tetrachloroethene | 115042 | 0.337 | 152727 | 0.262 | 2193777 | 0.286 | 3389815 | 0.296 | 5245949 | 0.285 | 0.293 | 0.027 | 9.30 |
| Carbon tetrachloride | 126648 | 0.371 | 188913 | 0.324 | 2368462 | 0.309 | 4117304 | 0.360 | 6573393 | 0.357 | 0.344 | 0.026 | 7.66 |
| Bromoform | 17832 | 0.052 | 18087 | | 514899 | 0.067 | 787407 | 0.069 | 1208588 | 0.066 | 0.067 | 0.008 | 11.35 |
| Trichloroethene | 112659 | 0.330 | 147092 | 0.252 | 2072537 | 0.270 | 3280873 | 0.287 | 4983400 | 0.271 | 0.282 | 0.029 | 10.38 |
| BFB | 1847915 | 0.270 | 1459501 | 0.250 | 2191671 | 0.286 | 2188253 | 0.287 | 2108700 | 0.287 | 0.276 | 0.016 | 5.76 |

All %RSD's <20%

## Continuing Calibration VSTD010 10/9/2003

| Compound | 10 RRF | | % D | Status |
|---|---|---|---|---|
| Fluorobenzene (IS) | 7580090 | | | |
| Vinyl Chloride | 2214491 | 0.2921 | 3.5 | ok |
| 1,1-dichloroethene | 1609070 | 0.2123 | 12.8 | ok |
| tetrachloroethene | 2177613 | 0.2873 | 2.0 | ok |
| Carbon tetrachloride | 2721542 | 0.3590 | -4.3 | ok |
| Bromoform | 430895 | 0.0568 | 15.4 | ok |
| Trichloroethene | 2044173 | 0.2697 | 4.4 | ok |
| BFB | 2057150 | 0.2714 | 1.7 | ok |

All %D's <30%

## Surrogate Recovery

| BFB | Status | 1,2-dichlorobenzene-d4 | Status | Limits |
|---|---|---|---|---|
| VBLK01 | 101 ok | 89 | ok | 80-120 |
| RW | 101 ok | 90 | ok | 80-120 |
| RWMS | 110 ok | 112 | ok | 80-120 |
| RWMSD | 107 ok | 108 | ok | 80-120 |
| STEFF | 112 ok | 96 | ok | 80-120 |
| DIST | 102 ok | 90 | ok | 80-120 |
| DUP | 104 ok | 93 | ok | 80-120 |
| Trip Blank | 100 ok | 91 | ok | 80-120 |
| MSB01 | 105 ok | 108 | ok | 80-120 |
| FB1 | 106 ok | 93 | ok | 80-120 |
| W4 | 105 ok | 93 | ok | 80-120 |
| W11 | 108 ok | 94 | ok | 80-120 |

## Internal Standard Summary

All project samples were analyzed within the internal standard area and retention time control limits.

## Blanks

| | Result |
|---|---|
| Method Blank VBLK01 | 2.1 ug/L methylene chloride |
| Storage Blank | 0.8 ug/L methylene chloride |
| Trip Blank | 1.0 ug/L methylene chloride |
| FB1 | 1.1 ug/L methylene chloride |

The positive methylene chloride results in the samples are less than 5x the concentration in the associated blanks, therefore the results are negated due to laboratory contamination as indicated in the blanks.

## QC

| | Amt in Sample | Matrix Spike | %R | MSD | %R | RPD | %R | RPD |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | 70-130 | 15 |
| Vinyl Chloride | ND | 14.8 | 74 | 14.2 | 71 | -4 | 70-130 | 15 |
| Methylene Chloride | 2.5 | 25.9 | 117 | 25.8 | 117 | 0 | 70-130 | 15 |
| Chloroform | ND | 20.7 | 104 | 19.8 | 99 | -4 | 70-130 | 15 |
| Bromochloromethane | ND | 22 | 110 | 20.6 | 103 | -7 | 70-130 | 15 |
| Trichloroethene | 1.5 | 21.4 | 100 | 20.5 | 95 | -5 | 70-130 | 15 |
| Tetrachloroethene | 34.7 | 53.8 | 96 | 53.5 | 94 | -2 | 70-130 | 15 |
| Dibromochloromethane | ND | 23.2 | 116 | 22 | 110 | -5 | 70-130 | 15 |
| Bromodichloromethane | ND | 22.1 | 111 | 21.1 | 106 | -5 | 70-130 | 15 |

Outside QC limits

## Sample Results

$$ug/L = \frac{(\text{area of compound})(\text{amt of IS in nanograms}) \times df}{(\text{area of IS})(RRT)}$$

Sample ID RW Lab ID 0310-00063-001

| | | | | | | Result | Reported |
|---|---|---|---|---|---|---|---|
| Trichloroethene | 156169 | 10 | 2 | 3123380 | | | |
| | 7600572 | 0.283 | = | 2150961.88 | = | 1.45 ug/L | 1.5 ug/L |
| Tetrachloroetnene | 3872892 | 10 | 2 | 77457840 | | | |
| | 7600572 | 0.2940 | = | 2234568.17 | = | 34.66 ug/L | 35 ug/L |
| cis-1,2-dichloroethene | 131649 | 10 | 2 | 2632980 | | | |
| | 7600572 | 0.2590 | = | 1968548.15 | = | 1.34 ug/L | 1.3 ug/L |

Sample ID DUP Lab ID 0310-00063-004

$$\frac{}{(\text{area of IS})(RRT)}$$

| | | | | | | Result | Reported |
|---|---|---|---|---|---|---|---|
| Trichloroethene | 138619 | 10 | 2 | 2772380 | | | |
| | 7728257 | 0.283 | = | 2187096.73 | = | 1.27 ug/L | 1.3 ug/L |
| Tetrachloroetnene | 3798140 | 10 | 2 | 75962800 | | | |
| | 7728257 | 0.2940 | = | 2272107.56 | = | 33.43 ug/L | 33 ug/L |
| cis-1,2-dichloroethene | 128924 | 10 | 2 | 2578480 | | | |
| | 7728257 | 0.2590 | = | 2001618.56 | = | 1.29 ug/L | 1.3 ug/L |

# APPENDIX B
# LABORATORY ANALYSIS SUMMARY REPORT

SCILAB
Eight School Street
Weymouth, MA 02189
781-337-9334

# Laboratory Report

Report Date 10/10/2003
Workorder No. 0310-00063

Customer: Environmental Planning & Mgmt.
1983 Marcus Avenue
Suite 109
Lake Success, NY 11042

Attention: Mr. Francesco Portelos

Subject: KATONAH: VOC 524

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**Sample:** 001 RW (MS/MSD)
**Date:** 10/02/2003 **Time:** 12:40:00PM
**Matrix:** WATER

| Parameter | Method | Results | Units | PQL | Analyst | Analysis Date | Qual |
|---|---|---|---|---|---|---|---|
| Drinking Water Volatiles | | | ug/L | | NAC | 10/09/2003 | |
| Dichlorodifluoromethane | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| Chloromethane | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| Vinyl Chloride | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| Bromomethane | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| Chloroethane | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| Trichlorofluoromethane | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| 1,1-Dichloroethene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| Methylene Chloride | EPA 524.2 | 2.5 | ug/L | 2.0 | NAC | 10/09/2003 | B |
| Methyl-Tert-Butyl-Ether | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| Trans-1,2-Dichloroethene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| 1,1-Dichloroethane | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| 2,2-Dichloropropane | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| cis-1,2-Dichloroethene | EPA 524.2 | 1.3 | ug/L | 1.0 | NAC | 10/09/2003 | |
| Chloroform | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| Bromochloromethane | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| 1,1,1-Trichloroethane | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| 1,1-Dichloropropene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| Carbon Tetrachloride | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| 1,2-Dichloroethane | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| Benzene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| Trichloroethene | EPA 524.2 | 1.5 | ug/L | 1.0 | NAC | 10/09/2003 | |
| 1,2-Dichloropropane | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| Bromodichloromethane | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| Dibromomethane | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| cis-1,3-Dichloropropene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| Toluene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 CA:2050 NJ: 59744

SCILAB

Customer: Environmental Planning & Mgmt.

Workorder No. 0310-00063

**Sample: 001 RW (MS/MSD)**
(Continued)

| Parameter | Method | Results | Units | PQL | Analyst | Analysis Date | Qual |
|---|---|---|---|---|---|---|---|
| trans-1,3-Dichloropropene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| 1,1,2-Trichloroethane | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| 1,3-Dichloropropane | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| Tetrachloroethene | EPA 524.2 | 35 | ug/L | 1.0 | NAC | 10/09/2003 | |
| Dibromochloromethane | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| 1,2-Dibromoethane | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| Chlorobenzene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| 1,1,1,2-Tetrachloroethane | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| Ethylbenzene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| m & p-Xylene | EPA 524.2 | ND | ug/L | 2.0 | NAC | 10/09/2003 | |
| o-Xylene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| Styrene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| Bromoform | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| Isopropylbenzene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| 1,1,2,2-Tetrachloroethane | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| 1,2,3-Trichloropropane | EPA 524.2 | ND | ug/L | 2.0 | NAC | 10/09/2003 | |
| n-Propylbenzene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| Bromobenzene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| 1,3,5-Trimethylbenzene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| 2-Chlorotoluene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| 4-Chlorotoluene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| tert-Butylbenzene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| 1,2,4-Trimethlybenzene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| sec-Butylbenzene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| 4-Isopropyltoluene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| 1,3-Dichlorobenzene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| 1,4-Dichlorobenzene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| n-Butylbenzene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| 1,2-Dichlorobenzene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| 1,2-Dibromo-3-Chloropropan | EPA 524.2 | ND | ug/L | 2.0 | NAC | 10/09/2003 | |
| 1,2,4-Trichlorobenzene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| Hexachlorobutadiene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| Naphthalene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| 1,2,3-Trichlorobenzene | EPA 524.2 | ND | ug/L | 2.0 | NAC | 10/09/2003 | |
| 4-BROMOFLUOROBENZEN | | 101.3 | % | | NAC | 10/09/2003 | |
| 1,2-DICHLOROBENZENE-D | | 89.8 | % | | NAC | 10/09/2003 | |

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 CA:2050 NJ: 59744

SCILAB

Customer: Environmental Planning & Mgmt.

Workorder No. 0310-00063

Sample: 002 STEFF
Date: 10/02/2003 Time: 12:16:00PM
Matrix: WATER

| Parameter | Method | Results | Units | PQL | Analyst | Analysis Date | Qual |
|---|---|---|---|---|---|---|---|
| Drinking Water Volatiles | | | ug/L | | NAC | 10/09/2003 | |
| Dichlorodifluoromethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Chloromethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Vinyl Chloride | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Bromomethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Chloroethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Trichlorofluoromethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,1-Dichloroethene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Methylene Chloride | EPA 524.2 | 0.8 | ug/L | 1.0 | NAC | 10/09/2003 | JB |
| Methyl-Tert-Butyl-Ether | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Trans-1,2-Dichloroethene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,1-Dichloroethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 2,2-Dichloropropane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| cis-1,2-Dichloroethene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Chloroform | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Bromochloromethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,1,1-Trichloroethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,1-Dichloropropene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Carbon Tetrachloride | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,2-Dichloroethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Benzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Trichloroethene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,2-Dichloropropane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Bromodichloromethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Dibromomethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| cis-1,3-Dichloropropene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Toluene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| trans-1,3-Dichloropropene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,1,2-Trichloroethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,3-Dichloropropane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Tetrachloroethene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Dibromochloromethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,2-Dibromoethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Chlorobenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 CA:2050 NJ: 59744

SCILAB

Customer: Environmental Planning & Mgmt.

Workorder No. 0310-00063

**Sample:** 002 STEFF
(Continued)

| Parameter | Method | Results | Units | PQL | Analyst | Analysis Date | Qual |
|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Ethylbenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| m & p-Xylene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| o-Xylene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Styrene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Bromoform | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Isopropylbenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,1,2,2-Tetrachloroethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,2,3-Trichloropropane | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| n-Propylbenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Bromobenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,3,5-Trimethylbenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 2-Chlorotoluene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 4-Chlorotoluene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| tert-Butylbenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,2,4-Trimethlybenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| sec-Butylbenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 4-Isopropyltoluene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,3-Dichlorobenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,4-Dichlorobenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| n-Butylbenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,2-Dichlorobenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,2-Dibromo-3-Chloropropan | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| 1,2,4-Trichlorobenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Hexachlorobutadiene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Naphthalene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,2,3-Trichlorobenzene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| 4-BROMOFLUOROBENZEN | | 112.0 | % | | NAC | 10/09/2003 | |
| 1,2-DICHLOROBENZENE-D | | 96.0 | % | | NAC | 10/09/2003 | |

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**Sample:** 003 DIST
**Date:** 10/02/2003 **Time:** 12:10:00PM
**Matrix:** WATER

| Parameter | Method | Results | Units | PQL | Analyst | Analysis Date | Qual |
|---|---|---|---|---|---|---|---|
| Drinking Water Volatiles | | | ug/L | | NAC | 10/09/2003 | |

Certifications: MA: MA069 NY:10982 CT. PH0119 RI.A45 CA:2050 NJ: 59744

SCILAB

Customer: Environmental Planning & Mgmt.

Workorder No. 0310-00063

**Sample:** 003 DIST
(Continued)

| Parameter | Method | Results | Units | PQL | Analyst | Analysis Date | Qual |
|---|---|---|---|---|---|---|---|
| Dichlorodifluoromethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Chloromethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Vinyl Chloride | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Bromomethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Chloroethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Trichlorofluoromethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,1-Dichloroethene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Methylene Chloride | EPA 524.2 | 0.6 | ug/L | 1.0 | NAC | 10/09/2003 | JB |
| Methyl-Tert-Butyl-Ether | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Trans-1,2-Dichloroethene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,1-Dichloroethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 2,2-Dichloropropane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| cis-1,2-Dichloroethene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Chloroform | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Bromochloromethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,1,1-Trichloroethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,1-Dichloropropene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Carbon Tetrachloride | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,2-Dichloroethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Benzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Trichloroethene | EPA 524.2 | 3.5 | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,2-Dichloropropane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Bromodichloromethane | EPA 524.2 | 1.3 | ug/L | 0.5 | NAC | 10/09/2003 | |
| Dibromomethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| cis-1,3-Dichloropropene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Toluene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| trans-1,3-Dichloropropene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,1,2-Trichloroethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,3-Dichloropropane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Tetrachloroethene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Dibromochloromethane | EPA 524.2 | 3.2 | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,2-Dibromoethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Chlorobenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,1,1,2-Tetrachloroethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Ethylbenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| m & p-Xylene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| o-Xylene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 CA:2050 NJ: 59744

SCILAB

Customer: Environmental Planning & Mgmt.

Workorder No. 0310-00063

**Sample:** 003 DIST
(Continued)

| Parameter | Method | Results | Units | PQL | Analyst | Analysis Date | Qual |
|---|---|---|---|---|---|---|---|
| Styrene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Bromoform | EPA 524.2 | 3.3 | ug/L | 0.5 | NAC | 10/09/2003 | |
| Isopropylbenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,1,2,2-Tetrachloroethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,2,3-Trichloropropane | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| n-Propylbenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Bromobenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,3,5-Trimethylbenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 2-Chlorotoluene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 4-Chlorotoluene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| tert-Butylbenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,2,4-Trimethylbenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| sec-Butylbenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 4-Isopropyltoluene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,3-Dichlorobenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,4-Dichlorobenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| n-Butylbenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,2-Dichlorobenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,2-Dibromo-3-Chloropropan | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| 1,2,4-Trichlorobenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Hexachlorobutadiene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Naphthalene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,2,3-Trichlorobenzene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| 4-BROMOFLUOROBENZEN | | 102.3 | % | | NAC | 10/09/2003 | |
| 1,2-DICHLOROBENZENE-D | | 89.7 | % | | NAC | 10/09/2003 | |

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**Sample:** 004 DUP
**Date:** 10/02/2003 **Time:** 12:05:00PM
**Matrix:** WATER

| Parameter | Method | Results | Units | PQL | Analyst | Analysis Date | Qual |
|---|---|---|---|---|---|---|---|
| Drinking Water Volatiles | | | ug/L | | NAC | 10/09/2003 | |
| Dichlorodifluoromethane | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| Chloromethane | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| Vinyl Chloride | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| Bromomethane | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 CA:2050 NJ: 59744

SCILAB

Customer: Environmental Planning & Mgmt.

Workorder No. 0310-00063

Sample: 004 DUP
(Continued)

| Parameter | Method | Results | Units | PQL | Analyst | Analysis Date | Qual |
|---|---|---|---|---|---|---|---|
| Chloroethane | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| Trichlorofluoromethane | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| 1,1-Dichloroethene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| Methylene Chloride | EPA 524.2 | 2.6 | ug/L | 2.0 | NAC | 10/09/2003 | B |
| Methyl-Tert-Butyl-Ether | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| Trans-1,2-Dichloroethene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| 1,1-Dichloroethane | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| 2,2-Dichloropropane | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| cis-1,2-Dichloroethene | EPA 524.2 | 1.3 | ug/L | 1.0 | NAC | 10/09/2003 | |
| Chloroform | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| Bromochloromethane | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| 1,1,1-Trichloroethane | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| 1,1-Dichloropropene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| Carbon Tetrachloride | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| 1,2-Dichloroethane | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| Benzene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| Trichloroethene | EPA 524.2 | 1.3 | ug/L | 1.0 | NAC | 10/09/2003 | |
| 1,2-Dichloropropane | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| Bromodichloromethane | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| Dibromomethane | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| cis-1,3-Dichloropropene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| Toluene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| trans-1,3-Dichloropropene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| 1,1,2-Trichloroethane | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| 1,3-Dichloropropane | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| Tetrachloroethene | EPA 524.2 | 33 | ug/L | 1.0 | NAC | 10/09/2003 | |
| Dibromochloromethane | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| 1,2-Dibromoethane | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| Chlorobenzene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| 1,1,1,2-Tetrachloroethane | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| Ethylbenzene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| m & p-Xylene | EPA 524.2 | ND | ug/L | 2.0 | NAC | 10/09/2003 | |
| o-Xylene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| Styrene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| Bromoform | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| Isopropylbenzene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| 1,1,2,2-Tetrachloroethane | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 CA:2050 NJ: 59744

SCILAB

Customer: Environmental Planning & Mgmt.

Workorder No. 0310-00063

**Sample:** 004 DUP
(Continued)

| Parameter | Method | Results | Units | PQL | Analyst | Analysis Date | Qual |
|---|---|---|---|---|---|---|---|
| 1,2,3-Trichloropropane | EPA 524.2 | ND | ug/L | 2.0 | NAC | 10/09/2003 | |
| n-Propylbenzene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| Bromobenzene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| 1,3,5-Trimethylbenzene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| 2-Chlorotoluene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| 4-Chlorotoluene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| tert-Butylbenzene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| 1,2,4-Trimethlybenzene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| sec-Butylbenzene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| 4-Isopropyltoluene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| 1,3-Dichlorobenzene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| 1,4-Dichlorobenzene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| n-Butylbenzene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| 1,2-Dichlorobenzene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| 1,2-Dibromo-3-Chloropropan | EPA 524.2 | ND | ug/L | 2.0 | NAC | 10/09/2003 | |
| 1,2,4-Trichlorobenzene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| Hexachlorobutadiene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| Naphthalene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| 1,2,3-Trichlorobenzene | EPA 524.2 | ND | ug/L | 2.0 | NAC | 10/09/2003 | |
| 4-BROMOFLUOROBENZEN | | 103.8 | % | | NAC | 10/09/2003 | |
| 1,2-DICHLOROBENZENE-D | | 93.1 | % | | NAC | 10/09/2003 | |

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**Sample:** 005 W4
**Date:** *10/02/2003* **Time:** *11:05:00AM*
**Matrix:** WATER

| Parameter | Method | Results | Units | PQL | Analyst | Analysis Date | Qual |
|---|---|---|---|---|---|---|---|
| Drinking Water Volatiles | | | ug/L | | NAC | 10/09/2003 | |
| Dichlorodifluoromethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Chloromethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Vinyl Chloride | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Bromomethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Chloroethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Trichlorofluoromethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,1-Dichloroethene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Methylene Chloride | EPA 524.2 | 0.6 | ug/L | 1.0 | NAC | 10/09/2003 | JB |

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 CA:2050 NJ: 59744

SCILAB

Customer: Environmental Planning & Mgmt.

Workorder No. 0310-00063

**Sample: 005 W4**
(Continued)

| Parameter | Method | Results | Units | PQL | Analyst | Analysis Date | Qual |
|---|---|---|---|---|---|---|---|
| Methyl-Tert-Butyl-Ether | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Trans-1,2-Dichloroethene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,1-Dichloroethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 2,2-Dichloropropane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| cis-1,2-Dichloroethene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Chloroform | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Bromochloromethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,1,1-Trichloroethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,1-Dichloropropene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Carbon Tetrachloride | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,2-Dichloroethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Benzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Trichloroethene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,2-Dichloropropane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Bromodichloromethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Dibromomethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| cis-1,3-Dichloropropene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Toluene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| trans-1,3-Dichloropropene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,1,2-Trichloroethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,3-Dichloropropane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Tetrachloroethene | EPA 524.2 | 0.6 | ug/L | 0.5 | NAC | 10/09/2003 | |
| Dibromochloromethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,2-Dibromoethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Chlorobenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,1,1,2-Tetrachloroethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Ethylbenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| m & p-Xylene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| o-Xylene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Styrene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Bromoform | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Isopropylbenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,1,2,2-Tetrachloroethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,2,3-Trichloropropane | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| n-Propylbenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Bromobenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,3,5-Trimethylbenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 CA:2050 NJ: 59744

SCILAB

Customer: Environmental Planning & Mgmt.

Workorder No. 0310-00063

**Sample: 005 W4**
(Continued)

| Parameter | Method | Results | Units | PQL | Analyst | Analysis Date | Qual |
|---|---|---|---|---|---|---|---|
| 2-Chlorotoluene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 4-Chlorotoluene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| tert-Butylbenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,2,4-Trimethlybenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| sec-Butylbenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 4-Isopropyltoluene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,3-Dichlorobenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,4-Dichlorobenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| n-Butylbenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,2-Dichlorobenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,2-Dibromo-3-Chloropropan | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| 1,2,4-Trichlorobenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Hexachlorobutadiene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Naphthalene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,2,3-Trichlorobenzene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| 4-BROMOFLUOROBENZEN | | 105.0 | % | | NAC | 10/09/2003 | |
| 1,2-DICHLOROBENZENE-D | | 92.9 | % | | NAC | 10/09/2003 | |

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**Sample: 006 W11**
**Date: 10/02/2003 Time: 11:45:00AM**
**Matrix: WATER**

| Parameter | Method | Results | Units | PQL | Analyst | Analysis Date | Qual |
|---|---|---|---|---|---|---|---|
| Drinking Water Volatiles | | | ug/L | | NAC | 10/09/2003 | |
| Dichlorodifluoromethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Chloromethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Vinyl Chloride | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Bromomethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Chloroethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Trichlorofluoromethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,1-Dichloroethene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Methylene Chloride | EPA 524.2 | 0.8 | ug/L | 1.0 | NAC | 10/09/2003 | JB |
| Methyl-Tert-Butyl-Ether | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Trans-1,2-Dichloroethene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,1-Dichloroethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 2,2-Dichloropropane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 CA:2050 NJ: 59744

SCILAB

Customer: Environmental Planning & Mgmt.

Workorder No. 0310-00063

**Sample:** 006 W11
(Continued)

| Parameter | Method | Results | Units | PQL | Analyst | Analysis Date | Qual |
|---|---|---|---|---|---|---|---|
| cis-1,2-Dichloroethene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Chloroform | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Bromochloromethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,1,1-Trichloroethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,1-Dichloropropene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Carbon Tetrachloride | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,2-Dichloroethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Benzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Trichloroethene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,2-Dichloropropane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Bromodichloromethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Dibromomethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| cis-1,3-Dichloropropene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Toluene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| trans-1,3-Dichloropropene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,1,2-Trichloroethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,3-Dichloropropane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Tetrachloroethene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Dibromochloromethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,2-Dibromoethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Chlorobenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,1,1,2-Tetrachloroethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Ethylbenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| m & p-Xylene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| o-Xylene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Styrene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Bromoform | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Isopropylbenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,1,2,2-Tetrachloroethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,2,3-Trichloropropane | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| n-Propylbenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Bromobenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,3,5-Trimethylbenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 2-Chlorotoluene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 4-Chlorotoluene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| tert-Butylbenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,2,4-Trimethlybenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 CA:2050 NJ: 59744

SCILAB

Customer: Environmental Planning & Mgmt.

Workorder No. 0310-00063

**Sample:** 006 W11
(Continued)

| Parameter | Method | Results | Units | PQL | Analyst | Analysis Date | Qual |
|---|---|---|---|---|---|---|---|
| sec-Butylbenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 4-Isopropyltoluene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,3-Dichlorobenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,4-Dichlorobenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| n-Butylbenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,2-Dichlorobenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,2-Dibromo-3-Chloropropan | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| 1,2,4-Trichlorobenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Hexachlorobutadiene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Naphthalene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,2,3-Trichlorobenzene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| 4-BROMOFLUOROBENZEN | | 107.6 | % | | NAC | 10/09/2003 | |
| 1,2-DICHLOROBENZENE-D | | 93.6 | % | | NAC | 10/09/2003 | |

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**Sample:** 007 FB1
**Date:** 10/02/2003 **Time:** 11:40:00AM
**Matrix:** WATER

| Parameter | Method | Results | Units | PQL | Analyst | Analysis Date | Qual |
|---|---|---|---|---|---|---|---|
| Drinking Water Volatiles | | | ug/L | | NAC | 10/09/2003 | |
| Dichlorodifluoromethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Chloromethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Vinyl Chloride | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Bromomethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Chloroethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Trichlorofluoromethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,1-Dichloroethene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Methylene Chloride | EPA 524.2 | 1.1 | ug/L | 1.0 | NAC | 10/09/2003 | B |
| Methyl-Tert-Butyl-Ether | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Trans-1,2-Dichloroethene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,1-Dichloroethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 2,2-Dichloropropane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| cis-1,2-Dichloroethene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Chloroform | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Bromochloromethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,1,1-Trichloroethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |

SCILAB

Customer: Environmental Planning & Mgmt.

Workorder No. 0310-00063

**Sample:** 007 FB1
(Continued)

| Parameter | Method | Results | Units | PQL | Analyst | Analysis Date | Qual |
|---|---|---|---|---|---|---|---|
| 1,1-Dichloropropene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Carbon Tetrachloride | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,2-Dichloroethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Benzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Trichloroethene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,2-Dichloropropane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Bromodichloromethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Dibromomethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| cis-1,3-Dichloropropene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Toluene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| trans-1,3-Dichloropropene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,1,2-Trichloroethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,3-Dichloropropane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Tetrachloroethene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Dibromochloromethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,2-Dibromoethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Chlorobenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,1,1,2-Tetrachloroethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Ethylbenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| m & p-Xylene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| o-Xylene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Styrene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Bromoform | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Isopropylbenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,1,2,2-Tetrachloroethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,2,3-Trichloropropane | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| n-Propylbenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Bromobenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,3,5-Trimethylbenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 2-Chlorotoluene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 4-Chlorotoluene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| tert-Butylbenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,2,4-Trimethlybenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| sec-Butylbenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 4-Isopropyltoluene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,3-Dichlorobenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,4-Dichlorobenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 CA:2050 NJ: 59744

SCILAB

Customer: Environmental Planning & Mgmt.

Workorder No. 0310-00063

**Sample:** 007 **FB1**
(Continued)

| Parameter | Method | Results | Units | PQL | Analyst | Analysis Date | Qual |
|---|---|---|---|---|---|---|---|
| n-Butylbenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,2-Dichlorobenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,2-Dibromo-3-Chloropropan | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| 1,2,4-Trichlorobenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Hexachlorobutadiene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Naphthalene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,2,3-Trichlorobenzene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| 4-BROMOFLUOROBENZEN | | 105.6 | % | | NAC | 10/09/2003 | |
| 1,2-DICHLOROBENZENE-D | | 93.2 | % | | NAC | 10/09/2003 | |

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**Sample:** 008 **TRIP BLANK**
**Date:** 10/02/2003
**Matrix:** WATER

| Parameter | Method | Results | Units | PQL | Analyst | Analysis Date | Qual |
|---|---|---|---|---|---|---|---|
| Drinking Water Volatiles | | | ug/L | | NAC | 10/09/2003 | |
| Dichlorodifluoromethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Chloromethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Vinyl Chloride | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Bromomethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Chloroethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Trichlorofluoromethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,1-Dichloroethene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Methylene Chloride | EPA 524.2 | 1.0 | ug/L | 1.0 | NAC | 10/09/2003 | B |
| Methyl-Tert-Butyl-Ether | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Trans-1,2-Dichloroethene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,1-Dichloroethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 2,2-Dichloropropane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| cis-1,2-Dichloroethene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Chloroform | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Bromochloromethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,1,1-Trichloroethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,1-Dichloropropene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Carbon Tetrachloride | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,2-Dichloroethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Benzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 CA:2050 NJ: 59744

SCILAB

Customer: Environmental Planning & Mgmt.

Workorder No. 0310-00063

Sample: 008 TRIP BLANK
(Continued)

| Parameter | Method | Results | Units | PQL | Analyst | Analysis Date | Qual |
|---|---|---|---|---|---|---|---|
| Trichloroethene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,2-Dichloropropane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Bromodichloromethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Dibromomethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| cis-1,3-Dichloropropene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Toluene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| trans-1,3-Dichloropropene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,1,2-Trichloroethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,3-Dichloropropane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Tetrachloroethene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Dibromochloromethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,2-Dibromoethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Chlorobenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,1,1,2-Tetrachloroethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Ethylbenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| m & p-Xylene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| o-Xylene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Styrene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Bromoform | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Isopropylbenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,1,2,2-Tetrachloroethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,2,3-Trichloropropane | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| n-Propylbenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Bromobenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,3,5-Trimethylbenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 2-Chlorotoluene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 4-Chlorotoluene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| tert-Butylbenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,2,4-Trimethlybenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| sec-Butylbenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 4-Isopropyltoluene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,3-Dichlorobenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,4-Dichlorobenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| n-Butylbenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,2-Dichlorobenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,2-Dibromo-3-Chloropropan | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| 1,2,4 Trichlorobenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 CA:2050 NJ: 59744

SCILAB

Customer: Environmental Planning & Mgmt.

Workorder No. 0310-00063

**Sample:** 008 **TRIP BLANK**
(Continued)

| Parameter | Method | Results | Units | PQL | Analyst | Analysis Date | Qual |
|---|---|---|---|---|---|---|---|
| Hexachlorobutadiene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Naphthalene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,2,3-Trichlorobenzene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| 4-BROMOFLUOROBENZEN | | 100.1 | % | | NAC | 10/09/2003 | |
| 1,2-DICHLOROBENZENE-D | | 91.1 | % | | NAC | 10/09/2003 | |

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**Sample:** 009 **STORAGE BLANK**
**Date:** 10/03/2003 **Time:** 12:00:00PM
**Matrix:** WATER

| Parameter | Method | Results | Units | PQL | Analyst | Analysis Date | Qual |
|---|---|---|---|---|---|---|---|
| Drinking Water Volatiles | | | ug/L | | NAC | 10/09/2003 | |
| Dichlorodifluoromethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Chloromethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Vinyl Chloride | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Bromomethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Chloroethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Trichlorofluoromethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,1-Dichloroethene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Methylene Chloride | EPA 524.2 | 0.8 | ug/L | 1.0 | NAC | 10/09/2003 | JB |
| Methyl-Tert-Butyl-Ether | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Trans-1,2-Dichloroethene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,1-Dichloroethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 2,2-Dichloropropane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| cis-1,2-Dichloroethene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Chloroform | EPA 524.2 | 5.4 | ug/L | 0.5 | NAC | 10/09/2003 | |
| Bromochloromethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,1,1-Trichloroethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,1-Dichloropropene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Carbon Tetrachloride | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,2-Dichloroethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Benzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Trichloroethene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,2-Dichloropropane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Bromodichloromethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Dibromomethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 CA:2050 NJ: 59744

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Customer: Environmental Planning & Mgmt.

Workorder No. 0310-00063

Sample: 009 STORAGE BLANK
(Continued)

| Parameter | Method | Results | Units | PQL | Analyst | Analysis Date | Qual |
|---|---|---|---|---|---|---|---|
| cis-1,3-Dichloropropene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Toluene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| trans-1,3-Dichloropropene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,1,2-Trichloroethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,3-Dichloropropane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Tetrachloroethene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Dibromochloromethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,2-Dibromoethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Chlorobenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,1,1,2-Tetrachloroethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Ethylbenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| m & p-Xylene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| o-Xylene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Styrene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Bromoform | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Isopropylbenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,1,2,2-Tetrachloroethane | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,2,3-Trichloropropane | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| n-Propylbenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Bromobenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,3,5-Trimethylbenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 2-Chlorotoluene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 4-Chlorotoluene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| tert-Butylbenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,2,4-Trimethlybenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| sec-Butylbenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 4-Isopropyltoluene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,3-Dichlorobenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,4-Dichlorobenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| n-Butylbenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,2-Dichlorobenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,2-Dibromo-3-Chloropropan | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| 1,2,4-Trichlorobenzene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Hexachlorobutadiene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| Naphthalene | EPA 524.2 | ND | ug/L | 0.5 | NAC | 10/09/2003 | |
| 1,2,3-Trichlorobenzene | EPA 524.2 | ND | ug/L | 1.0 | NAC | 10/09/2003 | |
| 4-BROMOFLUOROBENZEN | | 96.9 | % | | NAC | 10/09/2003 | |

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 CA:2050 NJ: 59744

SCILAB

Customer: Environmental Planning & Mgmt.

Workorder No. 0310-00063

**Sample: 009 STORAGE BLANK**
(Continued)

| Parameter | Method | Results | Units | PQL | Analyst | Analysis Date | Qual |
|---|---|---|---|---|---|---|---|
| 1,2-DICHLOROBENZENE-D | | 82.8 | % | | NAC | 10/09/2003 | |

To the best of my knowledge this report is true and accurate.

Authorized By: _____

John J. Sulkowski, Lab Director

# SciLab

www.scilabs.com

## Chain of Custody Record

SciLab Boston, Inc.
8 School Street
Weymouth, MA 02189
781.337.9334 Ph 781.337.7642 Fax

SciLab Job No: 0310-063
Page 1 of 1
Due Date:
☐ 1 Day ☐ 2 Day ☐ 3 Day ☐ 5 Day ☐ 7 Day ☒ 10 Day
Temp Upon Receipt: 6 °C
Data Package:
P.O.#

Company: EPM Inc.
Address: 1983 Marcus Ave.
Phone: 516-328-1194 Fax 1: 516-328-1381 Fax 2:
Client Contact: Francesco Portelos Email: fportelos@epmcorp.com
Project Name: Katonah Project Number: 23001 Project State: NY

Matrix: A-Water S-Soil/Solids SL-Sludge O/L-Oil CH-Chips WI-Wipes C-Cassettes W-Waste O-Other
Container: P-Plastic G-Glass V-Voa

| Lab ID | Client Sample Identification | Matrix | Container Size | Container Type | Container # | Sampling Information Date | Time | Tech | Grab (G) or Composite (C) | Preservatives | Sample pH at Login | VOCs 524.2 Rev 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | RW | W | V | V | 2 | 10/2/03 | 12:40 | FP/MA | G | HCl | | |
| 2 | STEFF | | | | 2 | | 12:16 | | | | | |
| 3 | DIST | | | | 2 | | 12:10 | | | | | |
| 4 | DUP | | | | 1 | | 12:05 | | | | | |
| 5 | W4 | | | | 2 | | 11:05 | | | | | |
| 6 | W11 | | | | 2 | | 11:45 | | | | | |
| 7 | FB1 | | | | 1 | | 11:40 | | | | | |
| 8 | Trip Blank | | | | 1 | | — | | | | | |
| 1 | RW MS/MSD | | | | 1 | | 12:41 | | | | | |
| 9 | Storage Blank | W | 40mL | V | 1 | 10/3/03 | NA | MP | | | | |

Notes: ASP B NYS

| | | | | | |
|---|---|---|---|---|---|
| Sampled By: (Print) Francesco Portelos | Date 10/2/03 | Received By: (Print) | Date: | | |
| (Sign) | Time: | (Sign) | Time: | | |
| Relinquished By: (Print) F. Portelos | Date: 10/2/03 | Received By: (Print) | Date: | | |
| (Sign) | Time: 4:00PM | (Sign) | Time: | | |
| Relinquished By: (Print) | Date: | Received For Laboratory By: Mark Porta | Date: 10/3/03 | | |
| (Sign) | Time: | (Sign) | Time: 9:15 | | |