Environmental Planning & Management, Inc.
1983 Marcus Ave., Suite 109
Lake Success, New York 11042
(516) 328-1194
Fax (516) 328-1381

LETTER OF TRANSMITTAL

Date: 01/02/07	Job No. 26001
Attention: Mr. Carl Hoffman	
Re: *Katonah Quarterly Water Monitoring*	

TO:

NYSDEC
625 Broadway
Albany, NY 12233-7013

WE ARE SENDING YOU: ■ Included ☐ Under separate cover via _____ the following items:

☐ Shop Drawings ☐ Prints ☐ Plans ☐ Qualifications ☐ Specifications

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1	1/2/07		*Katonah Quarterly Water Monitoring Report*

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REMARKS

If there are any questions. please call me.

COPY TO *File*

SIGNED _____

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JAN 3 2008
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ENVIRONMENTAL
PLANNING &
MANAGEMENT, INC.

James Hahn
James J. Hahn Engineering
Putnam Business Park
1689 Route 22
Brewster, NY 10509

2007,... not 2008

December 31st, 2008

Dear Mr. Hahn:

Enclosed please find the quarterly monitoring report for the end of the 3rd quarter of 2007 for the Katonah Municipal Wells and DEP Well, Town of Bedford, Westchester County, New York (NYSDEC Site ID # 3-60-007).

Please call me with any questions.

Sincerely,

Darren Frank
Project Scientist

cc: Kenneth Caffrey, PE, NYSDOH
Carl Hoffman, NYSDEC
William Nixon, Town of Bedford
Paul Kutzy, Westchester County DOH
Damian Duda, USEPA Region 2

GROUNDWATER QUALITY MONITORING
QUARTERLY REPORT
OCTOBER - 2007
KATONAH MUNICIPAL WELLS
TOWN OF BEDFORD
WESTCHESTER, NEW YORK
NYSDEC SITE ID # 3-60-007

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

TABLE OF CONTENTS

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 end of the 3rd quarter of 2007. Sampling of the remedial system was conducted on October 2nd and the monitoring wells on the 4th of 2007.

2.0 SAMPLE COLLECTION

Environmental Planning & Management, Inc., collected samples on October 2nd and 4th, 2007. Three sample sets 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). One field duplicate sample (DUP) of was collected on October 2nd, 2007 of the STEFF sampling tap. Samples were also collected from three monitoring wells, W4, W11 and the DEP well located on the DEP's south adjacent property on October 4th, 2007. Sample locations are shown on Figure 1 - Sampling 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 Accutest laboratories, in accordance with CLP methods, for volatile organics (Principal Organic Contaminants), by method 524.2, revision number 3.

3.0 FINDINGS

VOC Analysis

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 (untreated) sample, RW, at a concentration of 40.4ug/l (ppb), exceeding the NYSDOH drinking water standard for that compound. Trichloroethene and cis-1,2-Dichloroethene were also found in sample, RW, at concentrations of 1.0ppb and 0.99ppb respectively.

No VOC's were detected in the treated (stripper number 2) water sample, STEFF.

Two VOC's, Dibromochloromethane and Bromodichloromethane were found in the distribution water sample, DIST, at concentrations of 3.4ppb and 1.6ppb respectively. These values are well below the NYSDOH drinking water standards.

No VOC's, were detected in the field blank water sample, FB.

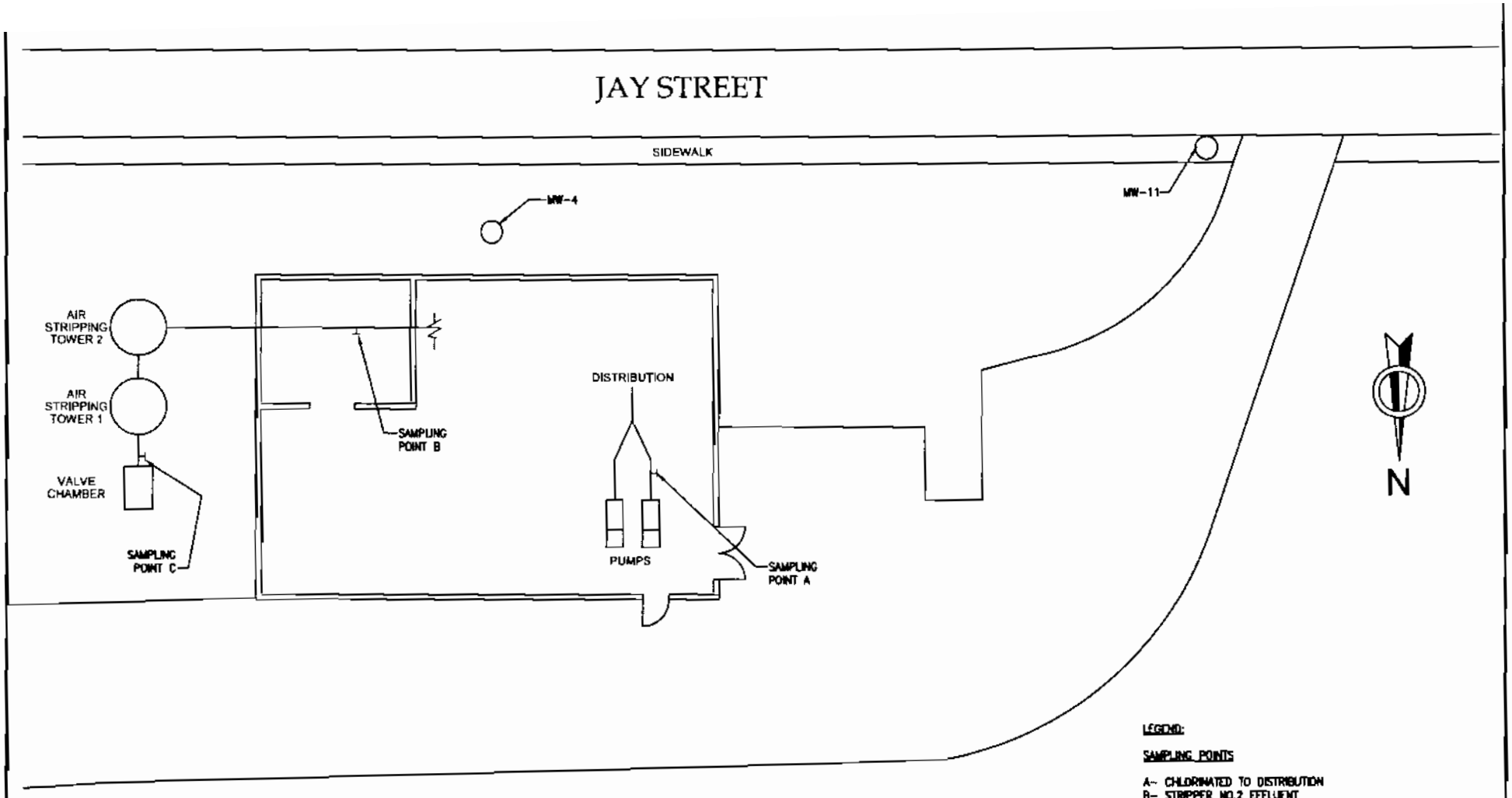
Analytical results found in DUP, a duplicate sample of the water sample, (stripper number 2), are similar.

The compound cis-1,2-Dichloroethene was detected in monitoring well 4, W4, at a concentration of 1.2ppb which is below the NYSDOH Drinking Water Standard and the U.S. EPA clean-up requirement of 5ppb.

Tetrachloroethene was detected in monitoring well 11, W11, at a concentration of 0.51ppb which is below the NYSDOH Drinking Water Standard and the U.S. EPA clean-up requirement of 5ppb.

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 qualified 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.

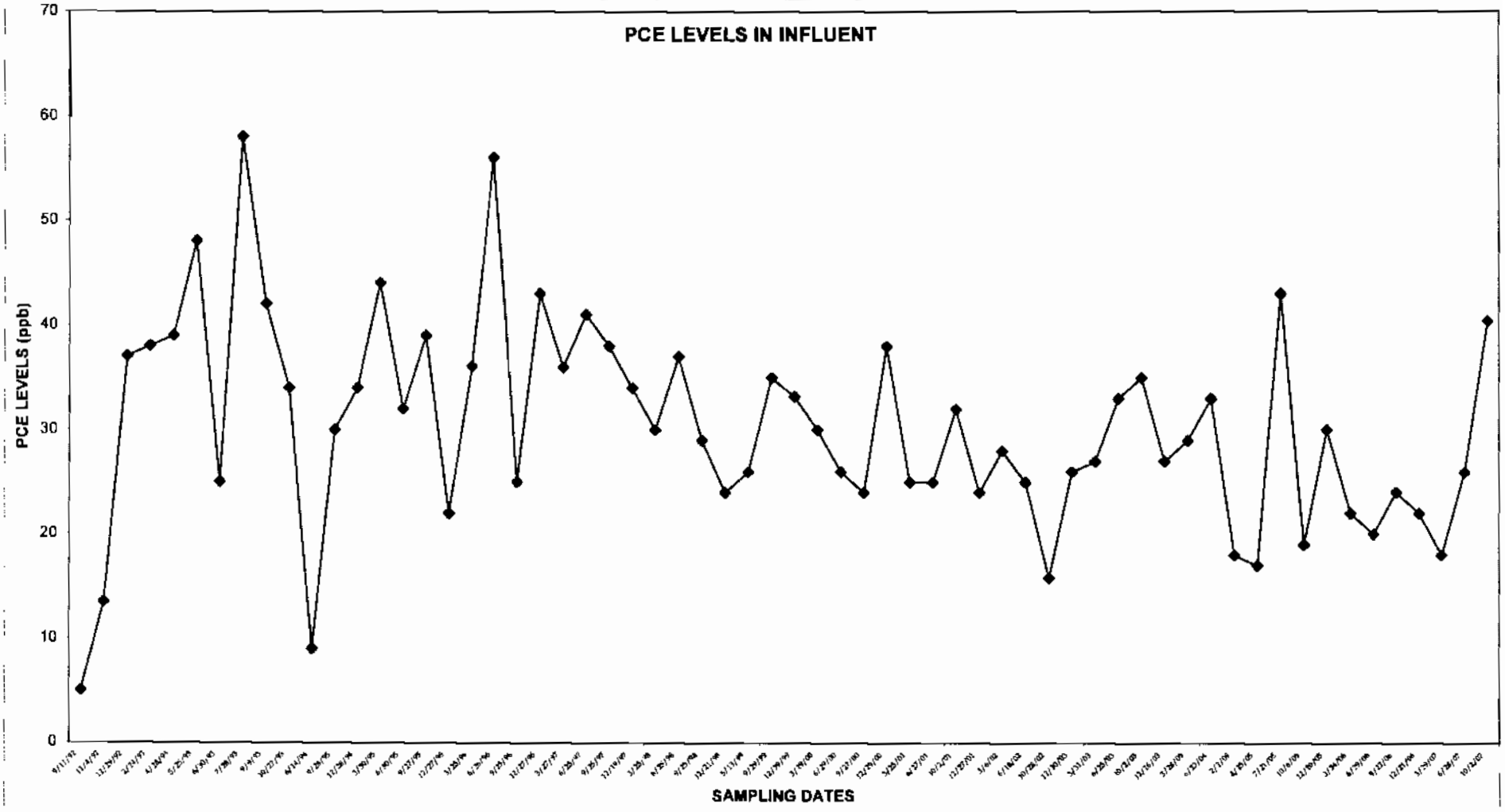


PEM ENVIRONMENTAL PLANNING & MANAGEMENT, INC. 1983 MARCUS AVENUE SUITE 109 LAKE SUCCESS, NEW YORK 11042	DRAWN BY: AMR	DATE:	CLIENT: KATONAH MUNICIPAL WATER SYSTEM	TITLE: SIMPLIFIED SAMPLING LOCATION SCHEMATIC	DRAWING NO. FIG. 1
	CHECKED BY: FP	FILENAME: KATONAH		PROJECT LOCATION: KATONAH MUNICIPAL WATER SYSTEM KATONAH, NEW YORK	SHEET 1 OF 1
	APPR'VD BY: ASG	SCALE: NOT TO SCALE			
	PATH: C:\AMR\BEDFORD\KATONAH\22001DWGS				

Table 1 - SUMMARY OF QUARTERLY VOC RESULTS KATONAH MUNICIPAL WELL								
Date Collected	10/2/2007							
Sample Location	Raw Water (Influent)	STEFF DUP	STEFF (Treated Water)	DIST (Distribution Water)	W4 (Well 4)	W11 (Well 11)	FB (Field Blank)	NYSDOH\ USEPA Standard
Volatile Organic Compounds (ppb)								
Tetrachloroethene	40.4	<0.17 U	<0.17 U	<0.17 U	<0.17 U	0.51	<0.17 U	5/1*
Trichloroethene	1.0	<0.29 U	<0.29 U	<0.29 U	<0.29 U	<0.29 U	<0.29 U	5
cis-1,2-Dichloroethene	0.99	<0.081 U	<0.081 U	<0.11 U	1.2	<0.081 U	<0.081 U	5
Methylene Chloride	<0.15 U	<0.15 U	<0.15 U	<0.15 U	<0.15 U	<0.15 U	<0.15 U	5
Dibromochloromethane	<0.074 U	<0.074 U	<0.074 U	3.4	<0.074 U	<0.074 U	<0.074 U	50
Bromodichloromethane	<0.091 U	<0.091 U	<0.091 U	1.6	<0.091 U	<0.091 U	<0.091 U	50

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

Figure 2


PCE LEVELS IN INFLUENT
PCE LEVELS (ppb)
0
10
20
30
40
50
60
70
SAMPLING DATES

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. EPM will communicate with the Town of Bedford Water Department to schedule a date when all the taps are available for sampling.

The next sampling event, the end of the second quarterly event for year sixteen, is tentatively scheduled for the end of December 2007.

APPENDIX A

Katonah Municipal Well Site
Data Validation
Groundwater Quality Monitoring
Quarterly Report – October 2007

Samples Collected by Environmental Planning & Management, Inc.
Samples Analyzed by Accustest

Data Validation Performed by:

Megan Drosky
Environmental Scientist

C.T. MALE ASSOCIATES, P.C.

50 Century Hill Drive, P.O. Box 727, Latham, New York 12110-0727
518.786.7400 FAX 518.786.7299 ctmale@ctmale.com

November 15, 2007

Mr. Darren Frank
Environmental Planning & Management, Inc.
1983 Marcus Ave. Suite 109
Lake Success, New York 11042

RE: Data Validation Report and Returning Data Package
C.T. Male Project No.: 07.7960

Dear Mr. Frank:

Enclosed are C.T. Male Associates, P.C. data validation report (original and one copy) dated November 13, 2007 for the Katonah 3rd Quarter 2007 Water Sampling project; and the original data package being returned to you.

Please call me at (518) 786-7492 (direct #) or email me at l.rovers@ctmale.com if you have any questions. C.T. Male Associates, P.C. has appreciated the opportunity to provide these services.

Sincerely,

C.T. MALE ASSOCIATES, P.C.

Elizabeth W. Rovers

Elizabeth W. Rovers, P.E.
Managing Engineer

Enclosures

C.T. MALE ASSOCIATES, P.C.

50 Century Hill Drive, P.O. Box 727, Latham, New York 12110-0727
518.786.7400 FAX 518.786.7299 ctmale@ctmale.com

November 13, 2007

Mr. Darren Frank
Environmental Planning & Management, Inc.
1983 Marcus Ave. Suite 109
Lake Success, New York 11042

Re: Data Validation – Katonah - 3rd Quarter 2007 Water Sampling
C.T. Male Project No.:07.7690

Dear Mr. Frank:

This Data Validation Summary Report for organic analysis was generated for the samples collected in association with the field investigation for the Katonah 3rd Quarter 2007 Water Sampling. Five (5) water samples were collected on October 2 and 4, 2007. The samples were submitted, along with an equipment blank and a trip blank to Accutest Laboratories (Accutest) in Dayton, New Jersey for volatile organic analysis (VOA) by the United States Environmental Protection Agency (USEPA) Method 524.2 by Gas Chromatography / Mass Spectrometry (GC/MS).

C. T. Male Associates, P. C. evaluated the data reported by the laboratory to determine data usability and deviations in accordance with the *USEPA Region II Standard Operation Procedure for the Validation of Organic Data Acquired Using Method 524.2* (October 2001); with guidance from the *USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review* (October 1999); and the appropriate method from the *New York State Department of Environmental Conservation (NYSDEC) Analytical Service Protocols (ASP)*, where applicable. The following criteria were reviewed:

- Completeness of data package as defined under the requirements for the NYSDEC ASP Category B or USEPA CLP deliverables;
- Holding time compliance for chemical analysis;
- Protocol required limits and specification compliance for quality control (QC) data (e.g., instrument tuning, calibration standards, blank results, spike results, duplicate results, etc);
- Contract compliance for analytical protocols;
- Omissions and transcription errors; and
- Data qualification.

1.0 Data Completeness

Documentation required by the project was included in the data package. There were no discrepancies found between the raw data and summary forms. The laboratory Case Narratives (Attachment A) identified deviations from laboratory analytical specifications. QC exceedences and data qualification recommendations are presented in the Data Evaluation Checklists (Attachment B). Qualified sample results are presented in the laboratory summary forms, which are located in Attachment C. QC exceedences and data qualification recommendations are summarized below.

2.0 Sample Condition Upon Receipt

Accutest received all the samples listed on the chain of custody (COC) records intact and in good condition. The temperature of samples was within laboratory specification limits of 2 to 6°C upon receipt.

3.0 VOA by USEPA Method 524.2 GC/MS

3.1 Holding Times

The project samples were analyzed beyond the acceptable NYSDEC ASP holding time of 10 days from Verified Time of Sample Receipt (VTSR) for the preserved water samples. The results have been qualified as estimated / biased low (J/UJ) due to holding time noncompliance. However it should be noted that the samples were analyzed within the USEPA-established holding time of 14 days from collection for the preserved samples.

3.2 GC/MS Instrument Performance Check and Calibration

All samples were analyzed within 12 hours of the performance check standard, BFB. Percent relative abundance of all ions met the criteria specified in Table 3 of the USEPA Method 524.2. Laboratory specifications were met during the initial and continuing calibrations associated with the project samples. In addition the average relative response factor (RRF) was greater than or equal to 0.05 for target analytes during the initial and continuing calibrations. The percent relative standard deviation (%RSD) between RRF was less than or equal to 30% during the initial calibration, and the percent difference (%D) between the initial calibration average RRF and continuing calibration RRF was less than or equal to 25% for target analytes except the following:

- Initial calibrations
  - 10/02/07: Acetone and 2-butanone during the initial calibration associated with the analyses of samples DIST, W4, W11, FB and Trip Blank. The associated results have been qualified as estimated (J/UJ) due to poor correlation in the initial calibration standards.
  - 10/11/07: Acetone and 2-butanone during the initial calibration associated with the analyses of samples STEFF, RW, DUP and Trip Blank. The associated results have been qualified as estimated (J/UJ) due to poor correlation in the initial calibration standards.
- Continuing calibrations
  - 10/16/07: Dichlorodifluoromethane, trichlorofluoromethane, acetone, 2-butanone, carbon tetrachloride, dibromomethane, bromodichloromethane, 1,1,2-trichloroethane, 1,3-dichloropropane, dibromochloromethane, 1,1,1,2-tetrachloroethane, bromoform, 1,1,2,2-tetrachloroethane and 1,2,3-trichloropropane during the continuing calibration associated with the analyses of samples STEFF, RW, DUP and Trip Blank. The associated results have been qualified as estimated (J/UJ) due to poor correlation in the calibration standards.
  - 10/16/07: Bromomethane, acetone, 2-butanone, carbon tetrachloride, 1,2-dichloroethane, bromoform and 1,2-dibromo-3-chloropropane during the continuing calibration associated with the analysis of sample DIST. The associated results have been qualified as estimated (J/UJ) due to poor correlation in the calibration standards.

- 10/16/07: Dichlorodifluoromethane, chloromethane, acetone and 2-butanone during the continuing calibration associated with the analyses of samples W4, W11 and Trip Blank. The associated results have been qualified as estimated (J/UJ) due to poor correlation in the calibration standards.
- 10/17/07: Bromomethane, chloroethane, trichlorofluoromethane, acetone, 2-butanone, 2,2-dichloropropane, carbon tetrachloride, 1,2-dichloroethane and 1,2,3-trichloropropane during the continuing calibration associated with the analysis of sample FB. The associated results have been qualified as estimated (J/UJ) due to poor correlation in the calibration standards.

3.3 Surrogate Recovery and Internal Standards

Surrogate recovery and internal standard results met laboratory specifications for project samples.

3.4 Laboratory Control Sample (LCS)

The percent recovery (%R) results for LCS analyses were within laboratory specifications for the target analytes except the following:

- V2B1627-BS: The %R exceeded specifications for chloroethane, chloromethane, dichlorofluoromethane, trichlorofluoromethane and vinyl chloride during the LCS analysis associated with the analyses of samples STEFF, RW, DUP and Trip Blank. The associated detected results have been qualified as estimated (J) due to analytical inaccuracy.
- V3B1260-BS: The %R exceeded specifications for bromomethane during the LCS analysis associated with the analysis of sample DIST. The associated detected results have been qualified as estimated (J) due to analytical inaccuracy.
- V3B1262-BS: The %R exceeded specifications for bromomethane, chloroethane and trichlorofluoromethane during the LCS analysis associated with the analysis of sample FB. The associated detected results have been qualified as estimated (J) due to analytical inaccuracy.

3.5 Matrix Spike and Matrix Spike Duplicate (MS/MSD)

Criteria for accuracy and precision were met during the MS/MSD analysis of sample RW for target analytes.

3.6 Method Blanks, Field Blanks and Trip Blanks

A method blank was reported for each analytical batch. A trip blank and a field blank were submitted to the laboratory for VOA. Target analytes were not detected during the analyses of the blanks associated with the project samples.

3.7 Laboratory Duplicate

A laboratory duplicate evaluation was performed on sample DIST. Refer to Attachment B-1 for the duplicate evaluation. Chloroform results have been qualified as estimated (J) due to analytical imprecision.

3.8 Field Duplicates

A field duplicate evaluation was performed on samples DUP (blind field duplicate) and STEFF. Criteria for precision was achieved as the target analytes were not detected.

Summary

Overall, data quality objectives were met, as there were no data deficiencies that would indicate the need for re-sampling. All data reviewed is considered to be valid and usable with the appropriate qualifiers as noted in the data summary forms located in Attachment C. No analytical data has been rejected.

If you have any questions please contact me at (518) 786-7400.

Sincerely,

C. T. MALE ASSOCIATES, P. C.

Megan Drosky

Megan Drosky
Environmental Scientist

Enclosures

ATTACHMENT A
Case Narratives

ACCUTEST. Laboratories

CASE NARRATIVE / CONFORMANCE SUMMARY

Client: Environmental Planning and Management Job No J73413

Site: Katonah, Katonah, NY Report Date 10/27/2007 1:28:51 PM

On 10/05/2007, 3 Sample(s), 1 Trip Blank(s) and 1 Field Blank(s) were received at Accutest Laboratories at a temperature of 2.4 C. Samples were intact and properly preserved, unless noted below. An Accutest Job Number of J73413 was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Volatiles by GCMS By Method EPA 524.2 REV 4.1

Matrix AQ Batch ID: V3B1261

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) J73316-1MS, J73316-2DUP were used as the QC samples indicated.

Matrix AQ Batch ID: V3B1262

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) J73491-1MS, J73491-2DUP were used as the QC samples indicated.
- Blank Spike Recovery(s) for Bromomethane, Chloroethane, Trichlorofluoromethane are outside control limits. High percent recoveries and no associated positive found in the QC batch.
- RPD(s) for Duplicate for 2-Butanone are outside control limits for sample J73491-2DUP. High RPD due to low concentration of hit

Metals By Method SW846 6010B

Matrix AQ Batch ID: MP41265

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) J73259-1FMS, J73259-1FMSD, J73259-1FSDL were used as the QC samples for metals.
- Matrix Spike / Matrix Spike Duplicate Recovery(s) for Calcium are outside control limits. Spike recovery indicates possible matrix interference.
- Matrix Spike / Matrix Spike Duplicate Recovery(s) for Iron, Manganese are outside control limits. Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.

Wet Chemistry By Method EPA 300/SW846 9056

Matrix AQ Batch ID: GP41452

- All samples were prepared within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) J73961-1DUP, J73961-1MS were used as the QC samples for Chloride.

Wet Chemistry By Method SM19 2510B/SW9050A

Matrix	AQ	Batch ID:	GN8372

- Sample(s) J73413-1DUP were used as the QC samples for Specific Conductivity.

Wet Chemistry By Method SM20 4500H B

Matrix	AQ	Batch ID:	R67242

- The data for SM20 4500H B meets quality control requirements.
- J73413-1 for pH: Sample received out of holding time for pH analysis.

Matrix	AQ	Batch ID:	R67243

- The data for SM20 4500H B meets quality control requirements.
- J73413-2 for pH: Sample received out of holding time for pH analysis.

Matrix	AQ	Batch ID:	R67244

- The data for SM20 4500H B meets quality control requirements.
- J73413-3 for pH: Sample received out of holding time for pH analysis.

Matrix	AQ	Batch ID:	R67245

- The data for SM20 4500H B meets quality control requirements.
- J73413-4 for pH: Sample received out of holding time for pH analysis.

Accutest certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting Accutest's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

Accutest Laboratories is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. Data release is authorized by Accutest Laboratories indicated via signature on the report cover

ACCUTEST. Laboratories

2

CASE NARRATIVE / CONFORMANCE SUMMARY

Client:	Environmental Planning and Management	**Job No**	J73504
Site:	Katonah, Katonah, NY	**Report Date**	10/27/2007 1:39:36 P

On 10/05/2007, 4 Sample(s), 1 Trip Blank(s) and 0 Field Blank(s) were received at Accutest Laboratories at a temperature of 3.4 C. Samples were intact and properly preserved, unless noted below. An Accutest Job Number of J73504 was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Volatiles by GCMS By Method EPA 524.2 REV 4.1

Matrix: AQ **Batch ID:** V2B1627

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) J73504-3MS, J73504-3MSD were used as the QC samples indicated.
- Blank Spike Recovery(s) for Chloroethane, Chloromethane, Dichlorodifluoromethane, Trichlorofluoromethane, Vinyl chloride are outside control limits. High percent recoveries and no associated positive found in the QC batch.

Matrix: AQ **Batch ID:** V3B1260

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) J73504-1DUP, J73520-1MS, J73504-1DUP were used as the QC samples indicated.
- Blank Spike Recovery(s) for Bromomethane are outside control limits. High percent recoveries and no associated positive found in the QC batch.
- RPD(s) for Duplicate for Chloroform are outside control limits for sample J73504-1DUP. High RPD due to possible sample analyzed from different vials.

Accutest certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting Accutest's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

Accutest Laboratories is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. Data release is authorized by Accutest Laboratories indicated via signature on the report cover

ATTACHMENT B
Data Evaluation Checklists

Data Evaluation Checklist
Organic and Inorganic Analyses

Project: Environmental Planning and Management – Katonah
Job No.: J73504
Laboratory: Accutest Laboratories

Reviewer: Megan Drosky

Project No: 07.7690
Method: USEPA 524.2 (VOA)
Associated Sample IDs: DIST, STEFF, RW, DUP and Trip Blank
Sample Date: 10/02/07
Date: 11/13/07

1. Were holding times met?		✓		• VOA: ≤10 days	J/UJ
2. Were sample storage and preservation requirements met?	✓			3.4°C (2-6°C).	
3. Was a method blank analyzed with each batch?	✓			• VOA: V2B1627-MB1, V3B1260-MB1	
4. Were target analytes reported in the method or calibration blanks above the Detection Limit?		✓			
5. Were target analytes reported in field blank analyses (e.g., trip, ~~ambient, field, or equipment~~) above the DL?		✓			
6. Were contaminants detected in samples below the blank contamination action level?			✓	Blank contamination does not exist.	
7. Were initial and continuing calibration standards analyzed at the lab-specified frequency for each instrument?	✓			• VOA o Initial calibration: 10/02/07 and 10/11/07 o Continuing calibration: 10/16/07 @09:48 and 10/16/07 @09:35	
8. Were these results within lab or project specifications?		✓		VOA – • Initial calibrations of 10/02/07 and 10/11/07. The RF >0.05 and %RSD between response factors was less than 30% for all target analytes except the following: o 10/11/07 (Associated samples – STEFF, RW, DUP and Trip Blank): Acetone (0.034 RF) and 2-butanone (0.027 RF). J/UJ o 10/02/07 (Associated samples – DIST): Acetone (0.029 RF) and 2-butanone (0.026 RF). J/UJ • Continuing calibrations of 10/16/07. The RF>0.05 and %D <25% for all target analytes except the following: o 10/16/07 @09:48 (Associated samples – STEFF, RW, DUP and Trip Blank):	J/UJ

Data Evaluation Checklist (Continued)

				Dichlorodifluoromethane (30.1%D), trichlorofluoromethane (43%D), acetone (0.039 RF), 2-butanone (0.032 RF), carbon tetrachloride (26.7%D), dibromomethane (25.6%D), bromodichloromethane (26.6%D), 1,1,2-trichloroethane (27.4%D), 1,3-dichloropropane (27.4%D), dibromochloromethane (40.5%D), 1,1,1,2-tetrachloroethane (34.4%D), bromoform (46.7%D), 1,1,2,2-tetrachloroethane (29%D) and 1,2,3-trichloropropane (33.7%D). J/UJ o 10/16/07 @09:35 (Associated sample – DIST): Bromomethane (26.6%D), acetone (0.030 RF), 2-butanone (0.029 RF), carbon tetrachloride (27.7%D), 1,2-dichloroethane (31.4%D), bromoform (27%D) and 1,2-dibromo-3-chloropropane (25.9%D). J/UJ	
9. Were the results of the ICS Check Standard analysis within 80-120% of the true value (metals only)?			✓		
10. Was a CRDL Standard analyzed for metals?			✓		
11. Were recoveries within 70-130% of the true value during the CRDL analysis (CRA, CRI)?			✓		
12. Was a LCS analyzed with each batch?	✓			• VOA: V2B1627-BS, V3B1260-BS	
13. Were LCS' recoveries within lab specifications?		✓		VOA, V2B1627-BS (Associated samples – STEFF, RW, DUP, Trip Blank): • Chloroethane @155%R (70-130). J+ • Chloromethane @135%R (70-130). J+ • Dichlorodifluoromethane @155%R (70-130). J+ • Trichlorofluoromethane @180%R (70-130). J+ • Vinyl chloride @145%R (70-130). J+ VOA, V3B1260-BS (Associated samples – DIST): • Bromomethane @145%R (70-130). J+	J+
14. Were LCS/LCSD RPD within lab specifications?			✓	LCS only	
15. Was a MS/MSD pair analyzed with each batch?	✓			• VOA: J73504-3 (RW), J73520-1 (Batch sample)	

Data Evaluation Checklist (Continued)

16. Is the MS/MSD parent sample a project-specific sample?	✓				
17. Were MS/MSD recoveries within lab specifications? *Only QC results for project samples are evaluated.*	✓				
18. Were MS/MSD RPD within lab specifications? *Only QC results for project samples are evaluated.*	✓				
19. Was a serial dilution conducted on each inorganic batch?			✓		
20. Is the serial dilution parent sample a project-specific sample?			✓		
21. Is the percent difference between the serially diluted result and undiluted result less than 10% (for those analytes with native concentrations greater than 50x the DL)? *Only QC results for project samples are evaluated.*			✓		
22. Was a laboratory duplicate analyzed with each batch?	✓			• VOA: J73504-1 (DIST)	
23. Is the laboratory duplicate sample a project-specific sample?	✓				
24. Does laboratory duplicate results meet lab specifications? *Only QC results for project samples are evaluated.*		✓		Refer to Attachment B-1 for duplicate evaluation.	J
25. Were surrogate recoveries within lab specifications during organic analysis?	✓				
26. Were internal standard results within lab specifications during the VOA?	✓				
27. Were TIC reported and were reported results qualified as estimated concentrations?		✓			
28. Were field duplicate samples submitted to the laboratory for analysis?	✓			DUP is the field duplicate of STEFF	
29. Was precision deemed acceptable as defined by DV Guidelines?	✓			VOCs were not detected in the associated samples	
30. Were laboratory-generated Corrective Action Reports (i.e., QCER) issued? If yes, summarize contents or attach copy of the report.		✓			
31. Were lab comments included in report? If yes, summarize contents or attach a copy of the narrative.	✓			Refer to Case Narratives	

Data Evaluation Checklist (Continued)

Comments:

The data review process was modeled after the EPA Region 2 Data Validation Guidelines for unusable data and Appendix 2B, Guidance for the Development of Data Usability Summary Reports, of *Draft DER-10 Technical Guidance for Site Investigation and Remediation* (NYSDEC, December 2002).

Key:

J Positive sample result is considered estimated
R Unusable data
R+ Positive sample result is considered unusable
U Not present above the associated level; blank contamination exists
UJ Sample result is not detected and the detection limit is considered estimated
ND Sample result is not detected
N A "tentative identification" has been made of the presence of an analyte

Evaluation of Laboratory Duplicate Results

ATTACHMENT B-1

Analyte	DIST	DUP	MDL	MDLx5	*Criteria*	RPD	Absolute difference	Action
Bromodichloromethane	1.6	1.7	0.091	0.455	*RPD*		0.1	None, RPD <20%
Bromoform	3.1	3.2	0.18	0.9	*RPD*		0.1	None, RPD <20%
Chloroform	0.41	0.57	0.068	0.34	*RPD*		0.16	J, RPD >20%
Dibromochloromethane	3.4	3.7	0.074	0.37	*RPD*		0.3	None, RPD <20%

Note: If the analyte was not detected, then the cell is left blank.
RPD - Relative percent difference
*Results are reported in ug/L
Precision is based on either the absolute difference between sample results or RPD. If the sample results are less than or equal to 5x's the MDL, then precision is based on the absolute difference between duplicate results. If sample results >5x's MDL, then precision is evaluated using RPD. J sample results whenever the absolute difference is greater than MDL or RPD >20%. If the analyte is detected in one sample but not the other, then J/UJ sample results. Above table presents results for detected analytes only. Blank cells indicates that the analyte was not detected.

Data Evalnation Checklist
Organic and Inorganic Analyses

Project: Environmental Planning and Management – Katonah
Job No.: J73413
Laboratory: Accutest Laboratories

Reviewer: Megan Drosky

Project No: 07.7690
Method: USEPA 524.2 (VOA)
Associated Sample IDs: W4, W11, FB and Trip Blank
Sample Date: 10/04/07
Date: 11/12/07

1. Were holding times met?		✓		• VOA: ≤10 days	J/UJ
2. Were sample storage and preservation requirements met?	✓			2.4°C (2-6°C).	
3. Was a method blank analyzed with each batch?	✓			• VOA: V3B1261-MB1, V3B1262-MB1	
4. Were target analytes reported in the method or calibration blanks above the Detection Limit?		✓			
5. Were target analytes reported in field blank analyses (e.g., trip, ~~ambient, field, or equipment~~) above the DL?		✓			
6. Were contaminants detected in samples below the blank contamination action level?			✓	Blank contamination does not exist.	
7. Were initial and continuing calibration standards analyzed at the lab-specified frequency for each instrument?	✓			• VOA o Initial calibration: 10/02/07 o Continuing calibration: 10/16/07 @21:35 and 10/17/07 @09:56	
8. Were these results within lab or project specifications?		✓		VOA – • Initial calibration of 10/02/07. The RF >0.05 and %RSD between response factors was less than 30% for all target analytes except acetone (0.029 RF) and 2-butanone (0.026 RF). J/UJ • Continuing calibrations of 10/16/07 and 10/17/07. The RF>0.05 and %D <25% for all target analytes except the following: o 10/16/07 (Associated samples – W4, W11 and Trip Blank): Dichlorodifluoromethane (27.8%D), chloromethane (29.9%D), acetone (0.025 RF) and 2-butanone (0.026 RF). J/UJ o 10/17/07 (Associated samples – FB): Bromomethane (34.9%D), chloroethane (28.9%D), trichlorofluoromethane	J/UJ

Data Evaluation Checklist (Continued)

				(43.2%D), acetone (0.033 RF), 2-butanone (0.030 RF), 2,2-dichloropropane (27.9%D), carbon tetrachloride (34.9%D), 1,2-dichloroethane (35.6%D) and 1,2,3-trichloropropane (29.7%D). J/UJ	
9. Were the results of the ICS Check Standard analysis within 80-120% of the true value (metals only)?			✓		
10. Was a CRDL Standard analyzed for metals?			✓		
11. Were recoveries within 70-130% of the true value during the CRDL analysis (CRA, CRI)?			✓		
12. Was a LCS analyzed with each batch?	✓			• VOA: V3B1261-BS, V3B1262-BS	
13. Were LCS' recoveries within lab specifications?		✓		VOA, V3B1262-BS (Associated samples – FB): • Bromomethane @150%R ((70-130). J+ • Chloroethane @145%R (70-130). J+ • Trichlorofluoromethane @145%R (70-130). J+	J+
14. Were LCS/LCSD RPD within lab specifications?			✓	LCS only	
15. Was a MS/MSD pair analyzed with each batch?	✓			• VOA: J73316-1 and J73491-1 (Batch Samples)	
16. Is the MS/MSD parent sample a project-specific sample?		✓			
17. Were MS/MSD recoveries within lab specifications? *Only QC results for project samples are evaluated.*			✓		
18. Were MS/MSD RPD within lab specifications? *Only QC results for project samples are evaluated.*			✓		
19. Was a serial dilution conducted on each inorganic batch?			✓		
20. Is the serial dilution parent sample a project-specific sample?			✓		
21. Is the percent difference between the serially diluted result and undiluted result less than 10% (for those analytes with native concentrations greater than 50x the DL)? *Only QC results for project samples are evaluated.*			✓		
22. Was a laboratory duplicate analyzed with each batch?	✓			• VOA: J73316-2 and J73491-2 (Batch Samples)	
23. Is the laboratory duplicate sample a project-specific sample?		✓			
24. Does laboratory duplicate results meet lab specifications? *Only QC results for project samples are evaluated.*			✓		
25. Were surrogate recoveries within lab specifications during	✓				

Data Evaluation Checklist (Continued)

organic analysis?					
26. Were internal standard results within lab specifications during the VOA?	✓				
27. Were TIC reported and were reported results qualified as estimated concentrations?		✓			
28. Were field duplicate samples submitted to the laboratory for analysis?		✓			
29. Was precision deemed acceptable as defined by DV Guidelines?			✓		
30. Were laboratory-generated Corrective Action Reports (i.e., QCER) issued? If yes, summarize contents or attach copy of the report.		✓			
31. Were lab comments included in report? If yes, summarize contents or attach a copy of the narrative.	✓			Refer to Case Narratives	

Comments:

The data review process was modeled after the EPA Region 2 Data Validation Guidelines for unusable data and Appendix 2B, Guidance for the Development of Data Usability Summary Reports, of *Draft DER-10 Technical Guidance for Site Investigation and Remediation* (NYSDEC, December 2002).

Key:

J Positive sample result is considered estimated
R Unusable data
R+ Positive sample result is considered unusable
U Not present above the associated level; blank contamination exists
UJ Sample result is not detected and the detection limit is considered estimated
ND Sample result is not detected
N A "tentative identification" has been made of the presence of an analyte

ATTACHMENT C
Qualified Sample Results

Raw Data: 3B28423.D

Accutest Laboratories

Report of Analysis

Client Sample ID:	DIST		
Lab Sample ID:	J73504-1	Date Sampled:	10/02/07
Matrix:	DW - Drinking Water	Date Received:	10/05/07
Method:	EPA 524.2 REV 4.1	Percent Solids:	n/a
Project:	Katonah, Katonah, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3B28423.D	1	10/16/07	MFH	n/a	n/a	V3B1260
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
67-64-1	Acetone	ND UJ		5.0	1.3	ug/l	
78-93-3	2-Butanone	ND UJ		5.0	1.2	ug/l	
71-43-2	Benzene	ND	5.0	0.50	0.069	ug/l	
108-86-1	Bromobenzene	ND		0.50	0.089	ug/l	
74-97-5	Bromochloromethane	ND		0.50	0.31	ug/l	
75-27-4	Bromodichloromethane	1.6 J		0.50	0.091	ug/l	
75-25-2	Bromoform	3.1 J		0.50	0.18	ug/l	
74-83-9	Bromomethane	ND UJ		0.50	0.38	ug/l	
104-51-8	n-Butylbenzene	ND		0.50	0.11	ug/l	
135-98-8	sec-Butylbenzene	ND		0.50	0.41	ug/l	
98-06-6	tert-Butylbenzene	ND		0.50	0.11	ug/l	
75-15-0	Carbon disulfide	ND		0.50	0.14	ug/l	
108-90-7	Chlorobenzene	ND	100	0.50	0.064	ug/l	
75-00-3	Chloroethane	ND		0.50	0.24	ug/l	
67-66-3	Chloroform	0.41 J		0.50	0.068	ug/l	J
74-87-3	Chloromethane	ND UJ		0.50	0.13	ug/l	
95-49-8	o-Chlorotoluene	ND		0.50	0.088	ug/l	
106-43-4	p-Chlorotoluene	ND		0.50	0.089	ug/l	
56-23-5	Carbon tetrachloride	ND UJ	5.0	0.50	0.21	ug/l	
75-34-3	1,1-Dichloroethane	ND		0.50	0.092	ug/l	
75-35-4	1,1-Dichloroethylene	ND	7.0	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	ND		0.50	0.23	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND UJ	0.20	1.0	0.42	ug/l	
106-93-4	1,2-Dibromoethane	ND UJ	0.050	0.50	0.065	ug/l	
107-06-2	1,2-Dichloroethane	ND UJ	5.0	0.50	0.072	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	0.50	0.22	ug/l	
142-28-9	1,3-Dichloropropane	ND		0.50	0.051	ug/l	
594-20-7	2,2-Dichloropropane	ND		0.50	0.25	ug/l	
124-48-1	Dibromochloromethane	3.4 J		0.50	0.074	ug/l	
74-95-3	Dibromomethane	ND UJ		0.50	0.18	ug/l	
75-71-8	Dichlorodifluoromethane	ND		1.0	0.38	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.084	ug/l	

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

3.1.3

Sample results have been qualified by C. T. Male Associates, P.C. based on the results of the data review process, which is modeled after the *USEPA CLP National Functional Guidelines for Organic Data Review* (October 1999) and the *USEPA SOP Method 524.2*

Accutest Laboratories

Report of Analysis

Client Sample ID:	DIST		
Lab Sample ID:	J73504-1	Date Sampled:	10/02/07
Matrix:	DW - Drinking Water	Date Received:	10/05/07
Method:	EPA 524.2 REV 4.1	Percent Solids:	n/a
Project:	Katonah, Katonah, NY		

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	ND		0.50	0.065	ug/l	
95-50-1	o-Dichlorobenzene	ND	600	0.50	0.32	ug/l	
106-46-7	p-Dichlorobenzene	ND	75	0.50	0.054	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	100	0.50	0.11	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	70	0.50	0.081	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.055	ug/l	
100-41-4	Ethylbenzene	ND	700	0.50	0.15	ug/l	
87-68-3	Hexachlorobutadiene	ND		2.0	0.19	ug/l	
110-54-3	Hexane	ND		0.50	0.36	ug/l	
591-78-6	2-Hexanone	ND		2.0	1.1	ug/l	
98-82-8	Isopropylbenzene	ND		0.50	0.40	ug/l	
99-87-6	p-Isopropyltoluene	ND		0.50	0.40	ug/l	
75-09-2	Methylene chloride	ND	5.0	0.50	0.15	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND		0.50	0.065	ug/l	
108-10-1	4-Methyl-2-pentanone	ND		2.0	0.45	ug/l	
91-20-3	Naphthalene	ND		0.50	0.074	ug/l	
103-65-1	n-Propylbenzene	ND		0.50	0.073	ug/l	
100-42-5	Styrene	ND	100	0.50	0.15	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.084	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	0.50	0.059	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.083	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.50	0.24	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND		0.50	0.092	ug/l	
96-18-4	1,2,3-Trichloropropane	ND		0.50	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	70	0.50	0.064	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND		0.50	0.13	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND		0.50	0.071	ug/l	
127-18-4	Tetrachloroethylene	ND	5.0	0.50	0.17	ug/l	
108-88-3	Toluene	ND	1000	0.50	0.041	ug/l	
79-01-6	Trichloroethylene	ND	5.0	0.50	0.29	ug/l	
75-69-4	Trichlorofluoromethane	ND		1.0	0.18	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.50	0.24	ug/l	
	m,p-Xylene	ND		1.0	0.21	ug/l	
95-47-6	o-Xylene	ND		0.50	0.066	ug/l	
1330-20-7	Xylenes (total)	ND	10000	0.50	0.066	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2199-69-1	1,2-Dichlorobenzene-d4	94%		74-123%
460-00-4	4-Bromofluorobenzene	89%		71-123%

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Sample results have been qualified by C. T. Male Associates, P.C. based on the results of the data review process, which is modeled after the *USEPA CLP National Functional Guidelines for Organic Data Review* (October 1999) and the *USEPA SOP Method 524.2*.

Raw Data: 2B37917.D

Accutest Laboratories

Report of Analysis

Client Sample ID:	STEFF		
Lab Sample ID:	J73504-2	Date Sampled:	10/02/07
Matrix:	AQ - Ground Water	Date Received:	10/05/07
Method:	EPA 524.2 REV 4.1	Percent Solids:	n/a
Project:	Katonah, Katonah, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B37917.D	1	10/16/07	MFH	n/a	n/a	V2B1627
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND UJ	5.0	1.3	ug/l	
78-93-3	2-Butanone	ND UJ	5.0	1.2	ug/l	
71-43-2	Benzene	ND	0.50	0.069	ug/l	
108-86-1	Bromobenzene	ND	0.50	0.089	ug/l	
74-97-5	Bromochloromethane	ND	0.50	0.31	ug/l	
75-27-4	Bromodichloromethane	ND UJ	0.50	0.091	ug/l	
75-25-2	Bromoform	ND UJ	0.50	0.18	ug/l	
74-83-9	Bromomethane	ND	0.50	0.38	ug/l	
104-51-8	n-Butylbenzene	ND	0.50	0.11	ug/l	
135-98-8	sec-Butylbenzene	ND	0.50	0.41	ug/l	
98-06-6	tert-Butylbenzene	ND	0.50	0.11	ug/l	
75-15-0	Carbon disulfide	ND	0.50	0.14	ug/l	
108-90-7	Chlorobenzene	ND	0.50	0.064	ug/l	
75-00-3	Chloroethane	ND	0.50	0.24	ug/l	
67-66-3	Chloroform	ND	0.50	0.068	ug/l	
74-87-3	Chloromethane	ND	0.50	0.13	ug/l	
95-49-8	o-Chlorotoluene	ND	0.50	0.088	ug/l	
106-43-4	p-Chlorotoluene	ND	0.50	0.089	ug/l	
56-23-5	Carbon tetrachloride	ND UJ	0.50	0.21	ug/l	
75-34-3	1,1-Dichloroethane	ND	0.50	0.092	ug/l	
75-35-4	1,1-Dichloroethylene	ND	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	ND	0.50	0.23	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.0	0.42	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.50	0.065	ug/l	
107-06-2	1,2-Dichloroethane	ND	0.50	0.072	ug/l	
78-87-5	1,2-Dichloropropane	ND	0.50	0.22	ug/l	
142-28-9	1,3-Dichloropropane	ND UJ	0.50	0.051	ug/l	
594-20-7	2,2-Dichloropropane	ND UJ	0.50	0.25	ug/l	
124-48-1	Dibromochloromethane	ND UJ	0.50	0.074	ug/l	
74-95-3	Dibromomethane	ND UJ	0.50	0.18	ug/l	
75-71-8	Dichlorodifluoromethane	ND UJ	1.0	0.38	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND UJ	0.50	0.084	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Sample results have been qualified by C. T. Male Associates, P.C. based on the results of the data review process, which is modeled after the *USEPA CLP National Functional Guidelines for Organic Data Review* (October 1999) and the *USEPA SOP Method 524.2*

3.2
8

Accutest Laboratories

Report of Analysis

Client Sample ID:	STEFF		
Lab Sample ID:	J73504-2	Date Sampled:	10/02/07
Matrix:	AQ - Ground Water	Date Received:	10/05/07
Method:	EPA 524.2 REV 4.1	Percent Solids:	n/a
Project:	Katonah, Katonah, NY		

VOA List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	ND UJ	0.50	0.065	ug/l	
95-50-1	o-Dichlorobenzene	ND	0.50	0.32	ug/l	
106-46-7	p-Dichlorobenzene	ND	0.50	0.054	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	0.50	0.11	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	0.50	0.081	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.055	ug/l	
100-41-4	Ethylbenzene	ND	0.50	0.15	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.19	ug/l	
110-54-3	Hexane	ND	0.50	0.36	ug/l	
591-78-6	2-Hexanone	ND	2.0	1.1	ug/l	
98-82-8	Isopropylbenzene	ND	0.50	0.40	ug/l	
99-87-6	p-Isopropyltoluene	ND	0.50	0.40	ug/l	
75-09-2	Methylene chloride	ND	0.50	0.15	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	0.50	0.065	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	2.0	0.45	ug/l	
91-20-3	Naphthalene	ND	0.50	0.074	ug/l	
103-65-1	n-Propylbenzene	ND	0.50	0.073	ug/l	
100-42-5	Styrene	ND	0.50	0.15	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND UJ	0.50	0.084	ug/l	
71-55-6	1,1,1-Trichloroethane	ND UJ	0.50	0.059	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND UJ	0.50	0.083	ug/l	
79-00-5	1,1,2-Trichloroethane	ND UJ	0.50	0.24	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND UJ	0.50	0.092	ug/l	
96-18-4	1,2,3-Trichloropropane	ND UJ	0.50	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	0.50	0.064	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	0.50	0.13	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	0.50	0.071	ug/l	
127-18-4	Tetrachloroethylene	ND	0.50	0.17	ug/l	
108-88-3	Toluene	ND	0.50	0.041	ug/l	
79-01-6	Trichloroethylene	ND	0.50	0.29	ug/l	
75-69-4	Trichlorofluoromethane	ND UJ	1.0	0.18	ug/l	
75-01-4	Vinyl chloride	ND	0.50	0.24	ug/l	
	m,p-Xylene	ND	1.0	0.21	ug/l	
95-47-6	o-Xylene	ND	0.50	0.066	ug/l	
1330-20-7	Xylenes (total)	ND	0.50	0.066	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2199-69-1	1,2-Dichlorobenzene-d4	103%		74-123%
460-00-4	4-Bromofluorobenzene	85%		71-123%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Sample results have been qualified by C. T. Male Associates, P.C. based on the results of the data review process, which is modeled after the *USEPA CLP National Functional Guidelines for Organic Data Review* (October 1999) and the *USEPA SOP Method 524.2*.

Raw Data: 2B37918.D 2B37924.D

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW		
Lab Sample ID:	J73504-3	Date Sampled:	10/02/07
Matrix:	AQ - Ground Water	Date Received:	10/05/07
Method:	EPA 524.2 REV 4.1	Percent Solids:	n/a
Project:	Katonah, Katonah, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B37918.D	1	10/16/07	MFH	n/a	n/a	V2B1627
Run #2	2B37924.D	5	10/16/07	MFH	n/a	n/a	V2B1627

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND UJ	5.0	1.3	ug/l	
78-93-3	2-Butanone	ND UJ	5.0	1.2	ug/l	
71-43-2	Benzene	ND	0.50	0.069	ug/l	
108-86-1	Bromobenzene	ND	0.50	0.089	ug/l	
74-97-5	Bromochloromethane	ND	0.50	0.31	ug/l	
75-27-4	Bromodichloromethane	ND UJ	0.50	0.091	ug/l	
75-25-2	Bromoform	ND UJ	0.50	0.18	ug/l	
74-83-9	Bromomethane	ND	0.50	0.38	ug/l	
104-51-8	n-Butylbenzene	ND	0.50	0.11	ug/l	
135-98-8	sec-Butylbenzene	ND	0.50	0.41	ug/l	
98-06-6	tert-Butylbenzene	ND	0.50	0.11	ug/l	
75-15-0	Carbon disulfide	ND	0.50	0.14	ug/l	
108-90-7	Chlorobenzene	ND	0.50	0.064	ug/l	
75-00-3	Chloroethane	ND	0.50	0.24	ug/l	
67-66-3	Chloroform	ND	0.50	0.068	ug/l	
74-87-3	Chloromethane	ND	0.50	0.13	ug/l	
95-49-8	o-Chlorotoluene	ND	0.50	0.088	ug/l	
106-43-4	p-Chlorotoluene	ND	0.50	0.089	ug/l	
56-23-5	Carbon tetrachloride	ND UJ	0.50	0.21	ug/l	
75-34-3	1,1-Dichloroethane	ND	0.50	0.092	ug/l	
75-35-4	1,1-Dichloroethylene	ND	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	ND	0.50	0.23	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.0	0.42	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.50	0.065	ug/l	
107-06-2	1,2-Dichloroethane	ND	0.50	0.072	ug/l	
78-87-5	1,2-Dichloropropane	ND	0.50	0.22	ug/l	
142-28-9	1,3-Dichloropropane	ND UJ	0.50	0.051	ug/l	
594-20-7	2,2-Dichloropropane	ND UJ	0.50	0.25	ug/l	
124-48-1	Dibromochloromethane	ND UJ	0.50	0.074	ug/l	
74-95-3	Dibromomethane	ND UJ	0.50	0.18	ug/l	
75-71-8	Dichlorodifluoromethane	ND UJ	1.0	0.38	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND UJ	0.50	0.084	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW		
Lab Sample ID:	J73504-3	Date Sampled:	10/02/07
Matrix:	AQ - Ground Water	Date Received:	10/05/07
Method:	EPA 524.2 REV 4.1	Percent Solids:	n/a
Project:	Katonah, Katonah, NY		

VOA List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	ND UJ	0.50	0.065	ug/l	
95-50-1	o-Dichlorobenzene	ND	0.50	0.32	ug/l	
106-46-7	p-Dichlorobenzene	ND	0.50	0.054	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	0.50	0.11	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.99 J	0.50	0.081	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND UJ	0.50	0.055	ug/l	
100-41-4	Ethylbenzene	ND	0.50	0.15	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.19	ug/l	
110-54-3	Hexane	ND	0.50	0.36	ug/l	
591-78-6	2-Hexanone	ND	2.0	1.1	ug/l	
98-82-8	Isopropylbenzene	ND	0.50	0.40	ug/l	
99-87-6	p-Isopropyltoluene	ND	0.50	0.40	ug/l	
75-09-2	Methylene chloride	ND	0.50	0.15	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.098 J	0.50	0.065	ug/l	J
108-10-1	4-Methyl-2-pentanone	ND UJ	2.0	0.45	ug/l	
91-20-3	Naphthalene	ND	0.50	0.074	ug/l	
103-65-1	n-Propylbenzene	ND	0.50	0.073	ug/l	
100-42-5	Styrene	ND	0.50	0.15	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND UJ	0.50	0.084	ug/l	
71-55-6	1,1,1-Trichloroethane	ND UJ	0.50	0.059	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND UJ	0.50	0.083	ug/l	
79-00-5	1,1,2-Trichloroethane	ND UJ	0.50	0.24	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND UJ	0.50	0.092	ug/l	
96-18-4	1,2,3-Trichloropropane	ND UJ	0.50	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	0.50	0.064	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	0.50	0.13	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	0.50	0.071	ug/l	
127-18-4	Tetrachloroethylene	40.4 [a] J	2.5	0.84	ug/l	
108-88-3	Toluene	ND UJ	0.50	0.041	ug/l	
79-01-6	Trichloroethylene	1.0 J	0.50	0.29	ug/l	
75-69-4	Trichlorofluoromethane	ND UJ	1.0	0.18	ug/l	
75-01-4	Vinyl chloride	ND	0.50	0.24	ug/l	
	m,p-Xylene	ND	1.0	0.21	ug/l	
95-47-6	o-Xylene	ND	0.50	0.066	ug/l	
1330-20-7	Xylenes (total)	ND	0.50	0.066	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2199-69-1	1,2-Dichlorobenzene-d4	93%	101%	74-123%
460-00-4	4-Bromofluorobenzene	78%	85%	71-123%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

3.3 G

Sample results have been qualified by C. T. Male Associates, P.C. based on the results of the data review process, which is modeled after the *USEPA CLP National Functional Guidelines for Organic Data Review* (October 1999) and the *USEPA SOP Method 524.2*.

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW		
Lab Sample ID:	J73504-3	Date Sampled:	10/02/07
Matrix:	AQ - Ground Water	Date Received:	10/05/07
Method:	EPA 524.2 REV 4.1	Percent Solids:	n/a
Project:	Katonah, Katonah, NY		

VOA List

CAS No.	Compound	Result	RL	MDL	Units	Q

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

3.3

Sample results have been qualified by C. T. Male Associates, P.C. based on the results of the data review process, which is modeled after the *USEPA CLP National Functional Guidelines for Organic Data Review* (October 1999) and the *USEPA SOP Method 524.2*.

Raw Data: 2B37922.D

Accutest Laboratories

Report of Analysis

Client Sample ID:	DUP		
Lab Sample ID:	J73504-4	Date Sampled:	10/02/07
Matrix:	AQ - Ground Water	Date Received:	10/05/07
Method:	EPA 524.2 REV 4.1	Percent Solids:	n/a
Project:	Katonah, Katonah, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B37922.D	1	10/16/07	MFH	n/a	n/a	V2B1627
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND UJ	5.0	1.3	ug/l	
78-93-3	2-Butanone	ND UJ	5.0	1.2	ug/l	
71-43-2	Benzene	ND	0.50	0.069	ug/l	
108-86-1	Bromobenzene	ND	0.50	0.089	ug/l	
74-97-5	Bromochloromethane	ND	0.50	0.31	ug/l	
75-27-4	Bromodichloromethane	ND UJ	0.50	0.091	ug/l	
75-25-2	Bromoform	ND UJ	0.50	0.18	ug/l	
74-83-9	Bromomethane	ND	0.50	0.38	ug/l	
104-51-8	n-Butylbenzene	ND	0.50	0.11	ug/l	
135-98-8	sec-Butylbenzene	ND	0.50	0.41	ug/l	
98-06-6	tert-Butylbenzene	ND	0.50	0.11	ug/l	
75-15-0	Carbon disulfide	ND	0.50	0.14	ug/l	
108-90-7	Chlorobenzene	ND	0.50	0.064	ug/l	
75-00-3	Chloroethane	ND	0.50	0.24	ug/l	
67-66-3	Chloroform	ND	0.50	0.068	ug/l	
74-87-3	Chloromethane	ND	0.50	0.13	ug/l	
95-49-8	o-Chlorotoluene	ND	0.50	0.088	ug/l	
106-43-4	p-Chlorotoluene	ND	0.50	0.089	ug/l	
56-23-5	Carbon tetrachloride	ND UJ	0.50	0.21	ug/l	
75-34-3	1,1-Dichloroethane	ND	0.50	0.092	ug/l	
75-35-4	1,1-Dichloroethylene	ND	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	ND	0.50	0.23	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.0	0.42	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.50	0.065	ug/l	
107-06-2	1,2-Dichloroethane	ND	0.50	0.072	ug/l	
78-87-5	1,2-Dichloropropane	ND	0.50	0.22	ug/l	
142-28-9	1,3-Dichloropropane	ND UJ	0.50	0.051	ug/l	
594-20-7	2,2-Dichloropropane	ND UJ	0.50	0.25	ug/l	
124-48-1	Dibromochloromethane	ND UJ	0.50	0.074	ug/l	
74-95-3	Dibromomethane	ND UJ	0.50	0.18	ug/l	
75-71-8	Dichlorodifluoromethane	ND UJ	1.0	0.38	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND UJ	0.50	0.084	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Sample results have been qualified by C. T. Male Associates, P.C. based on the results of the data review process, which is modeled after the *USEPA CLP National Functional Guidelines for Organic Data Review* (October 1999) and the *USEPA SOP Method 524.2*

Accutest Laboratories

Report of Analysis

3.4 3

Client Sample ID:	DUP		
Lab Sample ID:	J73504-4	Date Sampled:	10/02/07
Matrix:	AQ - Ground Water	Date Received:	10/05/07
Method:	EPA 524.2 REV 4.1	Percent Solids:	n/a
Project:	Katonah, Katonah, NY		

VOA List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	ND UJ	0.50	0.065	ug/l	
95-50-1	o-Dichlorobenzene	ND	0.50	0.32	ug/l	
106-46-7	p-Dichlorobenzene	ND	0.50	0.054	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	0.50	0.11	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	0.50	0.081	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.055	ug/l	
100-41-4	Ethylbenzene	ND	0.50	0.15	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.19	ug/l	
110-54-3	Hexane	ND	0.50	0.36	ug/l	
591-78-6	2-Hexanone	ND	2.0	1.1	ug/l	
98-82-8	Isopropylbenzene	ND	0.50	0.40	ug/l	
99-87-6	p-Isopropyltoluene	ND	0.50	0.40	ug/l	
75-09-2	Methylene chloride	ND	0.50	0.15	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	0.50	0.065	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	2.0	0.45	ug/l	
91-20-3	Naphthalene	ND	0.50	0.074	ug/l	
103-65-1	n-Propylbenzene	ND	0.50	0.073	ug/l	
100-42-5	Styrene	ND	0.50	0.15	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND UJ	0.50	0.084	ug/l	
71-55-6	1,1,1-Trichloroethane	ND UJ	0.50	0.059	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND UJ	0.50	0.083	ug/l	
79-00-5	1,1,2-Trichloroethane	ND UJ	0.50	0.24	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND UJ	0.50	0.092	ug/l	
96-18-4	1,2,3-Trichloropropane	ND UJ	0.50	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	0.50	0.064	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	0.50	0.13	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	0.50	0.071	ug/l	
127-18-4	Tetrachloroethylene	ND	0.50	0.17	ug/l	
108-88-3	Toluene	ND	0.50	0.041	ug/l	
79-01-6	Trichloroethylene	ND	0.50	0.29	ug/l	
75-69-4	Trichlorofluoromethane	ND UJ	1.0	0.18	ug/l	
75-01-4	Vinyl chloride	ND	0.50	0.24	ug/l	
	m,p-Xylene	ND	1.0	0.21	ug/l	
95-47-6	o-Xylene	ND	0.50	0.066	ug/l	
1330-20-7	Xylenes (total)	ND	0.50	0.066	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2199-69-1	1,2-Dichlorobenzene-d4	92%		74-123%
460-00-4	4-Bromofluorobenzene	82%		71-123%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Sample results have been qualified by C. T. Male Associates, P.C. based on the results of the data review process, which is modeled after the *USEPA CLP National Functional Guidelines for Organic Data Review* (October 1999) and the *USEPA SOP Method 524.2*.

Raw Data: 2B37923.D

Accutest Laboratories

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	J73504-5	Date Sampled:	10/02/07
Matrix:	AQ - Trip Blank Water	Date Received:	10/05/07
Method:	EPA 524.2 REV 4.1	Percent Solids:	n/a
Project:	Katonah, Katonah, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B37923.D	1	10/16/07	MFH	n/a	n/a	V2B1627
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND UJ	5.0	1.3	ug/l	
78-93-3	2-Butanone	ND UJ	5.0	1.2	ug/l	
71-43-2	Benzene	ND	0.50	0.069	ug/l	
108-86-1	Bromobenzene	ND	0.50	0.089	ug/l	
74-97-5	Bromochloromethane	ND	0.50	0.31	ug/l	
75-27-4	Bromodichloromethane	ND UJ	0.50	0.091	ug/l	
75-25-2	Bromoform	ND UJ	0.50	0.18	ug/l	
74-83-9	Bromomethane	ND	0.50	0.38	ug/l	
104-51-8	n-Butylbenzene	ND	0.50	0.11	ug/l	
135-98-8	sec-Butylbenzene	ND	0.50	0.41	ug/l	
98-06-6	tert-Butylbenzene	ND	0.50	0.11	ug/l	
75-15-0	Carbon disulfide	ND	0.50	0.14	ug/l	
108-90-7	Chlorobenzene	ND	0.50	0.064	ug/l	
75-00-3	Chloroethane	ND	0.50	0.24	ug/l	
67-66-3	Chloroform	ND	0.50	0.068	ug/l	
74-87-3	Chloromethane	ND	0.50	0.13	ug/l	
95-49-8	o-Chlorotoluene	ND	0.50	0.088	ug/l	
106-43-4	p-Chlorotoluene	ND	0.50	0.089	ug/l	
56-23-5	Carbon tetrachloride	ND UJ	0.50	0.21	ug/l	
75-34-3	1,1-Dichloroethane	ND	0.50	0.092	ug/l	
75-35-4	1,1-Dichloroethylene	ND	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	ND	0.50	0.23	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.0	0.42	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.50	0.065	ug/l	
107-06-2	1,2-Dichloroethane	ND	0.50	0.072	ug/l	
78-87-5	1,2-Dichloropropane	ND	0.50	0.22	ug/l	
142-28-9	1,3-Dichloropropane	ND UJ	0.50	0.051	ug/l	
594-20-7	2,2-Dichloropropane	ND UJ	0.50	0.25	ug/l	
124-48-1	Dibromochloromethane	ND UJ	9.50	0.074	ug/l	
74-95-3	Dibromomethane	ND UJ	0.50	0.18	ug/l	
75-71-8	Dichlorodifluoromethane	ND UJ	1.0	0.38	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND UJ	0.50	0.084	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	J73504-5	Date Sampled:	10/02/07
Matrix:	AQ - Trip Blank Water	Date Received:	10/05/07
Method:	EPA 524.2 REV 4.1	Percent Solids:	n/a
Project:	Katonah, Katonah, NY		

VOA List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	ND UJ	0.50	0.065	ug/l	
95-50-1	o-Dichlorobenzene	ND	0.50	0.32	ug/l	
106-46-7	p-Dichlorobenzene	ND	0.50	0.054	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	0.50	0.11	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	0.50	0.081	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.055	ug/l	
100-41-4	Ethylbenzene	ND	0.50	0.15	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.19	ug/l	
110-54-3	Hexane	ND	0.50	0.36	ug/l	
591-78-6	2-Hexanone	ND	2.0	1.1	ug/l	
98-82-8	Isopropylbenzene	ND	0.50	0.40	ug/l	
99-87-6	p-Isopropyltoluene	ND	0.50	0.40	ug/l	
75-09-2	Methylene chloride	ND	0.50	0.15	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	0.50	0.065	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	2.0	0.45	ug/l	
91-20-3	Naphthalene	ND	0.50	0.074	ug/l	
103-65-1	n-Propylbenzene	ND	0.50	0.073	ug/l	
100-42-5	Styrene	ND	0.50	0.15	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND UJ	0.50	0.084	ug/l	
71-55-6	1,1,1-Trichloroethane	ND UJ	0.50	0.059	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND UJ	0.50	0.083	ug/l	
79-00-5	1,1,2-Trichloroethane	ND UJ	0.50	0.24	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND UJ	0.50	0.092	ug/l	
96-18-4	1,2,3-Trichloropropane	ND UJ	0.50	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	0.50	0.064	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	0.50	0.13	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	0.50	0.071	ug/l	
127-18-4	Tetrachloroethylene	ND	0.50	0.17	ug/l	
108-88-3	Toluene	ND	0.50	0.041	ug/l	
79-01-6	Trichloroethylene	ND	0.50	0.29	ug/l	
75-69-4	Trichlorofluoromethane	ND UJ	1.0	0.18	ug/l	
75-01-4	Vinyl chloride	ND	0.50	0.24	ug/l	
	m,p-Xylene	ND	1.0	0.21	ug/l	
95-47-6	o-Xylene	ND	0.50	0.066	ug/l	
1330-20-7	Xylenes (total)	ND	0.50	0.066	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2199-69-1	1,2-Dichlorobenzene-d4	93%		74-123%
460-00-4	4-Bromofluorobenzene	78%		71-123%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Sample results have been qualified by C. T. Male Associates, P.C. based on the results of the data review process, which is modeled after the *USEPA CLP National Functional Guidelines for Organic Data Review* (October 1999) and the *USEPA SOP Method 524.2*

Raw Data: 3B28447.D

Accutest Laboratories

Report of Analysis

Client Sample ID:	W4		
Lab Sample ID:	J73413-1	Date Sampled:	10/04/07
Matrix:	AQ - Ground Water	Date Received:	10/05/07
Method:	EPA 524.2 REV 4.1	Percent Solids:	n/a
Project:	Katonah, Katonah, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3B28447.D	1	10/17/07	MFH	n/a	n/a	V3B1261
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND UJ	5.0	1.3	ug/l	
78-93-3	2-Butanone	ND UJ	5.0	1.2	ug/l	
71-43-2	Benzene	ND	0.50	0.069	ug/l	
108-86-1	Bromobenzene	ND	0.50	0.089	ug/l	
74-97-5	Bromochloromethane	ND	0.50	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	0.50	0.091	ug/l	
75-25-2	Bromoform	ND	0.50	0.18	ug/l	
74-83-9	Bromomethane	ND	0.50	0.38	ug/l	
104-51-8	n-Butylbenzene	ND	0.50	0.11	ug/l	
135-98-8	sec-Butylbenzene	ND	0.50	0.41	ug/l	
98-06-6	tert-Butylbenzene	ND	0.50	0.11	ug/l	
75-15-0	Carbon disulfide	ND	0.50	0.14	ug/l	
108-90-7	Chlorobenzene	ND	0.50	0.064	ug/l	
75-00-3	Chloroethane	ND	0.50	0.24	ug/l	
67-66-3	Chloroform	ND	0.50	0.068	ug/l	
74-87-3	Chloromethane	ND UJ	0.50	0.13	ng/l	
95-49-8	o-Chlorotoluene	ND	0.50	0.088	ug/l	
106-43-4	p-Chlorotoluene	ND	0.50	0.089	ug/l	
56-23-5	Carbon tetrachloride	ND	0.50	0.21	ug/l	
75-34-3	1,1-Dichloroethane	ND	0.50	0.092	ug/l	
75-35-4	1,1-Dichloroethylene	ND	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	ND	0.50	0.23	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.0	0.42	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.50	0.065	ug/l	
107-06-2	1,2-Dichloroethane	ND	0.50	0.072	ug/l	
78-87-5	1,2-Dichloropropane	ND	0.50	0.22	ug/l	
142-28-9	1,3-Dichloropropane	ND	0.50	0.051	ug/l	
594-20-7	2,2-Dichloropropane	ND	0.50	0.25	ug/l	
124-48-1	Dibromochloromethane	ND	0.50	0.074	ug/l	
74-95-3	Dibromomethane	ND	0.50	0.18	ug/l	
75-71-8	Dichlorodifluoromethane	ND UJ	1.0	0.38	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND UJ	0.50	0.084	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

3.1.3

Sample results have been qualified by C. T. Male Associates, P.C. based on the results of the data review process, which is modeled after the *USEPA CLP National Functional Guidelines for Organic Data Review* (October 1999) and the *USEPA SOP Method 524.2*

Accutest Laboratories

Report of Analysis

Client Sample ID:	W4		
Lab Sample ID:	J73413-1	Date Sampled:	10/04/07
Matrix:	AQ - Ground Water	Date Received:	10/05/07
Method:	EPA 524.2 REV 4.1	Percent Solids:	n/a
Project:	Katonah, Katonah, NY		

VOA List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	ND UJ	0.50	0.065	ug/l	
95-50-1	o-Dichlorobenzene	ND	0.50	0.32	ug/l	
106-46-7	p-Dichlorobenzene	ND	0.50	0.054	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	0.50	0.11	ug/l	
156-59-2	cis-1,2-Dichloroethylene	1.2 J	0.50	0.081	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND UJ	0.50	0.055	ug/l	
100-41-4	Ethylbenzene	ND	0.50	0.15	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.19	ug/l	
110-54-3	Hexane	ND	0.50	0.36	ug/l	
591-78-6	2-Hexanone	ND	2.0	1.1	ug/l	
98-82-8	Isopropylbenzene	ND	0.50	0.40	ug/l	
99-87-6	p-Isopropyltoluene	ND	0.50	0.40	ug/l	
75-09-2	Methylene chloride	ND	0.50	0.15	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	0.50	0.065	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	2.0	0.45	ug/l	
91-20-3	Naphthalene	ND	0.50	0.074	ug/l	
103-65-1	n-Propylbenzene	ND	0.50	0.073	ug/l	
100-42-5	Styrene	ND	0.50	0.15	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.50	0.084	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.059	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.083	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	0.50	0.24	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	0.50	0.092	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	0.50	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	0.50	0.064	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	0.50	0.13	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	0.50	0.071	ug/l	
127-18-4	Tetrachloroethylene	ND	0.50	0.17	ug/l	
108-88-3	Toluene	ND	0.50	0.041	ug/l	
79-01-6	Trichloroethylene	ND	0.50	0.29	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	0.18	ug/l	
75-01-4	Vinyl chloride	ND	0.50	0.24	ug/l	
	m,p-Xylene	ND	1.0	0.21	ug/l	
95-47-6	o-Xylene	ND	0.50	0.066	ug/l	
1330-20-7	Xylenes (total)	ND	0.50	0.066	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2199-69-1	1,2-Dichlorobenzene-d4	95%		74-123%
460-00-4	4-Bromofluorobenzene	87%		71-123%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Raw Data: 3B28448.D

Accutest Laboratories

Report of Analysis

Client Sample ID:	W11		
Lab Sample ID:	J73413-2	Date Sampled:	10/04/07
Matrix:	AQ - Ground Water	Date Received:	10/05/07
Method:	EPA 524.2 REV 4.1	Percent Solids:	n/a
Project:	Katonah, Katonah, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3B28448.D	1	10/17/07	MFH	n/a	n/a	V3B1261
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND UJ	5.0	1.3	ug/l	
78-93-3	2-Butanone	ND UJ	5.0	1.2	ug/l	
71-43-2	Benzene	ND	0.50	0.069	ug/l	
108-86-1	Bromobenzene	ND	0.50	0.089	ug/l	
74-97-5	Bromochloromethane	ND	0.50	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	0.50	0.091	ug/l	
75-25-2	Bromoform	ND	0.50	0.18	ug/l	
74-83-9	Bromomethane	ND	0.50	0.38	ug/l	
104-51-8	n-Butylbenzene	ND	0.50	0.11	ug/l	
135-98-8	sec-Butylbenzene	ND	0.50	0.41	ug/l	
98-06-6	tert-Butylbenzene	ND	0.50	0.11	ug/l	
75-15-0	Carbon disulfide	ND	0.50	0.14	ug/l	
108-90-7	Chlorobenzene	ND	0.50	0.064	ug/l	
75-00-3	Chloroethane	ND	0.50	0.24	ug/l	
67-66-3	Chloroform	ND	0.50	0.068	ug/l	
74-87-3	Chloromethane	ND UJ	0.50	0.13	ug/l	
95-49-8	o-Chlorotoluene	ND	0.50	0.088	ug/l	
106-43-4	p-Chlorotoluene	ND	0.50	0.089	ug/l	
56-23-5	Carbon tetrachloride	ND	0.50	0.21	ug/l	
75-34-3	1,1-Dichloroethane	ND	0.50	0.092	ug/l	
75-35-4	1,1-Dichloroethylene	ND	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	ND	0.50	0.23	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.0	0.42	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.50	0.065	ug/l	
107-06-2	1,2-Dichloroethane	ND	0.50	0.072	ug/l	
78-87-5	1,2-Dichloropropane	ND	0.50	0.22	ug/l	
142-28-9	1,3-Dichloropropane	ND	0.50	0.051	ug/l	
594-20-7	2,2-Dichloropropane	ND	0.50	0.25	ug/l	
124-48-1	Dibromochloromethane	ND	0.50	0.074	ug/l	
74-95-3	Dibromomethane	ND	0.50	0.18	ug/l	
75-71-8	Dichlorodifluoromethane	ND UJ	1.0	0.38	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND UJ	0.50	0.084	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	W11		
Lab Sample ID:	J73413-2	Date Sampled:	10/04/07
Matrix:	AQ - Ground Water	Date Received:	10/05/07
Method:	EPA 524.2 REV 4.1	Percent Solids:	n/a
Project:	Katonah, Katonah, NY		

VOA List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	ND UJ	0.50	0.065	ug/l	
95-50-1	o-Dichlorobenzene	ND	0.50	0.32	ug/l	
106-46-7	p-Dichlorobenzene	ND	0.50	0.054	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	0.50	0.11	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	0.50	0.081	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.055	ug/l	
100-41-4	Ethylbenzene	ND	0.50	0.15	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.19	ug/l	
110-54-3	Hexane	ND	0.50	0.36	ug/l	
591-78-6	2-Hexanone	ND	2.0	1.1	ug/l	
98-82-8	Isopropylbenzene	ND	0.50	0.40	ug/l	
99-87-6	p-Isopropyltoluene	ND	0.50	0.40	ug/l	
75-09-2	Methylene chloride	ND	0.50	0.15	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	0.50	0.065	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	2.0	0.45	ug/l	
91-20-3	Naphthalene	ND	0.50	0.074	ug/l	
103-65-1	n-Propylbenzene	ND	0.50	0.073	ug/l	
100-42-5	Styrene	ND	0.50	0.15	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.50	0.084	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.059	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.083	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	0.50	0.24	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	0.50	0.092	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	0.50	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	0.50	0.064	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	0.50	0.13	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	0.50	0.071	ug/l	
127-18-4	Tetrachloroethylene	0.51 J	0.50	0.17	ug/l	
108-88-3	Toluene	ND UJ	0.50	0.041	ug/l	
79-01-6	Trichloroethylene	ND	0.50	0.29	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	0.18	ug/l	
75-01-4	Vinyl chloride	ND	0.50	0.24	ug/l	
	m,p-Xylene	ND	1.0	0.21	ug/l	
95-47-6	o-Xylene	ND	0.50	0.066	ug/l	
1330-20-7	Xylenes (total)	ND	0.50	0.066	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2199-69-1	1,2-Dichlorobenzene-d4	97%		74-123%
460-00-4	4-Bromofluorobenzene	87%		71-123%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Raw Data: 3B28467.D

Accutest Laboratories

Report of Analysis

Client Sample ID:	FB		
Lab Sample ID:	J73413-4	Date Sampled:	10/04/07
Matrix:	AQ - Field Blank Water	Date Received:	10/05/07
Method:	EPA 524.2 REV 4.1	Percent Solids:	n/a
Project:	Katonah, Katonah, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3B28467.D	1	10/17/07	MFH	n/a	n/a	V3B1262
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND UJ	5.0	1.3	ug/l	
78-93-3	2-Butanone	ND UJ	5.0	1.2	ug/l	
71-43-2	Benzene	ND	0.50	0.069	ug/l	
108-86-1	Bromobenzene	ND	0.50	0.089	ug/l	
74-97-5	Bromochloromethane	ND	0.50	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	0.50	0.091	ug/l	
75-25-2	Bromoform	ND	0.50	0.18	ug/l	
74-83-9	Bromomethane	ND UJ	0.50	0.38	ug/l	
104-51-8	n-Butylbenzene	ND	0.50	0.11	ug/l	
135-98-8	sec-Butylbenzene	ND	0.50	0.41	ug/l	
98-06-6	tert-Butylbenzene	ND	0.50	0.11	ug/l	
75-15-0	Carbon disulfide	ND	0.50	0.14	ug/l	
108-90-7	Chlorobenzene	ND	0.50	0.064	ug/l	
75-00-3	Chloroethane	ND UJ	0.50	0.24	ug/l	
67-66-3	Chloroform	ND	0.50	0.068	ug/l	
74-87-3	Chloromethane	ND	0.50	0.13	ug/l	
95-49-8	o-Chlorotoluene	ND	0.50	0.088	ug/l	
106-43-4	p-Chlorotoluene	ND	0.50	0.089	ug/l	
56-23-5	Carbon tetrachloride	ND UJ	0.50	0.21	ug/l	
75-34-3	1,1-Dichloroethane	ND	0.50	0.092	ug/l	
75-35-4	1,1-Dichloroethylene	ND	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	ND	0.50	0.23	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.0	0.42	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.50	0.065	ug/l	
107-06-2	1,2-Dichloroethane	ND UJ	0.50	0.072	ug/l	
78-87-5	1,2-Dichloropropane	ND	0.50	0.22	ug/l	
142-28-9	1,3-Dichloropropane	ND	0.50	0.051	ug/l	
594-20-7	2,2-Dichloropropane	ND UJ	0.50	0.25	ug/l	
124-48-1	Dibromochloromethane	ND	0.50	0.074	ug/l	
74-95-3	Dibromomethane	ND	0.50	0.18	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.38	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.084	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibratioo range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Sample results have been qualified by C. T. Male Associates, P.C. based on the results of the data review process, which is modeled after the *USEPA CLP National Functional Guidelines for Organic Data Review* (October 1999) and the *USEPA SOP Method 524.2*.

Report of Analysis

Client Sample ID:	FB		
Lab Sample ID:	J73413-4	Date Sampled:	10/04/07
Matrix:	AQ - Field Blank Water	Date Received:	10/05/07
Method:	EPA 524.2 REV 4.1	Percent Solids:	n/a
Project:	Katonah, Katonah, NY		

VOA List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	ND	0.50	0.065	ug/l	
95-50-1	o-Dichlorobenzene	ND	0.50	0.32	ug/l	
106-46-7	p-Dichlorobenzene	ND	0.50	0.054	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	0.50	0.11	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	0.50	0.081	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.055	ug/l	
100-41-4	Ethylbenzene	ND	0.50	0.15	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.19	ug/l	
110-54-3	Hexane	ND	0.50	0.36	ug/l	
591-78-6	2-Hexanone	ND	2.0	1.1	ug/l	
98-82-8	Isopropylbenzene	ND	0.50	0.40	ug/l	
99-87-6	p-Isopropyltoluene	ND	0.50	0.40	ug/l	
75-09-2	Methylene chloride	ND	0.50	0.15	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	0.50	0.065	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	2.0	0.45	ug/l	
91-20-3	Naphthalene	ND	0.50	0.074	ug/l	
103-65-1	n-Propylbenzene	ND	0.50	0.073	ug/l	
100-42-5	Styrene	ND	0.50	0.15	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.50	0.084	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.059	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.083	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	0.50	0.24	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	0.50	0.092	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	0.50	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	0.50	0.064	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	0.50	0.13	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	0.50	0.071	ug/l	
127-18-4	Tetrachloroethylene	ND	0.50	0.17	ug/l	
108-88-3	Toluene	ND	0.50	0.041	ug/l	
79-01-6	Trichloroethylene	ND	0.50	0.29	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	0.18	ug/l	
75-01-4	Vinyl chloride	ND	0.50	0.24	ug/l	
	m,p-Xylene	ND	1.0	0.21	ug/l	
95-47-6	o-Xylene	ND	0.50	0.066	ug/l	
1330-20-7	Xylenes (total)	ND	0.50	0.066	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2199-69-1	1,2-Dichlorobenzene-d4	95%		74-123%
460-00-4	4-Bromofluorobenzene	84%		71-123%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Raw Data: 3B28450.D

Accutest Laboratories

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	J73413-5	Date Sampled:	10/04/07
Matrix:	AQ - Trip Blank Water	Date Received:	10/05/07
Method:	EPA 524.2 REV 4.1	Percent Solids:	n/a
Project:	Katonah, Katonah, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3B28450.D	1	10/17/07	MFH	n/a	n/a	V3B1261
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND UJ	5.0	1.3	ug/l	
78-93-3	2-Butanone	ND UJ	5.0	1.2	ug/l	
71-43-2	Benzene	ND	0.50	0.069	ug/l	
108-86-1	Bromobenzene	ND	0.50	0.089	ug/l	
74-97-5	Bromochloromethane	ND	0.50	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	0.50	0.091	ug/l	
75-25-2	Bromoform	ND	0.50	0.18	ug/l	
74-83-9	Bromomethane	ND	0.50	0.38	ug/l	
104-51-8	n-Butylbenzene	ND	0.50	0.11	ug/l	
135-98-8	sec-Butylbenzene	ND	0.50	0.41	ug/l	
98-06-6	tert-Butylbenzene	ND	0.50	0.11	ug/l	
75-15-0	Carbon disulfide	ND	0.50	0.14	ug/l	
108-90-7	Chlorobenzene	ND	0.50	0.064	ug/l	
75-00-3	Chloroethane	ND	0.50	0.24	ug/l	
67-66-3	Chloroform	ND	0.50	0.068	ug/l	
74-87-3	Chloromethane	ND UJ	0.50	0.13	ug/l	
95-49-8	o-Chlorotoluene	ND	0.50	0.088	ug/l	
106-43-4	p-Chlorotoluene	ND	0.50	0.089	ug/l	
56-23-5	Carbon tetrachloride	ND	0.50	0.21	ug/l	
75-34-3	1,1-Dichloroethane	ND	0.50	0.092	ug/l	
75-35-4	1,1-Dichloroethylene	ND	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	ND	0.50	0.23	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.0	0.42	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.50	0.065	ug/l	
107-06-2	1,2-Dichloroethane	ND	0.50	0.072	ug/l	
78-87-5	1,2-Dichloropropane	ND	0.50	0.22	ug/l	
142-28-9	1,3-Dichloropropane	ND	0.50	0.051	ug/l	
594-20-7	2,2-Dichloropropane	ND	0.50	0.25	ug/l	
124-48-1	Dibromochloromethane	ND	0.50	0.074	ug/l	
74-95-3	Dibromomethane	ND	0.50	0.18	ug/l	
75-71-8	Dichlorodifluoromethane	ND UJ	1.0	0.38	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND UJ	0.50	0.084	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Sample results have been qualified by C. T. Male Associates, P.C. based on the results of the data review process, which is modeled after the *USEPA CLP National Functional Guidelines for Organic Data Review* (October 1999) and the *USEPA SOP Method 524.2*.

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	J73413-5	Date Sampled:	10/04/07
Matrix:	AQ - Trip Blank Water	Date Received:	10/05/07
Method:	EPA 524.2 REV 4.1	Percent Solids:	n/a
Project:	Katonah, Katonah, NY		

VOA List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	ND	0.50	0.065	ug/l	
95-50-1	o-Dichlorobenzene	ND	0.50	0.32	ug/l	
106-46-7	p-Dichlorobenzene	ND	0.50	0.054	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	0.50	0.11	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	0.50	0.081	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.055	ug/l	
100-41-4	Ethylbenzene	ND	0.50	0.15	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.19	ug/l	
110-54-3	Hexane	ND	0.50	0.36	ug/l	
591-78-6	2-Hexanone	ND	2.0	1.1	ug/l	
98-82-8	Isopropylbenzene	ND	0.50	0.40	ug/l	
99-87-6	p-Isopropyltoluene	ND	0.50	0.40	ug/l	
75-09-2	Methylene chloride	ND	0.50	0.15	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	0.50	0.065	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	2.0	0.45	ug/l	
91-20-3	Naphthalene	ND	0.50	0.074	ug/l	
103-65-1	n-Propylbenzene	ND	0.50	0.073	ug/l	
100-42-5	Styrene	ND	0.50	0.15	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.50	0.084	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.059	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.083	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	0.50	0.24	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	0.50	0.092	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	0.50	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	0.50	0.064	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	0.50	0.13	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	0.50	0.071	ug/l	
127-18-4	Tetrachloroethylene	ND	0.50	0.17	ug/l	
108-88-3	Toluene	ND	0.50	0.041	ug/l	
79-01-6	Trichloroethylene	ND	0.50	0.29	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	0.18	ug/l	
75-01-4	Vinyl chloride	ND	0.50	0.24	ug/l	
	m,p-Xylene	ND	1.0	0.21	ug/l	
95-47-6	o-Xylene	ND	0.50	0.066	ug/l	
1330-20-7	Xylenes (total)	ND	0.50	0.066	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2199-69-1	1,2-Dichlorobenzene-d4	95%		74-123%
460-00-4	4-Bromofluorobenzene	87%		71-123%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

APPENDIX B
LABORATORY ANALYSIS SUMMARY REPORT

New Jersey ACCUTEST

IT'S ALL IN THE CHEMISTRY

01/02/08

Technical Report for

Environmental Planning and Management

Katonah, Katonah, NY

Katonah-Q3

Accutest Job Number: J73504

Sampling Date: 10/02/07

Report to:

EPM

scherepany@epmco.com

ATTN: Steve Cherapany

Total number of pages in report: **18**

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Vincent J. Pugliese
President

ACCUTEST LABORATORIES 50 YEARS 1956-2006

Client Service contact: Tony Esposito 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, PA, RI, SC, TN, VA, WV

Test results relate only to samples analyzed.

Sections: 1 2 3 4

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Sample Summary

Environmental Planning and Management

Job No: J73504

Katonah, Katonah, NY
Project No: Katonah-Q3

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
J73504-1	10/02/07	10:45	EL	10/05/07	DW	Drinking Water	DIST
J73504-2	10/02/07	10:55	EL	10/05/07	AQ	Ground Water	STEFF
J73504-3	10/02/07	11:15	EL	10/05/07	AQ	Ground Water	RW
J73504-3D	10/02/07	11:20	EL	10/05/07	AQ	Water Dup/MSD	RW MSD
J73504-3S	10/02/07	11:20	EL	10/05/07	AQ	Water Matrix Spike	RW MS
J73504-4	10/02/07	00:00	EL	10/05/07	AQ	Ground Water	DUP
J73504-5	10/02/07	11:20	EL	10/05/07	AQ	Trip Blank Water	TRIP BLANK

CASE NARRATIVE / CONFORMANCE SUMMARY

Client:	Environmental Planning and Management	**Job No**	J73504
Site:	Katonah, Katonah, NY	**Report Date**	10/27/2007 1:39:36 P

On 10/05/2007, 4 Sample(s), 1 Trip Blank(s) and 0 Field Blank(s) were received at Accutest Laboratories at a temperature of 3.4 C. Samples were intact and properly preserved, unless noted below An Accutest Job Number of J73504 was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Volatiles by GCMS By Method EPA 524.2 REV 4.1

Matrix: AQ	Batch ID: V2B1627

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) J73504-3MS, J73504-3MSD were used as the QC samples indicated.
- Blank Spike Recovery(s) for Chloroethane, Chloromethane, Dichlorodifluoromethane, Trichlorofluoromethane, Vinyl chloride are outside control limits. High percent recoveries and no associated positive found in the QC batch.

Matrix: AQ	Batch ID: V3B1260

- All samples were analyzed within the recommended method holding time
- All method blanks for this batch meet method specific criteria.
- Sample(s) J73504-1DUP, J73520-1MS, J73504-1DUP were used as the QC samples indicated.
- Blank Spike Recovery(s) for Bromomethane are outside control limits. High percent recoveries and no associated positive found in the QC batch.
- RPD(s) for Duplicate for Chloroform are outside control limits for sample J73504-1DUP. High RPD due to possible sample analyzed from different vials.

Accutest certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting Accutest's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

Accutest Laboratories is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. Data release is authorized by Accutest Laboratories indicated via signature on the report cover

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	DIST		
Lab Sample ID:	J73504-1	**Date Sampled:**	10/02/07
Matrix:	DW - Drinking Water	**Date Received:**	10/05/07
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	Katonah, Katonah, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3B28423.D	1	10/16/07	MFH	n/a	n/a	V3B1260
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
67-64-1	Acetone	ND		5.0	1.3	ug/l	
78-93-3	2-Butanone	ND		5.0	1.2	ug/l	
71-43-2	Benzene	ND	5.0	0.50	0.069	ug/l	
108-86-1	Bromobenzene	ND		0.50	0.089	ug/l	
74-97-5	Bromochloromethane	ND		0.50	0.31	ug/l	
75-27-4	Bromodichloromethane	1.6		0.50	0.091	ug/l	
75-25-2	Bromoform	3.1		0.50	0.18	ug/l	
74-83-9	Bromomethane	ND		0.50	0.38	ug/l	
104-51-8	n-Butylbenzene	ND		0.50	0.11	ug/l	
135-98-8	sec-Butylbenzene	ND		0.50	0.41	ug/l	
98-06-6	tert-Butylbenzene	ND		0.50	0.11	ug/l	
75-15-0	Carbon disulfide	ND		0.50	0.14	ug/l	
108-90-7	Chlorobenzene	ND	100	0.50	0.064	ug/l	
75-00-3	Chloroethane	ND		0.50	0.24	ug/l	
67-66-3	Chloroform	0.41		0.50	0.068	ug/l	J
74-87-3	Chloromethane	ND		0.50	0.13	ug/l	
95-49-8	o-Chlorotoluene	ND		0.50	0.088	ug/l	
106-43-4	p-Chlorotoluene	ND		0.50	0.089	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	0.50	0.21	ug/l	
75-34-3	1,1-Dichloroethane	ND		0.50	0.092	ug/l	
75-35-4	1,1-Dichloroethylene	ND	7.0	0.50	0.24	ug/l	
563-58-6	1,1-Diehloropropene	ND		0.50	0.23	ug/l	
96-12-8	1,2-Dibromo-3-ehloropropane	ND	0.20	1.0	0.42	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.050	0.50	0.065	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	0.50	0.072	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	0.50	0.22	ug/l	
142-28-9	1,3-Dichloropropane	ND		0.50	0.051	ug/l	
594-20-7	2,2-Dichloropropane	ND		0.50	0.25	ug/l	
124-48-1	Dibromochloromethane	3.4		0.50	0.074	ug/l	
74-95-3	Dibromomethane	ND		0.50	0.18	ug/l	
75-71-8	Diehlorodifluoromethane	ND		1.0	0.38	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.084	ug/l	

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range
J = Indieates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DIST		
Lab Sample ID:	J73504-1	**Date Sampled:**	10/02/07
Matrix:	DW - Drinking Water	**Date Received:**	10/05/07
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	Katonah, Katonah, NY		

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	ND		0.50	0.065	ug/l	
95-50-1	o-Dichlorobenzene	ND	600	0.50	0.32	ug/l	
106-46-7	p-Dichlorobenzene	ND	75	0.50	0.054	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	100	0.50	0.11	ug/l	
156-59-2	cis-1,2-Diehloroethylene	ND	70	0.50	0.081	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.055	ug/l	
100-41-4	Ethylbenzene	ND	700	0.50	0.15	ug/l	
87-68-3	Hexachlorobutadiene	ND		2.0	0.19	ug/l	
110-54-3	Hexane	ND		0.50	0.36	ug/l	
591-78-6	2-Hexanone	ND		2.0	1.1	ug/l	
98-82-8	Isopropylbenzene	ND		0.50	0.40	ug/l	
99-87-6	p-Isopropyltoluene	ND		0.50	0.40	ug/l	
75-09-2	Methylene chloride	ND	5.0	0.50	0.15	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND		0.50	0.065	ug/l	
108-10-1	4-Methyl-2-pentanone	ND		2.0	0.45	ug/l	
91-20-3	Naphthalene	ND		0.50	0.074	ug/l	
103-65-1	n-Propylbenzene	ND		0.50	0.073	ug/l	
100-42-5	Styrene	ND	100	0.50	0.15	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.084	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	0.50	0.059	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.083	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.50	0.24	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND		0.50	0.092	ug/l	
96-18-4	1,2,3-Trichloropropane	ND		0.50	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	70	0.50	0.064	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND		0.50	0.13	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND		0.50	0.071	ug/l	
127-18-4	Tetrachloroethylene	ND	5.0	0.50	0.17	ug/l	
108-88-3	Toluene	ND	1000	0.50	0.041	ug/l	
79-01-6	Trichloroethylene	ND	5.0	0.50	0.29	ng/l	
75-69-4	Trichlorofluoromethane	ND		1.0	0.18	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.50	0.24	ug/l	
	m,p-Xylene	ND		1.0	0.21	ug/l	
95-47-6	o-Xylene	ND		0.50	0.066	ug/l	
1330-20-7	Xylenes (total)	ND	10000	0.50	0.066	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2199-69-1	1,2-Dichlorobenzene-d4	94%		74-123%
460-00-4	4-Bromofluorobenzene	89%		71-123%

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidenee of a compound

Report of Analysis

Client Sample ID:	STEFF		
Lab Sample ID:	J73504-2	**Date Sampled:**	10/02/07
Matrix:	AQ - Ground Water	**Date Received:**	10/05/07
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	Katonah, Katonah, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B37917.D	1	10/16/07	MFH	n/a	n/a	V2B1627
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	5.0	1.3	ug/l	
78-93-3	2-Butanone	ND	5.0	1.2	ug/l	
71-43-2	Benzene	ND	0.50	0.069	ug/l	
108-86-1	Bromobenzene	ND	0.50	0.089	ug/l	
74-97-5	Bromochloromethane	ND	0.50	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	0.50	0.091	ug/l	
75-25-2	Bromoform	ND	0.50	0.18	ug/l	
74-83-9	Bromomethane	ND	0.50	0.38	ug/l	
104-51-8	n-Butylbenzene	ND	0.50	0.11	ug/l	
135-98-8	sec-Butylbenzene	ND	0.50	0.41	ug/l	
98-06-6	tert-Butylbenzene	ND	0.50	0.11	ug/l	
75-15-0	Carbon disulfide	ND	0.50	0.14	ug/l	
108-90-7	Chlorobenzene	ND	0.50	0.064	ug/l	
75-00-3	Chloroethane	ND	0.50	0.24	ug/l	
67-66-3	Chloroform	ND	0.50	0.068	ug/l	
74-87-3	Chloromethane	ND	0.50	0.13	ug/l	
95-49-8	o-Chlorotoluene	ND	0.50	0.088	ug/l	
106-43-4	p-Chlorotoluene	ND	0.50	0.089	ug/l	
56-23-5	Carbon tetrachloride	ND	0.50	0.21	ug/l	
75-34-3	1,1-Dichloroethane	ND	0.50	0.092	ug/l	
75-35-4	1,1-Dichloroethylene	ND	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	ND	0.50	0.23	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.0	0.42	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.50	0.065	ug/l	
107-06-2	1,2-Dichloroethane	ND	0.50	0.072	ug/l	
78-87-5	1,2-Dichloropropane	ND	0.50	0.22	ug/l	
142-28-9	1,3-Dichloropropane	ND	0.50	0.051	ug/l	
594-20-7	2,2-Dichloropropane	ND	0.50	0.25	ug/l	
124-48-1	Dibromochloromethane	ND	0.50	0.074	ug/l	
74-95-3	Dibromomethane	ND	0.50	0.18	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.38	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.084	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	STEFF		
Lab Sample ID:	J73504-2	**Date Sampled:**	10/02/07
Matrix:	AQ - Ground Water	**Date Received:**	10/05/07
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	Katonah, Katonah, NY		

VOA List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	ND	0.50	0.065	ug/l	
95-50-1	o-Dichlorobenzene	ND	0.50	0.32	ug/l	
106-46-7	p-Dichlorobenzene	ND	0.50	0.054	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	0.50	0.11	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	0.50	0.081	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.055	ug/l	
100-41-4	Ethylbenzene	ND	0.50	0.15	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.19	ug/l	
110-54-3	Hexane	ND	0.50	0.36	ug/l	
591-78-6	2-Hexanone	ND	2.0	1.1	ug/l	
98-82-8	Isopropylbenzene	ND	0.50	0.40	ug/l	
99-87-6	p-Isopropyltoluene	ND	0.50	0.40	ug/l	
75-09-2	Methylene chloride	ND	0.50	0.15	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	0.50	0.065	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	2.0	0.45	ug/l	
91-20-3	Naphthalene	ND	0.50	0.074	ug/l	
103-65-1	n-Propylbenzene	ND	0.50	0.073	ug/l	
100-42-5	Styrene	ND	0.50	0.15	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.50	0.084	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.059	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.083	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	0.50	0.24	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	0.50	0.092	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	0.50	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	0.50	0.064	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	0.50	0.13	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	0.50	0.071	ug/l	
127-18-4	Tetrachloroethylene	ND	0.50	0.17	ug/l	
108-88-3	Toluene	ND	0.50	0.041	ug/l	
79-01-6	Trichloroethylene	ND	0.50	0.29	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	0.18	ug/l	
75-01-4	Vinyl chloride	ND	0.50	0.24	ug/l	
	m,p-Xylene	ND	1.0	0.21	ug/l	
95-47-6	o-Xylene	ND	0.50	0.066	ug/l	
1330-20-7	Xylenes (total)	ND	0.50	0.066	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2199-69-1	1,2-Dichlorobenzene-d4	103%		74-123%
460-00-4	4-Bromofluorobenzene	85%		71-123%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW		
Lab Sample ID:	J73504-3	**Date Sampled:**	10/02/07
Matrix:	AQ - Ground Water	**Date Received:**	10/05/07
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	Katonah, Katonah, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B37918.D	1	10/16/07	MFH	n/a	n/a	V2B1627
Run #2	2B37924.D	5	10/16/07	MFH	n/a	n/a	V2B1627

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	5.0	1.3	ug/l	
78-93-3	2-Butanone	ND	5.0	1.2	ug/l	
71-43-2	Benzene	ND	0.50	0.069	ug/l	
108-86-1	Bromobenzene	ND	0.50	0.089	ug/l	
74-97-5	Bromochloromethane	ND	0.50	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	0.50	0.091	ug/l	
75-25-2	Bromoform	ND	0.50	0.18	ug/l	
74-83-9	Bromomethane	ND	0.50	0.38	ug/l	
104-51-8	n-Butylbenzene	ND	0.50	0.11	ug/l	
135-98-8	sec-Butylbenzene	ND	0.50	0.41	ug/l	
98-06-6	tert-Butylbenzene	ND	0.50	0.11	ug/l	
75-15-0	Carbon disulfide	ND	0.50	0.14	ug/l	
108-90-7	Chlorobenzene	ND	0.50	0.064	ug/l	
75-00-3	Chloroethane	ND	0.50	0.24	ug/l	
67-66-3	Chloroform	ND	0.50	0.068	ug/l	
74-87-3	Chloromethane	ND	0.50	0.13	ug/l	
95-49-8	o-Chlorotoluene	ND	0.50	0.088	ug/l	
106-43-4	p-Chlorotoluene	ND	0.50	0.089	ug/l	
56-23-5	Carbon tetrachloride	ND	0.50	0.21	ug/l	
75-34-3	1,1-Dichloroethane	ND	0.50	0.092	ug/l	
75-35-4	1,1-Dichloroethylene	ND	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	ND	0.50	0.23	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.0	0.42	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.50	0.065	ug/l	
107-06-2	1,2-Dichloroethane	ND	0.50	0.072	ug/l	
78-87-5	1,2-Dichloropropane	ND	0.50	0.22	ug/l	
142-28-9	1,3-Dichloropropane	ND	0.50	0.051	ug/l	
594-20-7	2,2-Dichloropropane	ND	0.50	0.25	ug/l	
124-48-1	Dibromochloromethane	ND	0.50	0.074	ug/l	
74-95-3	Dibromomethane	ND	0.50	0.18	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.38	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.084	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW		
Lab Sample ID:	J73504-3	**Date Sampled:**	10/02/07
Matrix:	AQ - Ground Water	**Date Received:**	10/05/07
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	Katonah, Katonah, NY		

VOA List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	ND	0.50	0.065	ug/l	
95-50-1	o-Dichlorobenzene	ND	0.50	0.32	ug/l	
106-46-7	p-Dichlorobenzene	ND	0.50	0.054	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	0.50	0.11	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.99	0.50	0.081	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.055	ug/l	
100-41-4	Ethylbenzene	ND	0.50	0.15	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.19	ug/l	
110-54-3	Hexane	ND	0.50	0.36	ug/l	
591-78-6	2-Hexanone	ND	2.0	1.1	ug/l	
98-82-8	Isopropylbenzene	ND	0.50	0.40	ug/l	
99-87-6	p-Isopropyltoluene	ND	0.50	0.40	ug/l	
75-09-2	Methylene chloride	ND	0.50	0.15	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.098	0.50	0.065	ug/l	J
108-10-1	4-Methyl-2-pentanone	ND	2.0	0.45	ug/l	
91-20-3	Naphthalene	ND	0.50	0.074	ug/l	
103-65-1	n-Propylbenzene	ND	0.50	0.073	ug/l	
100-42-5	Styrene	ND	0.50	0.15	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.50	0.084	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.059	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.083	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	0.50	0.24	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	0.50	0.092	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	0.50	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	0.50	0.064	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	0.50	0.13	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	0.50	0.071	ug/l	
127-18-4	Tetrachloroethylene	40.4 [a]	2.5	0.84	ug/l	
108-88-3	Toluene	ND	0.50	0.041	ug/l	
79-01-6	Trichloroethylene	1.0	0.50	0.29	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	0.18	ug/l	
75-01-4	Vinyl chloride	ND	0.50	0.24	ug/l	
	m,p-Xylene	ND	1.0	0.21	ug/l	
95-47-6	o-Xylene	ND	0.50	0.066	ug/l	
1330-20-7	Xylenes (total)	ND	0.50	0.066	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2199-69-1	1,2-Dichlorobenzene-d4	93%	101%	74-123%
460-00-4	4-Bromofluorobenzene	78%	85%	71-123%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW		
Lab Sample ID:	J73504-3	**Date Sampled:**	10/02/07
Matrix:	AQ - Ground Water	**Date Received:**	10/05/07
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	Katonah, Katonah, NY		

VOA List

CAS No.	Compound	Result	RL	MDL	Units	Q

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP		
Lab Sample ID:	J73504-4	**Date Sampled:**	10/02/07
Matrix:	AQ - Ground Water	**Date Received:**	10/05/07
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	Katonah, Katonah, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B37922.D	1	10/16/07	MFH	n/a	n/a	V2B1627
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	5.0	1.3	ug/l	
78-93-3	2-Butanone	ND	5.0	1.2	ug/l	
71-43-2	Benzene	ND	0.50	0.069	ug/l	
108-86-1	Bromobenzene	ND	0.50	0.089	ug/l	
74-97-5	Bromochloromethane	ND	0.50	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	0.50	0.091	ug/l	
75-25-2	Bromoform	ND	0.50	0.18	ug/l	
74-83-9	Bromomethane	ND	0.50	0.38	ug/l	
104-51-8	n-Butylbenzene	ND	0.50	0.11	ug/l	
135-98-8	sec-Butylbenzene	ND	0.50	0.41	ug/l	
98-06-6	tert-Butylbenzene	ND	0.50	0.11	ug/l	
75-15-0	Carbon disulfide	ND	0.50	0.14	ug/l	
108-90-7	Chlorobenzene	ND	0.50	0.064	ug/l	
75-00-3	Chloroethane	ND	0.50	0.24	ug/l	
67-66-3	Chloroform	ND	0.50	0.068	ug/l	
74-87-3	Chloromethane	ND	0.50	0.13	ug/l	
95-49-8	o-Chlorotoluene	ND	0.50	0.088	ug/l	
106-43-4	p-Chlorotoluene	ND	0.50	0.089	ug/l	
56-23-5	Carbon tetrachloride	ND	0.50	0.21	ug/l	
75-34-3	1,1-Dichloroethane	ND	0.50	0.092	ug/l	
75-35-4	1,1-Dichloroethylene	ND	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	ND	0.50	0.23	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.0	0.42	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.50	0.065	ug/l	
107-06-2	1,2-Dichloroethane	ND	0.50	0.072	ug/l	
78-87-5	1,2-Dichloropropane	ND	0.50	0.22	ug/l	
142-28-9	1,3-Dichloropropane	ND	0.50	0.051	ug/l	
594-20-7	2,2-Dichloropropane	ND	0.50	0.25	ug/l	
124-48-1	Dibromochloromethane	ND	0.50	0.074	ug/l	
74-95-3	Dibromomethane	ND	0.50	0.18	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.38	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.084	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP		
Lab Sample ID:	J73504-4	**Date Sampled:**	10/02/07
Matrix:	AQ - Ground Water	**Date Received:**	10/05/07
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	Katonah, Katonah, NY		

VOA List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	ND	0.50	0.065	ug/l	
95-50-1	o-Dichlorobenzene	ND	0.50	0.32	ug/l	
106-46-7	p-Dichlorobenzene	ND	0.50	0.054	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	0.50	0.11	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	0.50	0.081	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.055	ug/l	
100-41-4	Ethylbenzene	ND	0.50	0.15	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.19	ug/l	
110-54-3	Hexane	ND	0.50	0.36	ug/l	
591-78-6	2-Hexanone	ND	2.0	1.1	ug/l	
98-82-8	Isopropylbenzene	ND	0.50	0.40	ug/l	
99-87-6	p-Isopropyltoluene	ND	0.50	0.40	ug/l	
75-09-2	Methylene chloride	ND	0.50	0.15	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	0.50	0.065	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	2.0	0.45	ug/l	
91-20-3	Naphthalene	ND	0.50	0.074	ug/l	
103-65-1	n-Propylbenzene	ND	0.50	0.073	ug/l	
100-42-5	Styrene	ND	0.50	0.15	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.50	0.084	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.059	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.083	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	0.50	0.24	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	0.50	0.092	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	0.50	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	0.50	0.064	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	0.50	0.13	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	0.50	0.071	ug/l	
127-18-4	Tetrachloroethylene	ND	0.50	0.17	ug/l	
108-88-3	Toluene	ND	0.50	0.041	ug/l	
79-01-6	Trichloroethylene	ND	0.50	0.29	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	0.18	ug/l	
75-01-4	Vinyl chloride	ND	0.50	0.24	ug/l	
	m,p-Xylene	ND	1.0	0.21	ug/l	
95-47-6	o-Xylene	ND	0.50	0.066	ug/l	
1330-20-7	Xylenes (total)	ND	0.50	0.066	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2199-69-1	1,2-Dichlorobenzene-d4	92%		74-123%
460-00-4	4-Bromofluorobenzene	82%		71-123%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	J73504-5	**Date Sampled:**	10/02/07
Matrix:	AQ - Trip Blank Water	**Date Received:**	10/05/07
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	Katonah, Katonah, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B37923.D	1	10/16/07	MFH	n/a	n/a	V2B1627
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	5.0	1.3	ug/l	
78-93-3	2-Butanone	ND	5.0	1.2	ug/l	
71-43-2	Benzene	ND	0.50	0.069	ug/l	
108-86-1	Bromobenzene	ND	0.50	0.089	ug/l	
74-97-5	Bromochloromethane	ND	0.50	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	0.50	0.091	ug/l	
75-25-2	Bromoform	ND	0.50	0.18	ug/l	
74-83-9	Bromomethane	ND	0.50	0.38	ug/l	
104-51-8	n-Butylbenzene	ND	0.50	0.11	ug/l	
135-98-8	sec-Butylbenzene	ND	0.50	0.41	ug/l	
98-06-6	tert-Butylbenzene	ND	0.50	0.11	ug/l	
75-15-0	Carbon disulfide	ND	0.50	0.14	ug/l	
108-90-7	Chlorobenzene	ND	0.50	0.064	ug/l	
75-00-3	Chloroethane	ND	0.50	0.24	ug/l	
67-66-3	Chloroform	ND	0.50	0.068	ug/l	
74-87-3	Chloromethane	ND	0.50	0.13	ug/l	
95-49-8	o-Chlorotoluene	ND	0.50	0.088	ug/l	
106-43-4	p-Chlorotoluene	ND	0.50	0.089	ug/l	
56-23-5	Carbon tetrachloride	ND	0.50	0.21	ug/l	
75-34-3	1,1-Dichloroethane	ND	0.50	0.092	ug/l	
75-35-4	1,1-Dichloroethylene	ND	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	ND	0.50	0.23	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.0	0.42	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.50	0.065	ug/l	
107-06-2	1,2-Dichloroethane	ND	0.50	0.072	ug/l	
78-87-5	1,2-Dichloropropane	ND	0.50	0.22	ug/l	
142-28-9	1,3-Dichloropropane	ND	0.50	0.051	ug/l	
594-20-7	2,2-Dichloropropane	ND	0.50	0.25	ug/l	
124-48-1	Dibromochloromethane	ND	0.50	0.074	ug/l	
74-95-3	Dibromomethane	ND	0.50	0.18	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.38	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.084	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	J73504-5	**Date Sampled:**	10/02/07
Matrix:	AQ - Trip Blank Water	**Date Received:**	10/05/07
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	Katonah, Katonah, NY		

VOA List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	ND	0.50	0.065	ug/l	
95-50-1	o-Dichlorobenzene	ND	0.50	0.32	ug/l	
106-46-7	p-Dichlorobenzene	ND	0.50	0.054	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	0.50	0.11	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	0.50	0.081	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.055	ug/l	
100-41-4	Ethylbenzene	ND	0.50	0.15	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.19	ug/l	
110-54-3	Hexane	ND	0.50	0.36	ug/l	
591-78-6	2-Hexanone	ND	2.0	1.1	ug/l	
98-82-8	Isopropylbenzene	ND	0.50	0.40	ug/l	
99-87-6	p-Isopropyltoluene	ND	0.50	0.40	ug/l	
75-09-2	Methylene chloride	ND	0.50	0.15	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	0.50	0.065	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	2.0	0.45	ug/l	
91-20-3	Naphthalene	ND	0.50	0.074	ug/l	
103-65-1	n-Propylbenzene	ND	0.50	0.073	ug/l	
100-42-5	Styrene	ND	0.50	0.15	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.50	0.084	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.059	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.083	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	0.50	0.24	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	0.50	0.092	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	0.50	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	0.50	0.064	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	0.50	0.13	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	0.50	0.071	ug/l	
127-18-4	Tetrachloroethylene	ND	0.50	0.17	ug/l	
108-88-3	Toluene	ND	0.50	0.041	ug/l	
79-01-6	Trichloroethylene	ND	0.50	0.29	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	0.18	ug/l	
75-01-4	Vinyl chloride	ND	0.50	0.24	ug/l	
	m,p-Xylene	ND	1.0	0.21	ug/l	
95-47-6	o-Xylene	ND	0.50	0.066	ug/l	
1330-20-7	Xylenes (total)	ND	0.50	0.066	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2199-69-1	1,2-Dichlorobenzene-d4	93%		74-123%
460-00-4	4-Bromofluorobenzene	78%		71-123%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

ACCUTEST. Laboratories

DW GW TB

2235 Route 130, Dayton NJ 08810
TEL. 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

FED-EX Tracking # 8594 4937 6362
Bottle Order Control # mc-9/27/2007-8
Accutest Quote #
Accutest Job # J73504

Client / Reporting Information

Company Name: Environmental Planning & mgmt
Address: 1983 Marcus Ave. Suite 109
City: L. Success State: NY Zip: 11042
Project Contact: ERIC Luchs E-mail:
Phone #: 516-328-1194
Sampler's Name: ERIC Luchs

Project Information

Project Name: Katonah - 03
Street:
City: State:
Project #:
Fax #:
Client Purchase Order #:

Requested Analyses

VOCs - 524.2

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL - Sludge
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe

LAB USE ONLY

Accutest Sample #	Field ID / Point of Collection	SUMMA # / MEOH Vial #	Collection Date	Time	Sampled By	Matrix	# of bottles	Number of preserved Bottles	Requested Analyses
1	DIST		10/2/07	10:45	EL	DW	3	3	X
2	STEFF		10/2/07	10:55	EL	GW	3	3	X
3	RW		10/2/07	11:15	EL	GW	3	3	X
	RW/MS/MSD		10/2/07	11:20	EL	GW	3	3	X
4	DUP		10/2/07	—	EL	GW	3	3	X
5	Trip Blank		10/2/07	—	—	WW	3	3	X

Turnaround Time (Business Days)

- [X] Std. 15 Business Days — Approved By: / Date:
- [ ] 10 Day RUSH
- [ ] 5 Day RUSH
- [ ] 3 Day EMERGENCY
- [ ] 2 Day EMERGENCY
- [ ] 1 Day EMERGENCY
- [ ] Other

Emergency & Rush T/A data available VIA LabLink

Data Deliverable Information

- [ ] Commercial "A"
- [ ] Commercial "B"
- [ ] NJ Reduced
- [ ] NJ Full
- [ ] Other
- [X] FULL CLP ASP
- [ ] NYASP Category A
- [ ] NYASP Category B
- [ ] State Forms
- [ ] EDD Format

Commercial "A" = Results Only

Comments / Remarks

Please Return Cooler To EPM. 2299F

DW TB filled 9/27/07 @ 0630 TES 10/5/07

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler	Date Time	Received by	Relinquished by	Date Time	Received by
1 Eric Luchs	10/2/07 12:30	1 Fed Ex	2 Fed Ex	10/3/07 0730	3
Relinquished by 2	Date Time	Received by 2	Relinquished by 4	Date Time	Received by 4
Relinquished by 5	Date Time	Received by 5	Custody Seal #	Preserved where applicable	On Ice Cooler Temp. 3.4°C

1 2A

TR

4.1 4

J73504: Chain of Custody
Page 1 of 1

New Jersey ACCUTEST

IT'S ALL IN THE CHEMISTRY

01/02/08

Technical Report for

Environmental Planning and Management

Katonah, Katonah, NY

27001

Accutest Job Number: J73413

Sampling Date: 10/04/07

Report to:

EPM

scherepany@epmco.com

ATTN: Steve Cherapany

Total number of pages in report: **24**

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable

Vineent J. Pugliese
President

Client Service contact: Tony Esposito 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, PA, RI, SC, TN, VA, WV

Test results relate only to samples analyzed

ACCUTEST LABORATORIES 50 YEARS 1956-2006

Sections: 1 2 3 4

Table of Contents

Sample Summary

Environmental Planning and Management

Job No: J73413

Katonah, Katonah, NY
Project No: 27001

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
J73413-1	10/04/07	12:00	DF	10/05/07	AQ	Ground Water	W4
J73413-2	10/04/07	12:20	DF	10/05/07	AQ	Ground Water	W11
J73413-3	10/04/07	13:45	DF	10/05/07	AQ	Ground Water	DEP
J73413-4	10/04/07	12:40	DF	10/05/07	AQ	Field Blank Water	FB
J73413-5	10/04/07	13:45	DF	10/05/07	AQ	Trip Blank Water	TRIP BLANK

CASE NARRATIVE / CONFORMANCE SUMMARY

Client:	Environmental Planning and Management	**Job No**	J73413
Site:	Katonah, Katonah, NY	**Report Date**	10/27/2007 1:28:51 PM

On 10/05/2007, 3 Sample(s), 1 Trip Blank(s) and 1 Field Blank(s) were received at Accutest Laboratories at a temperature of 2.4 C. Samples were intact and properly preserved, unless noted below. An Accutest Job Number of J73413 was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Volatiles by GCMS By Method EPA 524.2 REV 4.1

Matrix AQ **Batch ID:** V3B1261

- All samples were analyzed within the recommended method holding time
- All method blanks for this batch meet method specific criteria.
- Sample(s) J73316-1MS, J73316-2DUP were used as the QC samples indicated.

Matrix AQ **Batch ID:** V3B1262

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria
- Sample(s) J73491-1MS, J73491-2DUP were used as the QC samples indicated.
- Blank Spike Recovery(s) for Bromomethane, Chloroethane, Trichlorofluoromethane are outside control limits. High percent recoveries and no associated positive found in the QC batch.
- RPD(s) for Duplicate for 2-Butanone are outside control limits for sample J73491-2DUP. High RPD due to low concentration of hit

Metals By Method SW846 6010B

Matrix AQ **Batch ID:** MP41265

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) J73259-1FMS, J73259-1FMSD, J73259-1FSDL were used as the QC samples for metals.
- Matrix Spike / Matrix Spike Duplicate Recovery(s) for Calcium are outside control limits. Spike recovery indicates possible matrix interference
- Matrix Spike / Matrix Spike Duplicate Recovery(s) for Iron, Manganese are outside control limits. Spike amount low relative to the sample amount Refer to lab control or spike blank for recovery information

Wet Chemistry By Method EPA 300/SW846 9056

Matrix AQ **Batch ID:** GP41452

- All samples were prepared within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) J73961-1DUP, J73961-1MS were used as the QC samples for Chloride.

Wet Chemistry By Method SM19 2510B/SW 9050A

Matrix AQ	Batch ID: GN8372

- Sample(s) J73413-1DUP were used as the QC samples for Specific Conductivity.

Wet Chemistry By Method SM20 4500H B

Matrix AQ	Batch ID: R67242

- The data for SM20 4500H B meets quality control requirements.
- J73413-1 for pH. Sample received out of holding time for pH analysis.

Matrix AQ	Batch ID: R67243

- The data for SM20 4500H B meets quality control requirements.
- J73413-2 for pH: Sample received out of holding time for pH analysis.

Matrix AQ	Batch ID: R67244

- The data for SM20 4500H B meets quality control requirements.
- J73413-3 for pH: Sample received out of holding time for pH analysis.

Matrix AQ	Batch ID: R67245

- The data for SM20 4500H B meets quality control requirements.
- J73413-4 for pH: Sample received out of holding time for pH analysis.

Accutest certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting Accutest's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and imprecision for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

Accutest Laboratories is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. Data release is authorized by Accutest Laboratories indicated via signature on the report cover

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	W4		
Lab Sample ID:	J73413-1	**Date Sampled:**	10/04/07
Matrix:	AQ - Ground Water	**Date Received:**	10/05/07
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	Katonah, Katonah, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3B28447.D	1	10/17/07	MFH	n/a	n/a	V3B1261
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	5.0	1.3	ug/l	
78-93-3	2-Butanone	ND	5.0	1.2	ug/l	
71-43-2	Benzene	ND	0.50	0.069	ug/l	
108-86-1	Bromobenzene	ND	0.50	0.089	ug/l	
74-97-5	Bromochloromethane	ND	0.50	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	0.50	0.091	ug/l	
75-25-2	Bromoform	ND	0.50	0.18	ug/l	
74-83-9	Bromomethane	ND	0.50	0.38	ug/l	
104-51-8	n-Butylbenzene	ND	0.50	0.11	ug/l	
135-98-8	sec-Butylbenzene	ND	0.50	0.41	ug/l	
98-06-6	tert-Butylbenzene	ND	0.50	0.11	ug/l	
75-15-0	Carbon disulfide	ND	0.50	0.14	ug/l	
108-90-7	Chlorobenzene	ND	0.50	0.064	ug/l	
75-00-3	Chloroethane	ND	0.50	0.24	ug/l	
67-66-3	Chloroform	ND	0.50	0.068	ug/l	
74-87-3	Chloromethane	ND	0.50	0.13	ug/l	
95-49-8	o-Chlorotoluene	ND	0.50	0.088	ug/l	
106-43-4	p-Chlorotoluene	ND	0.50	0.089	ug/l	
56-23-5	Carbon tetrachloride	ND	0.50	0.21	ug/l	
75-34-3	1,1-Dichloroethane	ND	0.50	0.092	ug/l	
75-35-4	1,1-Dichloroethylene	ND	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	ND	0.50	0.23	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.0	0.42	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.50	0.065	ug/l	
107-06-2	1,2-Dichloroethane	ND	0.50	0.072	ug/l	
78-87-5	1,2-Dichloropropane	ND	0.50	0.22	ug/l	
142-28-9	1,3-Dichloropropane	ND	0.50	0.051	ug/l	
594-20-7	2,2-Dichloropropane	ND	0.50	0.25	ug/l	
124-48-1	Dibromochloromethane	ND	0.50	0.074	ug/l	
74-95-3	Dibromomethane	ND	0.50	0.18	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.38	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.084	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	W4		
Lab Sample ID:	J73413-1	**Date Sampled:**	10/04/07
Matrix:	AQ - Ground Water	**Date Received:**	10/05/07
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	Katonah, Katonah, NY		

VOA List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	ND	0.50	0.065	ug/l	
95-50-1	o-Dichlorobenzene	ND	0.50	0.32	ug/l	
106-46-7	p-Dichlorobenzene	ND	0.50	0.054	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	0.50	0.11	ug/l	
156-59-2	cis-1,2-Dichloroethylene	1.2	0.50	0.081	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.055	ug/l	
100-41-4	Ethylbenzene	ND	0.50	0.15	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.19	ug/l	
110-54-3	Hexane	ND	0.50	0.36	ug/l	
591-78-6	2-Hexanone	ND	2.0	1.1	ug/l	
98-82-8	Isopropylbenzene	ND	0.50	0.40	ug/l	
99-87-6	p-Isopropyltoluene	ND	0.50	0.40	ug/l	
75-09-2	Methylene chloride	ND	0.50	0.15	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	0.50	0.065	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	2.0	0.45	ug/l	
91-20-3	Naphthalene	ND	0.50	0.074	ug/l	
103-65-1	n-Propylbenzene	ND	0.50	0.073	ug/l	
100-42-5	Styrene	ND	0.50	0.15	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.50	0.084	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.059	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.083	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	0.50	0.24	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	0.50	0.092	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	0.50	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	0.50	0.064	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	0.50	0.13	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	0.50	0.071	ug/l	
127-18-4	Tetrachloroethylene	ND	0.50	0.17	ug/l	
108-88-3	Toluene	ND	0.50	0.041	ug/l	
79-01-6	Trichloroethylene	ND	0.50	0.29	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	0.18	ug/l	
75-01-4	Vinyl chloride	ND	0.50	0.24	ug/l	
	m,p-Xylene	ND	1.0	0.21	ug/l	
95-47-6	o-Xylene	ND	0.50	0.066	ug/l	
1330-20-7	Xylenes (total)	ND	0.50	0.066	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2199-69-1	1,2-Dichlorobenzene-d4	95%		74-123%
460-00-4	4-Bromofluorobenzene	87%		71-123%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	W4		
Lab Sample ID:	J73413-1	**Date Sampled:**	10/04/07
Matrix:	AQ - Ground Water	**Date Received:**	10/05/07
		Percent Solids:	n/a
Project:	Katonah, Katonah, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	152000	5000	ug/l	1	10/23/07	10/24/07	ND	SW846 6010B [1]	SW846 3010A [2]
Iron	4500	100	ug/l	1	10/23/07	10/24/07	ND	SW846 6010B [1]	SW846 3010A [2]
Manganese	2100	15	ug/l	1	10/23/07	10/24/07	ND	SW846 6010B [1]	SW846 3010A [2]
Sodium	111000	10000	ug/l	1	10/23/07	10/24/07	ND	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA19988
(2) Prep QC Batch: MP41265

RL = Reporting Limit

Report of Analysis

Client Sample ID:	W4		
Lab Sample ID:	J73413-1	**Date Sampled:**	10/04/07
Matrix:	AQ - Ground Water	**Date Received:**	10/05/07
		Percent Solids:	n/a
Project:	Katonah, Katonah, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chloride	341	2.0	mg/l	1	10/22/07 21:57	NR	EPA 300/SW846 9056
Specific Conductivity	1680	0.50	umhos/cm	1	10/11/07	ST	SM19 2510B/SW 9050A
pH [a]	6.55		su	1	10/05/07 14:25		SM20 4500H B

(a) Sample received out of holding time for pH analysis.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	W11		
Lab Sample ID:	J73413-2	**Date Sampled:**	10/04/07
Matrix:	AQ - Ground Water	**Date Received:**	10/05/07
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	Katonah, Katonah, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3B28448.D	1	10/17/07	MFH	n/a	n/a	V3B1261
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	5.0	1.3	ug/l	
78-93-3	2-Butanone	ND	5.0	1.2	ug/l	
71-43-2	Benzene	ND	0.50	0.069	ug/l	
108-86-1	Bromobenzene	ND	0.50	0.089	ug/l	
74-97-5	Bromochloromethane	ND	0.50	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	0.50	0.091	ug/l	
75-25-2	Bromoform	ND	0.50	0.18	ug/l	
74-83-9	Bromomethane	ND	0.50	0.38	ug/l	
104-51-8	n-Butylbenzene	ND	0.50	0.11	ug/l	
135-98-8	sec-Butylbenzene	ND	0.50	0.41	ug/l	
98-06-6	tert-Butylbenzene	ND	0.50	0.11	ug/l	
75-15-0	Carbon disulfide	ND	0.50	0.14	ug/l	
108-90-7	Chlorobenzene	ND	0.50	0.064	ug/l	
75-00-3	Chloroethane	ND	0.50	0.24	ug/l	
67-66-3	Chloroform	ND	0.50	0.068	ug/l	
74-87-3	Chloromethane	ND	0.50	0.13	ug/l	
95-49-8	o-Chlorotoluene	ND	0.50	0.088	ug/l	
106-43-4	p-Chlorotoluene	ND	0.50	0.089	ug/l	
56-23-5	Carbon tetrachloride	ND	0.50	0.21	ug/l	
75-34-3	1,1-Dichloroethane	ND	0.50	0.092	ug/l	
75-35-4	1,1-Dichloroethylene	ND	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	ND	0.50	0.23	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.0	0.42	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.50	0.065	ug/l	
107-06-2	1,2-Dichloroethane	ND	0.50	0.072	ug/l	
78-87-5	1,2-Dichloropropane	ND	0.50	0.22	ug/l	
142-28-9	1,3-Dichloropropane	ND	0.50	0.051	ug/l	
594-20-7	2,2-Dichloropropane	ND	0.50	0.25	ug/l	
124-48-1	Dibromochloromethane	ND	0.50	0.074	ug/l	
74-95-3	Dibromomethane	ND	0.50	0.18	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.38	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.084	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exeeeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	W11		
Lab Sample ID:	J73413-2	**Date Sampled:**	10/04/07
Matrix:	AQ - Ground Water	**Date Received:**	10/05/07
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	Katonah, Katonah, NY		

VOA List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	ND	0.50	0.065	ug/l	
95-50-1	o-Dichlorobenzene	ND	0.50	0.32	ug/l	
106-46-7	p-Dichlorobenzene	ND	0.50	0.054	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	0.50	0.11	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	0.50	0.081	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.055	ug/l	
100-41-4	Ethylbenzene	ND	0.50	0.15	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.19	ug/l	
110-54-3	Hexane	ND	0.50	0.36	ug/l	
591-78-6	2-Hexanone	ND	2.0	1.1	ug/l	
98-82-8	Isopropylbenzene	ND	0.50	0.40	ug/l	
99-87-6	p-Isopropyltoluene	ND	0.50	0.40	ug/l	
75-09-2	Methylene chloride	ND	0.50	0.15	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	0.50	0.065	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	2.0	0.45	ug/l	
91-20-3	Naphthalene	ND	0.50	0.074	ug/l	
103-65-1	n-Propylbenzene	ND	0.50	0.073	ug/l	
100-42-5	Styrene	ND	0.50	0.15	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.50	0.084	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.059	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.083	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	0.50	0.24	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	0.50	0.092	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	0.50	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	0.50	0.064	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	0.50	0.13	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	0.50	0.071	ug/l	
127-18-4	Tetrachloroethylene	0.51	0.50	0.17	ug/l	
108-88-3	Toluene	ND	0.50	0.041	ug/l	
79-01-6	Trichloroethylene	ND	0.50	0.29	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	0.18	ug/l	
75-01-4	Vinyl chloride	ND	0.50	0.24	ug/l	
	m,p-Xylene	ND	1.0	0.21	ug/l	
95-47-6	o-Xylene	ND	0.50	0.066	ug/l	
1330-20-7	Xylenes (total)	ND	0.50	0.066	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2199-69-1	1,2-Dichlorobenzene-d4	97%		74-123%
460-00-4	4-Bromofluorobenzene	87%		71-123%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: W11
Lab Sample ID: J73413-2
Matrix: AQ - Ground Water
Project: Katonah, Katonah, NY

Date Sampled: 10/04/07
Date Received: 10/05/07
Percent Solids: n/a

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	97600	5000	ug/l	1	10/23/07	10/24/07	ND	SW846 6010B [1]	SW846 3010A [2]
Iron	3500	100	ug/l	1	10/23/07	10/24/07	ND	SW846 6010B [1]	SW846 3010A [2]
Manganese	101	15	ug/l	1	10/23/07	10/24/07	ND	SW846 6010B [1]	SW846 3010A [2]
Sodium	95900	10000	ug/l	1	10/23/07	10/24/07	ND	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA19988
(2) Prep QC Batch: MP41265

RL = Reporting Limit

Report of Analysis

Client Sample ID:	W11		
Lab Sample ID:	J73413-2	**Date Sampled:**	10/04/07
Matrix:	AQ - Ground Water	**Date Received:**	10/05/07
		Percent Solids:	n/a
Project:	Katonah, Katonah, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chloride	243	2.0	mg/l	1	10/22/07 22:19	NR	EPA 300/SW846 9056
Specific Conductivity	1290	0.50	umhos/cm	1	10/11/07	ST	SM19 2510B/SW 9050A
pH [a]	7.22		su	1	10/05/07 14:30		SM20 4500H B

(a) Sample received out of holding time for pH analysis.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	DEP		
Lab Sample ID:	J73413-3	**Date Sampled:**	10/04/07
Matrix:	AQ - Ground Water	**Date Received:**	10/05/07
		Percent Solids:	n/a
Project:	Katonah, Katonah, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	108000	5000	ug/l	1	10/23/07	10/24/07	ND	SW846 6010B [1]	SW846 3010A [2]
Iron	5310	100	ug/l	1	10/23/07	10/24/07	ND	SW846 6010B [1]	SW846 3010A [2]
Manganese	69.4	15	ug/l	1	10/23/07	10/24/07	ND	SW846 6010B [1]	SW846 3010A [2]
Sodium	114000	10000	ug/l	1	10/23/07	10/24/07	ND	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA19988
(2) Prep QC Batch: MP41265

RL = Reporting Limit

Report of Analysis

Client Sample ID:	DEP		
Lab Sample ID:	J73413-3	**Date Sampled:**	10/04/07
Matrix:	AQ - Ground Water	**Date Received:**	10/05/07
		Percent Solids:	n/a
Project:	Katonah, Katonah, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chloride	304	2.0	mg/l	1	10/22/07 23:26	NR	EPA 300/SW846 9056
Specific Conductivity	1540	0.50	umhos/cm	1	10/11/07	ST	SM19 2510B/SW 9050A
pH [a]	7.57		su	1	10/05/07 14:35		SM20 4500H B

(a) Sample received out of holding time for pH analysis.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	FB		
Lab Sample ID:	J73413-4	**Date Sampled:**	10/04/07
Matrix:	AQ - Field Blank Water	**Date Received:**	10/05/07
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	Katonah, Katonah, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3B28467.D	1	10/17/07	MFH	n/a	n/a	V3B1262
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	5.0	1.3	ug/l	
78-93-3	2-Butanone	ND	5.0	1.2	ug/l	
71-43-2	Benzene	ND	0.50	0.069	ug/l	
108-86-1	Bromobenzene	ND	0.50	0.089	ng/l	
74-97-5	Bromochloromethane	ND	0.50	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	0.50	0.091	ug/l	
75-25-2	Bromoform	ND	0.50	0.18	ug/l	
74-83-9	Bromomethane	ND	0.50	0.38	ug/l	
104-51-8	n-Butylbenzene	ND	0.50	0.11	ug/l	
135-98-8	sec-Butylbenzene	ND	0.50	0.41	ug/l	
98-06-6	tert-Butylbenzene	ND	0.50	0.11	ug/l	
75-15-0	Carbon disulfide	ND	0.50	0.14	ug/l	
108-90-7	Chlorobenzene	ND	0.50	0.064	ug/l	
75-00-3	Chloroethane	ND	0.50	0.24	ug/l	
67-66-3	Chloroform	ND	0.50	0.068	ug/l	
74-87-3	Chloromethane	ND	0.50	0.13	ug/l	
95-49-8	o-Chlorotoluene	ND	0.50	0.088	ug/l	
106-43-4	p-Chlorotoluene	ND	0.50	0.089	ug/l	
56-23-5	Carbon tetrachloride	ND	0.50	0.21	ug/l	
75-34-3	1,1-Dichloroethane	ND	0.50	0.092	ug/l	
75-35-4	1,1-Dichloroethylene	ND	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	ND	0.50	0.23	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.0	0.42	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.50	0.065	ug/l	
107-06-2	1,2-Dichloroethane	ND	0.50	0.072	ug/l	
78-87-5	1,2-Dichloropropane	ND	0.50	0.22	ug/l	
142-28-9	1,3-Dichloropropane	ND	0.50	0.051	ug/l	
594-20-7	2,2-Dichloropropane	ND	0.50	0.25	ug/l	
124-48-1	Dibromochloromethane	ND	0.50	0.074	ug/l	
74-95-3	Dibromomethane	ND	0.50	0.18	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.38	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.084	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FB		
Lab Sample ID:	J73413-4	**Date Sampled:**	10/04/07
Matrix:	AQ - Field Blank Water	**Date Received:**	10/05/07
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	Katonah, Katonah, NY		

VOA List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	ND	0.50	0.065	ug/l	
95-50-1	o-Dichlorobenzene	ND	0.50	0.32	ug/l	
106-46-7	p-Dichlorobenzene	ND	0.50	0.054	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	0.50	0.11	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	0.50	0.081	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.055	ug/l	
100-41-4	Ethylbenzene	ND	0.50	0.15	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.19	ug/l	
110-54-3	Hexane	ND	0.50	0.36	ug/l	
591-78-6	2-Hexanone	ND	2.0	1.1	ug/l	
98-82-8	Isopropylbenzene	ND	0.50	0.40	ug/l	
99-87-6	p-Isopropyltoluene	ND	0.50	0.40	ug/l	
75-09-2	Methylene chloride	ND	0.50	0.15	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	0.50	0.065	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	2.0	0.45	ug/l	
91-20-3	Naphthalene	ND	0.50	0.074	ug/l	
103-65-1	n-Propylbenzene	ND	0.50	0.073	ug/l	
100-42-5	Styrene	ND	0.50	0.15	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.50	0.084	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.059	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.083	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	0.50	0.24	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	0.50	0.092	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	0.50	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	0.50	0.064	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	0.50	0.13	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	0.50	0.071	ug/l	
127-18-4	Tetrachloroethylene	ND	0.50	0.17	ug/l	
108-88-3	Toluene	ND	0.50	0.041	ug/l	
79-01-6	Trichloroethylene	ND	0.50	0.29	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	0.18	ug/l	
75-01-4	Vinyl chloride	ND	0.50	0.24	ug/l	
	m,p-Xylene	ND	1.0	0.21	ug/l	
95-47-6	o-Xylene	ND	0.50	0.066	ug/l	
1330-20-7	Xylenes (total)	ND	0.50	0.066	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2199-69-1	1,2-Dichlorobenzene-d4	95%		74-123%
460-00-4	4-Bromofluorobenzene	84%		71-123%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FB		
Lab Sample ID:	J73413-4	**Date Sampled:**	10/04/07
Matrix:	AQ - Field Blank Water	**Date Received:**	10/05/07
		Percent Solids:	n/a
Project:	Katonah, Katonah, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	< 5000	5000	ug/l	1	10/23/07	10/24/07	ND	SW846 6010B [1]	SW846 3010A [2]
Iron	< 100	100	ug/l	1	10/23/07	10/24/07	ND	SW846 6010B [1]	SW846 3010A [2]
Manganese	< 15	15	ug/l	1	10/23/07	10/24/07	ND	SW846 6010B [1]	SW846 3010A [2]
Sodium	< 10000	10000	ug/l	1	10/23/07	10/24/07	ND	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA19988
(2) Prep QC Batch: MP41265

RL = Reporting Limit

Report of Analysis

Client Sample ID:	FB		
Lab Sample ID:	J73413-4	**Date Sampled:**	10/04/07
Matrix:	AQ - Field Blank Water	**Date Received:**	10/05/07
		Percent Solids:	n/a
Project:	Katonah, Katonah, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chloride	< 2.0	2.0	mg/l	1	10/22/07 23:48	NR	EPA 300/SW846 9056
Specific Conductivity	3.7	0.50	umhos/cm	1	10/11/07	ST	SM19 2510B/SW 9050A
pH [a]	7.50		su	1	10/05/07 14:40		SM20 4500H B

(a) Sample received out of holding time for pH analysis.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	J73413-5	**Date Sampled:**	10/04/07
Matrix:	AQ - Trip Blank Water	**Date Received:**	10/05/07
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	Katonah, Katonah, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3B28450.D	1	10/17/07	MFH	n/a	n/a	V3B1261
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	5.0	1.3	ug/l	
78-93-3	2-Butanone	ND	5.0	1.2	ug/l	
71-43-2	Benzene	ND	0.50	0.069	ug/l	
108-86-1	Bromobenzene	ND	0.50	0.089	ug/l	
74-97-5	Bromochloromethane	ND	0.50	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	0.50	0.091	ug/l	
75-25-2	Bromoform	ND	0.50	0.18	ug/l	
74-83-9	Bromomethane	ND	0.50	0.38	ug/l	
104-51-8	n-Butylbenzene	ND	0.50	0.11	ug/l	
135-98-8	sec-Butylbenzene	ND	0.50	0.41	ug/l	
98-06-6	tert-Butylbenzene	ND	0.50	0.11	ug/l	
75-15-0	Carbon disulfide	ND	0.50	0.14	ug/l	
108-90-7	Chlorobenzene	ND	0.50	0.064	ug/l	
75-00-3	Chloroethane	ND	0.50	0.24	ug/l	
67-66-3	Chloroform	ND	0.50	0.068	ug/l	
74-87-3	Chloromethane	ND	0.50	0.13	ug/l	
95-49-8	o-Chlorotoluene	ND	0.50	0.088	ug/l	
106-43-4	p-Chlorotoluene	ND	0.50	0.089	ug/l	
56-23-5	Carbon tetrachloride	ND	0.50	0.21	ug/l	
75-34-3	1,1-Dichloroethane	ND	0.50	0.092	ug/l	
75-35-4	1,1-Dichloroethylene	ND	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	ND	0.50	0.23	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.0	0.42	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.50	0.065	ug/l	
107-06-2	1,2-Dichloroethane	ND	0.50	0.072	ug/l	
78-87-5	1,2-Dichloropropane	ND	0.50	0.22	ug/l	
142-28-9	1,3-Dichloropropane	ND	0.50	0.051	ug/l	
594-20-7	2,2-Dichloropropane	ND	0.50	0.25	ug/l	
124-48-1	Dibromochloromethane	ND	0.50	0.074	ug/l	
74-95-3	Dibromomethane	ND	0.50	0.18	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.38	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.084	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	J73413-5	**Date Sampled:**	10/04/07
Matrix:	AQ - Trip Blank Water	**Date Received:**	10/05/07
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	Katonah, Katonah, NY		

VOA List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	ND	0.50	0.065	ug/l	
95-50-1	o-Dichlorobenzene	ND	0.50	0.32	ug/l	
106-46-7	p-Dichlorobenzene	ND	0.50	0.054	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	0.50	0.11	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	0.50	0.081	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.055	ug/l	
100-41-4	Ethylbenzene	ND	0.50	0.15	ug/l	
87-68-3	Hexaehlorobutadiene	ND	2.0	0.19	ug/l	
110-54-3	Hexane	ND	0.50	0.36	ug/l	
591-78-6	2-Hexanone	ND	2.0	1.1	ug/l	
98-82-8	Isopropylbenzene	ND	0.50	0.40	ug/l	
99-87-6	p-Isopropyltoluene	ND	0.50	0.40	ug/l	
75-09-2	Methylene ehloride	ND	0.50	0.15	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	0.50	0.065	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	2.0	0.45	ug/l	
91-20-3	Naphthalene	ND	0.50	0.074	ug/l	
103-65-1	n-Propylhenzene	ND	0.50	0.073	ug/l	
100-42-5	Styrene	ND	0.50	0.15	ug/l	
630-20-6	1,1.1,2-Tetrachloroethane	ND	0.50	0.084	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.059	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.083	ug/l	
79-00-5	1,1,2-Triehloroethane	ND	0.50	0.24	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	0.50	0.092	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	0.50	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	0.50	0.064	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	0.50	0.13	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	0.50	0.071	ug/l	
127-18-4	Tetrachloroethylene	ND	0.50	0.17	ug/l	
108-88-3	Toluene	ND	0.50	0.041	ug/l	
79-01-6	Trichloroethylene	ND	0.50	0.29	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	0.18	ug/l	
75-01-4	Vinyl chloride	ND	0.50	0.24	ug/l	
	m,p-Xylene	ND	1.0	0.21	ug/l	
95-47-6	o-Xylene	ND	0.50	0.066	ug/l	
1330-20-7	Xylenes (total)	ND	0.50	0.066	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2199-69-1	1,2-Dichlorobenzene-d4	95%		74-123%
460-00-4	4-Bromofluorobenzene	87%		71-123%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

ACCUTEST Laboratories

6M, FB, TB

2235 Route 130, Dayton NJ 08810
TEL. 732-329-0100 FAX: 732-329-3499/3480
www.accutest.com

FED-EX Tracking #:
Accutest Quote #:
Bottle Order Control #: SM-10/1/2007-3
Accutest Job #: J73413

Client / Reporting Information

Company Name: Environmental Planning & mgmt
Address: 1983 Marcus Ave. Suite 109
City: L. Success State: NY Zip: 11042
Project Contact: Eric Luchs E-mail:
Phone #: 516-328-1194
Sampler(s) Name: Darren Frank

Project Information

Project Name: Katonah
Street:
City: State:
Project #:
Fax #:
Client Purchase Order #:

Requested Analysis

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL - Sludge; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe

Accutest Sample #	Field ID / Point of Collection	SUMMA # / MECH Vial #	Collection Date	Time	Sampled By	Matrix	# of bottles	Number of preserved Bottles: HCl	MeOH	H2SO4	NaOH	Na2S2O3	NH4Cl	ZnAc	VOCs 524.2	Metals	2ON, PH, CHL			LAB USE ONLY
-1	W4		10/4/07	12:10	DF	GW	5	3		1		1			X	X	X	pH<	6.55	WC54
-2	W11		10/4/07	12:30	DF	GW	5	3		1		1			X	X	X		7.22	APET12
-3	DEP		10/4/07	13:45	DF	GW	3			1		2				X	X		7.57	2281
-4	FB		10/4/07	12:40	DF	WW	4	2		1		1			X	X	X		7.50	
-5	Trip Blank *		Lab			WW		2							X				10/5/07 pm	

Turnaround Time (Business Days)

- [X] Std. 15 Business Days — Approved By / Date:
- [ ] 10 Day RUSH
- [ ] 5 Day RUSH
- [ ] 3 Day EMERGENCY
- [ ] 2 Day EMERGENCY
- [ ] 1 Day EMERGENCY
- [ ] Other

Emergency & Rush T/A data available VIA LabLink

Data Deliverable Information

- [ ] Commercial "A"
- [ ] Commercial "B"
- [ ] NJ Reduced
- [ ] NJ Full
- [ ] Other
- [ ] ~~NYASP Category A~~
- [X] NYASP Category B
- [ ] State Forms
- [ ] EDD Format

Commercial "A" = Results Only

Comments / Remarks

* tb Filled 10/2/07 @ 6:30 10/5/07 pm
* on WB & T. Esposito - Login for NYASP B.
RB 10-8-07

Sample Custody must be documented below each time samples change possession, including courier delivery

Relinquished by Sampler	Date Time	Received by	Relinquished by	Date Time	Received by
1 Darren Frank	10/5/07 16:30	1 FED-EX	2 Fedex	10/5/07	2
3	Date Time	3	4	Date Time	4
5	Date Time	5	Custody Seal # 410 intact	Preserved where applicable: B pm	On Ice: Y	Cooler Temp: 2.4° c

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