ENVIRONMENTAL
PLANNING &
MANAGEMENT, INC.

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

October 2, 2007

Dear Mr. Hahn:

Enclosed please find the quarterly monitoring report for the end of the 2nd quarter of 2007 for the Katonah Municipal Well, Town of Bedford, Westchester County, New York (NYSDEC Site ID # 3-60-007).

Please call me with any questions.

Sincerely,

Eric Luchs

Eric Luchs
Environmental Scientist

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

OCT 18 2007

Environmental Planning & Management, Inc.
P E M

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

LETTER OF TRANSMITTAL

Date: 10/17/07	Job No. 27001
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

☐ Copy of Letter ■ Report ☐ _____

COPIES	DATE	NO.	
1	10/17/07		*Katonah Quarterly Water Monitoring Report*

THESE ARE TRANSMITTED AS INDICATED BELOW:

☐ For Approval ☐ Approved as submitted ☐ Resubmit _____ Copies for Approval

■ For your use ☐ Approved as noted ☐ Submit _____ Copies for distribution

■ As requested ☐ Returned for corrections ☐ Return _____ Corrected Prints

☐ For review & comment

REMARKS

If there are any questions, please call me.

COPY TO *File*

SIGNED Eric Luchs
Eric Luchs

OCT 18 2007

GROUNDWATER QUALITY MONITORING
QUARTERLY REPORT
JUNE 2007
KATONAH MUNICIPAL WELL
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

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APPENDICES

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 2nd quarter of 2007. Sampling of the remedial system was conducted on June 28, 2007.

2.0 SAMPLE COLLECTION

Environmental Planning & Management, Inc., collected samples on June 28, 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 June 28, 2007 of the RW sampling tap. No samples were collected from two monitoring wells, W4 and W11. Sample locations are shown on Figure 1 - Sampling Tap Location Schematic. Sampling was conducted in accordance with the approved Project Operation Plan.

Samples were labeled at the field location and placed into transport coolers containing ice. A trip blank and chain-of-custody documentation accompanied the samples to the laboratory for analysis. The samples were analyzed by Accutest , 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 25.9 ug/l (ppb), exceeding the NYSDOH drinking water standard for that compound.

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

Four VOC's, dibromochloromethane, bromodichloromethane, bromoform and chloroform were found in the distribution water sample, DIST, at concentrations of 3.4 ppb, 2.1 ppb, 4.2 ppb and 0.63 respectively. These values are well below the NYSDOH drinking water standards.

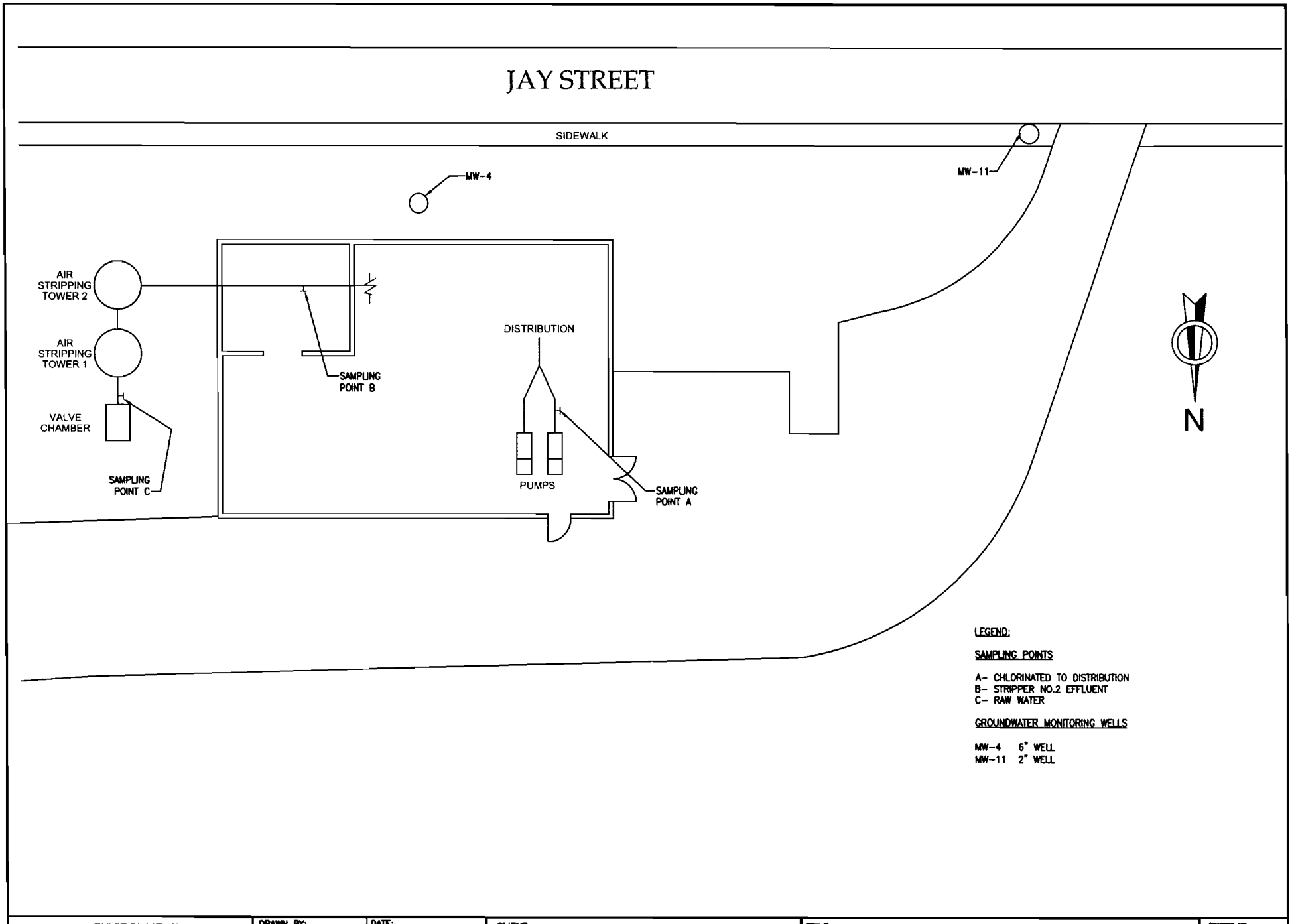
No VOC's, were detected in the field blank water sample, FB.

Analytical results found in DUP, a duplicate of the Raw Water sample (RW), and RW sample are similar.

Monitoring wells 4 and 11 (W4 and W11) were not analyzed for VOC's.

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.



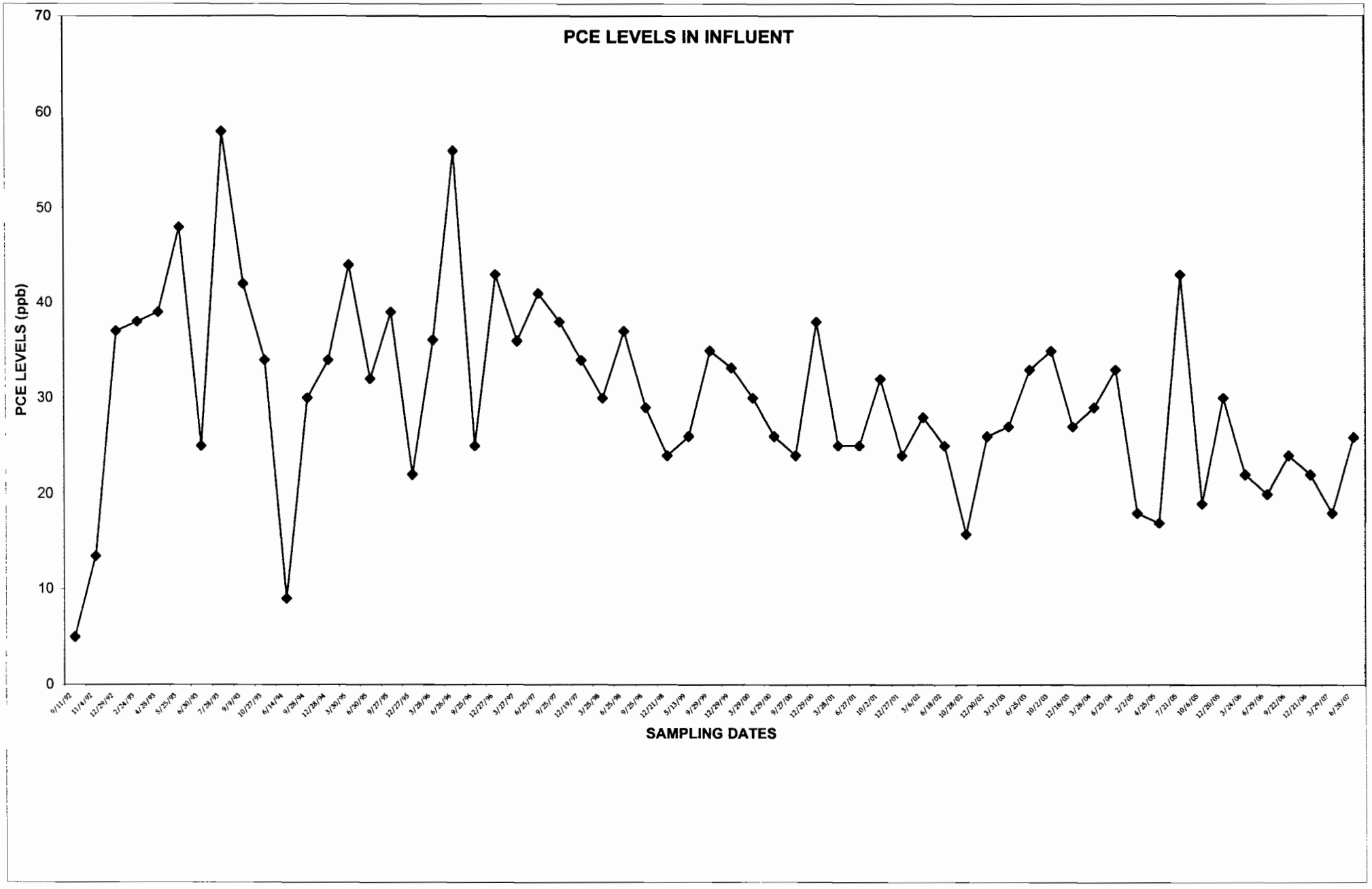
PEM ENVIRONMENTAL PLANNING & MANAGEMENT, INC.
1983 MARCUS AVENUE
SUITE 109
LAKE SUCCESS, NEW YORK 11042

DRAWN BY: AMR	DATE:	CLIENT: KATONAH MUNICIPAL WATER SYSTEM	TITLE: SIMPLIFIED SAMPLING LOCATION SCHEMATIC
CHECKED BY: FP	FILENAME: KATONAH		PROJECT LOCATION: KATONAH MUNICIPAL WATER SYSTEM KATONAH, NEW YORK
APPR'VD BY: ASG	SCALE: NOT TO SCALE		DRAWING NO: FIG. 1
PATH: C:\AMR\BEDFORD\KATONAH\22001DWGS			SHEET 1 OF 1

Table 1 - SUMMARY OF QUARTERLY VOC RESULTS KATONAH MUNICIPAL WELL								
Date Collected	**6/28/2007**							
Sample Location	**Raw Water (Influent)**	**RW DUP**	**STEFF (Treated Water)**	**DIST (Distribution Water)**	**W4 (Well 4)**	**W11 (Well 11)**	**FB (Field Blank)**	**NYSDOH\ USEPA Standard**
Volatile Organic Compounds (ppb)								
Tetrachloroethene	**25.9**	**26.7**	ND	ND	NR	NR	NR	5/1*
Trichloroethene	0.72	0.77	ND	ND	NR	NR	NR	5
cis-1,2-Dichloroethene	0.61	0.65	ND	ND	NR	NR	NR	5
Methylene Chloride	ND	ND	ND	ND	NR	NR	NR	5
Bromoform	ND	ND	ND	4.2	NR	NR	NR	50
Chloroform	ND	ND	ND	0.63	NR	NR	NR	7
Dibromochloromethane	ND	ND	ND	3.4	NR	NR	NR	50
Bromodichloromethane	ND	ND	ND	2.1	NR	NR	NR	50

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

Figure 2


PCE LEVELS IN INFLUENT
PCE LEVELS (ppb)
70
60
50
40
30
20
10
0
9/11/92
11/4/92
12/29/92
2/24/93
4/28/93
5/25/93
6/30/93
7/28/93
9/9/93
10/27/93
6/14/94
9/28/94
12/28/94
3/30/95
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3/6/02
6/18/02
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12/30/02
3/31/03
6/25/03
10/2/03
12/16/03
3/26/04
6/23/04
2/2/05
4/25/05
7/21/05
10/6/05
12/30/05
3/24/06
6/29/06
9/22/06
12/21/06
3/29/07
6/28/07
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 September 2007.

APPENDIX A

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

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

Data Validation Performed by:

Andrea Schuessler
Environmental Chemist

DATA VALIDATION REPORT #5

VOLATILE ORGANIC AND INORGANIC ANALYSES

WATER SAMPLES

Katonah Water Sampling 2nd Quarter 2007 Project

Lab Job No. J65091

Sampling Date of June 28, 2007

PREPARED FOR:

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

October 2007

PREPARED BY:

ChemWorld Environmental, Inc.
14 Orchard Way North
Rockville, Maryland 20854

(301) 294 – 6144 Phone and Fax
Email: chemworld@comcast.net

Katonah Water Sampling 2nd Quarter 2007 Project
Data Validation Report #5: Volatile Organic and Inorganic Analyses

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Appendices

DATA VALIDATION SUMMARY #5:
VOLATILE ORGANIC AND INORGANIC ANALYSES
WATER SAMPLES

Katonah Water Sampling 2nd Quarter 2007 Project

Lab Job No. J65091

Sampling Date of June 28, 2007

INTRODUCTION

This Data Validation Summary Report for organic and inorganic analyses was generated for 6 water samples, 1 Field Blank, 1 Trip Blank and the associated quality control samples for Lab Job No. J65091. Sampling activities were conducted in support of the field investigation for the Katonah Water Sampling 2nd Quarter 2007 Project. The analytical laboratory work was performed by Accutest Laboratories, Dayton, NJ.

Analytical testing was performed for Volatile organic compounds using United States Environmental Protection Agency (USEPA) Method 524.2 by Gas Chromatography / Mass Spectrometry (GC/MS) and Calcium, Iron, Manganese and Sodium by USEPA Method 6010B using Inductively Coupled Plasma (ICP). This report provides a summary of data acceptability and deviations in accordance with the **USEPA Region II Standard Operating Procedure for the Validation of Organic Data Acquired Using Method 524.2 (October 2001); USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review, July 2002;** and the appropriate method from the **New York State Department of Environmental Conservation (NYSDEC) Analytical Service Protocols (ASP)**, where applicable and relevant.

1.0 VOLATILE ORGANICS BY GC/MS

The following items/criteria were reviewed, as method appropriate:

- Completeness of Data Package
- Chain-of-Custody Forms
- Holding Times from Verified Time of Sample Receipt (VTSR)
- Surrogate Recovery
- Matrix Spike / Matrix Spike Duplicates (MS/MSD)
- Laboratory Control Sample (LCS)
- Calibration (Initial and Continuing)
- Blanks (Method and Field)
- GC/MS Instrument Performance Check
- Internal Standards
- Field Duplicates (Table 1)
- Compound Identification and Quantitation

All items above were generated within acceptable Quality Control (QC) specifications with deviations detailed as follows. All data reviewed is considered to be valid and usable with the appropriate qualifiers, as noted on the data summary forms in Appendix A and within the following text.

1.1 Holding Times

All of the samples were analyzed beyond the acceptable NYSDEC holding time of 10 days from Verified Time of Sample Receipt (VTSR) for the preserved water samples. The samples were analyzed 1 -2 days

beyond the holding time and were qualified as 'J', estimated, for the positive results and 'UJ', estimated, for the non-detectable results. These samples include: DIST, STEFF, RW, DUP and Trip Blank. However, it should be noted that the samples were analyzed within the USEPA Holding time of 14 days from collection for preserved water samples.

1.2 Surrogate Recovery

All surrogate recovery was found to be generated within the acceptable limits for 4-Bromofluorobenzene and 1,2-Dichlorobenzene-d4.

1.3 MS/MSD and LCS

One site-specific MS/MSD sample set using project sample RW was analyzed for Lab Job No. J65091. Acceptable accuracy (percent recovery) and precision (relative percent difference (RPD)) were generated for these QC samples.

However, it should be noted that two LCS's were also analyzed for the samples. Various Volatile compounds for the LCS's generated high recovery for both of the LCS's. The project samples were not qualified in relation to the high LCS recoveries.

1.4 Calibration

All initial and continuing calibrations were performed within acceptable limits for the GC/MS analyses, with the exceptions as noted below. Review items included average Relative Response Factors (avgRRF), limit of ≥ 0.05; Percent Relative Standard Deviation (% RSD), limit of 20%; Relative Response Factors (RRF), limit of ≥ 0.05; and Percent Difference (% D), limit of 30%.

Initial Calibration, 06/29/2007:

Two Volatile compounds generated avgRRF's at or above 0.01 but below 0.05. The compounds included: Acetone and 2-Butanone. The project samples were qualified as 'UJ', estimated, for the non-detectable results for the compounds noted. Positive results were not detected for these compounds.

Continuing Calibrations, 06/29/2007 at 01:38, 07/10/2007 at 09:44 and 07/11/07 at 11:49:

The same compounds noted above generated RRF's at > 0.01 but < 0.05 for the associated continuing calibrations. Additional qualification of the data set was not required for these compounds. However, in addition to the compounds noted above, various other Volatile compounds generated %D's of greater than 30%. However, the associated sample results for these compounds were previously qualified as 'UJ', estimated, for the non-detectable results, through section *1.1 Holding Times*, above. Additional qualification of the data set was not required.

1.5 Blanks

1.5.1 Field Blanks

One Trip Blank was collected on 06/28/07 and analyzed for Volatiles by Method 524.2. Positive results were not detected in the Trip Blank.

1.5.2 Method Blanks

Two method blanks were analyzed by Method 524.2 for Volatile organics for the water samples. Positive results were not detected in either of the Method Blanks.

1.6 GC/MS Instrument Performance Check

Instrument performance was generated within acceptable limits and frequency for Bromofluorobenzene (BFB).

1.7 Internal Standards

The internal standards generated acceptable area counts and retention time variation for all of the project samples.

1.8 Field Duplicates

Samples RW and DUP were collected as the field duplicate water samples and analyzed for Volatiles. Acceptable precision (Relative Percent Difference) was generated for all of the Volatiles for the duplicate pair. A limit of 20% was used to evaluate RPD. The calculated RPD for the duplicate pair ranged from 3.0% to 6.7%. Table 1 attached includes the calculated RPD's for the duplicates.

1.9 Compound Identification

GC/MS qualitative analyses are considered to be acceptable for the data set. Retention times and mass spectra were generated within appropriate quality control specifications.

1.10 Compound Quantitation and Reported Detection Limits

GC/MS quantitative analyses are considered to be acceptable. Sample dilutions, internal standards, and response factors were found to be within acceptable limits.

2.0 INORGANIC ANALYSES BY ICP (Calcium, Iron, Manganese and Sodium, only)

The following items/criteria were reviewed:

* Completeness of Data Package
* Chain-of-Custody Forms
* Holding Times
* Initial and Continuing Calibration
* CRDL Standards for ICP
* Blanks (Initial, Continuing Calibration, and Preparation)
* Field Blanks
* ICP Interference Check Sample
* Matrix Spike Sample Recovery
* Laboratory Duplicates
* Laboratory Control Sample (LCS)
* ICP Serial Dilution
* Field Duplicates (None Collected)
* Sample Result Verification

All items above were generated within acceptable QC specifications, with deviations detailed as follows. All data reviewed is considered to be valid and usable with the appropriate qualifiers, as noted on the data summary forms in Appendix B and within the following text.

2.1 Holding Times

All holding times were met within the acceptable time frame from VTSR for inorganics (180 days).

2.2 Calibration

The initial and continuing calibrations were performed within the acceptable limit of 90-110% for recovery (%R).

2.3 Contract Required Detection Limit (CRDL) Standards for ICP

The CRDL standards were found to generate acceptable recovery within the 80-120% range. Qualification of the data was not required.

2.4 Blanks

2.4.1 Laboratory (Method) Blanks

All initial calibration blanks, continuing calibration blanks, and the preparation blank were generated in accordance with acceptable limits.

2.4.2 Field Blanks

One Field Blank (FB) was collected on 6/28/2007 and analyzed for inorganics. Positive results were not detected.

2.5 ICP Interference Check

The recoveries for the ICP Interference Check sample were found to be within the acceptable 80-120% limit.

2.6 Matrix Spike (MS) Sample Recovery

A batch sample was used to evaluate the MS sample recovery. The project samples did not require qualification.

2.7 Laboratory Duplicates

A batch sample was used to evaluate the lab duplicate sample precision. The project samples did not require qualification.

2.8 Laboratory Control Sample (LCS)

The aqueous laboratory control sample was generated within the acceptable 80-120% limit for recovery.

2.9 ICP Serial Dilution

A batch sample was used to evaluate %D for ICP Serial Dilution. The project samples did not require qualification.

2.10 Sample Result Verification

Quantitative analyses are considered to be acceptable for the samples validated. Analyte quantitation was generated in accordance with protocols.

Table 1

Field Duplicate Precision Table

Katonah Water Sampling 2nd Quarter 2007 Project

(All results in ug/L)

Compound	RW	DUP	RPD*
cis-1,2-Dichloroethene	0.61	0.65	6.35
Trichloroethene	0.72	0.77	6.71
Tetrachloroethene	25.9	26.7	3.04

*RPD = Relative Percent Difference
ND = Not Detected
NC = Not Calculated

ATTACHMENT A

Raw Data: 3B25292.D 3B25322.D

Accutest Laboratories

Report of Analysis

Client Sample ID:	DIST		
Lab Sample ID:	J65091-1	Date Sampled:	06/28/07
Matrix:	AQ - Ground Water	Date Received:	06/29/07
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	3B25292.D	1	07/11/07	MMC	n/a	n/a	V3B1099
Run #2	3B25322.D	1	07/12/07	MMC	n/a	n/a	V3B1100

	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	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	2.1 [a] J	0.50	0.091	ug/l	
75-25-2	Bromoform	4.2 [a] 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	0.50	0.064	ug/l	
75-00-3	Chloroethane	ND	0.50	0.24	ug/l	
67-66-3	Chloroform	0.63 [a] J	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	3.4 [a] 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
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:	DIST		
Lab Sample ID:	J65091-1	Date Sampled:	06/28/07
Matrix:	AQ - Ground Water	Date Received:	06/29/07
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	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	96%	100%	74-123%
460-00-4	4-Bromofluorobenzene	84%	92%	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:	DIST		
Lab Sample ID:	J65091-1	Date Sampled:	06/28/07
Matrix:	AQ - Ground Water	Date Received:	06/29/07
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

Accutest Laboratories

Report of Analysis

Client Sample ID:	STEFF		
Lab Sample ID:	J65091-2	Date Sampled:	06/28/07
Matrix:	AQ - Effluent	Date Received:	06/29/07
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	3B25294.D	1	07/11/07	MMC	n/a	n/a	V3B1099
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	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

Accutest Laboratories

Report of Analysis

Client Sample ID:	STEFF		
Lab Sample ID:	J65091-2	Date Sampled:	06/28/07
Matrix:	AQ - Effluent	Date Received:	06/29/07
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	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	96%		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

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW		
Lab Sample ID:	J65091-3	Date Sampled:	06/28/07
Matrix:	AQ - Ground Water	Date Received:	06/29/07
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	3B25254.D	1	07/10/07	MMC	n/a	n/a	V3B1097
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	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:	J65091-3	Date Sampled:	06/28/07
Matrix:	AQ - Ground Water	Date Received:	06/29/07
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	0.61 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	25.9 J	0.50	0.17	ug/l	
108-88-3	Toluene	ND UJ	0.50	0.041	ug/l	
79-01-6	Trichloroethylene	0.72 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	98%		74-123%
460-00-4	4-Bromofluorobenzene	88%		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: 3B25295.D

Accutest Laboratories

Report of Analysis

Client Sample ID:	DUP		
Lab Sample ID:	J65091-4	Date Sampled:	06/28/07
Matrix:	AQ - Ground Water	Date Received:	06/29/07
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	3B25295.D	1	07/11/07	MMC	n/a	n/a	V3B1099
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	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:	J65091-4	Date Sampled:	06/28/07
Matrix:	AQ - Ground Water	Date Received:	06/29/07
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	0.65 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	26.7 J	0.50	0.17	ug/l	
108-88-3	Toluene	ND UJ	0.50	0.041	ug/l	
79-01-6	Trichloroethylene	0.77 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	100%		74-123%
460-00-4	4-Bromofluorobenzene	94%		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: 3B25296.D

Accutest Laboratories

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	J65091-8	Date Sampled:	06/28/07
Matrix:	AQ - Trip Blank Water	Date Received:	06/29/07
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	3B25296.D	1	07/11/07	MMC	n/a	n/a	V3B1099
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	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:	J65091-8	Date Sampled:	06/28/07
Matrix:	AQ - Trip Blank Water	Date Received:	06/29/07
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	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	99%		74-123%
460-00-4	4-Bromofluorobenzene	101%		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

ATTACHMENT B

Accutest Laboratories

Report of Analysis

Client Sample ID:	W-4		
Lab Sample ID:	J65091-5	Date Sampled:	06/28/07
Matrix:	AQ - Ground Water	Date Received:	06/29/07
		Percent Solids:	n/a
Project:	Katonah, Katonah, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	162000	5000	ug/l	1	07/17/07	07/18/07	WP	SW846 6010B [1]	SW846 3010A [3]
Iron	3000	100	ug/l	1	07/19/07	07/20/07	ND	SW846 6010B [2]	SW846 3010A [3]
Manganese	2510	15	ug/l	1	07/17/07	07/18/07	WP	SW846 6010B [1]	SW846 3010A [3]
Sodium	105000	10000	ug/l	1	07/17/07	07/18/07	WP	SW846 6010B [1]	SW846 3010A [3]

(1) Instrument QC Batch: MA19487
(2) Instrument QC Batch: MA19501
(3) Prep QC Batch: MP39882

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	W-11		
Lab Sample ID:	J65091-6	Date Sampled:	06/28/07
Matrix:	AQ - Ground Water	Date Received:	06/29/07
		Percent Solids:	n/a
Project:	Katonah, Katonah, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	100000	5000	ug/l	1	07/17/07	07/18/07	WP	SW846 6010B [1]	SW846 3010A [2]
Iron	6010	100	ug/l	1	07/17/07	07/18/07	WP	SW846 6010B [1]	SW846 3010A [2]
Manganese	160	15	ug/l	1	07/17/07	07/18/07	WP	SW846 6010B [1]	SW846 3010A [2]
Sodium	97200	10000	ug/l	1	07/17/07	07/18/07	WP	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA19487
(2) Prep QC Batch: MP39882

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	FB		
Lab Sample ID:	J65091-7	Date Sampled:	06/28/07
Matrix:	AQ - Field Blank Water	Date Received:	06/29/07
		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	07/17/07	07/18/07	WP	SW846 6010B [1]	SW846 3010A [2]
Iron	< 100	100	ug/l	1	07/17/07	07/18/07	WP	SW846 6010B [1]	SW846 3010A [2]
Manganese	< 15	15	ug/l	1	07/17/07	07/18/07	WP	SW846 6010B [1]	SW846 3010A [2]
Sodium	< 10000	10000	ug/l	1	07/17/07	07/18/07	WP	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA19487
(2) Prep QC Batch: MP39882

RL = Reporting Limit

ATTACHMENT C

ORGANIC DATA QUALIFIERS

U - Indicates that the compound was analyzed for, but not detected at or above the Contract Required Quantitation Limit (CRQL), or the compound is not detected due to qualification through the method or field blank.

J - The associated numerical value is an estimated quantity.

JN - Tentatively identified with approximated concentrations (Volatile and Semi-Volatile Organics). Presumptively present at an approximated quantity (Pesticides/PCBs).

UJ - The compound was analyzed for, but not detected. The sample quantitation limit is an estimated quantity due to variance from quality control limits.

C - Applies to Pesticide results where the identification has been confirmed by GC/MS.

E - Reported value is estimated due to quantitation above the calibration range.

D - Reported result taken from diluted sample analysis.

A - Aldol condensation product.

R - Reported value is unusable and rejected due to variance from quality control limits.

NA - Not Analyzed.

INORGANIC DATA QUALIFIERS

U - Indicates analyte not detected at or above the Contract Required Detection Limit (CRDL), or the compound is not detected due to qualification through the method or field blank.

B - Indicates analyte result is between Instrument Detection Limit (IDL) and CRDL.

J - The reported value is estimated due to variance from quality control limits.

UJ - The element was analyzed for, but not detected. The sample quantitation limit is an estimate due to variance from quality control limits.

E - Reported value is estimated because of the presence of interference.

R - Reported value is unusable and rejected due to variance from quality control limits.

NA - Not analyzed.

ATTACHMENT D

Accutest Laboratories

Sample Summary

Environmental Planning and Management

Job No: J65091

Katonah, Katonah, NY
Project No: 27001

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
J65091-1	06/28/07	11:40	DF	06/29/07	AQ	Ground Water	DIST
J65091-2	06/28/07	12:00	DF	06/29/07	AQ	Effluent	STEFF
J65091-3	06/28/07	12:15	DF	06/29/07	AQ	Ground Water	RW
J65091-3D	06/28/07	12:15	DF	06/29/07	AQ	Water Dup/MSD	RW MSD
J65091-3S	06/28/07	12:15	DF	06/29/07	AQ	Water Matrix Spike	RW MS
J65091-4	06/28/07	00:00	DF	06/29/07	AQ	Ground Water	DUP
J65091-5	06/28/07	13:20	DF	06/29/07	AQ	Ground Water	W-4
J65091-6	06/28/07	12:45	DF	06/29/07	AQ	Ground Water	W-11
J65091-7	06/28/07	13:00	DF	06/29/07	AQ	Field Blank Water	FB
J65091-8	06/28/07	13:20	DF	06/29/07	AQ	Trip Blank Water	TRIP BLANK

ACCUTEST Laboratories

CASE NARRATIVE / CONFORMANCE SUMMARY

Client:	Environmental Planning and Management	**Job No**	J65091
Site:	Katonah, Katonah, NY	**Report Date**	7/24/2007 12:27:29 PM

On on 06/29/2007, 6 Sample(s), 1 Trip Blank(s) and 1 Field Blank(s) were received at Accutest Laboratories at a temperature of 4.8 C. Samples were intact and properly preserved, unless noted below. An Accutest Job Number of J65091 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:** V3B1097

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) J65091-3MS, J65091-3MSD were used as the QC samples indicated.
- Blank Spike Recovery(s) for 1,1,1,2-Tetrachloroethane, 1,1,1-Trichloroethane, 1,2,3-Trichloropropane, 1,2-Dichloroethane, 2,2-Dichloropropane, Bromodichloromethane, Bromoform, Carbon tetrachloride, Chloroform, Dibromochloromethane, Dichlorodifluoromethane, Hexachlorobutadiene, Trichlorofluoromethane are outside control limits. High percent recoveries and no associated positive found in the QC batch.
- Matrix Spike / Matrix Spike Duplicate Recovery(s) for Tetrachloroethylene are outside control limits. Outside control limits due to high level in sample relative to spike amount.
- RPD(s) for MSD for Methylene chloride, Tetrachloroethylene are outside control limits for sample J65091-3MSD. Outside control limits due to matrix interference.

Matrix AQ **Batch ID:** V3B1099

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) J65091-1MS, J65809-1DUP, J65091-1MS were used as the QC samples indicated.
- Blank Spike Recovery(s) for 1,1,1,2-Tetrachloroethane, 1,1,1-Trichloroethane, 1,2,3-Trichloropropane, 1,2-Dichloroethane, 2,2-Dichloropropane, Bromodichloromethane, Bromoform, Carbon tetrachloride, Chloroform, Dibromochloromethane, Dichlorodifluoromethane, Trichlorofluoromethane are outside control limits. High percent recoveries and no associated positive found in the QC batch.
- Matrix Spike Recovery(s) for 1,3,5-Trimethylbenzene, Styrene are outside control limits. Outside control limits due to matrix interference.

Matrix AQ **Batch ID:** V3B1100

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) J65148-2MS, J65706-7DUP were used as the QC samples indicated.

Metals By Method SW846 6010B

Matrix AQ	Batch ID: MP39882

- 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) J64925-1MS, J64925-1MSD, J64925-1SDL were used as the QC samples for metals.
- RPD(s) for Serial Dilution for Iron are outside control limits for sample MP39882-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
- MP39882-SD1 for Sodium: Serial dilution indicates possible matrix interference.

Wet Chemistry By Method EPA 150.1

Matrix AQ	Batch ID: R65126

- The data for EPA 150.1 meets quality control requirements.
- J65091-5 for pH: Sample received out of holding time for pH analysis.

Matrix AQ	Batch ID: R65127

- The data for EPA 150.1 meets quality control requirements.
- J65091-6 for pH: Sample received out of holding time for pH analysis.

Matrix AQ	Batch ID: R65128

- The data for EPA 150.1 meets quality control requirements.
- J65091-7 for pH: Sample received out of holding time for pH analysis.

Wet Chemistry By Method EPA 300/SW846 9056

Matrix AQ	Batch ID: GP39850

- 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) J65215-3DUP, J65215-3MS were used as the QC samples for Chloride.

Wet Chemistry By Method SM19 2510B/SW 9050A

Matrix AQ	Batch ID: GN5167

- Sample(s) J65497-1DUP were used as the QC samples for Specific Conductivity.

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 E

ACCUTEST Laboratories

WW, FB, TB

CHAIN OF CUSTODY

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

FED-EX Tracking #	Bottle Order Control # TE-6/26/2007-15
Accutest Quote #	Accutest Job # J65091

Client / Reporting Information

Company Name: Environmental Planning & Mgmt
Address: 1983 Marcus Ave
City: L. Success State: NY Zip: 11479
Project Contact: Darren Frank E-mail:
Phone #: 516-328-1194
Sampler's Name: Darren Frank

Project Information

Project Name: Katonah
Street:
City: Katonah State: NY
Project #: 27001
Fax #:
Client Purchase Order #:

Requested Analysis: VOC-524.2 Rev 3; CHL-PH-SConductivity; Metals Grp 3; NA, CA, FE, MN; (AH)

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 # / MEOH Vial #	Date	Time	Sampled By	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	NaHSO4	MEOH	ENCORE	VOC-524.2 Rev 3	CHL-PH-SConductivity	Metals Grp 3	NA,CA,FE,MN	(AH)	LAB USE ONLY
-1	DIST		6/28	11:40	DF	GW	3	3								X					AMETZ,
-2	STEFF			12:00			3	3								X					WC36,
-3	RW			12:15			3	3								X					2010
-4-3	RWMSMSD			12:15			3	3								X					
-5-4	DUP						3	3								X					
-6-5	W-4			13:20			2			1		1					X	X		6.48	
-7-6	W-11			12:45			2			1		1					X	X		7.33	
-8-7	FB			13:00		WN	2										X	X		5.88	
-9-8	Trip Blank	*					2									X				[illegible]	

Turnaround Time (Business Days)

- [x] Std. 15 Business Days
- [ ] 10 Day RUSH
- [ ] 5 Day RUSH
- [ ] 3 Day EMERGENCY
- [ ] 2 Day EMERGENCY
- [ ] 1 Day EMERGENCY
- [ ] Other

Approved By: / Date:

Emergency & Rush T/A data available VIA LabLink

Data Deliverable Information

- [x] 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

* 6/26/07 0630 6/25/pm

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	6/28/07 1530	1 FedX	2 FedX	6/29/07 1110	2 [signature]
Relinquished by: 3	Date Time:	Received by: 3	Relinquished by: 4	Date Time:	Received by: 4
Relinquished by: 5	Date Time:	Received by: 5	Custody Seal # 792 intact	Preserved where applicable ☑	On Ice ☑ Cooler Temp. 4.8°C

CE

4

J65091: Chain of Custody
Page 1 of 1

APPENDIX B
LABORATORY ANALYSIS SUMMARY REPORT

e-Hardcopy 2.0
Automated Report

New Jersey ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

08/13/07

Technical Report for

Environmental Planning and Management

Katonah, Katonah, NY

27001

Accutest Job Number: J65091

Sampling Date: 06/28/07

Report to:

EPM

rhart@epmco.com

ATTN: Richard Hart

Total number of pages in report: 182

ACCUTEST LABORATORIES 50 YEARS 1956-2006

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

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 5 6 7

Table of Contents

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Sample Summary

Environmental Planning and Management

Job No: J65091

Katonah, Katonah, NY
Project No: 27001

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
J65091-1	06/28/07	11:40	DF	06/29/07	AQ	Ground Water	DIST
J65091-2	06/28/07	12:00	DF	06/29/07	AQ	Effluent	STEFF
J65091-3	06/28/07	12:15	DF	06/29/07	AQ	Ground Water	RW
J65091-3D	06/28/07	12:15	DF	06/29/07	AQ	Water Dup/MSD	RW MSD
J65091-3S	06/28/07	12:15	DF	06/29/07	AQ	Water Matrix Spike	RW MS
J65091-4	06/28/07	00:00	DF	06/29/07	AQ	Ground Water	DUP
J65091-5	06/28/07	13:20	DF	06/29/07	AQ	Ground Water	W-4
J65091-6	06/28/07	12:45	DF	06/29/07	AQ	Ground Water	W-11
J65091-7	06/28/07	13:00	DF	06/29/07	AQ	Field Blank Water	FB
J65091-8	06/28/07	13:20	DF	06/29/07	AQ	Trip Blank Water	TRIP BLANK

CASE NARRATIVE / CONFORMANCE SUMMARY

Client:	Environmental Planning and Management	**Job No**	J65091
Site:	Katonah, Katonah, NY	**Report Date**	7/24/2007 12:27:29 PM

On on 06/29/2007, 6 Sample(s), 1 Trip Blank(s) and 1 Field Blank(s) were received at Accutest Laboratories at a temperature of 4.8 C. Samples were intact and properly preserved, unless noted below. An Accutest Job Number of J65091 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:** V3B1097

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) J65091-3MS, J65091-3MSD were used as the QC samples indicated.
- Blank Spike Recovery(s) for 1,1,1,2-Tetrachloroethane, 1,1,1-Trichloroethane, 1,2,3-Trichloropropane, 1,2-Dichloroethane, 2,2-Dichloropropane, Bromodichloromethane, Bromoform, Carbon tetrachloride, Chloroform, Dibromochloromethane, Dichlorodifluoromethane, Hexachlorobutadiene, Trichlorofluoromethane are outside control limits. High percent recoveries and no associated positive found in the QC batch.
- Matrix Spike / Matrix Spike Duplicate Recovery(s) for Tetrachloroethylene are outside control limits. Outside control limits due to high level in sample relative to spike amount.
- RPD(s) for MSD for Methylene chloride, Tetrachloroethylene are outside control limits for sample J65091-3MSD. Outside control limits due to matrix interference.

Matrix AQ **Batch ID:** V3B1099

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) J65091-1MS, J65809-1DUP, J65091-1MS were used as the QC samples indicated.
- Blank Spike Recovery(s) for 1,1,1,2-Tetrachloroethane, 1,1,1-Trichloroethane, 1,2,3-Trichloropropane, 1,2-Dichloroethane, 2,2-Dichloropropane, Bromodichloromethane, Bromoform, Carbon tetrachloride, Chloroform, Dibromochloromethane, Dichlorodifluoromethane, Trichlorofluoromethane are outside control limits. High percent recoveries and no associated positive found in the QC batch.
- Matrix Spike Recovery(s) for 1,3,5-Trimethylbenzene, Styrene are outside control limits. Outside control limits due to matrix interference.

Matrix AQ **Batch ID:** V3B1100

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) J65148-2MS, J65706-7DUP were used as the QC samples indicated.

Metals By Method SW846 6010B

Matrix AQ	Batch ID: MP39882

- 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) J64925-1MS, J64925-1MSD, J64925-1SDL were used as the QC samples for metals.
- RPD(s) for Serial Dilution for Iron are outside control limits for sample MP39882-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
- MP39882-SD1 for Sodium: Serial dilution indicates possible matrix interference.

Wet Chemistry By Method EPA 150.1

Matrix AQ	Batch ID: R65126

- The data for EPA 150.1 meets quality control requirements.
- J65091-5 for pH: Sample received out of holding time for pH analysis.

Matrix AQ	Batch ID: R65127

- The data for EPA 150.1 meets quality control requirements.
- J65091-6 for pH: Sample received out of holding time for pH analysis.

Matrix AQ	Batch ID: R65128

- The data for EPA 150.1 meets quality control requirements.
- J65091-7 for pH: Sample received out of holding time for pH analysis.

Wet Chemistry By Method EPA 300/SW846 9056

Matrix AQ	Batch ID: GP39850

- 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) J65215-3DUP, J65215-3MS were used as the QC samples for Chloride.

Wet Chemistry By Method SM19 2510B/SW 9050A

Matrix AQ	Batch ID: GN5167

- Sample(s) J65497-1DUP were used as the QC samples for Specific Conductivity.

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:	J65091-1	**Date Sampled:**	06/28/07
Matrix:	AQ - Ground Water	**Date Received:**	06/29/07
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	3B25292.D	1	07/11/07	MMC	n/a	n/a	V3B1099
Run #2	3B25322.D	1	07/12/07	MMC	n/a	n/a	V3B1100

	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	2.1 [a]	0.50	0.091	ug/l	
75-25-2	Bromoform	4.2 [a]	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	0.63 [a]	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	3.4 [a]	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:	DIST		
Lab Sample ID:	J65091-1	**Date Sampled:**	06/28/07
Matrix:	AQ - Ground Water	**Date Received:**	06/29/07
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	96%	100%	74-123%
460-00-4	4-Bromofluorobenzene	84%	92%	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:	DIST		
Lab Sample ID:	J65091-1	**Date Sampled:**	06/28/07
Matrix:	AQ - Ground Water	**Date Received:**	06/29/07
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:	STEFF		
Lab Sample ID:	J65091-2	**Date Sampled:**	06/28/07
Matrix:	AQ - Effluent	**Date Received:**	06/29/07
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	3B25294.D	1	07/11/07	MMC	n/a	n/a	V3B1099
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:	J65091-2	**Date Sampled:**	06/28/07
Matrix:	AQ - Effluent	**Date Received:**	06/29/07
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	96%		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:	RW		
Lab Sample ID:	J65091-3	**Date Sampled:**	06/28/07
Matrix:	AQ - Ground Water	**Date Received:**	06/29/07
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	3B25254.D	1	07/10/07	MMC	n/a	n/a	V3B1097
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:	RW		
Lab Sample ID:	J65091-3	**Date Sampled:**	06/28/07
Matrix:	AQ - Ground Water	**Date Received:**	06/29/07
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	0.61	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	25.9	0.50	0.17	ug/l	
108-88-3	Toluene	ND	0.50	0.041	ug/l	
79-01-6	Trichloroethylene	0.72	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	98%		74-123%
460-00-4	4-Bromofluorobenzene	88%		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:	DUP		
Lab Sample ID:	J65091-4	**Date Sampled:**	06/28/07
Matrix:	AQ - Ground Water	**Date Received:**	06/29/07
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	3B25295.D	1	07/11/07	MMC	n/a	n/a	V3B1099
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:	J65091-4	Date Sampled:	06/28/07
Matrix:	AQ - Ground Water	Date Received:	06/29/07
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	0.65	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	26.7	0.50	0.17	ug/l	
108-88-3	Toluene	ND	0.50	0.041	ug/l	
79-01-6	Trichloroethylene	0.77	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	100%		74-123%
460-00-4	4-Bromofluorobenzene	94%		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:	W-4		
Lab Sample ID:	J65091-5	**Date Sampled:**	06/28/07
Matrix:	AQ - Ground Water	**Date Received:**	06/29/07
		Percent Solids:	n/a
Project:	Katonah, Katonah, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	162000	5000	ug/l	1	07/17/07	07/18/07	WP	SW846 6010B [1]	SW846 3010A [3]
Iron	3000	100	ug/l	1	07/19/07	07/20/07	ND	SW846 6010B [2]	SW846 3010A [3]
Manganese	2510	15	ug/l	1	07/17/07	07/18/07	WP	SW846 6010B [1]	SW846 3010A [3]
Sodium	105000	10000	ug/l	1	07/17/07	07/18/07	WP	SW846 6010B [1]	SW846 3010A [3]

(1) Instrument QC Batch: MA19487
(2) Instrument QC Batch: MA19501
(3) Prep QC Batch: MP39882

RL = Reporting Limit

Report of Analysis

Client Sample ID:	W-4		
Lab Sample ID:	J65091-5	**Date Sampled:**	06/28/07
Matrix:	AQ - Ground Water	**Date Received:**	06/29/07
		Percent Solids:	n/a
Project:	Katonah, Katonah, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chloride	337	2.0	mg/l	1	07/10/07 01:16	NR	EPA 300/SW846 9056
Specific Conductivity	1600	0.50	umhos/cm	1	07/10/07	JA	SM19 2510B/SW 9050A
pH [a]	6.48		su	1	06/29/07 15:40	MPC	EPA 150.1

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

RL = Reporting Limit

Report of Analysis

Client Sample ID:	W-11		
Lab Sample ID:	J65091-6	**Date Sampled:**	06/28/07
Matrix:	AQ - Ground Water	**Date Received:**	06/29/07
		Percent Solids:	n/a
Project:	Katonah, Katonah, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	100000	5000	ug/l	1	07/17/07	07/18/07	WP	SW846 6010B [1]	SW846 3010A [2]
Iron	6010	100	ug/l	1	07/17/07	07/18/07	WP	SW846 6010B [1]	SW846 3010A [2]
Manganese	160	15	ug/l	1	07/17/07	07/18/07	WP	SW846 6010B [1]	SW846 3010A [2]
Sodium	97200	10000	ug/l	1	07/17/07	07/18/07	WP	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA19487
(2) Prep QC Batch: MP39882

RL = Reporting Limit

Report of Analysis

Client Sample ID:	W-11		
Lab Sample ID:	J65091-6	**Date Sampled:**	06/28/07
Matrix:	AQ - Ground Water	**Date Received:**	06/29/07
		Percent Solids:	n/a
Project:	Katonah, Katonah, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chloride	254	2.0	mg/l	1	07/10/07 01:38	NR	EPA 300/SW846 9056
Specific Conductivity	1260	0.50	umhos/cm	1	07/10/07	JA	SM19 2510B/SW 9050A
pH [a]	7.33		su	1	06/29/07 15:50	MPC	EPA 150.1

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

RL = Reporting Limit

Report of Analysis

Client Sample ID:	FB		
Lab Sample ID:	J65091-7	**Date Sampled:**	06/28/07
Matrix:	AQ - Field Blank Water	**Date Received:**	06/29/07
		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	07/17/07	07/18/07	WP	SW846 6010B [1]	SW846 3010A [2]
Iron	< 100	100	ug/l	1	07/17/07	07/18/07	WP	SW846 6010B [1]	SW846 3010A [2]
Manganese	< 15	15	ug/l	1	07/17/07	07/18/07	WP	SW846 6010B [1]	SW846 3010A [2]
Sodium	< 10000	10000	ug/l	1	07/17/07	07/18/07	WP	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA19487
(2) Prep QC Batch: MP39882

RL = Reporting Limit

Report of Analysis

Client Sample ID:	FB		
Lab Sample ID:	J65091-7	**Date Sampled:**	06/28/07
Matrix:	AQ - Field Blank Water	**Date Received:**	06/29/07
		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	07/10/07 02:00	NR	EPA 300/SW846 9056
Specific Conductivity	4.0	0.50	umhos/cm	1	07/10/07	JA	SM19 2510B/SW 9050A
pH [a]	5.88		su	1	06/29/07 16:00	MPC	EPA 150.1

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

RL = Reporting Limit

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	J65091-8	**Date Sampled:**	06/28/07
Matrix:	AQ - Trip Blank Water	**Date Received:**	06/29/07
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	3B25296.D	1	07/11/07	MMC	n/a	n/a	V3B1099
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:	J65091-8	**Date Sampled:**	06/28/07
Matrix:	AQ - Trip Blank Water	**Date Received:**	06/29/07
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	99%		74-123%
460-00-4	4-Bromofluorobenzene	101%		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
- Sample Tracking Chronicle
- Internal Chain of Custody
- 2007 MDL Study - Method: EPA 524.2 REV 4.1

ACCUTEST. Laboratories

WW, FB, TB

CHAIN OF CUSTODY

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

FED-EX Tracking #:
Bottle Order Control #: TE-6/26/2007-15
Accutest Quote #:
Accutest Job #: J65091

Client / Reporting Information

Company Name: Environmental Planning & Mgmt
Address: 1983 Marcus Ave.
City: L. Success State: NY Zip: 11479
Project Contact: Darren Frank E-mail:
Phone #: 516-328-1194
Sampler's Name: Darren Frank

Project Information

Project Name: Katonah
Street:
City: Katonah State: NY
Project #: 27001
Fax #:
Client Purchase Order #:

Requested Analysis

Accutest Sample #	Field ID / Point of Collection	SUMMA # / MEOH Vial #	Date	Time	Sampled By	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	NaHSO4	MEOH	ENCORE	8260 ☐ 624 ☐ 8021 ☐ 602 ☐ PAUG ☐ / BTEX ☐ MTBE ☐ TBA ☐ NAP ☐ PALG ☐	8260 ☐ 624 ☐ TCL ☐ PPL ☐ STARS ☐ MTBE ☐ / TBA ☐ NAP ☐ +10 ☐ +15 ☐	8270 ☐ 625 ☐ TCL ☐ PPL ☐ STARS ☐ / ABN ☐ BN ☐ PAH ☐ PROF ☐ +TICs ☐	VOC-524.2 Rev 3	CHL - PH - S Conductivity	Metals Grp 3 (NA, CA, FE, MN)			pH		LAB USE ONLY
-1	DIST		6/28	11:40	DF	GW	3	3											X							AMETZ,
-2	STEFF			12:00			3	3											X							WC36,
-3	RW			12:15			3	3											X							2010
-4 3	RWMSMSD			12:15			3	3											X							
-5 -4	DUP						3	3											X							
-6 -5	W-4			13:20			2			1		1								X	X			6.48		
-7 -6	W-11			12:45			2			1		1								X	X			7.33		
-8 -7	FB			13:00		WW	2													X	X			5.88		
-9 -8	Trip Blank	*					2												X					[illegible]		

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

Turnaround Time (Business Days)

☒ Std. 15 Business Days
☐ 10 Day RUSH
☐ 5 Day RUSH
☐ 3 Day EMERGENCY
☐ 2 Day EMERGENCY
☐ 1 Day EMERGENCY
☐ Other

Approved By: / Date:

Emergency & Rush T/A data available VIA LabLink

Data Deliverable Information

☒ Commercial "A"
☐ Commercial "B"
☐ NJ Reduced
☐ NJ Full
☐ Other ______
☒ FULL CLP ASP
☐ NYASP Category A
☐ NYASP Category B
☐ State Forms
☐ EDD Format ______

Commercial "A" = Results Only

Comments / Remarks

* 5/11 6/26/07 0830 6/25/07

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	6/28/07 15:30	1 FedX	2 FedX	6/29/07 1000	2 M Cathens
Relinquished by: 3	Date Time:	Received by: 3	Relinquished by: 4	Date Time:	Received by: 4
Relinquished by: 5	Date Time:	Received by: 5	Custody Seal #: 492 intact	Preserved where applicable: ☒ On Ice: ☒	Cooler Temp. 4.8°C

CB

4.1

4

J65091: Chain of Custody
Page 1 of 1

Internal Sample Tracking Chronicle

Environmental Planning and Management

Job No: J65091

Katonah, Katonah, NY
Project No: 27001

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
J65091-1 DIST	Collected: 28-JUN-07 11:40 By: DF		Received: 29-JUN-07 By: MPC			
J65091-1	EPA 524.2 REV 4.1	11-JUL-07 16:10	MMC			V524STD
J65091-1	EPA 524.2 REV 4.1	12-JUL-07 16:51	MMC			V524STD
J65091-2 STEFF	Collected: 28-JUN-07 12:00 By: DF		Received: 29-JUN-07 By: MPC			
J65091-2	EPA 524.2 REV 4.1	11-JUL-07 17:19	MMC			V524STD
J65091-3 RW	Collected: 28-JUN-07 12:15 By: DF		Received: 29-JUN-07 By: MPC			
J65091-3	EPA 524.2 REV 4.1	10-JUL-07 15:07	MMC			V524STD
J65091-4 DUP	Collected: 28-JUN-07 00:00 By: DF		Received: 29-JUN-07 By: MPC			
J65091-4	EPA 524.2 REV 4.1	11-JUL-07 17:53	MMC			V524STD
J65091-5 W-4	Collected: 28-JUN-07 13:20 By: DF		Received: 29-JUN-07 By: MPC			
J65091-5	EPA 150.1	29-JUN-07 15:40	MPC			PH
J65091-5	SM19 2510B/SW 9050A	10-JUL-07	JA			SCON
J65091-5	EPA 300/SW846 9056	10-JUL-07 01:16	NR	09-JUL-07	NR	CHL
J65091-5	SW846 6010B	18-JUL-07 14:40	WP	17-JUL-07	GP	CA,MN,NA
J65091-5	SW846 6010B	20-JUL-07 20:21	ND	19-JUL-07	MKW	FE
J65091-6 W-11	Collected: 28-JUN-07 12:45 By: DF		Received: 29-JUN-07 By: MPC			
J65091-6	EPA 150.1	29-JUN-07 15:50	MPC			PH
J65091-6	SM19 2510B/SW 9050A	10-JUL-07	JA			SCON
J65091-6	EPA 300/SW846 9056	10-JUL-07 01:38	NR	09-JUL-07	NR	CHL
J65091-6	SW846 6010B	18-JUL-07 14:56	WP	17-JUL-07	GP	CA,FE,MN,NA

Internal Sample Tracking Chronicle

Environmental Planning and Management

Job No: J65091

Katonah, Katonah, NY
Project No: 27001

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
J65091-7	Collected: 28-JUN-07 13:00 By: DF		Received: 29-JUN-07 By: MPC			
FB						
J65091-7	EPA 150.1	29-JUN-07 16:00	MPC			PH
J65091-7	SM19 2510B/SW 9050A	10-JUL-07	JA			SCON
J65091-7	EPA 300/SW846 9056	10-JUL-07 02:00	NR	09-JUL-07	NR	CHL
J65091-7	SW846 6010B	18-JUL-07 15:01	WP	17-JUL-07	GP	CA,FE,MN,NA
J65091-8	Collected: 28-JUN-07 13:20 By: DF		Received: 29-JUN-07 By: MPC			
TRIP BLANK						
J65091-8	EPA 524.2 REV 4.1	11-JUL-07 18:27	MMC			V524STD

Accutest Internal Chain of Custody

Job Number: J65091
Account: EPMNYLS Environmental Planning and Management
Project: Katonah, Katonah, NY
Received: 06/29/07

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
J65091-1.1	Secured Storage	Mei Chen	07/06/07 09:57	Retrieve from Storage
J65091-1.1	Mei Chen	GCMS2E	07/06/07 09:57	Load on Instrument
J65091-1.1	GCMS2E	Mei Chen	07/09/07 06:47	Unload from Instrument
J65091-1.1	Mei Chen	Secured Storage	07/09/07 06:47	Return to Storage
J65091-1.1	Dave Hunkele		08/13/07 05:50	Disposed
J65091-1.2	Secured Storage	Ruifeng Yau	07/11/07 12:53	Retrieve from Storage
J65091-1.2	Ruifeng Yau	GCMS3B	07/11/07 12:53	Load on Instrument
J65091-1.2	GCMS3B	Mei Chen	07/12/07 07:18	Unload from Instrument
J65091-1.2	Mei Chen	Secured Storage	07/12/07 07:18	Return to Storage
J65091-1.2	Dave Hunkele		08/13/07 05:50	Disposed
J65091-2.1	Secured Storage	Mei Chen	07/06/07 09:57	Retrieve from Storage
J65091-2.1	Mei Chen	GCMS2E	07/06/07 09:57	Load on Instrument
J65091-2.1	GCMS2E	Mei Chen	07/09/07 06:47	Unload from Instrument
J65091-2.1	Mei Chen	Secured Storage	07/09/07 06:47	Return to Storage
J65091-2.1	Dave Hunkele		08/13/07 05:50	Disposed
J65091-2.2	Secured Storage	Ruifeng Yau	07/11/07 12:53	Retrieve from Storage
J65091-2.2	Ruifeng Yau	GCMS3B	07/11/07 12:53	Load on Instrument
J65091-2.2	GCMS3B	Mei Chen	07/12/07 07:18	Unload from Instrument
J65091-2.2	Mei Chen	Secured Storage	07/12/07 07:18	Return to Storage
J65091-2.2	Dave Hunkele		08/13/07 05:50	Disposed
J65091-3.1	Secured Storage	Mei Chen	07/06/07 09:57	Retrieve from Storage
J65091-3.1	Mei Chen	GCMS2E	07/06/07 09:57	Load on Instrument
J65091-3.1	GCMS2E	Mei Chen	07/09/07 06:47	Unload from Instrument
J65091-3.1	Mei Chen	Secured Storage	07/09/07 06:47	Return to Storage
J65091-3.1	Dave Hunkele		08/13/07 05:50	Disposed
J65091-3.2	Secured Storage	Mei Chen	07/06/07 09:57	Retrieve from Storage
J65091-3.2	Mei Chen	GCMS2E	07/06/07 09:57	Load on Instrument
J65091-3.2	GCMS2E	Mei Chen	07/09/07 06:47	Unload from Instrument
J65091-3.2	Mei Chen	Secured Storage	07/09/07 06:47	Return to Storage
J65091-3.2	Dave Hunkele		08/13/07 05:50	Disposed
J65091-3.3	Secured Storage	Mei Chen	07/06/07 09:57	Retrieve from Storage
J65091-3.3	Mei Chen	GCMS2E	07/06/07 09:57	Load on Instrument
J65091-3.3	GCMS2E	Mei Chen	07/09/07 06:47	Unload from Instrument
J65091-3.3	Mei Chen	Secured Storage	07/09/07 06:47	Return to Storage
J65091-3.3	Dave Hunkele		08/13/07 05:50	Disposed
J65091-3.4	Secured Storage	Mei Chen	07/10/07 11:35	Retrieve from Storage
J65091-3.4	Mei Chen	GCMS3B	07/10/07 11:35	Load on Instrument

Accutest Internal Chain of Custody

Job Number: J65091
Account: EPMNYLS Environmental Planning and Management
Project: Katonah, Katonah, NY
Received: 06/29/07

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
J65091-3.4	GCMS3B	Mei Chen	07/12/07 07:18	Unload from Instrument
J65091-3.4	Mei Chen	Secured Storage	07/12/07 07:18	Return to Storage
J65091-3.4	Dave Hunkele		08/13/07 05:50	Disposed
J65091-4.1	Secured Storage	Mei Chen	07/06/07 09:57	Retrieve from Storage
J65091-4.1	Mei Chen	GCMS2E	07/06/07 09:57	Load on Instrument
J65091-4.1	GCMS2E	Mei Chen	07/09/07 06:47	Unload from Instrument
J65091-4.1	Mei Chen	Secured Storage	07/09/07 06:47	Return to Storage
J65091-4.1	Dave Hunkele		08/13/07 05:50	Disposed
J65091-4.2	Secured Storage	Ruifeng Yau	07/11/07 12:53	Retrieve from Storage
J65091-4.2	Ruifeng Yau	GCMS3B	07/11/07 12:53	Load on Instrument
J65091-4.2	GCMS3B	Mei Chen	07/12/07 07:18	Unload from Instrument
J65091-4.2	Mei Chen	Secured Storage	07/12/07 07:18	Return to Storage
J65091-4.2	Dave Hunkele		08/13/07 05:50	Disposed
J65091-5.1	Secured Storage	Todd Shoemaker	07/17/07 08:11	Retrieve from Storage
J65091-5.1	Todd Shoemaker	Grace Park	07/17/07 08:12	Custody Transfer
J65091-5.1	Grace Park	Secured Storage	07/17/07 15:17	Return to Storage
J65091-5.1	Secured Storage	Michael Wassef	07/19/07 13:26	Retrieve from Storage
J65091-5.1	Michael Wassef	Secured Storage	07/19/07 17:13	Return to Storage
J65091-5.1	Dave Hunkele		08/13/07 05:50	Disposed
J65091-5.1.1	Grace Park	Metals Digestion	07/17/07 13:20	Digestate from J65091-5.1
J65091-5.1.1	Metals Digestion	Grace Park	07/17/07 15:41	Digestate from J65091-5.1
J65091-5.1.1	Grace Park	Metals Digestate Storage	07/17/07 15:41	Return to Storage
J65091-5.1.1	Metals Digestate Storage	Wally Pimental	07/18/07 12:17	Retrieve from Storage
J65091-5.1.1	Wally Pimental	Metals Digestate Storage	07/18/07 15:39	Return to Storage
J65091-5.1.2	Michael Wassef	Metals Digestion	07/19/07 14:37	Digestate from J65091-5.1
J65091-5.2	Secured Storage	Brian Earomirski	07/09/07 09:48	Retrieve from Storage
J65091-5.2	Brian Earomirski	Natalie Romanoff	07/09/07 09:48	Custody Transfer
J65091-5.2	Natalie Romanoff	Secured Storage	07/09/07 15:22	Return to Storage
J65091-5.2	Secured Storage	Todd Shoemaker	07/10/07 08:32	Retrieve from Storage
J65091-5.2	Todd Shoemaker	Jayshree Amin	07/10/07 08:34	Custody Transfer
J65091-5.2	Jayshree Amin	Secured Storage	07/10/07 16:09	Return to Storage
J65091-5.2	Dave Hunkele		08/13/07 05:50	Disposed
J65091-6.1	Secured Storage	Todd Shoemaker	07/17/07 08:11	Retrieve from Storage
J65091-6.1	Todd Shoemaker	Grace Park	07/17/07 08:12	Custody Transfer
J65091-6.1	Grace Park	Secured Storage	07/17/07 15:17	Return to Storage
J65091-6.1	Dave Hunkele		08/13/07 05:50	Disposed

Accutest Internal Chain of Custody

Job Number: J65091
Account: EPMNYLS Environmental Planning and Management
Project: Katonah, Katonah, NY
Received: 06/29/07

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
J65091-6.1.1	Grace Park	Metals Digestion	07/17/07 13:20	Digestate from J65091-6.1
J65091-6.1.1	Metals Digestion	Grace Park	07/17/07 15:41	Digestate from J65091-6.1
J65091-6.1.1	Grace Park	Metals Digestate Storage	07/17/07 15:41	Return to Storage
J65091-6.1.1	Metals Digestate Storage	Wally Pimental	07/18/07 12:17	Retrieve from Storage
J65091-6.1.1	Wally Pimental	Metals Digestate Storage	07/18/07 15:39	Return to Storage
J65091-6.2	Secured Storage	Brian Earomirski	07/09/07 09:48	Retrieve from Storage
J65091-6.2	Brian Earomirski	Natalie Romanoff	07/09/07 09:48	Custody Transfer
J65091-6.2	Natalie Romanoff	Secured Storage	07/09/07 15:22	Return to Storage
J65091-6.2	Secured Storage	Todd Shoemaker	07/10/07 08:32	Retrieve from Storage
J65091-6.2	Todd Shoemaker	Jayshree Amin	07/10/07 08:34	Custody Transfer
J65091-6.2	Jayshree Amin	Secured Storage	07/10/07 16:09	Return to Storage
J65091-6.2	Dave Hunkele		08/13/07 05:50	Disposed
J65091-7.1	Secured Storage	Todd Shoemaker	07/17/07 08:11	Retrieve from Storage
J65091-7.1	Todd Shoemaker	Grace Park	07/17/07 08:12	Custody Transfer
J65091-7.1	Grace Park	Secured Storage	07/17/07 15:17	Return to Storage
J65091-7.1	Dave Hunkele		08/13/07 05:50	Disposed
J65091-7.1.1	Grace Park	Metals Digestion	07/17/07 13:20	Digestate from J65091-7.1
J65091-7.1.1	Metals Digestion	Grace Park	07/17/07 15:41	Digestate from J65091-7.1
J65091-7.1.1	Grace Park	Metals Digestate Storage	07/17/07 15:41	Return to Storage
J65091-7.1.1	Metals Digestate Storage	Wally Pimental	07/18/07 12:17	Retrieve from Storage
J65091-7.1.1	Wally Pimental	Metals Digestate Storage	07/18/07 15:39	Return to Storage
J65091-7.2	Secured Storage	Brian Earomirski	07/09/07 09:48	Retrieve from Storage
J65091-7.2	Brian Earomirski	Natalie Romanoff	07/09/07 09:48	Custody Transfer
J65091-7.2	Natalie Romanoff	Secured Storage	07/09/07 15:22	Return to Storage
J65091-7.2	Secured Storage	Todd Shoemaker	07/10/07 08:32	Retrieve from Storage
J65091-7.2	Todd Shoemaker	Jayshree Amin	07/10/07 08:34	Custody Transfer
J65091-7.2	Jayshree Amin	Secured Storage	07/10/07 16:09	Return to Storage
J65091-7.2	Dave Hunkele		08/13/07 05:50	Disposed
J65091-8.1	Secured Storage	Mei Chen	07/06/07 09:57	Retrieve from Storage
J65091-8.1	Mei Chen	GCMS2E	07/06/07 09:57	Load on Instrument
J65091-8.1	GCMS2E	Mei Chen	07/09/07 06:47	Unload from Instrument
J65091-8.1	Mei Chen	Secured Storage	07/09/07 06:47	Return to Storage
J65091-8.1	Dave Hunkele		08/13/07 05:50	Disposed
J65091-8.2	Secured Storage	Ruifeng Yau	07/11/07 12:53	Retrieve from Storage
J65091-8.2	Ruifeng Yau	GCMS3B	07/11/07 12:53	Load on Instrument
J65091-8.2	GCMS3B	Mei Chen	07/12/07 07:18	Unload from Instrument
J65091-8.2	Mei Chen	Secured Storage	07/12/07 07:18	Return to Storage
J65091-8.2	Dave Hunkele		08/13/07 05:50	Disposed

Accutest Laboratories Annual Method Detection Limit Determination
Dayton, NJ Facility

Method: EPA 524.2 REV 4.1 (V524.2)
Instrument(s): GCMS1A, GCMS1C, GCMS2B, GCMS2E, GCMS3A, GCMS3B, GCMS3C, GCMS3D
Analyst: Pooled

Matrix: AQ
Quant Factor: 1.00
Study Period: February,2007

Cmpd./Element/Parm. Name	Analysis Date	Spike ug/l	Replicate Spikes R1 ug/l	R2 ug/l	R3 ug/l	R4 ug/l	R5 ug/l	R6 ug/l	R7 ug/l	X-Bar ug/l	X-Bar %Recov.	STD.Dev. ug/l	MDL	Spike/MDL Ratio
Acetone	25-Jan-07	3	3.03	2.07	1.97	1.95	1.71	2.00	2.07	2.11	70.45	0.42	1.32	2.27
Acrolein	24-Jan-07	2	2.34	1.26	1.87	1.20	1.69	1.82	1.50	1.67	83.45	0.39	1.24	1.62
Acrylonitrile	26-Feb-07	2.5	1.76	1.47	1.46	1.66	1.80	1.58	1.73	1.64	65.50	0.14	0.43	5.81
Allyl chloride	5-Jan-07	1	1.06	0.88	0.93	0.75	0.96	0.96	0.93	0.92	92.32	0.10	0.30	3.32
2-Butanone	25-Jan-07	3	3.30	2.27	2.38	2.36	2.35	2.23	2.32	2.46	81.96	0.37	1.18	2.55
Benzene	25-Jan-07	0.5	0.53	0.51	0.52	0.50	0.50	0.49	0.46	0.50	100.24	0.02	0.07	7.23
Bromobenzene	4-Jan-07	0.2	0.14	0.14	0.15	0.12	0.07	0.12	0.15	0.13	64.40	0.03	0.09	2.24
Bromochloromethane	5-Jan-07	1	0.83	0.92	1.01	1.00	0.94	0.73	0.86	0.90	89.82	0.10	0.31	3.25
Bromodichloromethane	4-Jan-07	0.2	0.21	0.15	0.16	0.14	0.16	0.14	0.12	0.15	76.60	0.03	0.09	2.19
Bromoform	4-Jan-07	0.5	0.47	0.49	0.35	0.39	0.40	0.34	0.39	0.40	80.88	0.06	0.18	2.74
Bromomethane	4-Jan-07	0.5	0.50	0.79	0.42	0.51	0.46	0.51	0.50	0.53	105.55	0.12	0.38	1.32
n-Butylbenzene	4-Jan-07	0.5	0.35	0.44	0.35	0.35	0.41	0.39	0.35	0.38	75.68	0.04	0.11	4.39
sec-Butylbenzene	2-Jan-07	1	1.04	1.00	0.99	1.00	0.95	1.02	1.34	1.05	104.86	0.13	0.41	2.46
tert-Butylbenzene	23-Jan-07	0.5	0.40	0.42	0.34	0.37	0.33	0.42	0.36	0.38	75.24	0.04	0.11	4.41
Carbon disulfide	4-Jan-07	0.2	0.26	0.22	0.16	0.17	0.14	0.14	0.16	0.18	89.15	0.05	0.14	1.39
Chloroacetonitrile	24-Jan-07	25	24.11	25.33	24.67	25.44	25.07	23.69	22.44	24.39	97.58	1.07	3.37	7.42
1-Chlorobutane	24-Jan-07	1	1.33	1.32	1.40	1.32	1.36	1.42	1.33	1.35	135.42	0.04	0.13	7.88
Chlorobenzene	23-Jan-07	0.5	0.48	0.47	0.49	0.46	0.48	0.51	0.45	0.48	95.54	0.02	0.06	7.81
Chloroethane	4-Jan-07	0.5	0.19	0.24	0.21	0.34	0.17	0.34	0.16	0.24	47.24	0.08	0.24	2.09
Chloroform	25-Jan-07	0.5	0.51	0.52	0.51	0.51	0.48	0.49	0.46	0.50	99.34	0.02	0.07	7.33
2-Chloroethyl vinyl ether	4-Jan-07	2.5	2.27	2.91	2.24	2.28	2.03	2.16	2.12	2.29	91.51	0.29	0.90	2.76
Chloromethane	14-Feb-07	0.2	0.24	0.32	0.20	0.22	0.20	0.21	0.21	0.23	113.08	0.04	0.13	1.50
o-Chlorotoluene	23-Jan-07	0.5	0.46	0.50	0.48	0.45	0.46	0.52	0.44	0.47	94.44	0.03	0.09	5.68
p-Chlorotoluene	23-Jan-07	0.5	0.46	0.48	0.49	0.42	0.46	0.49	0.43	0.46	92.38	0.03	0.09	5.65
Carbon tetrachloride	4-Jan-07	0.5	0.44	0.57	0.49	0.43	0.42	0.37	0.40	0.45	89.40	0.07	0.21	2.42
Cyclohexane	4-Jan-07	0.5	0.37	0.55	0.43	0.43	0.39	0.43	0.34	0.42	84.12	0.07	0.21	2.35
1,1-Dichloroethane	14-Feb-07	1	0.89	0.83	0.83	0.84	0.81	0.80	0.82	0.83	83.31	0.03	0.09	10.88
1,1-Dichloroethylene	4-Jan-07	0.5	0.36	0.48	0.42	0.32	0.26	0.29	0.39	0.36	72.08	0.08	0.24	2.10
1,1-Dichloropropene	4-Jan-07	0.5	0.51	0.59	0.47	0.49	0.41	0.37	0.44	0.47	93.66	0.07	0.22	2.22
1,2-Dibromo-3-chloropropane	5-Jan-07	1	0.51	0.70	0.68	0.70	0.92	0.53	0.71	0.68	67.71	0.13	0.42	2.36
1,2-Dibromoethane	23-Jan-07	0.2	0.13	0.16	0.14	0.15	0.14	0.12	0.10	0.13	67.05	0.02	0.07	3.07
1,2-Dichloroethane	23-Jan-07	0.5	0.56	0.61	0.56	0.55	0.57	0.59	0.59	0.58	115.16	0.02	0.07	6.98
1,2-Dichloropropane	4-Jan-07	0.5	0.48	0.62	0.45	0.47	0.39	0.49	0.48	0.48	96.82	0.07	0.22	2.29
1,3-Dichloropropane	4-Jan-07	0.2	0.16	0.15	0.18	0.16	0.16	0.12	0.16	0.16	77.65	0.02	0.05	3.91
2,2-Dichloropropane	4-Jan-07	0.5	0.55	0.67	0.51	0.58	0.43	0.51	0.48	0.53	106.44	0.08	0.25	2.00
Dibromochloromethane	4-Jan-07	0.2	0.15	0.13	0.15	0.13	0.09	0.13	0.10	0.13	62.55	0.02	0.07	2.71
Dibromomethane	4-Jan-07	0.5	0.41	0.57	0.43	0.43	0.40	0.43	0.45	0.45	89.36	0.06	0.18	2.78

Detection limits derived using the method described in 40 CFR Part 136, Appendix B

Method: EPA 524.2 REV 4.1 (V524.2)
Instrument(s): GCMS1A, GCMS1C, GCMS2B, GCMS2E, GCMS3A, GCMS3B, GCMS3C, GCMS3D
Analyst: Pooled

Matrix: AQ
Quant Factor: 1.00
Study Period: February,2007

Cmpd./Element/Parm. Name	Analysis Date	Spike ug/l	Replicate Spikes R1 ug/l	R2 ug/l	R3 ug/l	R4 ug/l	R5 ug/l	R6 ug/l	R7 ug/l	X-Bar ug/l	X-Bar %Recov.	STD.Dev. ug/l	MDL	Spike/MDL Ratio
Dichlorodifluoromethane	2-Jan-07	1	0.89	0.85	0.82	0.95	0.82	0.90	1.17	0.91	91.48	0.12	0.38	2.61
cis-1,3-Dichloropropene	4-Jan-07	0.2	0.19	0.16	0.13	0.15	0.16	0.11	0.18	0.16	77.75	0.03	0.08	2.39
m-Dichlorobenzene	23-Jan-07	0.5	0.48	0.49	0.49	0.47	0.46	0.51	0.45	0.48	95.98	0.02	0.07	7.68
o-Dichlorobenzene	25-Jan-07	1	1.20	0.93	0.96	0.94	0.91	0.93	0.93	0.97	97.00	0.10	0.32	3.17
p-Dichlorobenzene	4-Jan-07	0.2	0.18	0.16	0.14	0.15	0.13	0.15	0.13	0.15	74.50	0.02	0.05	3.73
trans-1,2-Dichloroethylene	26-Feb-07	0.2	0.16	0.19	0.11	0.19	0.22	0.18	0.18	0.18	88.40	0.04	0.11	1.81
cis-1,2-Dichloroethylene	23-Jan-07	0.2	0.20	0.22	0.19	0.18	0.20	0.15	0.16	0.19	93.00	0.03	0.08	2.47
trans-1,3-Dichloropropene	23-Jan-07	0.2	0.10	0.14	0.12	0.15	0.11	0.11	0.13	0.12	61.70	0.02	0.06	3.64
1,1-Dichloropropanone	2-Jan-07	1	1.41	1.32	1.41	1.24	1.29	1.23	1.70	1.37	137.30	0.16	0.51	1.97
Trans-1,4-Dichloro-2-Butene	24-Jan-07	1	0.81	0.79	1.05	0.88	0.94	0.99	1.01	0.92	92.33	0.10	0.32	3.16
Di-Isopropyl ether	25-Jan-07	1	1.09	0.84	0.87	0.84	0.83	0.84	0.83	0.88	87.70	0.09	0.29	3.40
1,4-Dioxane	2-Jan-07	5	4.06	5.33	3.54	5.11	4.71	3.69	2.31	4.11	82.12	1.05	3.29	1.52
Ethylbenzene	4-Jan-07	0.5	0.44	0.54	0.41	0.41	0.42	0.44	0.40	0.44	87.46	0.05	0.15	3.35
Ethyl tert Butyl Ether	25-Jan-07	1	1.08	0.85	0.86	0.86	0.83	0.82	0.84	0.88	87.80	0.09	0.28	3.57
Ethyl Ether	4-Jan-07	0.5	0.46	0.65	0.47	0.41	0.45	0.46	0.46	0.48	95.84	0.08	0.24	2.10
Ethyl methacrylate	2-Jan-07	1	0.81	0.79	0.80	0.80	0.75	0.83	1.08	0.84	83.89	0.11	0.35	2.88
Freon 113	27-Feb-07	5	5.52	5.36	4.90	4.83	4.90	5.12	5.11	5.11	102.14	0.26	0.81	6.18
Hexachlorobutadiene	4-Jan-07	0.5	0.44	0.57	0.51	0.40	0.45	0.45	0.39	0.46	91.26	0.06	0.19	2.61
Hexane	25-Jan-07	1	0.98	0.79	0.81	0.75	0.69	0.65	0.66	0.76	75.87	0.11	0.36	2.78
Hexachloroethane	4-Jan-07	0.5	0.39	0.46	0.37	0.37	0.42	0.39	0.38	0.39	78.94	0.03	0.10	4.99
2-Hexanone	25-Jan-07	3	3.80	2.92	2.94	2.90	2.81	2.90	2.82	3.01	100.40	0.35	1.10	2.74
Iodomethane	4-Jan-07	0.5	0.25	0.42	0.30	0.21	0.20	0.27	0.24	0.27	54.14	0.07	0.23	2.16
Isopropylbenzene	2-Jan-07	1	1.04	0.98	0.97	0.98	0.93	1.00	1.31	1.03	103.03	0.13	0.40	2.52
p-Isopropyltoluene	2-Jan-07	1	1.02	1.02	0.99	1.01	0.96	1.01	1.33	1.05	105.03	0.13	0.39	2.53
Methylene chloride	4-Jan-07	0.5	0.47	0.43	0.42	0.47	0.38	0.36	0.35	0.41	81.88	0.05	0.15	3.24
Methyl Tert Butyl Ether	14-Feb-07	0.5	0.44	0.44	0.43	0.44	0.46	0.46	0.49	0.45	90.20	0.02	0.06	7.70
4-Methyl-2-pentanone	2-Jan-07	3	0.88	0.92	0.90	0.91	0.87	0.77	1.23	0.92	30.82	0.14	0.45	6.70
Methacrylonitrile	27-Feb-07	5	4.84	4.64	4.58	4.50	4.46	4.53	4.70	4.61	92.15	0.13	0.42	12.01
Methyl methacrylate	25-Jan-07	1	0.93	0.72	0.73	0.71	0.69	0.75	0.73	0.75	75.10	0.08	0.25	3.94
Methyl Acrylate	25-Jan-07	1	0.90	0.64	0.65	0.68	0.63	0.64	0.63	0.68	68.13	0.10	0.30	3.30
Methyl Acetate	14-Feb-07	0.5	0.50	0.60	0.80	0.58	0.66	0.69	0.84	0.67	133.24	0.12	0.38	1.32
Methylcyclohexane	4-Jan-07	0.5	0.36	0.48	0.39	0.38	0.31	0.36	0.33	0.37	74.30	0.05	0.17	2.90
Nitrobenzene	5-Jan-07	10	15.51	11.05	14.22	13.85	12.48	12.73	10.95	12.97	129.70	1.68	5.27	1.90
2-Nitropropane	14-Feb-07	1	1.36	1.54	1.45	1.49	1.31	1.11	1.41	1.38	138.05	0.14	0.45	2.22
Naphthalene	4-Jan-07	0.2	0.21	0.16	0.16	0.16	0.15	0.13	0.16	0.16	80.85	0.02	0.07	2.69
n-Propylbenzene	30-Jan-07	0.5	0.54	0.53	0.52	0.51	0.51	0.49	0.47	0.51	101.44	0.02	0.07	6.87
Pentachloroethane	4-Jan-07	0.5	0.37	0.52	0.38	0.39	0.42	0.35	0.44	0.41	82.14	0.06	0.19	2.69
Propionitrile	26-Feb-07	5	3.19	2.90	2.08	2.94	2.85	2.96	0.07	2.43	48.58	1.10	3.44	1.45
Styrene	4-Jan-07	0.5	0.38	0.49	0.36	0.39	0.35	0.42	0.37	0.40	79.20	0.05	0.15	3.42
tert-Amyl Methyl Ether	14-Feb-07	0.2	0.13	0.17	0.11	0.12	0.11	0.12	0.12	0.13	63.65	0.02	0.07	3.03

Detection limits derived using the method described in 40 CFR Part 136, Appendix B

Method: EPA 524.2 REV 4.1 (V524.2)
Instrument(s): GCMS1A, GCMS1C, GCMS2B, GCMS2E, GCMS3A, GCMS3B, GCMS3C, GCMS3D
Analyst: Pooled

Matrix: AQ
Quant Factor: 1.00
Study Period: February,2007

			Replicate Spikes											
Cmpd./Element/Parm. Name	Analysis Date	Spike ug/l	R1 ug/l	R2 ug/l	R3 ug/l	R4 ug/l	R5 ug/l	R6 ug/l	R7 ug/l	X-Bar ug/l	X-Bar %Recov.	STD.Dev. ug/l	MDL	Spike/MDL Ratio
1,1,1,2-Tetrachloroethane	4-Jan-07	0.2	0.10	0.08	0.09	0.09	0.14	0.11	0.14	0.11	54.50	0.03	0.08	2.40
Tetrahydrofuran	24-Jan-07	1	0.96	1.01	0.94	1.12	0.87	0.63	0.73	0.89	89.12	0.17	0.52	1.91
1,1,1-Trichloroethane	14-Feb-07	0.5	0.34	0.35	0.35	0.36	0.36	0.33	0.39	0.36	71.20	0.02	0.06	8.46
1,1,2,2-Tetrachloroethane	30-Jan-07	0.5	0.53	0.60	0.53	0.55	0.54	0.54	0.51	0.54	108.72	0.03	0.08	6.05
1,1,2-Trichloroethane	4-Jan-07	0.5	0.45	0.63	0.50	0.47	0.41	0.40	0.44	0.47	94.12	0.08	0.24	2.08
1,2,3-Trichlorobenzene	14-Feb-07	0.2	0.30	0.24	0.25	0.24	0.24	0.20	0.22	0.24	119.75	0.03	0.09	2.18
1,2,3-Trichloropropane	4-Jan-07	0.5	0.34	0.58	0.45	0.49	0.43	0.46	0.46	0.46	91.36	0.07	0.23	2.22
1,2,4-Trichlorobenzene	14-Feb-07	0.2	0.26	0.23	0.23	0.21	0.24	0.22	0.20	0.23	113.00	0.02	0.06	3.11
1,2,4-Trimethylbenzene	4-Jan-07	0.5	0.41	0.51	0.42	0.44	0.42	0.40	0.40	0.43	85.62	0.04	0.13	3.97
1,3,5-Trimethylbenzene	23-Jan-07	0.5	0.41	0.41	0.42	0.40	0.37	0.44	0.38	0.41	81.08	0.02	0.07	7.03
Tetrachloroethylene	4-Jan-07	0.5	0.40	0.48	0.40	0.41	0.35	0.36	0.31	0.39	77.54	0.05	0.17	2.98
Toluene	24-Jan-07	0.2	0.28	0.25	0.25	0.24	0.24	0.24	0.24	0.25	124.95	0.01	0.04	4.91
Trichloroethylene	4-Jan-07	0.5	0.42	0.64	0.43	0.44	0.33	0.48	0.47	0.46	91.50	0.09	0.29	1.74
Trichlorofluoromethane	25-Jan-07	0.5	0.33	0.28	0.32	0.29	0.26	0.26	0.15	0.27	54.08	0.06	0.18	2.75
Tertiary Butyl Alcohol	30-Jan-07	2.5	2.22	1.99	1.11	2.05	1.74	0.90	2.26	1.75	70.15	0.54	1.70	1.47
Vinyl chloride	4-Jan-07	0.5	0.38	0.45	0.36	0.30	0.29	0.33	0.21	0.33	66.72	0.08	0.24	2.07
m,p-Xylene	14-Feb-07	0.4	0.26	0.28	0.26	0.26	0.25	0.26	0.09	0.24	59.58	0.07	0.21	1.90
o-Xylene	4-Jan-07	0.2	0.13	0.14	0.12	0.10	0.10	0.08	0.10	0.11	56.10	0.02	0.07	3.05

Detection limits derived using the method described in 40 CFR Part 136, Appendix B

GC/MS Volatiles

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QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (BFB)
- Internal Standard Area Summaries
- Surrogate Recovery Summaries
- Initial and Continuing Calibration Summaries

Method Blank Summary

Job Number: J65091
Account: EPMNYLS Environmental Planning and Management
Project: Katonah, Katonah, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3B1097-MB1	3B25249.D	1	07/10/07	MMC	n/a	n/a	V3B1097

The QC reported here applies to the following samples: Method: EPA 524.2 REV 4.1

J65091-3

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	
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	

Method Blank Summary

Job Number: J65091
Account: EPMNYLS Environmental Planning and Management
Project: Katonah, Katonah, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3B1097-MB1	3B25249.D	1	07/10/07	MMC	n/a	n/a	V3B1097

The QC reported here applies to the following samples: Method: EPA 524.2 REV 4.1

J65091-3

CAS No.	Compound	Result	RL	MDL	Units	Q
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		Limits
2199-69-1	1,2-Dichlorobenzene-d4	99%	74-123%

Method Blank Summary

Job Number: J65091
Account: EPMNYLS Environmental Planning and Management
Project: Katonah, Katonah, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3B1097-MB1	3B25249.D	1	07/10/07	MMC	n/a	n/a	V3B1097

The QC reported here applies to the following samples: Method: EPA 524.2 REV 4.1

J65091-3

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	89%	71-123%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact	5.73	.88	ug/l	J
	Total TIC, Volatile		0	ug/l	

Method Blank Summary

Job Number: J65091
Account: EPMNYLS Environmental Planning and Management
Project: Katonah, Katonah, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3B1099-MB	3B25288.D	1	07/11/07	MMC	n/a	n/a	V3B1099

The QC reported here applies to the following samples: Method: EPA 524.2 REV 4.1

J65091-1, J65091-2, J65091-4, J65091-8

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	
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	

Method Blank Summary

Job Number: J65091
Account: EPMNYLS Environmental Planning and Management
Project: Katonah, Katonah, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3B1099-MB	3B25288.D	1	07/11/07	MMC	n/a	n/a	V3B1099

The QC reported here applies to the following samples: Method: EPA 524.2 REV 4.1

J65091-1, J65091-2, J65091-4, J65091-8

CAS No.	Compound	Result	RL	MDL	Units	Q
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		Limits
2199-69-1	1,2-Dichlorobenzene-d4	99%	74-123%

Method Blank Summary

Job Number: J65091
Account: EPMNYLS Environmental Planning and Management
Project: Katonah, Katonah, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3B1099-MB	3B25288.D	1	07/11/07	MMC	n/a	n/a	V3B1099

The QC reported here applies to the following samples: Method: EPA 524.2 REV 4.1

J65091-1, J65091-2, J65091-4, J65091-8

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	86%	71-123%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

Method Blank Summary

Job Number: J65091
Account: EPMNYLS Environmental Planning and Management
Project: Katonah, Katonah, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3B1100-MB1	3B25307.D	1	07/12/07	MMC	n/a	n/a	V3B1100

The QC reported here applies to the following samples: **Method:** EPA 524.2 REV 4.1

J65091-1

CAS No.	Compound	Result	RL	MDL	Units	Q
75-27-4	Bromodichloromethane	ND	0.50	0.091	ug/l	
75-25-2	Bromoform	ND	0.50	0.18	ug/l	
67-66-3	Chloroform	ND	0.50	0.068	ug/l	
124-48-1	Dibromochloromethane	ND	0.50	0.074	ug/l	

CAS No.	Surrogate Recoveries		Limits
2199-69-1	1,2-Dichlorobenzene-d4	100%	74-123%
460-00-4	4-Bromofluorobenzene	93%	71-123%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

Blank Spike Summary

Job Number: J65091
Account: EPMNYLS Environmental Planning and Management
Project: Katonah, Katonah, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3B1097-BS	3B25250.D	1	07/10/07	MMC	n/a	n/a	V3B1097

The QC reported here applies to the following samples: Method: EPA 524.2 REV 4.1

J65091-3

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	20	19.5	98	70-130
78-93-3	2-Butanone	20	19.3	97	70-130
71-43-2	Benzene	5	5.5	110	70-130
108-86-1	Bromobenzene	5	6.0	120	70-130
74-97-5	Bromochloromethane	5	6.0	120	70-130
75-27-4	Bromodichloromethane	5	6.9	138* [a]	70-130
75-25-2	Bromoform	5	6.9	138* [a]	70-130
74-83-9	Bromomethane	2	2.3	115	70-130
104-51-8	n-Butylbenzene	5	5.3	106	70-130
135-98-8	sec-Butylbenzene	5	5.5	110	70-130
98-06-6	tert-Butylbenzene	5	5.4	108	70-130
75-15-0	Carbon disulfide	5	5.5	110	70-130
108-90-7	Chlorobenzene	5	5.4	108	70-130
75-00-3	Chloroethane	2	1.9	95	70-130
67-66-3	Chloroform	5	6.7	134* [a]	70-130
74-87-3	Chloromethane	2	2.0	100	70-130
95-49-8	o-Chlorotoluene	5	6.1	122	70-130
106-43-4	p-Chlorotoluene	5	5.7	114	70-130
56-23-5	Carbon tetrachloride	5	8.1	162* [a]	70-130
75-34-3	1,1-Dichloroethane	5	5.9	118	70-130
75-35-4	1,1-Dichloroethylene	5	5.6	112	70-130
563-58-6	1,1-Dichloropropene	5	5.8	116	70-130
96-12-8	1,2-Dibromo-3-chloropropane	5	5.8	116	70-130
106-93-4	1,2-Dibromoethane	5	5.6	112	70-130
107-06-2	1,2-Dichloroethane	5	7.4	148* [a]	70-130
78-87-5	1,2-Dichloropropane	5	5.6	112	70-130
142-28-9	1,3-Dichloropropane	5	5.9	118	70-130
594-20-7	2,2-Dichloropropane	5	7.2	144* [a]	70-130
124-48-1	Dibromochloromethane	5	6.8	136* [a]	70-130
74-95-3	Dibromomethane	5	6.5	130	70-130
75-71-8	Dichlorodifluoromethane	2	2.8	140* [a]	70-130
10061-01-5	cis-1,3-Dichloropropene	5	5.5	110	70-130
541-73-1	m-Dichlorobenzene	5	6.1	122	70-130
95-50-1	o-Dichlorobenzene	5	6.1	122	70-130
106-46-7	p-Dichlorobenzene	5	5.8	116	70-130
156-60-5	trans-1,2-Dichloroethylene	5	5.9	118	70-130

Blank Spike Summary

Job Number: J65091
Account: EPMNYLS Environmental Planning and Management
Project: Katonah, Katonah, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3B1097-BS	3B25250.D	1	07/10/07	MMC	n/a	n/a	V3B1097

The QC reported here applies to the following samples: Method: EPA 524.2 REV 4.1

J65091-3

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
156-59-2	cis-1,2-Dichloroethylene	5	5.9	118	70-130
10061-02-6	trans-1,3-Dichloropropene	5	6.2	124	70-130
100-41-4	Ethylbenzene	5	5.4	108	70-130
87-68-3	Hexachlorobutadiene	5	6.6	132* [a]	70-130
110-54-3	Hexane	5	5.3	106	70-130
591-78-6	2-Hexanone	20	17.2	86	70-130
98-82-8	Isopropylbenzene	5	5.6	112	70-130
99-87-6	p-Isopropyltoluene	5	5.4	108	70-130
75-09-2	Methylene chloride	5	5.5	110	70-130
1634-04-4	Methyl Tert Butyl Ether	5	5.3	106	70-130
108-10-1	4-Methyl-2-pentanone	20	18.2	91	70-130
91-20-3	Naphthalene	5	5.1	102	70-130
103-65-1	n-Propylbenzene	5	5.7	114	70-130
100-42-5	Styrene	5	5.3	106	70-130
630-20-6	1,1,1,2-Tetrachloroethane	5	6.7	134* [a]	70-130
71-55-6	1,1,1-Trichloroethane	5	7.4	148* [a]	70-130
79-34-5	1,1,2,2-Tetrachloroethane	5	5.8	116	70-130
79-00-5	1,1,2-Trichloroethane	5	5.8	116	70-130
87-61-6	1,2,3-Trichlorobenzene	5	5.4	108	70-130
96-18-4	1,2,3-Trichloropropane	5	6.9	138* [a]	70-130
120-82-1	1,2,4-Trichlorobenzene	5	5.3	106	70-130
95-63-6	1,2,4-Trimethylbenzene	5	5.8	116	70-130
108-67-8	1,3,5-Trimethylbenzene	5	5.5	110	70-130
127-18-4	Tetrachloroethylene	5	6.1	122	70-130
108-88-3	Toluene	5	5.2	104	70-130
79-01-6	Trichloroethylene	5	6.0	120	70-130
75-69-4	Trichlorofluoromethane	2	2.8	140* [a]	70-130
75-01-4	Vinyl chloride	2	1.8	90	70-130
	m,p-Xylene	10	11.1	111	70-130
95-47-6	o-Xylene	5	5.5	110	70-130
1330-20-7	Xylenes (total)	15	16.6	111	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
2199-69-1	1,2-Dichlorobenzene-d4	116%	74-123%

Blank Spike Summary

Job Number: J65091
Account: EPMNYLS Environmental Planning and Management
Project: Katonah, Katonah, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3B1097-BS	3B25250.D	1	07/10/07	MMC	n/a	n/a	V3B1097

The QC reported here applies to the following samples: Method: EPA 524.2 REV 4.1

J65091-3

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	106%	71-123%

(a) High percent recoveries and no associated positive found in the QC batch.

Blank Spike Summary

Job Number: J65091
Account: EPMNYLS Environmental Planning and Management
Project: Katonah, Katonah, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3B1099-BS	3B25289.D	1	07/11/07	MMC	n/a	n/a	V3B1099

The QC reported here applies to the following samples: Method: EPA 524.2 REV 4.1

J65091-1, J65091-2, J65091-4, J65091-8

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	20	17.8	89	70-130
78-93-3	2-Butanone	20	16.4	82	70-130
71-43-2	Benzene	5	5.4	108	70-130
108-86-1	Bromobenzene	5	6.1	122	70-130
74-97-5	Bromochloromethane	5	6.3	126	70-130
75-27-4	Bromodichloromethane	5	6.9	138* [a]	70-130
75-25-2	Bromoform	5	6.8	136* [a]	70-130
74-83-9	Bromomethane	2	2.6	130	70-130
104-51-8	n-Butylbenzene	5	5.0	100	70-130
135-98-8	sec-Butylbenzene	5	5.1	102	70-130
98-06-6	tert-Butylbenzene	5	5.7	114	70-130
75-15-0	Carbon disulfide	5	4.9	98	70-130
108-90-7	Chlorobenzene	5	5.1	102	70-130
75-00-3	Chloroethane	2	2.1	105	70-130
67-66-3	Chloroform	5	7.6	152* [a]	70-130
74-87-3	Chloromethane	2	2.0	100	70-130
95-49-8	o-Chlorotoluene	5	6.1	122	70-130
106-43-4	p-Chlorotoluene	5	5.6	112	70-130
56-23-5	Carbon tetrachloride	5	8.1	162* [a]	70-130
75-34-3	1,1-Dichloroethane	5	6.0	120	70-130
75-35-4	1,1-Dichloroethylene	5	5.3	106	70-130
563-58-6	1,1-Dichloropropene	5	5.4	108	70-130
96-12-8	1,2-Dibromo-3-chloropropane	5	5.3	106	70-130
106-93-4	1,2-Dibromoethane	5	5.4	108	70-130
107-06-2	1,2-Dichloroethane	5	7.6	152* [a]	70-130
78-87-5	1,2-Dichloropropane	5	5.3	106	70-130
142-28-9	1,3-Dichloropropane	5	5.8	116	70-130
594-20-7	2,2-Dichloropropane	5	7.3	146* [a]	70-130
124-48-1	Dibromochloromethane	5	6.9	138* [a]	70-130
74-95-3	Dibromomethane	5	6.4	128	70-130
75-71-8	Dichlorodifluoromethane	2	2.7	135* [a]	70-130
10061-01-5	cis-1,3-Dichloropropene	5	5.4	108	70-130
541-73-1	m-Dichlorobenzene	5	5.9	118	70-130
95-50-1	o-Dichlorobenzene	5	6.0	120	70-130
106-46-7	p-Dichlorobenzene	5	5.6	112	70-130
156-60-5	trans-1,2-Dichloroethylene	5	5.5	110	70-130

Blank Spike Summary

Job Number: J65091
Account: EPMNYLS Environmental Planning and Management
Project: Katonah, Katonah, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3B1099-BS	3B25289.D	1	07/11/07	MMC	n/a	n/a	V3B1099

The QC reported here applies to the following samples: Method: EPA 524.2 REV 4.1

J65091-1, J65091-2, J65091-4, J65091-8

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
156-59-2	cis-1,2-Dichloroethylene	5	5.7	114	70-130
10061-02-6	trans-1,3-Dichloropropene	5	6.2	124	70-130
100-41-4	Ethylbenzene	5	5.1	102	70-130
87-68-3	Hexachlorobutadiene	5	6.2	124	70-130
110-54-3	Hexane	5	3.7	74	70-130
591-78-6	2-Hexanone	20	14.3	72	70-130
98-82-8	Isopropylbenzene	5	5.3	106	70-130
99-87-6	p-Isopropyltoluene	5	5.2	104	70-130
75-09-2	Methylene chloride	5	5.6	112	70-130
1634-04-4	Methyl Tert Butyl Ether	5	5.0	100	70-130
108-10-1	4-Methyl-2-pentanone	20	15.9	80	70-130
91-20-3	Naphthalene	5	4.3	86	70-130
103-65-1	n-Propylbenzene	5	5.5	110	70-130
100-42-5	Styrene	5	5.1	102	70-130
630-20-6	1,1,1,2-Tetrachloroethane	5	7.0	140* [a]	70-130
71-55-6	1,1,1-Trichloroethane	5	7.6	152* [a]	70-130
79-34-5	1,1,2,2-Tetrachloroethane	5	5.7	114	70-130
79-00-5	1,1,2-Trichloroethane	5	5.9	118	70-130
87-61-6	1,2,3-Trichlorobenzene	5	5.2	104	70-130
96-18-4	1,2,3-Trichloropropane	5	6.6	132* [a]	70-130
120-82-1	1,2,4-Trichlorobenzene	5	5.1	102	70-130
95-63-6	1,2,4-Trimethylbenzene	5	5.6	112	70-130
108-67-8	1,3,5-Trimethylbenzene	5	5.3	106	70-130
127-18-4	Tetrachloroethylene	5	5.6	112	70-130
108-88-3	Toluene	5	5.1	102	70-130
79-01-6	Trichloroethylene	5	5.7	114	70-130
75-69-4	Trichlorofluoromethane	2	3.0	150* [a]	70-130
75-01-4	Vinyl chloride	2	2.0	100	70-130
	m,p-Xylene	10	10.8	108	70-130
95-47-6	o-Xylene	5	5.2	104	70-130
1330-20-7	Xylenes (total)	15	16.0	107	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
2199-69-1	1,2-Dichlorobenzene-d4	121%	74-123%

Blank Spike Summary

Job Number: J65091
Account: EPMNYLS Environmental Planning and Management
Project: Katonah, Katonah, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3B1099-BS	3B25289.D	1	07/11/07	MMC	n/a	n/a	V3B1099

The QC reported here applies to the following samples: **Method:** EPA 524.2 REV 4.1

J65091-1, J65091-2, J65091-4, J65091-8

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	112%	71-123%

(a) High percent recoveries and no associated positive found in the QC batch.

Blank Spike Summary

Job Number: J65091
Account: EPMNYLS Environmental Planning and Management
Project: Katonah, Katonah, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3B1100-BS	3B25308.D	1	07/12/07	MMC	n/a	n/a	V3B1100

The QC reported here applies to the following samples: Method: EPA 524.2 REV 4.1

J65091-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
75-27-4	Bromodichloromethane	5	6.3	126	70-130
75-25-2	Bromoform	5	6.3	126	70-130
67-66-3	Chloroform	5	6.2	124	70-130
124-48-1	Dibromochloromethane	5	6.1	122	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
2199-69-1	1,2-Dichlorobenzene-d4	119%	74-123%
460-00-4	4-Bromofluorobenzene	108%	71-123%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: J65091
Account: EPMNYLS Environmental Planning and Management
Project: Katonah, Katonah, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
J65091-3MS	3B25261.D	1	07/10/07	MMC	n/a	n/a	V3B1097
J65091-3MSD	3B25262.D	1	07/10/07	MMC	n/a	n/a	V3B1097
J65091-3	3B25254.D	1	07/10/07	MMC	n/a	n/a	V3B1097

The QC reported here applies to the following samples: Method: EPA 524.2 REV 4.1

J65091-3

CAS No.	Compound	J65091-3 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		20	20.3	102	18.7	94	8	15-168/21
78-93-3	2-Butanone	ND		20	18.1	91	17.9	90	1	18-151/28
71-43-2	Benzene	ND		5	4.6	92	4.4	88	4	56-136/16
108-86-1	Bromobenzene	ND		5	4.8	96	4.7	94	2	55-138/16
74-97-5	Bromochloromethane	ND		5	5.4	108	5.4	108	0	59-144/15
75-27-4	Bromodichloromethane	ND		5	6.0	120	5.9	118	2	58-145/17
75-25-2	Bromoform	ND		5	5.8	116	5.8	116	0	44-140/18
74-83-9	Bromomethane	ND		2	2.7	135	2.6	130	4	38-177/22
104-51-8	n-Butylbenzene	ND		5	3.6	72	3.6	72	0	43-140/16
135-98-8	sec-Butylbenzene	ND		5	3.7	74	3.6	72	3	46-140/16
98-06-6	tert-Butylbenzene	ND		5	3.7	74	3.5	70	6	44-141/19
75-15-0	Carbon disulfide	ND		5	3.9	78	3.7	74	5	35-140/21
108-90-7	Chlorobenzene	ND		5	4.1	82	4.1	82	0	58-130/15
75-00-3	Chloroethane	ND		2	2.4	120	2.4	120	0	38-175/20
67-66-3	Chloroform	ND		5	5.9	118	5.8	116	2	58-148/10
74-87-3	Chloromethane	ND		2	2.1	105	2.2	110	5	39-178/30
95-49-8	o-Chlorotoluene	ND		5	4.5	90	4.4	88	2	55-139/13
106-43-4	p-Chlorotoluene	ND		5	4.1	82	4.0	80	2	54-136/14
56-23-5	Carbon tetrachloride	ND		5	6.3	126	6.0	120	5	50-170/17
75-34-3	1,1-Dichloroethane	ND		5	5.1	102	4.9	98	4	60-145/15
75-35-4	1,1-Dichloroethylene	ND		5	4.1	82	4.2	84	2	49-141/21
563-58-6	1,1-Dichloropropene	ND		5	4.1	82	3.9	78	5	53-145/16
96-12-8	1,2-Dibromo-3-chloropropane	ND		5	4.6	92	4.8	96	4	39-153/17
106-93-4	1,2-Dibromoethane	ND		5	4.7	94	4.9	98	4	59-133/16
107-06-2	1,2-Dichloroethane	ND		5	6.6	132	6.6	132	0	58-161/14
78-87-5	1,2-Dichloropropane	ND		5	4.6	92	4.6	92	0	59-138/11
142-28-9	1,3-Dichloropropane	ND		5	5.1	102	5.0	100	2	63-135/11
594-20-7	2,2-Dichloropropane	ND		5	5.5	110	5.4	108	2	28-163/14
124-48-1	Dibromochloromethane	ND		5	5.8	116	5.7	114	2	54-137/14
74-95-3	Dibromomethane	ND		5	5.6	112	5.6	112	0	63-143/14
75-71-8	Dichlorodifluoromethane	ND		2	2.7	135	2.5	125	8	11-192/20
10061-01-5	cis-1,3-Dichloropropene	ND		5	4.3	86	4.2	84	2	53-128/14
541-73-1	m-Dichlorobenzene	ND		5	4.5	90	4.4	88	2	53-138/12
95-50-1	o-Dichlorobenzene	ND		5	4.6	92	4.6	92	0	54-138/13
106-46-7	p-Dichlorobenzene	ND		5	4.3	86	4.2	84	2	53-136/13
156-60-5	trans-1,2-Dichloroethylene	ND		5	4.8	96	4.5	90	6	52-139/19

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: J65091
Account: EPMNYLS Environmental Planning and Management
Project: Katonah, Katonah, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
J65091-3MS	3B25261.D	1	07/10/07	MMC	n/a	n/a	V3B1097
J65091-3MSD	3B25262.D	1	07/10/07	MMC	n/a	n/a	V3B1097
J65091-3	3B25254.D	1	07/10/07	MMC	n/a	n/a	V3B1097

The QC reported here applies to the following samples: Method: EPA 524.2 REV 4.1

J65091-3

CAS No.	Compound	J65091-3 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
156-59-2	cis-1,2-Dichloroethylene	0.61		5	5.4	96	5.2	92	4	57-134/14
10061-02-6	trans-1,3-Dichloropropene	ND		5	5.2	104	5.2	104	0	54-137/14
100-41-4	Ethylbenzene	ND		5	3.8	76	3.8	76	0	52-136/15
87-68-3	Hexachlorobutadiene	ND		5	4.7	94	4.4	88	7	39-151/14
110-54-3	Hexane	ND		5	4.0	80	3.7	74	8	21-142/20
591-78-6	2-Hexanone	ND		20	15.8	79	15.9	80	1	31-132/17
98-82-8	Isopropylbenzene	ND		5	3.6	72	3.5	70	3	46-140/18
99-87-6	p-Isopropyltoluene	ND		5	3.6	72	3.6	72	0	43-141/16
75-09-2	Methylene chloride	ND		5	5.0	100	5.8	116	15* [a]	55-139/13
1634-04-4	Methyl Tert Butyl Ether	ND		5	4.6	92	4.7	94	2	53-143/12
108-10-1	4-Methyl-2-pentanone	ND		20	16.9	85	17.2	86	2	48-133/15
91-20-3	Naphthalene	ND		5	3.5	70	3.7	74	6	42-135/13
103-65-1	n-Propylbenzene	ND		5	4.1	82	3.9	78	5	51-138/15
100-42-5	Styrene	ND		5	3.8	76	3.8	76	0	31-135/13
630-20-6	1,1,1,2-Tetrachloroethane	ND		5	5.5	110	5.5	110	0	57-143/15
71-55-6	1,1,1-Trichloroethane	ND		5	5.9	118	5.6	112	5	54-163/17
79-34-5	1,1,2,2-Tetrachloroethane	ND		5	5.1	102	5.0	100	2	60-137/12
79-00-5	1,1,2-Trichloroethane	ND		5	5.2	104	4.9	98	6	62-136/10
87-61-6	1,2,3-Trichlorobenzene	ND		5	4.0	80	3.9	78	3	44-137/16
96-18-4	1,2,3-Trichloropropane	ND		5	6.0	120	6.0	120	0	56-143/12
120-82-1	1,2,4-Trichlorobenzene	ND		5	3.8	76	3.7	74	3	43-136/18
95-63-6	1,2,4-Trimethylbenzene	ND		5	4.1	82	4.1	82	0	41-141/15
108-67-8	1,3,5-Trimethylbenzene	ND		5	3.8	76	3.8	76	0	44-139/14
127-18-4	Tetrachloroethylene	25.9		5	20.6	-106* [b]	6.1	-396* [b]	109* [a]	47-141/18
108-88-3	Toluene	ND		5	4.1	82	4.0	80	2	54-133/15
79-01-6	Trichloroethylene	0.72		5	5.0	86	4.6	78	8	58-140/17
75-69-4	Trichlorofluoromethane	ND		2	3.1	155	2.8	140	10	22-201/18
75-01-4	Vinyl chloride	ND		2	1.8	90	1.7	85	6	37-175/19
	m,p-Xylene	ND		10	8.2	82	8.0	80	2	50-137/14
95-47-6	o-Xylene	ND		5	3.7	74	3.7	74	0	50-134/17
1330-20-7	Xylenes (total)	ND		15	11.8	79	11.7	78	1	51-135/15

CAS No.	Surrogate Recoveries	MS	MSD	J65091-3	Limits
2199-69-1	1,2-Dichlorobenzene-d4	120%	113%	98%	74-123%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: J65091
Account: EPMNYLS Environmental Planning and Management
Project: Katonah, Katonah, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
J65091-3MS	3B25261.D	1	07/10/07	MMC	n/a	n/a	V3B1097
J65091-3MSD	3B25262.D	1	07/10/07	MMC	n/a	n/a	V3B1097
J65091-3	3B25254.D	1	07/10/07	MMC	n/a	n/a	V3B1097

The QC reported here applies to the following samples: Method: EPA 524.2 REV 4.1

J65091-3

CAS No.	Surrogate Recoveries	MS	MSD	J65091-3	Limits
460-00-4	4-Bromofluorobenzene	106%	102%	88%	71-123%

(a) Outside control limits due to matrix interference.
(b) Outside control limits due to high level in sample relative to spike amount.

Matrix Spike Summary

Job Number: J65091
Account: EPMNYLS Environmental Planning and Management
Project: Katonah, Katonah, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
J65091-1MS	3B25293.D	1	07/11/07	MMC	n/a	n/a	V3B1099
J65091-1	3B25292.D	1	07/11/07	MMC	n/a	n/a	V3B1099

The QC reported here applies to the following samples: Method: EPA 524.2 REV 4.1

J65091-1, J65091-2, J65091-4, J65091-8

CAS No.	Compound	J65091-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	Limits
67-64-1	Acetone	ND		20	21.3	107	15-168
78-93-3	2-Butanone	ND		20	17.4	87	18-151
71-43-2	Benzene	ND		5	4.9	98	56-136
108-86-1	Bromobenzene	ND		5	5.3	106	55-138
74-97-5	Bromochloromethane	ND		5	5.6	112	59-144
75-27-4	Bromodichloromethane	2.6		5	7.3	94	58-145
75-25-2	Bromoform	4.7		5	9.6	98	44-140
74-83-9	Bromomethane	ND		2	1.4	70	38-177
104-51-8	n-Butylbenzene	ND		5	4.6	92	43-140
135-98-8	sec-Butylbenzene	ND		5	4.6	92	46-140
98-06-6	tert-Butylbenzene	ND		5	4.5	90	44-141
75-15-0	Carbon disulfide	ND		5	4.5	90	35-140
108-90-7	Chlorobenzene	ND		5	4.5	90	58-130
75-00-3	Chloroethane	ND		2	2.4	120	38-175
67-66-3	Chloroform	0.83		5	6.7	117	58-148
74-87-3	Chloromethane	ND		2	3.0	150	39-178
95-49-8	o-Chlorotoluene	ND		5	4.4	88	55-139
106-43-4	p-Chlorotoluene	ND		5	4.7	94	54-136
56-23-5	Carbon tetrachloride	ND		5	7.9	158	50-170
75-34-3	1,1-Dichloroethane	ND		5	5.5	110	60-145
75-35-4	1,1-Dichloroethylene	ND		5	4.9	98	49-141
563-58-6	1,1-Dichloropropene	ND		5	4.9	98	53-145
96-12-8	1,2-Dibromo-3-chloropropane	ND		5	4.9	98	39-153
106-93-4	1,2-Dibromoethane	ND		5	4.8	96	59-133
107-06-2	1,2-Dichloroethane	ND		5	7.0	140	58-161
78-87-5	1,2-Dichloropropane	ND		5	4.7	94	59-138
142-28-9	1,3-Dichloropropane	ND		5	5.2	104	63-135
594-20-7	2,2-Dichloropropane	ND		5	6.9	138	28-163
124-48-1	Dibromochloromethane	4.3		5	8.1	76	54-137
74-95-3	Dibromomethane	ND		5	5.9	118	63-143
75-71-8	Dichlorodifluoromethane	ND		2	3.1	155	11-192
10061-01-5	cis-1,3-Dichloropropene	ND		5	4.5	90	53-128
541-73-1	m-Dichlorobenzene	ND		5	5.2	104	53-138
95-50-1	o-Dichlorobenzene	ND		5	5.2	104	54-138
106-46-7	p-Dichlorobenzene	ND		5	4.9	98	53-136
156-60-5	trans-1,2-Dichloroethylene	ND		5	5.0	100	52-139

Matrix Spike Summary

Job Number: J65091
Account: EPMNYLS Environmental Planning and Management
Project: Katonah, Katonah, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
J65091-1MS	3B25293.D	1	07/11/07	MMC	n/a	n/a	V3B1099
J65091-1	3B25292.D	1	07/11/07	MMC	n/a	n/a	V3B1099

The QC reported here applies to the following samples: Method: EPA 524.2 REV 4.1

J65091-1, J65091-2, J65091-4, J65091-8

CAS No.	Compound	J65091-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	Limits
156-59-2	cis-1,2-Dichloroethylene	ND		5	5.3	106	57-134
10061-02-6	trans-1,3-Dichloropropene	ND		5	5.5	110	54-137
100-41-4	Ethylbenzene	ND		5	4.4	88	52-136
87-68-3	Hexachlorobutadiene	ND		5	5.7	114	39-151
110-54-3	Hexane	ND		5	3.7	74	21-142
591-78-6	2-Hexanone	ND		20	14.6	73	31-132
98-82-8	Isopropylbenzene	ND		5	4.4	88	46-140
99-87-6	p-Isopropyltoluene	ND		5	4.6	92	43-141
75-09-2	Methylene chloride	ND		5	5.7	114	55-139
1634-04-4	Methyl Tert Butyl Ether	ND		5	4.4	88	53-143
108-10-1	4-Methyl-2-pentanone	ND		20	16.5	83	48-133
91-20-3	Naphthalene	ND		5	3.6	72	42-135
103-65-1	n-Propylbenzene	ND		5	4.9	98	51-138
100-42-5	Styrene	ND		5	0.17	3* [a]	31-135
630-20-6	1,1,1,2-Tetrachloroethane	ND		5	6.2	124	57-143
71-55-6	1,1,1-Trichloroethane	ND		5	7.1	142	54-163
79-34-5	1,1,2,2-Tetrachloroethane	ND		5	5.1	102	60-137
79-00-5	1,1,2-Trichloroethane	ND		5	5.1	102	62-136
87-61-6	1,2,3-Trichlorobenzene	ND		5	4.5	90	44-137
96-18-4	1,2,3-Trichloropropane	ND		5	6.3	126	56-143
120-82-1	1,2,4-Trichlorobenzene	ND		5	4.5	90	43-136
95-63-6	1,2,4-Trimethylbenzene	ND		5	4.2	84	41-141
108-67-8	1,3,5-Trimethylbenzene	ND		5	0.25	5* [a]	44-139
127-18-4	Tetrachloroethylene	ND		5	5.1	102	47-141
108-88-3	Toluene	ND		5	4.5	90	54-133
79-01-6	Trichloroethylene	ND		5	5.2	104	58-140
75-69-4	Trichlorofluoromethane	ND		2	3.5	175	22-201
75-01-4	Vinyl chloride	ND		2	1.8	90	37-175
	m,p-Xylene	ND		10	9.2	92	50-137
95-47-6	o-Xylene	ND		5	4.0	80	50-134
1330-20-7	Xylenes (total)	ND		15	13.2	88	51-135

CAS No.	Surrogate Recoveries	MS	J65091-1	Limits
2199-69-1	1,2-Dichlorobenzene-d4	120%	96%	74-123%

Matrix Spike Summary

Job Number: J65091
Account: EPMNYLS Environmental Planning and Management
Project: Katonah, Katonah, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
J65091-1MS	3B25293.D	1	07/11/07	MMC	n/a	n/a	V3B1099
J65091-1	3B25292.D	1	07/11/07	MMC	n/a	n/a	V3B1099

The QC reported here applies to the following samples: Method: EPA 524.2 REV 4.1

J65091-1, J65091-2, J65091-4, J65091-8

CAS No.	Surrogate Recoveries	MS	J65091-1	Limits
460-00-4	4-Bromofluorobenzene	106%	84%	71-123%

(a) Outside control limits due to matrix interference.

Matrix Spike Summary

Job Number: J65091
Account: EPMNYLS Environmental Planning and Management
Project: Katonah, Katonah, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
J65148-2MS	3B25317.D	1	07/12/07	MMC	n/a	n/a	V3B1100
J65148-2	3B25311.D	1	07/12/07	MMC	n/a	n/a	V3B1100

The QC reported here applies to the following samples: Method: EPA 524.2 REV 4.1

J65091-1

CAS No.	Compound	J65148-2 ug/l	Q	Spike ug/l	MS ug/l	MS %	Limits
75-27-4	Bromodichloromethane	ND		5	7.0	140	58-145
75-25-2	Bromoform	ND		5	6.7	134	44-140
67-66-3	Chloroform	0.24	J	5	7.0	135	58-148
124-48-1	Dibromochloromethane	ND		5	6.7	134	54-137

CAS No.	Surrogate Recoveries	MS	J65148-2	Limits
2199-69-1	1,2-Dichlorobenzene-d4	118%	102%	74-123%
460-00-4	4-Bromofluorobenzene	112%	96%	71-123%

Duplicate Summary

Job Number: J65091
Account: EPMNYLS Environmental Planning and Management
Project: Katonah, Katonah, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
J65809-1DUP	3B25291.D	1	07/11/07	MMC	n/a	n/a	V3B1099
J65809-1	3B25290.D	1	07/11/07	MMC	n/a	n/a	V3B1099

The QC reported here applies to the following samples: Method: EPA 524.2 REV 4.1

J65091-1, J65091-2, J65091-4, J65091-8

CAS No.	Compound	J65809-1 ug/l	Q	DUP ug/l	Q	RPD	Limits
67-64-1	Acetone	ND		ND		nc	11
78-93-3	2-Butanone	ND		ND		nc	17
71-43-2	Benzene	ND		ND		nc	10
108-86-1	Bromobenzene	ND		ND		nc	10
74-97-5	Bromochloromethane	ND		ND		nc	10
75-27-4	Bromodichloromethane	ND		ND		nc	10
75-25-2	Bromoform	ND		ND		nc	10
74-83-9	Bromomethane	ND		ND		nc	10
104-51-8	n-Butylbenzene	ND		ND		nc	10
135-98-8	sec-Butylbenzene	ND		ND		nc	10
98-06-6	tert-Butylbenzene	ND		ND		nc	10
75-15-0	Carbon disulfide	ND		ND		nc	27
108-90-7	Chlorobenzene	ND		ND		nc	10
75-00-3	Chloroethane	ND		ND		nc	10
67-66-3	Chloroform	ND		ND		nc	10
74-87-3	Chloromethane	ND		ND		nc	10
95-49-8	o-Chlorotoluene	ND		ND		nc	10
106-43-4	p-Chlorotoluene	ND		ND		nc	10
56-23-5	Carbon tetrachloride	ND		ND		nc	10
75-34-3	1,1-Dichloroethane	ND		ND		nc	10
75-35-4	1,1-Dichloroethylene	ND		ND		nc	10
563-58-6	1,1-Dichloropropene	ND		ND		nc	10
96-12-8	1,2-Dibromo-3-chloropropane	ND		ND		nc	10
106-93-4	1,2-Dibromoethane	ND		ND		nc	10
107-06-2	1,2-Dichloroethane	ND		ND		nc	10
78-87-5	1,2-Dichloropropane	ND		ND		nc	10
142-28-9	1,3-Dichloropropane	ND		ND		nc	10
594-20-7	2,2-Dichloropropane	ND		ND		nc	10
124-48-1	Dibromochloromethane	ND		ND		nc	10
74-95-3	Dibromomethane	ND		ND		nc	10
75-71-8	Dichlorodifluoromethane	ND		ND		nc	10
10061-01-5	cis-1,3-Dichloropropene	ND		ND		nc	10
541-73-1	m-Dichlorobenzene	ND		ND		nc	10
95-50-1	o-Dichlorobenzene	ND		ND		nc	10
106-46-7	p-Dichlorobenzene	ND		ND		nc	10
156-60-5	trans-1,2-Dichloroethylene	ND		ND		nc	10

Duplicate Summary

Job Number: J65091
Account: EPMNYLS Environmental Planning and Management
Project: Katonah, Katonah, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
J65809-1DUP	3B25291.D	1	07/11/07	MMC	n/a	n/a	V3B1099
J65809-1	3B25290.D	1	07/11/07	MMC	n/a	n/a	V3B1099

The QC reported here applies to the following samples: Method: EPA 524.2 REV 4.1

J65091-1, J65091-2, J65091-4, J65091-8

CAS No.	Compound	J65809-1 ug/l	Q	DUP ug/l	Q	RPD	Limits
156-59-2	cis-1,2-Dichloroethylene	ND		ND		nc	10
10061-02-6	trans-1,3-Dichloropropene	ND		ND		nc	10
100-41-4	Ethylbenzene	ND		ND		nc	10
87-68-3	Hexachlorobutadiene	ND		ND		nc	10
110-54-3	Hexane	ND		ND		nc	10
591-78-6	2-Hexanone	ND		ND		nc	10
98-82-8	Isopropylbenzene	ND		ND		nc	10
99-87-6	p-Isopropyltoluene	ND		ND		nc	10
75-09-2	Methylene chloride	ND		ND		nc	10
1634-04-4	Methyl Tert Butyl Ether	17.8		19.6		10	17
108-10-1	4-Methyl-2-pentanone	ND		ND		nc	10
91-20-3	Naphthalene	ND		ND		nc	10
103-65-1	n-Propylbenzene	ND		ND		nc	10
100-42-5	Styrene	ND		ND		nc	10
630-20-6	1,1,1,2-Tetrachloroethane	ND		ND		nc	10
71-55-6	1,1,1-Trichloroethane	ND		ND		nc	10
79-34-5	1,1,2,2-Tetrachloroethane	ND		ND		nc	10
79-00-5	1,1,2-Trichloroethane	ND		ND		nc	10
87-61-6	1,2,3-Trichlorobenzene	ND		ND		nc	10
96-18-4	1,2,3-Trichloropropane	ND		ND		nc	10
120-82-1	1,2,4-Trichlorobenzene	ND		ND		nc	10
95-63-6	1,2,4-Trimethylbenzene	ND		ND		nc	10
108-67-8	1,3,5-Trimethylbenzene	ND		ND		nc	10
127-18-4	Tetrachloroethylene	ND		ND		nc	10
108-88-3	Toluene	ND		ND		nc	17
79-01-6	Trichloroethylene	ND		ND		nc	10
75-69-4	Trichlorofluoromethane	ND		ND		nc	10
75-01-4	Vinyl chloride	ND		ND		nc	10
	m,p-Xylene	ND		ND		nc	10
95-47-6	o-Xylene	ND		ND		nc	10
1330-20-7	Xylenes (total)	ND		ND		nc	10

CAS No.	Surrogate Recoveries	DUP	J65809-1	Limits
2199-69-1	1,2-Dichlorobenzene-d4	96%	100%	74-123%

Duplicate Summary

Job Number: J65091
Account: EPMNYLS Environmental Planning and Management
Project: Katonah, Katonah, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
J65809-1DUP	3B25291.D	1	07/11/07	MMC	n/a	n/a	V3B1099
J65809-1	3B25290.D	1	07/11/07	MMC	n/a	n/a	V3B1099

The QC reported here applies to the following samples: Method: EPA 524.2 REV 4.1

J65091-1, J65091-2, J65091-4, J65091-8

CAS No.	Surrogate Recoveries	DUP	J65809-1	Limits
460-00-4	4-Bromofluorobenzene	84%	85%	71-123%

Duplicate Summary

Job Number: J65091
Account: EPMNYLS Environmental Planning and Management
Project: Katonah, Katonah, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
J65706-7DUP	3B25319.D	1	07/12/07	MMC	n/a	n/a	V3B1100
J65706-7	3B25318.D	1	07/12/07	MMC	n/a	n/a	V3B1100

The QC reported here applies to the following samples: Method: EPA 524.2 REV 4.1

J65091-1

CAS No.	Compound	J65706-7 ug/l	Q	DUP ug/l	Q	RPD	Limits
75-27-4	Bromodichloromethane	ND		ND		nc	10
75-25-2	Bromoform	ND		ND		nc	10
67-66-3	Chloroform	ND		ND		nc	10
124-48-1	Dibromochloromethane	ND		ND		nc	10

CAS No.	Surrogate Recoveries	DUP	J65706-7	Limits
2199-69-1	1,2-Dichlorobenzene-d4	98%	97%	74-123%
460-00-4	4-Bromofluorobenzene	88%	89%	71-123%

Instrument Performance Check (BFB)

Job Number: J65091
Account: EPMNYLS Environmental Planning and Management
Project: Katonah, Katonah, NY

Sample:	V3B1080-BFB	Injection Date:	06/29/07
Lab File ID:	3B24955.D	Injection Time:	08:21
Instrument ID:	GCMS3B		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	1794	19.0		Pass
75	30.0 - 80.0% of mass 95	4392	46.6		Pass
95	Base peak, 100% relative abundance	9418	100.0		Pass
96	5.0 - 9.0% of mass 95	744	7.9		Pass
173	Less than 2.0% of mass 174	0	0.0	(0.0) [a]	Pass
174	50.0 - 120.0% of mass 95	8444	89.7		Pass
175	5.0 - 9.0% of mass 174	599	6.4	(7.1) [a]	Pass
176	95.01 - 101.0% of mass 174	8247	87.6	(97.7) [a]	Pass
177	5.0 - 9.0% of mass 176	599	6.4	(7.3) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V3B1080-IC1080	3B24957.D	06/29/07	09:38	01:17	Initial cal 40
V3B1080-IC1080	3B24958.D	06/29/07	10:12	01:51	Initial cal 20
V3B1080-IC1080	3B24959.D	06/29/07	10:46	02:25	Initial cal 10
V3B1080-ICC1080	3B24960.D	06/29/07	11:21	03:00	Initial cal 5
V3B1080-IC1080	3B24961.D	06/29/07	11:56	03:35	Initial cal 2
V3B1080-IC1080	3B24962.D	06/29/07	12:30	04:09	Initial cal 1
V3B1080-IC1080	3B24963.D	06/29/07	13:04	04:43	Initial cal 0.5
V3B1080-ICV1080	3B24964.D	06/29/07	13:38	05:17	Initial cal verification 10
V3B1081-MB1	3B24966.D	06/29/07	15:26	07:05	Method Blank
J64451-1PDUP	3B24967.D	06/29/07	16:00	07:39	Duplicate
J64451-1P	3B24968.D	06/29/07	16:34	08:13	(used for QC only; not part of job J65091)
V3B1081-BS	3B24971.D	06/29/07	18:16	09:55	Blank Spike
J64451-1PMS	3B24972.D	06/29/07	18:50	10:29	Matrix Spike

Instrument Performance Check (BFB)

Job Number: J65091
Account: EPMNYLS Environmental Planning and Management
Project: Katonah, Katonah, NY

Sample:	V3B1097-BFB	Injection Date:	07/10/07
Lab File ID:	3B25246.D	Injection Time:	09:05
Instrument ID:	GCMS3B		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	1766	18.2		Pass
75	30.0 - 80.0% of mass 95	4920	50.8		Pass
95	Base peak, 100% relative abundance	9679	100.0		Pass
96	5.0 - 9.0% of mass 95	660	6.8		Pass
173	Less than 2.0% of mass 174	0	0.0	(0.0) [a]	Pass
174	50.0 - 120.0% of mass 95	8727	90.2		Pass
175	5.0 - 9.0% of mass 174	532	5.5	(6.1) [a]	Pass
176	95.01 - 101.0% of mass 174	8591	88.8	(98.4) [a]	Pass
177	5.0 - 9.0% of mass 176	627	6.5	(7.3) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V3B1097-CC1080	3B25247.D	07/10/07	09:44	00:39	Continuing cal 10
V3B1097-MB1	3B25249.D	07/10/07	10:56	01:51	Method Blank
V3B1097-BS	3B25250.D	07/10/07	12:10	03:05	Blank Spike
J65091-3	3B25254.D	07/10/07	15:07	06:02	RW
ZZZZZZ	3B25255.D	07/10/07	15:43	06:38	(unrelated sample)
ZZZZZZ	3B25256.D	07/10/07	16:18	07:13	(unrelated sample)
ZZZZZZ	3B25257.D	07/10/07	17:17	08:12	(unrelated sample)
ZZZZZZ	3B25258.D	07/10/07	17:51	08:46	(unrelated sample)
ZZZZZZ	3B25259.D	07/10/07	18:25	09:20	(unrelated sample)
ZZZZZZ	3B25260.D	07/10/07	18:59	09:54	(unrelated sample)
J65091-3MS	3B25261.D	07/10/07	19:33	10:28	Matrix Spike
J65091-3MSD	3B25262.D	07/10/07	20:07	11:02	Matrix Spike Duplicate

Instrument Performance Check (BFB)

Job Number: J65091
Account: EPMNYLS Environmental Planning and Management
Project: Katonah, Katonah, NY

Sample:	V3B1099-BFB	Injection Date:	07/11/07
Lab File ID:	3B25285.D	Injection Time:	11:15
Instrument ID:	GCMS3B		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	1781	19.9		Pass
75	30.0 - 80.0% of mass 95	4387	49.1		Pass
95	Base peak, 100% relative abundance	8938	100.0		Pass
96	5.0 - 9.0% of mass 95	639	7.1		Pass
173	Less than 2.0% of mass 174	0	0.0	(0.0) [a]	Pass
174	50.0 - 120.0% of mass 95	8390	93.9		Pass
175	5.0 - 9.0% of mass 174	652	7.3	(7.8) [a]	Pass
176	95.01 - 101.0% of mass 174	8326	93.2	(99.2) [a]	Pass
177	5.0 - 9.0% of mass 176	588	6.6	(7.1) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V3B1099-CC1080	3B25286.D	07/11/07	11:49	00:34	Continuing cal 10
V3B1099-MB	3B25288.D	07/11/07	12:58	01:43	Method Blank
V3B1099-BS	3B25289.D	07/11/07	13:29	02:14	Blank Spike
J65809-1	3B25290.D	07/11/07	15:02	03:47	(used for QC only; not part of job J65091)
J65809-1DUP	3B25291.D	07/11/07	15:36	04:21	Duplicate
J65091-1	3B25292.D	07/11/07	16:10	04:55	DIST
J65091-1MS	3B25293.D	07/11/07	16:45	05:30	Matrix Spike
J65091-2	3B25294.D	07/11/07	17:19	06:04	STEFF
J65091-4	3B25295.D	07/11/07	17:53	06:38	DUP
J65091-8	3B25296.D	07/11/07	18:27	07:12	TRIP BLANK
ZZZZZZ	3B25298.D	07/11/07	19:59	08:44	(unrelated sample)
ZZZZZZ	3B25303.D	07/11/07	23:12	11:57	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: J65091
Account: EPMNYLS Environmental Planning and Management
Project: Katonah, Katonah, NY

Sample:	V3B1100-BFB	Injection Date:	07/12/07
Lab File ID:	3B25304.D	Injection Time:	06:47
Instrument ID:	GCMS3B		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	2100	18.3		Pass
75	30.0 - 80.0% of mass 95	6087	53.0		Pass
95	Base peak, 100% relative abundance	11490	100.0		Pass
96	5.0 - 9.0% of mass 95	835	7.3		Pass
173	Less than 2.0% of mass 174	0	0.0	(0.0) [a]	Pass
174	50.0 - 120.0% of mass 95	10663	92.8		Pass
175	5.0 - 9.0% of mass 174	778	6.8	(7.3) [a]	Pass
176	95.01 - 101.0% of mass 174	10398	90.5	(97.5) [a]	Pass
177	5.0 - 9.0% of mass 176	708	6.2	(6.8) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V3B1100-CC1080	3B25305.D	07/12/07	08:08	01:21	Continuing cal 5
V3B1100-MB1	3B25307.D	07/12/07	09:29	02:42	Method Blank
V3B1100-BS	3B25308.D	07/12/07	10:03	03:16	Blank Spike
J65148-2	3B25311.D	07/12/07	11:52	05:05	(used for QC only; not part of job J65091)
ZZZZZZ	3B25312.D	07/12/07	12:26	05:39	(unrelated sample)
ZZZZZZ	3B25313.D	07/12/07	13:00	06:13	(unrelated sample)
ZZZZZZ	3B25314.D	07/12/07	13:35	06:48	(unrelated sample)
ZZZZZZ	3B25315.D	07/12/07	14:10	07:23	(unrelated sample)
ZZZZZZ	3B25316.D	07/12/07	14:44	07:57	(unrelated sample)
J65148-2MS	3B25317.D	07/12/07	15:18	08:31	Matrix Spike
ZZZZZZ	3B25321.D	07/12/07	16:16	09:29	(unrelated sample)
J65091-1	3B25322.D	07/12/07	16:51	10:04	DIST
ZZZZZZ	3B25320.D	07/12/07	17:25	10:38	(unrelated sample)
J65706-7	3B25318.D	07/12/07	17:58	11:11	(used for QC only; not part of job J65091)
J65706-7DUP	3B25319.D	07/12/07	18:32	11:45	Duplicate

Volatile Internal Standard/Surrogate Area Summary

Job Number: J65091
Account: EPMNYLS Environmental Planning and Management
Project: Katonah, Katonah, NY

Check Std:	V3B1097-CC1080	Injection Date:	07/10/07
Lab File ID:	3B25247.D	Injection Time:	09:44
Instrument ID:	GCMS3B	Method:	EPA 524.2 REV 4.1

	IS 1 AREA	RT	IS 2 AREA	RT	Surr 3 AREA	RT	Surr 4 AREA	RT
Initial Cal [a]	19468	8.51	63507	11.76	23110	18.08	22202	16.40
Previous Check [b]	14047	8.51	53713	11.77	24798	18.08	21376	16.40
Check Std [c]	13609	8.50	53368	11.77	24911	18.08	22379	16.39
Upper Limit [d]	27218	9.00	106736	12.27	49822	18.58	44758	16.89
Lower Limit [e]	6805	8.00	26684	11.27	12456	17.58	11190	15.89

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	Surr 3 AREA	RT	Surr 4 AREA	RT
V3B1097-MB1	12984	8.50	51616	11.77	18546	18.08	16092	16.39
V3B1097-BS	14946	8.51	54176	11.77	22721	18.09	20267	16.39
J65091-3	14581	8.51	51670	11.77	18400	18.08	15916	16.40
ZZZZZZ	14817	8.51	53715	11.77	18607	18.09	15832	16.40
ZZZZZZ	16751	8.50	55705	11.77	20519	18.08	16866	16.40
ZZZZZZ	14298	8.51	54548	11.76	19453	18.09	16888	16.40
ZZZZZZ	17052	8.50	55746	11.77	20317	18.08	17416	16.40
ZZZZZZ	14583	8.50	54411	11.77	19269	18.08	16979	16.40
ZZZZZZ	14071	8.50	53192	11.77	18668	18.09	16038	16.40
J65091-3MS	14266	8.51	54752	11.77	23668	18.08	20419	16.40
J65091-3MSD	14521	8.51	57889	11.77	23705	18.09	20850	16.40

IS 1 = Tert Butyl Alcohol-D9
IS 2 = Fluorobenzene
Surr 3 = 1,2-Dichlorobenzene-d4
Surr 4 = 4-Bromofluorobenzene

(a) Initial Cal is: V3B1080-ICC1080 3B24960.D 06/29/07 11:21
(b) Previous Check is: V3B1095-CC1080 3B25209.D 07/09/07 09:58
(c) Check Std Lower Limit = -30% of previous check area; -50% of initial cal area.
(d) Upper Limit = +100% of check standard area; Retention time +0.5 minutes.
(e) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.

Volatile Internal Standard/Surrogate Area Summary

Job Number: J65091
Account: EPMNYLS Environmental Planning and Management
Project: Katonah, Katonah, NY

Check Std:	V3B1099-CC1080	Injection Date:	07/11/07
Lab File ID:	3B25286.D	Injection Time:	11:49
Instrument ID:	GCMS3B	Method:	EPA 524.2 REV 4.1

	IS 1 AREA	RT	IS 2 AREA	RT	Surr 3 AREA	RT	Surr 4 AREA	RT
Initial Cal [a]	19468	8.51	63507	11.76	23110	18.08	22202	16.40
Previous Check [b]	14551	8.50	56360	11.77	23818	18.08	20977	16.40
Check Std [c]	14537	8.51	50695	11.76	23653	18.08	21288	16.39
Upper Limit [d]	29074	9.01	101390	12.26	47306	18.58	42576	16.89
Lower Limit [e]	7269	8.01	25348	11.26	11827	17.58	10644	15.89

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	Surr 3 AREA	RT	Surr 4 AREA	RT
V3B1099-MB	16183	8.51	56923	11.77	20301	18.08	17147	16.39
V3B1099-BS	13323	8.51	50974	11.76	22378	18.08	20044	16.39
J65809-1	17129	8.50	56924	11.76	20574	18.09	17003	16.40
J65809-1DUP	14571	8.50	55143	11.77	19207	18.09	16367	16.40
J65091-1	13141	8.50	52315	11.77	18192	18.09	15428	16.40
J65091-1MS	13596	8.51	53432	11.76	23133	18.08	19985	16.39
J65091-2	13819	8.50	52989	11.77	18439	18.08	15656	16.39
J65091-4	12613	8.51	51010	11.76	18453	18.08	16826	16.40
J65091-8	13189	8.50	49820	11.77	17840	18.09	17752	16.40
ZZZZZZ	13885	8.51	49567	11.77	17557	18.08	14997	16.40
ZZZZZZ	13196	8.51	49735	11.77	17691	18.08	16946	16.39

IS 1 = Tert Butyl Alcohol-D9
IS 2 = Fluorobenzene
Surr 3 = 1,2-Dichlorobenzene-d4
Surr 4 = 4-Bromofluorobenzene

(a) Initial Cal is: V3B1080-ICC1080 3B24960.D 06/29/07 11:21
(b) Previous Check is: V3B1098-CC1080 3B25266.D 07/10/07 21:49
(c) Check Std Lower Limit = -30% of previous check area; -50% of initial cal area.
(d) Upper Limit = +100% of check standard area; Retention time +0.5 minutes.
(e) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.

Volatile Internal Standard/Surrogate Area Summary

Job Number: J65091
Account: EPMNYLS Environmental Planning and Management
Project: Katonah, Katonah, NY

Check Std:	V3B1100-CC1080	Injection Date:	07/12/07
Lab File ID:	3B25305.D	Injection Time:	08:08
Instrument ID:	GCMS3B	Method:	EPA 524.2 REV 4.1

	IS 1 AREA	RT	IS 2 AREA	RT	Surr 3 AREA	RT	Surr 4 AREA	RT
Initial Cal [a]	19468	8.51	63507	11.76	23110	18.08	22202	16.40
Previous Check [b]	14537	8.51	50695	11.76	23653	18.08	21288	16.39
Check Std [c]	16888	8.51	61692	11.76	26497	18.08	23923	16.39
Upper Limit [d]	33776	9.01	123384	12.26	52994	18.58	47846	16.89
Lower Limit [e]	8444	8.01	30846	11.26	13249	17.58	11962	15.89

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	Surr 3 AREA	RT	Surr 4 AREA	RT
V3B1100-MB1	15847	8.51	58791	11.77	21192	18.09	19240	16.39
V3B1100-BS	14129	8.51	56764	11.76	24402	18.08	21602	16.40
J65148-2	14714	8.50	58226	11.76	21397	18.08	19668	16.40
ZZZZZZ	15400	8.51	58133	11.76	20883	18.08	18764	16.40
ZZZZZZ	14883	8.51	57312	11.77	20655	18.08	19214	16.40
ZZZZZZ	17440	8.50	59546	11.77	21202	18.08	19752	16.39
ZZZZZZ	17800	8.51	57775	11.77	21229	18.08	19243	16.40
ZZZZZZ	14568	8.51	57802	11.77	20494	18.09	18497	16.39
J65148-2MS	14708	8.51	58552	11.76	25042	18.08	23037	16.39
ZZZZZZ	16389	8.50	60692	11.76	21773	18.09	19784	16.40
J65091-1	15705	8.50	63858	11.76	23033	18.08	20671	16.39
ZZZZZZ	15376	8.51	57641	11.77	20678	18.09	18357	16.39
J65706-7	15266	8.50	56953	11.77	20040	18.08	17880	16.40
J65706-7DUP	15172	8.51	56137	11.77	19985	18.08	17296	16.40

IS 1 = Tert Butyl Alcohol-D9
IS 2 = Fluorobenzene
Surr 3 = 1,2-Dichlorobenzene-d4
Surr 4 = 4-Bromofluorobenzene

(a) Initial Cal is: V3B1080-ICC1080 3B24960.D 06/29/07 11:21
(b) Previous Check is: V3B1099-CC1080 3B25286.D 07/11/07 11:49
(c) Check Std Lower Limit = -30% of previous check area; -50% of initial cal area.
(d) Upper Limit = +100% of check standard area; Retention time +0.5 minutes.
(e) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.

Volatile Surrogate Recovery Summary

Job Number: J65091
Account: EPMNYLS Environmental Planning and Management
Project: Katonah, Katonah, NY

Method: EPA 524.2 REV 4.1 Matrix: AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2
J65091-1	3B25322.D	100.0	92.0
J65091-1	3B25292.D	96.0	84.0
J65091-2	3B25294.D	96.0	84.0
J65091-3	3B25254.D	98.0	88.0
J65091-4	3B25295.D	100.0	94.0
J65091-8	3B25296.D	99.0	101.0
J65091-1MS	3B25293.D	120.0	106.0
J65091-3MS	3B25261.D	120.0	106.0
J65091-3MSD	3B25262.D	113.0	102.0
J65148-2MS	3B25317.D	118.0	112.0
J65706-7DUP	3B25319.D	98.0	88.0
J65809-1DUP	3B25291.D	96.0	84.0
V3B1097-BS	3B25250.D	116.0	106.0
V3B1097-MB1	3B25249.D	99.0	89.0
V3B1099-BS	3B25289.D	121.0	112.0
V3B1099-MB	3B25288.D	99.0	86.0
V3B1100-BS	3B25308.D	119.0	108.0
V3B1100-MB1	3B25307.D	100.0	93.0

Surrogate Compounds	Recovery Limits
S1 = 1,2-Dichlorobenzene-d4	74-123%
S2 = 4-Bromofluorobenzene	71-123%

Initial Calibration Summary

Job Number: J65091 **Sample:** V3B1080-ICC1080
Account: EPMNYLS Environmental Planning and Management **Lab FileID:** 3B24960.D
Project: Katonah, Katonah, NY

Response Factor Report MS3B

Method : C:\MSDCHEM\1\METHODS\M3B1080.M (RTE Integrator)
Title : method 524
Last Update : Fri Jun 29 13:38:44 2007
Response via : Initial Calibration

Calibration Files
0.5 =3B24963.D 5 =3B24960.D 10 =3B24959.D 1 =3B24962.D
20 =3B24958.D 40 =3B24957.D 2 =3B24961.D

Compound	0.5	5	10	1	20	40	2	Avg	%RSD
1) I Tert Butyl Alcohol-d9	----------ISTD----------								
2)M TERTIARY BUTYL AL		1.276	1.237	1.280	1.268	1.257	1.234	1.259	1.55
3) I FLUOROBENZENE	----------ISTD----------								
4)S 4-BROMOFLUOROBENZ	0.339	0.350	0.343	0.338	0.363	0.393	0.338	0.352	5.73
5)S 1,2-DICHLOROBENZE	0.339	0.364	0.367	0.343	0.371	0.400	0.347	0.362	5.87
6)M DICHLORODIFLUOROM	0.195	0.282	0.281	0.262	0.290	0.301	0.300	0.273	13.54
7)M CHLOROMETHANE	0.391	0.375	0.363	0.397	0.370	0.381	0.398	0.382	3.61
8)M VINYL CHLORIDE	0.400	0.329	0.314	0.379	0.319	0.314	0.370	0.347	10.27
9)M BROMOMETHANE	0.185	0.175	0.174	0.175	0.171	0.162	0.189	0.176	5.06
10)M CHLOROETHANE	0.112	0.162	0.160	0.144	0.163	0.164	0.154	0.151	12.36
11)M TRICHLOROFLUOROME	0.229	0.333	0.331	0.318	0.344	0.344	0.341	0.320	12.84
12)M ETHYL ETHER	0.182	0.180	0.184	0.177	0.182	0.185	0.185	0.182	1.55
13)M ACROLEIN	0.071	0.072	0.072	0.067	0.073	0.074	0.071	0.071	3.08
14)M 1,1-DICHLOROETHYL	0.202	0.216	0.217	0.218	0.211	0.211	0.216	0.213	2.74
15)M FREON 113		0.167	0.162	0.132	0.158	0.151	0.147	0.153	8.28
16)M ACETONE	0.033	0.043	0.041	0.038	0.042	0.042	0.039	0.040	9.12
17)M IODOMETHANE	0.181	0.253	0.258	0.226	0.254	0.254	0.235	0.237	11.53
18)M CARBON DISULFIDE	0.772	0.682	0.668	0.734	0.660	0.696	0.704	0.702	5.61
19)M METHYL ACETATE	0.292	0.288	0.276	0.298	0.277	0.282	0.282	0.285	2.88
20)M ALLYL CHLORIDE	0.115	0.143	0.145	0.133	0.144	0.138	0.137	0.136	7.56
21)M METHYLENE CHLORID	0.256	0.258	0.258	0.266	0.257	0.251	0.261	0.258	1.84
22)M ACRYLONITRILE	0.113	0.119	0.114	0.115	0.114	0.117	0.117	0.116	1.74
23)M METHYL TERT BUTYL	0.747	0.774	0.781	0.787	0.775	0.762	0.787	0.773	1.87
24)M trans-1,2-DICHLOR	0.352	0.343	0.336	0.373	0.330	0.344	0.364	0.349	4.45
25)M HEXANE	0.281	0.298	0.282	0.263	0.287	0.300	0.276	0.284	4.43
26)M 1,1-DICHLOROETHAN	0.466	0.475	0.470	0.487	0.460	0.472	0.477	0.472	1.84
27)M DI-ISOPROPYL ETHE	0.913	0.886	0.850	0.871	0.862	0.854	0.866	0.872	2.50
28)M ETHYL TERT-BUTYL	0.834	0.826	0.808	0.802	0.814	0.799	0.794	0.811	1.81
29)M 2-BUTANONE	0.023	0.038	0.038	0.033	0.039	0.038	0.035	0.035	16.17
30)M 2,2-DICHLOROPROPA	0.373	0.349	0.357	0.345	0.361	0.372	0.352	0.358	2.99
31)M cis-1,2-DICHLOROE	0.450	0.448	0.444	0.459	0.441	0.452	0.453	0.449	1.30
32)M PROPIONITRILE	0.045	0.049	0.047	0.047	0.047	0.048	0.049	0.048	3.21
33)M METHYLACRYLATE	0.343	0.364	0.366	0.357	0.365	0.373	0.368	0.362	2.74
34)M METHACRYLONITRILE	0.196	0.197	0.200	0.218	0.198	0.205	0.202	0.202	3.82
35)M BROMOCHLOROMETHAN	0.098	0.125	0.126	0.116	0.122	0.120	0.122	0.118	8.15
36)M CHLOROFORM	0.446	0.445	0.445	0.455	0.438	0.438	0.453	0.446	1.49
37)M TETRAHYDROFURAN	0.150	0.109	0.108	0.123	0.105	0.108	0.116	0.117	13.41
38)M 1,1,1-TRICHLOROET	0.352	0.371	0.366	0.368	0.370	0.378	0.364	0.367	2.15
39)M CYCLOHEXANE	0.318	0.371	0.367	0.367	0.364	0.369	0.362	0.360	5.13
40)M 1-CHLOROBUTANE	0.371	0.528	0.538	0.430	0.567	0.563	0.473	0.496	14.92
41)M 1,1-DICHLOROPROPE	0.342	0.349	0.339	0.341	0.335	0.345	0.345	0.342	1.36
42)M CARBON TETRACHLOR	0.249	0.311	0.317	0.299	0.316	0.324	0.291	0.301	8.46
43)M 1,2-DICHLOROETHAN	0.314	0.327	0.320	0.330	0.317	0.324	0.336	0.324	2.32
44)M BENZENE	1.076	1.047	1.038	1.079	1.019	1.014	1.065	1.048	2.51
45)M TERT AMYL METHYL	0.806	0.788	0.779	0.777	0.774	0.747	0.776	0.778	2.28

Initial Calibration Summary

Job Number: J65091 **Sample:** V3B1080-ICC1080
Account: EPMNYLS Environmental Planning and Management **Lab FileID:** 3B24960.D
Project: Katonah, Katonah, NY

46)M TRICHLOROETHYLENE	0.270	0.270	0.265	0.271	0.264	0.266	0.274	0.269	1.39
47)M METHYLCYCLOHEXANE	0.345	0.407	0.388	0.359	0.390	0.396	0.367	0.379	5.86
48)M METHYL METHACRYLA	0.209	0.218	0.223	0.212	0.225	0.225	0.217	0.219	2.85
49)M 1,2-DICHLOROPROPA	0.295	0.288	0.284	0.296	0.283	0.284	0.288	0.288	1.75
50)M DIBROMOMETHANE	0.157	0.165	0.165	0.163	0.161	0.164	0.165	0.163	1.93
51)M BROMODICHLOROMETH	0.310	0.334	0.340	0.315	0.348	0.352	0.326	0.332	4.77
52)M CHLOROACETONITRIL		0.013	0.014	0.011	0.014	0.015	0.013	0.013	11.63
53)M 2-NITROPROPANE	0.120	0.107	0.103	0.108	0.105	0.110	0.108	0.109	4.84
54)M 2-CHLOROETHYL VIN	0.085	0.110	0.117	0.084	0.124	0.136	0.099	0.108	18.05
55)M cis-1,3-DICHLOROP	0.421	0.440	0.452	0.423	0.454	0.466	0.441	0.442	3.71
56)M 4-METHYL-2-PENTAN	0.114	0.135	0.132	0.125	0.134	0.136	0.121	0.128	6.45
57)M 1,1-DICHLOROPROPA	0.170	0.139	0.141	0.148	0.140	0.157	0.157	0.150	7.58
58)M TOLUENE	0.646	0.650	0.655	0.639	0.650	0.659	0.654	0.650	1.02
59)M trans-1,3-DICHLOR	0.374	0.391	0.400	0.377	0.405	0.422	0.385	0.393	4.25
60)M ETHYL METHACRYLAT	0.339	0.395	0.403	0.373	0.408	0.423	0.369	0.387	7.34
61)M 1,1,2-TRICHLOROET	0.202	0.216	0.226	0.212	0.224	0.226	0.222	0.218	3.99
62)M 1,3-DICHLOROPROPA	0.428	0.426	0.427	0.447	0.424	0.425	0.440	0.431	2.07
63)M 2-HEXANONE	0.108	0.135	0.131	0.122	0.137	0.139	0.120	0.127	8.75
64)M TETRACHLOROETHYLE	0.374	0.347	0.337	0.380	0.330	0.326	0.366	0.351	6.25
65)M DIBROMOCHLOROMETH	0.226	0.255	0.269	0.231	0.278	0.289	0.242	0.256	9.46
66)M 1,2-DIBROMOETHANE	0.239	0.264	0.267	0.256	0.271	0.277	0.260	0.262	4.65
67)M CHLOROBENZENE	0.737	0.736	0.752	0.723	0.747	0.769	0.725	0.741	2.19
68)M 1,1,1,2-TETRACHLO	0.232	0.256	0.265	0.247	0.265	0.268	0.253	0.255	5.00
69)M ETHYLBENZENE	1.183	1.210	1.208	1.185	1.208	1.243	1.202	1.206	1.67
70)M m,p-XYLENE	0.453	0.481	0.475	0.459	0.477	0.487	0.469	0.472	2.52
71)M o-XYLENE	0.470	0.489	0.493	0.458	0.499	0.510	0.482	0.486	3.62
72)M STYRENE	0.685	0.762	0.778	0.700	0.795	0.811	0.737	0.752	6.31
73)M BROMOFORM	0.148	0.191	0.204	0.169	0.220	0.229	0.179	0.191	14.87
74)M ISOPROPYLBENZENE	1.020	1.036	1.046	1.029	1.040	1.071	1.029	1.039	1.59
75)M BROMOBENZENE	0.304	0.320	0.320	0.314	0.323	0.327	0.318	0.318	2.30
76)M 1,1,2,2-TETRACHLO	0.326	0.360	0.364	0.338	0.372	0.385	0.352	0.357	5.56
77)M TRANS-1,4-DICHLOR	0.094	0.101	0.102	0.081	0.108	0.118	0.094	0.100	11.87
78)M 1,2,3-TRICHLOROPR	0.078	0.097	0.098	0.094	0.100	0.102	0.101	0.096	8.49
79)M n-PROPYLBENZENE	1.334	1.398	1.411	1.350	1.421	1.493	1.361	1.396	3.86
80)M O-CHLOROTOLUENE	0.922	0.948	0.935	0.948	0.937	0.976	0.949	0.945	1.76
81)M 1,3,5-TRIMETHYLBE	0.872	0.934	0.942	0.894	0.947	0.995	0.896	0.926	4.50
82)M P-CHLOROTOLUENE	0.852	0.845	0.844	0.834	0.857	0.894	0.855	0.855	2.26
83)M tert-BUTYLBENZENE	0.827	0.858	0.865	0.866	0.878	0.918	0.838	0.864	3.44
84)M 1,2,4-TRIMETHYLBE	0.880	0.934	0.941	0.906	0.940	0.991	0.928	0.931	3.65
85)M PENTACHLOROETHANE	0.123	0.166	0.176	0.135	0.183	0.195	0.150	0.161	16.39
86)M sec-BUTYLBENZENE	1.156	1.241	1.247	1.176	1.262	1.345	1.202	1.233	5.10
87)M p-ISOPROPYLTOLUEN	0.908	0.977	0.990	0.925	1.000	1.079	0.951	0.976	5.80
88)M M-DICHLOROBENZENE	0.587	0.589	0.599	0.577	0.609	0.632	0.591	0.598	3.01
89)M P-DICHLOROBENZENE	0.606	0.603	0.604	0.585	0.608	0.633	0.605	0.606	2.31
90)M n-BUTYLBENZENE	0.835	0.842	0.852	0.816	0.857	0.940	0.846	0.855	4.62
91)M O-DICHLOROBENZENE	0.599	0.583	0.585	0.574	0.587	0.600	0.576	0.586	1.69
92)M HEXACHLOROETHANE	0.109	0.152	0.167	0.110	0.180		0.130	0.141	20.89
93)M 1,2-DIBROMO-3-CHL		0.062	0.063	0.045	0.067	0.070	0.054	0.060	15.08
94)M NITROBENZENE	0.024	0.027	0.031	0.023	0.034		0.025	0.027	15.90
95)M 1,2,4-TRICHLOROBE	0.398	0.388	0.400	0.381	0.405	0.418	0.396	0.398	3.03
96)M HEXACHLOROBUTADIE	0.160	0.188	0.192	0.171	0.195	0.206	0.182	0.185	8.28
97)M NAPHTHALENE	1.211	1.113	1.116	1.148	1.091	1.032	1.173	1.126	5.16
98)M 1,2,3-TRICHLOROBE	0.366	0.383	0.387	0.388	0.392	0.393	0.393	0.386	2.46

(#) = Out of Range

M3B1080.M Fri Jun 29 15:43:05 2007 MS3B

Initial Calibration Verification

Job Number: J65091 **Sample:** V3B1080-ICV1080
Account: EPMNYLS Environmental Planning and Management **Lab FileID:** 3B24964.D
Project: Katonah, Katonah, NY

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\3B24964.D Vial: 10
Acq On : 29 Jun 2007 1:38 pm Operator: mei
Sample : icv1080-10 Inst : MS3B
Misc : MS50624,V3B1080,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\MSDCHEM\1\METHODS\M3B1080.M (RTE Integrator)
Title : method 524
Last Update : Fri Jun 29 13:38:44 2007
Response via : Multiple Level Calibration

Min. RRF : 0.010 Min. Rel. Area : 50% Max. R.T. Dev 0.30min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	Tert Butyl Alcohol-d9	1.000	1.000	0.0	84	0.00	8.51
2	M	TERTIARY BUTYL ALCOHOL	1.259	1.221	3.0	83	0.00	8.64
3	I	FLUOROBENZENE	1.000	1.000	0.0	89	0.00	11.77
4	S	4-BROMOFLUOROBENZENE (S)	0.352	0.364	-3.4	94	0.00	16.40
5	S	1,2-DICHLOROBENZENE-d4 (S	0.362	0.383	-5.8	92	0.00	18.09
6	M	DICHLORODIFLUOROMETHANE	0.273	0.309	-13.2	97	0.00	4.40
7	M	CHLOROMETHANE	0.382	0.408	-6.8	100	0.00	4.89
8	M	VINYL CHLORIDE	0.347	0.335	3.5	94	0.00	5.16
9	M	BROMOMETHANE	0.176	0.170	3.4	87	0.00	5.96
10	M	CHLOROETHANE	0.151	0.168	-11.3	93	0.00	6.17
11	M	TRICHLOROFLUOROMETHANE	0.320	0.335	-4.7	90	0.00	6.68
12	M	ETHYL ETHER	0.182	0.193	-6.0	93	0.00	7.20
13	M	ACROLEIN	0.071	0.048	32.4#	59	0.00	7.53
14	M	1,1-DICHLOROETHYLENE	0.213	0.211	0.9	86	0.00	7.68
15	M	FREON 113	0.153	0.141	7.8	77	0.00	7.62
16	M	ACETONE	0.040	0.042	-5.0	90	0.00	7.79
17	M	IODOMETHANE	0.237	0.257	-8.4	88	0.00	8.01
18	M	CARBON DISULFIDE	0.702	0.657	6.4	87	0.00	8.14
19	M	METHYL ACETATE	0.285	0.275	3.5	89	0.00	8.31
20	M	ALLYL CHLORIDE	0.136	0.139	-2.2	85	0.00	8.31
21	M	METHYLENE CHLORIDE	0.258	0.259	-0.4	89	0.00	8.54
22	M	ACRYLONITRILE	0.116	0.121	-4.3	94	0.00	8.93
23	M	METHYL TERT BUTYL ETHER	0.773	0.792	-2.5	90	0.00	8.86
24	M	trans-1,2-DICHLOROETHYLEN	0.349	0.357	-2.3	94	0.00	8.93
25	M	HEXANE	0.284	0.261	8.1	82	0.00	9.23
26	M	1,1-DICHLOROETHANE	0.472	0.493	-4.4	93	0.00	9.57
27	M	DI-ISOPROPYL ETHER	0.872	0.848	2.8	88	0.00	9.50
28	M	ETHYL TERT-BUTYL ETHER	0.811	0.786	3.1	86	0.00	10.01
29	M	2-BUTANONE	0.035	0.035	0.0	82	0.00	10.34
30	M	2,2-DICHLOROPROPANE	0.358	0.338	5.6	84	0.00	10.35
31	M	cis-1,2-DICHLOROETHYLENE	0.449	0.450	-0.2	90	0.00	10.36
32	M	PROPIONITRILE	0.048	0.049	-2.1	92	0.00	10.48
33	M	METHYLACRYLATE	0.362	0.368	-1.7	89	0.00	10.43
34	M	METHACRYLONITRILE	0.202	0.205	-1.5	91	0.00	10.65
35	M	BROMOCHLOROMETHANE	0.118	0.125	-5.9	88	0.00	10.70
36	M	CHLOROFORM	0.446	0.452	-1.3	90	0.00	10.76
37	M	TETRAHYDROFURAN	0.117	0.113	3.4	93	0.00	10.74
38	M	1,1,1-TRICHLOROETHANE	0.367	0.377	-2.7	91	0.00	11.00
39	M	CYCLOHEXANE	0.360	0.344	4.4	83	0.00	11.05
40	M	1-CHLOROBUTANE	0.496	0.495	0.2	82	0.00	12.00
41	M	1,1-DICHLOROPROPENE	0.342	0.340	0.6	89	0.00	11.18

Initial Calibration Verification

Job Number: J65091
Account: EPMNYLS Environmental Planning and Management
Project: Katonah, Katonah, NY

Sample: V3B1080-ICV1080
Lab FileID: 3B24964.D

42	M	CARBON TETRACHLORIDE	0.301	0.322	-7.0	90	0.00	11.20
43	M	1,2-DICHLOROETHANE	0.324	0.347	-7.1	96	0.00	11.50
44	M	BENZENE	1.048	1.086	-3.6	93	0.00	11.47
45	M	TERT AMYL METHYL ETHER	0.778	0.739	5.0	84	0.00	11.47
46	M	TRICHLOROETHYLENE	0.269	0.266	1.1	89	0.00	12.20
47	M	METHYLCYCLOHEXANE	0.379	0.362	4.5	83	0.00	12.40
48	M	METHYL METHACRYLATE	0.219	0.233	-6.4	93	0.00	12.48
49	M	1,2-DICHLOROPROPANE	0.288	0.296	-2.8	92	0.00	12.49
50	M	DIBROMOMETHANE	0.163	0.169	-3.7	91	0.00	12.66
51	M	BROMODICHLOROMETHANE	0.332	0.345	-3.9	90	0.00	12.79
52	M	CHLOROACETONITRILE	0.013	0.014	-7.7	89	0.00	13.04
53	M	2-NITROPROPANE	0.109	0.109	0.0	93	0.00	13.04
54	M	2-CHLOROETHYL VINYL ETHER	0.108	0.109	-0.9	82	0.00	13.02
55	M	cis-1,3-DICHLOROPROPENE	0.442	0.445	-0.7	87	0.00	13.26
56	M	4-METHYL-2-PENTANONE	0.128	0.126	1.6	85	0.00	13.35
57	M	1,1-DICHLOROPROPANONE	0.150	0.145	3.3	91	0.00	13.50
58	M	TOLUENE	0.650	0.671	-3.2	91	0.00	13.63
59	M	trans-1,3-DICHLOROPROPENE	0.393	0.401	-2.0	89	0.00	13.86
60	M	ETHYL METHACRYLATE	0.387	0.372	3.9	82	0.00	13.82
61	M	1,1,2-TRICHLOROETHANE	0.218	0.224	-2.8	88	0.00	14.09
62	M	1,3-DICHLOROPROPANE	0.431	0.442	-2.6	92	0.00	14.28
63	M	2-HEXANONE	0.127	0.125	1.6	85	0.00	14.25
64	M	TETRACHLOROETHYLENE	0.351	0.338	3.7	89	0.00	14.24
65	M	DIBROMOCHLOROMETHANE	0.256	0.266	-3.9	88	0.00	14.57
66	M	1,2-DIBROMOETHANE	0.262	0.269	-2.7	89	0.00	14.73
67	M	CHLOROBENZENE	0.741	0.742	-0.1	87	0.00	15.20
68	M	1,1,1,2-TETRACHLOROETHANE	0.255	0.261	-2.4	87	0.00	15.26
69	M	ETHYLBENZENE	1.206	1.260	-4.5	92	0.00	15.24
70	M	m,p-XYLENE	0.472	0.479	-1.5	89	0.00	15.35
71	M	o-XYLENE	0.486	0.486	0.0	87	0.00	15.80
72	M	STYRENE	0.752	0.790	-5.1	90	0.00	15.82
73	M	BROMOFORM	0.191	0.200	-4.7	87	0.00	16.13
74	M	ISOPROPYLBENZENE	1.039	1.094	-5.3	93	0.00	16.16
75	M	BROMOBENZENE	0.318	0.333	-4.7	92	0.00	16.61
76	M	1,1,2,2-TETRACHLOROETHANE	0.357	0.372	-4.2	91	0.00	16.52
77	M	TRANS-1,4-DICHLORO-2-BUTE	0.100	0.098	2.0	85	0.00	16.56
78	M	1,2,3-TRICHLOROPROPANE	0.096	0.091	5.2	82	0.00	16.60
79	M	n-PROPYLBENZENE	1.396	1.450	-3.9	91	0.00	16.59
80	M	O-CHLOROTOLUENE	0.945	0.962	-1.8	91	0.00	16.76
81	M	1,3,5-TRIMETHYLBENZENE	0.926	0.966	-4.3	91	0.00	16.74
82	M	P-CHLOROTOLUENE	0.855	0.854	0.1	90	0.00	16.87
83	M	tert-BUTYLBENZENE	0.864	0.860	0.5	88	0.00	17.13
84	M	1,2,4-TRIMETHYLBENZENE	0.931	0.964	-3.5	91	0.00	17.17
85	M	PENTACHLOROETHANE	0.161	0.169	-5.0	85	0.00	17.24
86	M	sec-BUTYLBENZENE	1.233	1.232	0.1	88	0.00	17.35
87	M	p-ISOPROPYLTOLUENE	0.976	0.972	0.4	87	0.00	17.47
88	M	M-DICHLOROBENZENE	0.598	0.585	2.2	87	0.00	17.59
89	M	P-DICHLOROBENZENE	0.606	0.593	2.1	87	0.00	17.67
90	M	n-BUTYLBENZENE	0.855	0.843	1.4	88	0.00	17.93
91	M	O-DICHLOROBENZENE	0.586	0.577	1.5	87	0.00	18.11
92	M	HEXACHLOROETHANE	0.141	0.154	-9.2	81	0.00	18.38
93	M	1,2-DIBROMO-3-CHLOROPROPA	0.060	0.061	-1.7	86	0.00	18.97
94	M	NITROBENZENE	0.027	0.026	3.7	76	0.00	19.21
95	M	1,2,4-TRICHLOROBENZENE	0.398	0.377	5.3	84	0.00	19.88
96	M	HEXACHLOROBUTADIENE	0.185	0.180	2.7	83	0.00	19.99
97	M	NAPHTHALENE	1.126	0.979	13.1	78	0.00	20.23
98	M	1,2,3-TRICHLOROBENZENE	0.386	0.358	7.3	82	0.00	20.52

Job Number: J65091
Account: EPMNYLS Environmental Planning and Management
Project: Katonah, Katonah, NY
Sample: V3B1080-ICV1080
Lab FileID: 3B24964.D

(#) = Out of Range SPCC's out = 0 CCC's out = 0
3B24959.D M3B1080.M Fri Jun 29 15:43:07 2007 MS3B

5.9

Continuing Calibration Summary

Job Number: J65091 **Sample:** V3B1097-CC1080
Account: EPMNYLS Environmental Planning and Management **Lab FileID:** 3B25247.D
Project: Katonah, Katonah, NY

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\3B25247.D Vial: 2
Acq On : 10 Jul 2007 9:44 am Operator: mei
Sample : cc1080-10 Inst : MS3B
Misc : MS50832,V3B1097,W,,,,1 Multiplr: 1.00
MS Integration Params: lscint.p

Method : C:\MSDCHEM\1\METHODS\M3B1080.M (RTE Integrator)
Title : method 524
Last Update : Wed Jul 11 06:25:51 2007
Response via : Multiple Level Calibration

Min. RRF : 0.010 Min. Rel. Area : 50% Max. R.T. Dev 0.30min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	Tert Butyl Alcohol-d9	1.000	1.000	0.0	69	-0.01	8.50
2	M	TERTIARY BUTYL ALCOHOL	1.259	1.257	0.2	71	0.00	8.64
3	I	FLUOROBENZENE	1.000	1.000	0.0	83	0.00	11.77
4	S	4-BROMOFLUOROBENZENE (S)	0.352	0.419	-19.0	102	0.00	16.39
5	S	1,2-DICHLOROBENZENE-d4 (S	0.362	0.467	-29.0	105	0.00	18.08
6	M	DICHLORODIFLUOROMETHANE	0.273	0.341	-24.9	100	0.00	4.39
7	M	CHLOROMETHANE	0.382	0.321	16.0	74	0.00	4.89
8	M	VINYL CHLORIDE	0.347	0.286	17.6	76	0.00	5.16
9	M	BROMOMETHANE	0.176	0.148	15.9	71	0.01	5.96
10	M	CHLOROETHANE	0.151	0.153	-1.3	79	0.00	6.17
11	M	TRICHLOROFLUOROMETHANE	0.320	0.439	-37.2#	110	0.00	6.67
12	M	ETHYL ETHER	0.182	0.159	12.6	72	0.00	7.20
13	M	ACROLEIN	0.071	0.064	9.9	73	0.00	7.53
14	M	1,1-DICHLOROETHYLENE	0.213	0.212	0.5	81	0.00	7.69
15	M	FREON 113	0.153	0.201	-31.4#	103	0.00	7.61
16	M	ACETONE	0.040	0.039	2.5	78	0.00	7.79
17	M	IODOMETHANE	0.237	0.250	-5.5	80	0.00	8.02
18	M	CARBON DISULFIDE	0.702	0.686	2.3	85	-0.01	8.13
19	M	METHYL ACETATE	0.285	0.230	19.3	69	0.00	8.31
20	M	ALLYL CHLORIDE	0.136	0.137	-0.7	78	0.00	8.31
21	M	METHYLENE CHLORIDE	0.258	0.259	-0.4	83	0.00	8.53
22	M	ACRYLONITRILE	0.116	0.106	8.6	77	0.00	8.93
23	M	METHYL TERT BUTYL ETHER	0.773	0.748	3.2	80	0.00	8.86
24	M	trans-1,2-DICHLOROETHYLEN	0.349	0.358	-2.6	88	0.00	8.93
25	M	HEXANE	0.284	0.316	-11.3	93	0.00	9.23
26	M	1,1-DICHLOROETHANE	0.472	0.491	-4.0	87	0.00	9.57
27	M	DI-ISOPROPYL ETHER	0.872	0.776	11.0	76	0.00	9.51
28	M	ETHYL TERT-BUTYL ETHER	0.811	0.761	6.2	78	0.00	10.01
29	M	2-BUTANONE	0.035	0.033	5.7	73	0.00	10.34
30	M	2,2-DICHLOROPROPANE	0.358	0.468	-30.7#	109	0.00	10.34
31	M	cis-1,2-DICHLOROETHYLENE	0.449	0.478	-6.5	89	0.00	10.36
32	M	PROPIONITRILE	0.048	0.045	6.3	78	0.00	10.47
33	M	METHYLACRYLATE	0.362	0.320	11.6	73	0.00	10.43
34	M	METHACRYLONITRILE	0.202	0.178	11.9	74	-0.01	10.65
35	M	BROMOCHLOROMETHANE	0.118	0.137	-16.1	90	0.00	10.70
36	M	CHLOROFORM	0.446	0.521	-16.8	97	0.00	10.76
37	M	TETRAHYDROFURAN	0.117	0.088	24.8	68	0.00	10.74
38	M	1,1,1-TRICHLOROETHANE	0.367	0.471	-28.3	107	0.00	11.00
39	M	CYCLOHEXANE	0.360	0.330	8.3	75	0.00	11.05
40	M	1-CHLOROBUTANE	0.496	0.457	7.9	71	0.00	12.00
41	M	1,1-DICHLOROPROPENE	0.342	0.348	-1.8	85	0.00	11.18

Continuing Calibration Summary

Job Number: J65091 Sample: V3B1097-CC1080
Account: EPMNYLS Environmental Planning and Management Lab FileID: 3B25247.D
Project: Katonah, Katonah, NY

42 M	CARBON TETRACHLORIDE	0.301	0.425	-41.2#	111	0.00	11.20
43 M	1,2-DICHLOROETHANE	0.324	0.426	-31.5#	110	0.00	11.50
44 M	BENZENE	1.048	1.029	1.8	82	0.00	11.46
45 M	TERT AMYL METHYL ETHER	0.778	0.774	0.5	82	-0.01	11.47
46 M	TRICHLOROETHYLENE	0.269	0.276	-2.6	87	0.00	12.20
47 M	METHYLCYCLOHEXANE	0.379	0.403	-6.3	86	0.00	12.40
48 M	METHYL METHACRYLATE	0.219	0.195	11.0	73	0.00	12.47
49 M	1,2-DICHLOROPROPANE	0.288	0.279	3.1	81	0.00	12.49
50 M	DIBROMOMETHANE	0.163	0.191	-17.2	96	0.00	12.66
51 M	BROMODICHLOROMETHANE	0.332	0.413	-24.4	101	0.00	12.79
52 M	CHLOROACETONITRILE	0.013	0.015	-15.4	91	0.00	13.04
53 M	2-NITROPROPANE	0.109	0.131	-20.2	105	0.00	13.04
54 M	2-CHLOROETHYL VINYL ETHER	0.108	0.140	-29.6	99	0.00	13.02
55 M	cis-1,3-DICHLOROPROPENE	0.442	0.462	-4.5	85	0.00	13.26
56 M	4-METHYL-2-PENTANONE	0.128	0.116	9.4	73	0.00	13.35
57 M	1,1-DICHLOROPROPANONE	0.150	0.149	0.7	87	0.00	13.49
58 M	TOLUENE	0.650	0.646	0.6	82	0.00	13.63
59 M	trans-1,3-DICHLOROPROPENE	0.393	0.465	-18.3	97	0.00	13.86
60 M	ETHYL METHACRYLATE	0.387	0.334	13.7	69	0.00	13.81
61 M	1,1,2-TRICHLOROETHANE	0.218	0.235	-7.8	86	0.00	14.09
62 M	1,3-DICHLOROPROPANE	0.431	0.463	-7.4	90	0.00	14.28
63 M	2-HEXANONE	0.127	0.111	12.6	70	0.00	14.25
64 M	TETRACHLOROETHYLENE	0.351	0.369	-5.1	91	0.00	14.24
65 M	DIBROMOCHLOROMETHANE	0.256	0.326	-27.3	101	0.00	14.56
66 M	1,2-DIBROMOETHANE	0.262	0.284	-8.4	88	0.00	14.72
67 M	CHLOROBENZENE	0.741	0.749	-1.1	83	0.00	15.20
68 M	1,1,1,2-TETRACHLOROETHANE	0.255	0.314	-23.1	98	0.00	15.26
69 M	ETHYLBENZENE	1.206	1.222	-1.3	84	0.00	15.24
70 M	m,p-XYLENE	0.472	0.501	-6.1	87	0.00	15.35
71 M	o-XYLENE	0.486	0.511	-5.1	86	0.00	15.80
72 M	STYRENE	0.752	0.791	-5.2	84	0.00	15.82
73 M	BROMOFORM	0.191	0.255	-33.5#	104	0.00	16.13
74 M	ISOPROPYLBENZENE	1.039	1.099	-5.8	87	0.00	16.16
75 M	BROMOBENZENE	0.318	0.368	-15.7	95	0.00	16.61
76 M	1,1,2,2-TETRACHLOROETHANE	0.357	0.398	-11.5	91	0.00	16.52
77 M	TRANS-1,4-DICHLORO-2-BUTE	0.100	0.121	-21.0	98	0.00	16.55
78 M	1,2,3-TRICHLOROPROPANE	0.096	0.121	-26.0	102	0.00	16.60
79 M	n-PROPYLBENZENE	1.396	1.530	-9.6	90	0.00	16.59
80 M	O-CHLOROTOLUENE	0.945	1.083	-14.6	96	0.00	16.76
81 M	1,3,5-TRIMETHYLBENZENE	0.926	1.009	-9.0	89	0.00	16.74
82 M	P-CHLOROTOLUENE	0.855	0.937	-9.6	92	0.00	16.87
83 M	tert-BUTYLBENZENE	0.864	0.923	-6.8	89	0.00	17.12
84 M	1,2,4-TRIMETHYLBENZENE	0.931	1.073	-15.3	95	0.00	17.17
85 M	PENTACHLOROETHANE	0.161	0.216	-34.2#	102	0.00	17.24
86 M	sec-BUTYLBENZENE	1.233	1.349	-9.4	90	0.00	17.35
87 M	p-ISOPROPYLTOLUENE	0.976	1.077	-10.3	90	0.00	17.47
88 M	M-DICHLOROBENZENE	0.598	0.703	-17.6	97	0.00	17.59
89 M	P-DICHLOROBENZENE	0.606	0.701	-15.7	96	0.00	17.67
90 M	n-BUTYLBENZENE	0.855	0.928	-8.5	90	0.00	17.92
91 M	O-DICHLOROBENZENE	0.586	0.694	-18.4	98	0.00	18.11
92 M	HEXACHLOROETHANE	0.141	0.202	-43.3#	100	0.00	18.38
93 M	1,2-DIBROMO-3-CHLOROPROPA	0.060	0.071	-18.3	93	0.00	18.97
94 M	NITROBENZENE	0.027	0.030	-11.1	82	0.00	19.21
95 M	1,2,4-TRICHLOROBENZENE	0.398	0.425	-6.8	88	0.00	19.88
96 M	HEXACHLOROBUTADIENE	0.185	0.224	-21.1	97	0.00	19.98
97 M	NAPHTHALENE	1.126	1.184	-5.2	88	0.00	20.23
98 M	1,2,3-TRICHLOROBENZENE	0.386	0.418	-8.3	90	0.00	20.53

Continuing Calibration Summary

Job Number:	J65091	**Sample:**	V3B1097-CC1080
Account:	EPMNYLS Environmental Planning and Management	**Lab FileID:**	3B25247.D
Project:	Katonah, Katonah, NY		

(#) = Out of Range SPCC's out = 0 CCC's out = 0

3B24959.D M3B1080.M Thu Jul 12 10:13:23 2007 MS3B

Continuing Calibration Summary

Job Number: J65091 **Sample:** V3B1099-CC1080
Account: EPMNYLS Environmental Planning and Management **Lab FileID:** 3B25286.D
Project: Katonah, Katonah, NY

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\3B25286.D Vial: 2
Acq On : 11 Jul 2007 11:49 am Operator: mei
Sample : CC1080-10 Inst : MS3B
Misc : MS50833,V3B1099,W,,,,1 Multiplr: 1.00
MS Integration Params: lscint.p

Method : C:\MSDCHEM\1\METHODS\M3B1080.M (RTE Integrator)
Title : method 524
Last Update : Wed Jul 11 06:25:51 2007
Response via : Multiple Level Calibration

Min. RRF : 0.010 Min. Rel. Area : 50% Max. R.T. Dev 0.30min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	Tert Butyl Alcohol-d9	1.000	1.000	0.0	74	0.00	8.51
2	M	TERTIARY BUTYL ALCOHOL	1.259	1.109	11.9	67	0.00	8.64
3	I	FLUOROBENZENE	1.000	1.000	0.0	79	0.00	11.76
4	S	4-BROMOFLUOROBENZENE (S)	0.352	0.420	-19.3	97	0.00	16.39
5	S	1,2-DICHLOROBENZENE-d4 (S	0.362	0.467	-29.0	100	0.00	18.08
6	M	DICHLORODIFLUOROMETHANE	0.273	0.340	-24.5	95	0.00	4.39
7	M	CHLOROMETHANE	0.382	0.322	15.7	70	0.00	4.89
8	M	VINYL CHLORIDE	0.347	0.287	17.3	72	0.00	5.16
9	M	BROMOMETHANE	0.176	0.134	23.9	61	0.00	5.95
10	M	CHLOROETHANE	0.151	0.153	-1.3	76	0.00	6.17
11	M	TRICHLOROFLUOROMETHANE	0.320	0.447	-39.7#	106	0.00	6.68
12	M	ETHYL ETHER	0.182	0.142	22.0	61	0.00	7.20
13	M	ACROLEIN	0.071	0.062	12.7	67	0.00	7.53
14	M	1,1-DICHLOROETHYLENE	0.213	0.196	8.0	71	0.00	7.68
15	M	FREON 113	0.153	0.170	-11.1	83	0.00	7.60
16	M	ACETONE	0.040	0.037	7.5	70	0.00	7.79
17	M	IODOMETHANE	0.237	0.229	3.4	70	0.00	8.01
18	M	CARBON DISULFIDE	0.702	0.634	9.7	75	0.00	8.14
19	M	METHYL ACETATE	0.285	0.268	6.0	77	0.00	8.31
20	M	ALLYL CHLORIDE	0.136	0.127	6.6	69	0.00	8.31
21	M	METHYLENE CHLORIDE	0.258	0.242	6.2	74	0.00	8.54
22	M	ACRYLONITRILE	0.116	0.103	11.2	71	0.00	8.93
23	M	METHYL TERT BUTYL ETHER	0.773	0.703	9.1	71	0.00	8.86
24	M	trans-1,2-DICHLOROETHYLEN	0.349	0.344	1.4	81	0.00	8.93
25	M	HEXANE	0.284	0.220	22.5	62	0.00	9.23
26	M	1,1-DICHLOROETHANE	0.472	0.479	-1.5	80	0.00	9.57
27	M	DI-ISOPROPYL ETHER	0.872	0.667	23.5	62	0.00	9.51
28	M	ETHYL TERT-BUTYL ETHER	0.811	0.672	17.1	66	0.00	10.01
29	M	2-BUTANONE	0.035	0.030	14.3	63	0.00	10.34
30	M	2,2-DICHLOROPROPANE	0.358	0.456	-27.4	101	0.00	10.34
31	M	cis-1,2-DICHLOROETHYLENE	0.449	0.448	0.2	79	0.00	10.36
32	M	PROPIONITRILE	0.048	0.043	10.4	72	0.00	10.47
33	M	METHYLACRYLATE	0.362	0.310	14.4	67	0.00	10.43
34	M	METHACRYLONITRILE	0.202	0.163	19.3	65	-0.01	10.65
35	M	BROMOCHLOROMETHANE	0.118	0.128	-8.5	80	0.00	10.70
36	M	CHLOROFORM	0.446	0.512	-14.8	91	0.00	10.75
37	M	TETRAHYDROFURAN	0.117	0.080	31.6#	58	0.00	10.74
38	M	1,1,1-TRICHLOROETHANE	0.367	0.461	-25.6	99	0.00	11.00
39	M	CYCLOHEXANE	0.360	0.293	18.6	63	0.00	11.05
40	M	1-CHLOROBUTANE	0.496	0.439	11.5	64	0.00	12.00
41	M	1,1-DICHLOROPROPENE	0.342	0.326	4.7	76	0.00	11.18

Continuing Calibration Summary

Job Number: J65091 Sample: V3B1099-CC1080
Account: EPMNYLS Environmental Planning and Management Lab FileID: 3B25286.D
Project: Katonah, Katonah, NY

42	M	CARBON TETRACHLORIDE	0.301	0.416	-38.2#	103	0.00	11.20
43	M	1,2-DICHLOROETHANE	0.324	0.412	-27.2	102	0.00	11.50
44	M	BENZENE	1.048	0.967	7.7	73	0.00	11.46
45	M	TERT AMYL METHYL ETHER	0.778	0.678	12.9	69	0.00	11.47
46	M	TRICHLOROETHYLENE	0.269	0.262	2.6	78	0.00	12.20
47	M	METHYLCYCLOHEXANE	0.379	0.315	16.9	64	0.00	12.40
48	M	METHYL METHACRYLATE	0.219	0.178	18.7	63	0.00	12.47
49	M	1,2-DICHLOROPROPANE	0.288	0.260	9.7	72	0.00	12.49
50	M	DIBROMOMETHANE	0.163	0.181	-11.0	86	0.00	12.66
51	M	BROMODICHLOROMETHANE	0.332	0.397	-19.6	92	0.00	12.79
52	M	CHLOROACETONITRILE	0.013	0.016	-23.1	90	0.00	13.04
53	M	2-NITROPROPANE	0.109	0.129	-18.3	98	0.00	13.04
54	M	2-CHLOROETHYL VINYL ETHER	0.108	0.117	-8.3	79	0.00	13.02
55	M	cis-1,3-DICHLOROPROPENE	0.442	0.429	2.9	75	0.00	13.26
56	M	4-METHYL-2-PENTANONE	0.128	0.109	14.8	65	0.00	13.35
57	M	1,1-DICHLOROPROPANONE	0.150	0.149	0.7	83	0.00	13.49
58	M	TOLUENE	0.650	0.600	7.7	72	0.00	13.63
59	M	trans-1,3-DICHLOROPROPENE	0.393	0.442	-12.5	87	0.00	13.85
60	M	ETHYL METHACRYLATE	0.387	0.310	19.9	61	0.00	13.82
61	M	1,1,2-TRICHLOROETHANE	0.218	0.215	1.4	75	0.00	14.09
62	M	1,3-DICHLOROPROPANE	0.431	0.428	0.7	79	0.00	14.28
63	M	2-HEXANONE	0.127	0.105	17.3	63	0.00	14.25
64	M	TETRACHLOROETHYLENE	0.351	0.344	2.0	80	0.00	14.24
65	M	DIBROMOCHLOROMETHANE	0.256	0.300	-17.2	88	0.00	14.56
66	M	1,2-DIBROMOETHANE	0.262	0.262	0.0	77	0.00	14.72
67	M	CHLOROBENZENE	0.741	0.714	3.6	75	0.00	15.20
68	M	1,1,1,2-TETRACHLOROETHANE	0.255	0.300	-17.6	89	0.00	15.26
69	M	ETHYLBENZENE	1.206	1.182	2.0	77	0.00	15.24
70	M	m,p-XYLENE	0.472	0.468	0.8	78	0.00	15.35
71	M	o-XYLENE	0.486	0.480	1.2	77	0.00	15.80
72	M	STYRENE	0.752	0.737	2.0	75	0.00	15.82
73	M	BROMOFORM	0.191	0.238	-24.6	92	0.00	16.13
74	M	ISOPROPYLBENZENE	1.039	1.048	-0.9	79	0.00	16.16
75	M	BROMOBENZENE	0.318	0.349	-9.7	86	0.00	16.61
76	M	1,1,2,2-TETRACHLOROETHANE	0.357	0.373	-4.5	81	0.00	16.51
77	M	TRANS-1,4-DICHLORO-2-BUTE	0.100	0.115	-15.0	88	0.00	16.55
78	M	1,2,3-TRICHLOROPROPANE	0.096	0.120	-25.0	96	0.00	16.60
79	M	n-PROPYLBENZENE	1.396	1.467	-5.1	82	0.00	16.59
80	M	O-CHLOROTOLUENE	0.945	1.041	-10.2	88	0.00	16.76
81	M	1,3,5-TRIMETHYLBENZENE	0.926	0.971	-4.9	81	0.00	16.74
82	M	P-CHLOROTOLUENE	0.855	0.904	-5.7	84	0.00	16.87
83	M	tert-BUTYLBENZENE	0.864	0.985	-14.0	90	0.00	17.12
84	M	1,2,4-TRIMETHYLBENZENE	0.931	1.006	-8.1	84	0.00	17.17
85	M	PENTACHLOROETHANE	0.161	0.199	-23.6	89	0.00	17.24
86	M	sec-BUTYLBENZENE	1.233	1.263	-2.4	80	0.00	17.35
87	M	p-ISOPROPYLTOLUENE	0.976	1.019	-4.4	81	0.00	17.47
88	M	M-DICHLOROBENZENE	0.598	0.664	-11.0	87	0.00	17.58
89	M	P-DICHLOROBENZENE	0.606	0.661	-9.1	86	0.00	17.67
90	M	n-BUTYLBENZENE	0.855	0.862	-0.8	80	0.00	17.92
91	M	O-DICHLOROBENZENE	0.586	0.642	-9.6	86	0.00	18.10
92	M	HEXACHLOROETHANE	0.141	0.206	-46.1#	97	0.00	18.38
93	M	1,2-DIBROMO-3-CHLOROPROPA	0.060	0.065	-8.3	81	0.00	18.97
94	M	NITROBENZENE	0.027	0.033	-22.2	85	0.00	19.21
95	M	1,2,4-TRICHLOROBENZENE	0.398	0.400	-0.5	79	0.00	19.88
96	M	HEXACHLOROBUTADIENE	0.185	0.214	-15.7	88	0.00	19.98
97	M	NAPHTHALENE	1.126	1.012	10.1	71	0.00	20.23
98	M	1,2,3-TRICHLOROBENZENE	0.386	0.388	-0.5	79	0.00	20.53

Continuing Calibration Summary

Job Number: J65091 **Sample:** V3B1099-CC1080
Account: EPMNYLS Environmental Planning and Management **Lab FileID:** 3B25286.D
Project: Katonah, Katonah, NY

(#) = Out of Range SPCC's out = 0 CCC's out = 0
3B24959.D M3B1080.M Thu Jul 12 15:19:51 2007 MS3B

Continuing Calibration Summary

Job Number: J65091 **Sample:** V3B1100-CC1080
Account: EPMNYLS Environmental Planning and Management **Lab FileID:** 3B25305.D
Project: Katonah, Katonah, NY

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\3B25305.D Vial: 2
Acq On : 12 Jul 2007 8:08 am Operator: mei
Sample : CC1080-5 Inst : MS3B
Misc : MS50833,V3B1100,W,,,,1 Multiplr: 1.00
MS Integration Params: lscint.p

Method : C:\MSDCHEM\1\METHODS\M3B1080.M (RTE Integrator)
Title : method 524
Last Update : Wed Jul 11 06:25:51 2007
Response via : Multiple Level Calibration

Min. RRF : 0.010 Min. Rel. Area : 50% Max. R.T. Dev 0.30min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	Tert Butyl Alcohol-d9	1.000	1.000	0.0	87	0.00	8.51
2	M	TERTIARY BUTYL ALCOHOL	1.259	1.369	-8.7	93	0.00	8.64
3	I	FLUOROBENZENE	1.000	1.000	0.0	97	0.00	11.76
4	S	4-BROMOFLUOROBENZENE (S)	0.352	0.388	-10.2	108	0.00	16.39
5	S	1,2-DICHLOROBENZENE-d4 (S	0.362	0.430	-18.8	115	0.00	18.08
6	M	DICHLORODIFLUOROMETHANE	0.273	0.577	-111.4#	199	0.00	4.39
7	M	CHLOROMETHANE	0.382	0.458	-19.9	119	0.00	4.89
8	M	VINYL CHLORIDE	0.347	0.405	-16.7	120	0.00	5.16
9	M	BROMOMETHANE	0.176	0.131	25.6	73	0.00	5.95
10	M	CHLOROETHANE	0.151	0.180	-19.2	108	0.00	6.17
11	M	TRICHLOROFLUOROMETHANE	0.320	0.557	-74.1#	162	0.00	6.68
12	M	ETHYL ETHER	0.182	0.157	13.7	85	-0.01	7.19
13	M	ACROLEIN	0.071	0.063	11.3	85	0.00	7.53
14	M	1,1-DICHLOROETHYLENE	0.213	0.222	-4.2	99	0.00	7.68
15	M	FREON 113	0.153	0.195	-27.5	113	0.00	7.62
16	M	ACETONE	0.040	0.039	2.5	86	0.00	7.80
17	M	IODOMETHANE	0.237	0.207	12.7	80	-0.01	8.01
18	M	CARBON DISULFIDE	0.702	0.656	6.6	93	0.00	8.14
19	M	METHYL ACETATE	0.285	0.222	22.1	75	0.00	8.31
20	M	ALLYL CHLORIDE	0.136	0.135	0.7	92	0.00	8.31
21	M	METHYLENE CHLORIDE	0.258	0.251	2.7	94	0.00	8.54
22	M	ACRYLONITRILE	0.116	0.102	12.1	83	0.00	8.93
23	M	METHYL TERT BUTYL ETHER	0.773	0.789	-2.1	99	0.00	8.86
24	M	trans-1,2-DICHLOROETHYLEN	0.349	0.353	-1.1	100	0.00	8.93
25	M	HEXANE	0.284	0.301	-6.0	98	0.00	9.23
26	M	1,1-DICHLOROETHANE	0.472	0.486	-3.0	99	0.00	9.57
27	M	DI-ISOPROPYL ETHER	0.872	0.757	13.2	83	0.00	9.50
28	M	ETHYL TERT-BUTYL ETHER	0.811	0.790	2.6	93	0.00	10.01
29	M	2-BUTANONE	0.035	0.033	5.7	85	0.00	10.34
30	M	2,2-DICHLOROPROPANE	0.358	0.486	-35.8#	135	0.00	10.34
31	M	cis-1,2-DICHLOROETHYLENE	0.449	0.469	-4.5	102	-0.01	10.36
32	M	PROPIONITRILE	0.048	0.043	10.4	84	0.00	10.48
33	M	METHYLACRYLATE	0.362	0.306	15.5	82	0.00	10.43
34	M	METHACRYLONITRILE	0.202	0.170	15.8	84	-0.01	10.65
35	M	BROMOCHLOROMETHANE	0.118	0.139	-17.8	108	0.00	10.70
36	M	CHLOROFORM	0.446	0.528	-18.4	115	0.00	10.75
37	M	TETRAHYDROFURAN	0.117	0.085	27.4	76	0.01	10.75
38	M	1,1,1-TRICHLOROETHANE	0.367	0.492	-34.1#	129	0.00	10.99
39	M	CYCLOHEXANE	0.360	0.335	6.9	88	0.00	11.05
40	M	1-CHLOROBUTANE	0.496	0.469	5.4	86	0.00	12.01
41	M	1,1-DICHLOROPROPENE	0.342	0.362	-5.8	101	0.00	11.18

Continuing Calibration Summary

Job Number: J65091
Account: EPMNYLS Environmental Planning and Management
Project: Katonah, Katonah, NY

Sample: V3B1100-CC1080
Lab FileID: 3B25305.D

42 M	CARBON TETRACHLORIDE	0.301	0.452	-50.2#	141	0.00	11.20
43 M	1,2-DICHLOROETHANE	0.324	0.433	-33.6#	129	0.00	11.50
44 M	BENZENE	1.048	1.015	3.1	94	0.00	11.46
45 M	TERT AMYL METHYL ETHER	0.778	0.777	0.1	96	0.00	11.47
46 M	TRICHLOROETHYLENE	0.269	0.286	-6.3	103	0.00	12.20
47 M	METHYLCYCLOHEXANE	0.379	0.391	-3.2	93	0.00	12.40
48 M	METHYL METHACRYLATE	0.219	0.180	17.8	80	0.00	12.47
49 M	1,2-DICHLOROPROPANE	0.288	0.266	7.6	90	0.00	12.49
50 M	DIBROMOMETHANE	0.163	0.184	-12.9	109	0.00	12.66
51 M	BROMODICHLOROMETHANE	0.332	0.417	-25.6	121	0.00	12.79
52 M	CHLOROACETONITRILE	0.013	0.015	-15.4	108	0.00	13.04
53 M	2-NITROPROPANE	0.109	0.124	-13.8	112	0.00	13.03
54 M	2-CHLOROETHYL VINYL ETHER	0.108	0.123	-13.9	108	0.00	13.02
55 M	cis-1,3-DICHLOROPROPENE	0.442	0.455	-2.9	100	0.00	13.26
56 M	4-METHYL-2-PENTANONE	0.128	0.115	10.2	83	0.00	13.35
57 M	1,1-DICHLOROPROPANONE	0.150	0.144	4.0	100	0.00	13.49
58 M	TOLUENE	0.650	0.641	1.4	96	0.00	13.63
59 M	trans-1,3-DICHLOROPROPENE	0.393	0.460	-17.0	114	0.00	13.85
60 M	ETHYL METHACRYLATE	0.387	0.322	16.8	79	0.00	13.81
61 M	1,1,2-TRICHLOROETHANE	0.218	0.228	-4.6	103	0.00	14.09
62 M	1,3-DICHLOROPROPANE	0.431	0.452	-4.9	103	0.00	14.27
63 M	2-HEXANONE	0.127	0.107	15.7	77	0.00	14.25
64 M	TETRACHLOROETHYLENE	0.351	0.368	-4.8	103	0.00	14.24
65 M	DIBROMOCHLOROMETHANE	0.256	0.312	-21.9	119	0.00	14.56
66 M	1,2-DIBROMOETHANE	0.262	0.273	-4.2	100	0.00	14.72
67 M	CHLOROBENZENE	0.741	0.749	-1.1	99	0.00	15.20
68 M	1,1,1,2-TETRACHLOROETHANE	0.255	0.305	-19.6	116	0.00	15.26
69 M	ETHYLBENZENE	1.206	1.213	-0.6	97	0.00	15.24
70 M	m,p-XYLENE	0.472	0.480	-1.7	97	0.00	15.35
71 M	o-XYLENE	0.486	0.487	-0.2	97	0.00	15.80
72 M	STYRENE	0.752	0.728	3.2	93	0.00	15.82
73 M	BROMOFORM	0.191	0.233	-22.0	119	0.00	16.13
74 M	ISOPROPYLBENZENE	1.039	1.081	-4.0	101	0.00	16.16
75 M	BROMOBENZENE	0.318	0.349	-9.7	106	0.00	16.61
76 M	1,1,2,2-TETRACHLOROETHANE	0.357	0.361	-1.1	97	0.00	16.51
77 M	TRANS-1,4-DICHLORO-2-BUTE	0.100	0.110	-10.0	107	0.00	16.55
78 M	1,2,3-TRICHLOROPROPANE	0.096	0.117	-21.9	118	0.00	16.60
79 M	n-PROPYLBENZENE	1.396	1.457	-4.4	101	0.00	16.59
80 M	O-CHLOROTOLUENE	0.945	1.064	-12.6	109	0.00	16.76
81 M	1,3,5-TRIMETHYLBENZENE	0.926	1.003	-8.3	104	0.00	16.74
82 M	P-CHLOROTOLUENE	0.855	0.914	-6.9	105	0.00	16.87
83 M	tert-BUTYLBENZENE	0.864	0.906	-4.9	103	0.00	17.13
84 M	1,2,4-TRIMETHYLBENZENE	0.931	1.016	-9.1	106	0.00	17.17
85 M	PENTACHLOROETHANE	0.161	0.207	-28.6	122	0.00	17.24
86 M	sec-BUTYLBENZENE	1.233	1.310	-6.2	103	0.00	17.35
87 M	p-ISOPROPYLTOLUENE	0.976	1.030	-5.5	102	0.00	17.48
88 M	M-DICHLOROBENZENE	0.598	0.661	-10.5	109	0.00	17.59
89 M	P-DICHLOROBENZENE	0.606	0.654	-7.9	105	0.00	17.67
90 M	n-BUTYLBENZENE	0.855	0.891	-4.2	103	0.00	17.92
91 M	O-DICHLOROBENZENE	0.586	0.650	-10.9	108	0.00	18.11
92 M	HEXACHLOROETHANE	0.141	0.189	-34.0#	121	0.00	18.38
93 M	1,2-DIBROMO-3-CHLOROPROPA	0.060	0.063	-5.0	99	0.00	18.97
94 M	NITROBENZENE	0.027	0.029	-7.4	102	0.00	19.21
95 M	1,2,4-TRICHLOROBENZENE	0.398	0.429	-7.8	108	0.00	19.88
96 M	HEXACHLOROBUTADIENE	0.185	0.236	-27.6	122	0.00	19.98
97 M	NAPHTHALENE	1.126	1.143	-1.5	100	0.00	20.23
98 M	1,2,3-TRICHLOROBENZENE	0.386	0.418	-8.3	106	0.00	20.52

5.9

5

Continuing Calibration Summary

Job Number: J65091 **Sample:** V3B1100-CC1080
Account: EPMNYLS Environmental Planning and Management **Lab FileID:** 3B25305.D
Project: Katonah, Katonah, NY

(#) = Out of Range SPCC's out = 0 CCC's out = 0
3B24960.D M3B1080.M Fri Jul 13 08:42:54 2007 MS3B

Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Instrument Runlogs
- Initial and Continuing Calibration Blanks
- Initial and Continuing Calibration Checks
- High and Low Check Standards
- Interfering Element Check Standards
- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries
- IDL and Linear Range Summaries

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IR071807M1.DAT Date Analyzed: 07/18/07 Methods: EPA 200.7, SW846 6010B
Analyst: WP Run ID: MA19487
Parameters: Ca,Fe,Mn,Na

Time	Sample Description	Dilution Factor	PS Recov	Comments
09:13	MA19487-STD1	1		STDA
09:18	MA19487-STD2	1		STDB
09:24	MA19487-STD3	1		STDC
09:29	MA19487-STD4	1		STDD
09:34	MA19487-STD5	1		STDE
09:40	MA19487-STD6	1		STDF
09:45	MA19487-STD7	1		STDG
09:50	MA19487-STD8	1		STDH
09:56	MA19487-STD9	1		STDI
10:16	MA19487-STD10	1		STDA
10:29	MA19487-STD11	1		STDC
10:37	MA19487-HSTD1	1		
10:43	MA19487-CRIB1	1		
10:48	MA19487-CRIB2	1		
10:53	MA19487-ICV1	1		
10:59	MA19487-ICB1	1		
11:05	MA19487-CCV1	1		
11:11	MA19487-CCB1	1		
11:18	MA19487-ICSA1	1		
11:24	MA19487-ICSAB1	1		
11:33	ZZZZZZ	1		
11:38	MA19487-CCV2	1		
11:43	MA19487-CCB2	1		
11:49	MP39889-MB1	1		
11:54	MP39889-B1	1		
11:59	MP39889-S1	1		
12:49	MA19487-CCV3	1		
12:54	MA19487-CCB3	1		
12:59	MP39889-S2	1		
13:05	J65022-19	1		(sample used for QC only; not part of login J65091)
13:10	MP39889-SD1	5		
13:15	ZZZZZZ	1		
13:21	ZZZZZZ	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IR071807M1.DAT Date Analyzed: 07/18/07 Methods: EPA 200.7, SW846 6010B
Analyst: WP Run ID: MA19487
Parameters: Ca,Fe,Mn,Na

Time	Sample Description	Dilution Factor	PS Recov	Comments
13:26	ZZZZZZ	1		
13:31	ZZZZZZ	1		
13:37	ZZZZZZ	1		
13:42	ZZZZZZ	1		
13:47	MA19487-CCV4	1		
13:53	MA19487-CCB4	1		
13:58	ZZZZZZ	1		
14:04	MP39882-MB1	1		
14:08	MP39882-LC1	1		
14:13	MP39882-S1	1		
14:19	MP39882-S2	1		
14:24	J64925-1	1		(sample used for QC only; not part of login J65091)
14:29	MP39882-SD1	5		
14:35	ZZZZZZ	1		
14:40	J65091-5	1		High RSD
14:45	MA19487-CCV5	1		
14:51	MA19487-CCB5	1		
14:56	J65091-6	1		
15:01	J65091-7	1		
---------->	Last reportable sample/prep for job J65091			
15:07	ZZZZZZ	1		
15:12	ZZZZZZ	1		
15:20	ZZZZZZ	1		
15:26	ZZZZZZ	1		
15:31	ZZZZZZ	1		
15:36	ZZZZZZ	1		
15:42	ZZZZZZ	1		
15:47	MA19487-CCV6	1		
15:52	MA19487-CCB6	1		
15:58	ZZZZZZ	1		
16:03	ZZZZZZ	1		
16:09	ZZZZZZ	1		
16:14	ZZZZZZ	1		
16:19	ZZZZZZ	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IR071807M1.DAT Date Analyzed: 07/18/07 Methods: EPA 200.7, SW846 6010B
Analyst: WP Run ID: MA19487
Parameters: Ca,Fe,Mn,Na

	Time	Sample Description	Dilution Factor	PS Recov	Comments
	16:25	MA19487-CCV7	1		
	16:34	MA19487-CCB7	1		
	16:39	MA19487-CRIB3	1		
	16:44	MA19487-CRIB4	1		
	16:49	MA19487-ICSA2	1		
	16:56	MA19487-ICSAB2	1		
	17:01	MA19487-CCV8	1		
	17:06	MA19487-CCB8	1		
---------->	Last reportable CCB for job J65091				
	17:12	MP39874-MB1	1		
	17:17	MP39874-LC1	1		
	17:23	MP39874-S1	1		
	17:28	MP39874-S2	1		
	17:33	J65025-4F	1		(sample used for QC only; not part of login J65091)
	17:39	MP39874-SD1	5		
	17:44	ZZZZZZ	1		
	17:49	ZZZZZZ	1		
	17:55	ZZZZZZ	1		
	18:00	MA19487-CCV9	1		
	18:06	MA19487-CCB9	1		
	18:11	ZZZZZZ	1		
	18:16	ZZZZZZ	1		
	18:22	ZZZZZZ	1		
	18:27	ZZZZZZ	1		
	18:32	ZZZZZZ	1		
	18:38	ZZZZZZ	1		
	18:43	ZZZZZZ	1		
	18:49	ZZZZZZ	1		
	18:55	MA19487-CCV10	1		
	19:05	MA19487-CCB10	1		
	19:11	MP39869-B1	1		
	19:20	MP39869-MB1	1		
	19:25	MP39869-S1	1		
	19:30	MP39869-S2	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IR071807M1.DAT Date Analyzed: 07/18/07 Methods: EPA 200.7, SW846 6010B
Analyst: WP Run ID: MA19487
Parameters: Ca,Fe,Mn,Na

Time	Sample Description	Dilution Factor	PS Recov	Comments
19:36	J66012-1	1		(sample used for QC only; not part of login J65091)
19:41	MP39869-SD1	5		
19:47	ZZZZZZ	1		
19:52	ZZZZZZ	1		
19:57	MA19487-CCV11	1		
20:08	MA19487-CCB11	1		
20:13	MP39786-MB2	1		
20:18	MP39786-LC2	1		
20:24	MP39786-B2	1		
20:29	MP39786-S3	1		Tl hit
20:34	MP39786-S4	1		Tl hit
20:40	J64665-3	1		(sample used for QC only; not part of login J65091)
20:45	MP39786-SD2	5		Tl hit
20:51	ZZZZZZ	1		
20:56	ZZZZZZ	1		
21:01	MA19487-CCV12	1		
21:07	MA19487-CCB12	1		
21:12	ZZZZZZ	1		
21:17	ZZZZZZ	1		
21:23	ZZZZZZ	1		
21:32	MP39890-MB1	1		
21:37	MP39890-LC1	1		
21:42	MP39890-B1	1		
21:48	MP39890-S1	1		Tl hit
21:53	MP39890-S2	1		Tl hit
21:59	J65603-1	1		(sample used for QC only; not part of login J65091)
22:04	MA19487-CCV13	1		
22:09	MA19487-CCB13	1		
22:21	MP39890-SD1	5		Tl hit
22:27	ZZZZZZ	1		
22:32	ZZZZZZ	1		
22:38	ZZZZZZ	1		
22:43	ZZZZZZ	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IR071807M1.DAT Date Analyzed: 07/18/07 Methods: EPA 200.7, SW846 6010B
Analyst: WP Run ID: MA19487
Parameters: Ca,Fe,Mn,Na

Time	Sample Description	Dilution Factor	PS Recov	Comments
22:48	ZZZZZZ	1		
22:54	ZZZZZZ	1		
22:59	ZZZZZZ	1		
23:05	ZZZZZZ	1		
23:10	MA19487-CCV14	1		
23:16	MA19487-CCB14	1		
00:02	MA19487-CRIB5	1		
00:08	MA19487-CRIB6	1		
00:13	MA19487-ICSA3	1		
00:18	MA19487-ICSAB3	1		
00:24	MA19487-CCV15	1		
00:29	MA19487-CCB15	1		
00:34	MP39909-MB1	1		
00:40	MP39909-LC1	1		
00:45	MP39909-S1	1		
00:50	MP39909-S2	1		
00:56	J65520-4	1		(sample used for QC only; not part of login J65091)
01:01	MP39909-SD1	5		
01:07	ZZZZZZ	1		
01:12	ZZZZZZ	1		
01:17	ZZZZZZ	1		
01:23	MA19487-CCV16	1		
01:28	MA19487-CCB16	1		
01:33	ZZZZZZ	1		
01:39	ZZZZZZ	1		
01:44	ZZZZZZ	1		
01:49	ZZZZZZ	1		
01:55	ZZZZZZ	1		
02:00	ZZZZZZ	1		
02:06	ZZZZZZ	1		
02:11	ZZZZZZ	1		
02:16	ZZZZZZ	1		
02:22	MA19487-CCV17	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IR071807M1.DAT Date Analyzed: 07/18/07 Methods: EPA 200.7, SW846 6010B
Analyst: WP Run ID: MA19487
Parameters: Ca,Fe,Mn,Na

Time	Sample Description	Dilution Factor	PS Recov	Comments
02:27	MA19487-CCB17	1		
02:32	ZZZZZZ	1		
02:38	ZZZZZZ	1		
02:43	ZZZZZZ	1		
02:49	ZZZZZZ	1		
02:54	ZZZZZZ	1		
02:59	ZZZZZZ	1		
03:05	ZZZZZZ	1		
03:13	MP39910-MB1	1		
03:19	MP39910-LC1	1		
03:24	MA19487-CCV18	1		
03:30	MA19487-CCB18	1		
03:35	MP39910-S1	1		
03:40	MP39910-S2	1		
03:46	J65520-18	1		(sample used for QC only; not part of login J65091)
03:51	MP39910-SD1	5		
03:57	ZZZZZZ	1		
04:02	ZZZZZZ	1		
04:07	ZZZZZZ	1		
04:13	ZZZZZZ	1		
04:18	ZZZZZZ	1		
04:24	MA19487-CCV19	1		
04:29	MA19487-CCB19	1		
04:34	ZZZZZZ	1		
04:40	ZZZZZZ	1		
04:45	ZZZZZZ	1		
04:51	ZZZZZZ	1		
04:56	ZZZZZZ	1		
05:01	ZZZZZZ	1		
05:07	ZZZZZZ	1		
05:12	ZZZZZZ	1		
05:17	ZZZZZZ	1		
05:23	MA19487-CCV20	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IR071807M1.DAT Date Analyzed: 07/18/07 Methods: EPA 200.7, SW846 6010B
Analyst: WP Run ID: MA19487
Parameters: Ca,Fe,Mn,Na

Time	Sample Description	Dilution Factor	PS Recov	Comments
05:28	MA19487-CCB20	1		
05:34	ZZZZZZ	1		
05:39	ZZZZZZ	1		
05:44	ZZZZZZ	1		
05:50	ZZZZZZ	1		
05:55	ZZZZZZ	1		
06:00	MA19487-CCV21	1		
06:06	MA19487-CCB21	1		
07:35	MA19487-ICSA4	1		
07:40	MA19487-ICSAB4	1		
07:45	MA19487-CCV22	1		
07:51	MA19487-CCB22	1		

Refer to raw data for calibration curve and standards.

INTERNAL STANDARD SUMMARY

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IR071807M1.DAT Date Analyzed: 07/18/07 Methods: EPA 200.7, SW846 6010B
Analyst: WP Run ID: MA19487
Parameters: Ca,Fe,Mn,Na

Time	Sample Description	Istd#1
09:13	MA19487-STD1	484352 R
09:18	MA19487-STD2	483274
09:24	MA19487-STD3	483584
09:29	MA19487-STD4	485058
09:34	MA19487-STD5	483365
09:40	MA19487-STD6	481163
09:45	MA19487-STD7	479144
09:50	MA19487-STD8	475528
09:56	MA19487-STD9	474913
10:16	MA19487-STD10	481809
10:29	MA19487-STD11	481477
10:37	MA19487-HSTD1	472829
10:43	MA19487-CRIB1	480661
10:48	MA19487-CRIB2	480779
10:53	MA19487-ICV1	481656
10:59	MA19487-ICB1	481741
11:05	MA19487-CCV1	478309
11:11	MA19487-CCB1	480373
11:18	MA19487-ICSA1	462070
11:24	MA19487-ICSAB1	460235
11:33	ZZZZZZ	484283
11:38	MA19487-CCV2	476568
11:43	MA19487-CCB2	481045
11:49	MP39889-MB1	481186
11:54	MP39889-B1	479922
11:59	MP39889-S1	481434
12:49	MA19487-CCV3	473607
12:54	MA19487-CCB3	478305
12:59	MP39889-S2	477652
13:05	J65022-19	482936
13:10	MP39889-SD1	480480
13:15	ZZZZZZ	485204
13:21	ZZZZZZ	484664

INTERNAL STANDARD SUMMARY

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IR071807M1.DAT Date Analyzed: 07/18/07 Methods: EPA 200.7, SW846 6010B
Analyst: WP Run ID: MA19487
Parameters: Ca,Fe,Mn,Na

Time	Sample Description	Istd#1
13:26	ZZZZZZ	484657
13:31	ZZZZZZ	485153
13:37	ZZZZZZ	483711
13:42	ZZZZZZ	481063
13:47	MA19487-CCV4	471980
13:53	MA19487-CCB4	476893
13:58	ZZZZZZ	475801
14:04	MP39882-MB1	477505
14:08	MP39882-LC1	478018
14:13	MP39882-S1	479027
14:19	MP39882-S2	480462
14:24	J64925-1	483755
14:29	MP39882-SD1	480982
14:35	ZZZZZZ	484530
14:40	J65091-5	466736
14:45	MA19487-CCV5	474224
14:51	MA19487-CCB5	478776
14:56	J65091-6	473544
15:01	J65091-7	476741
15:07	ZZZZZZ	478688
15:12	ZZZZZZ	481273
15:20	ZZZZZZ	471706
15:26	ZZZZZZ	477323
15:31	ZZZZZZ	480087
15:36	ZZZZZZ	474896
15:42	ZZZZZZ	473434
15:47	MA19487-CCV6	474255
15:52	MA19487-CCB6	477714
15:58	ZZZZZZ	472193
16:03	ZZZZZZ	472674
16:09	ZZZZZZ	473192
16:14	ZZZZZZ	475310
16:19	ZZZZZZ	477170

INTERNAL STANDARD SUMMARY

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IR071807M1.DAT Date Analyzed: 07/18/07 Methods: EPA 200.7, SW846 6010B
Analyst: WP Run ID: MA19487
Parameters: Ca,Fe,Mn,Na

Time	Sample Description	Istd#1
16:25	MA19487-CCV7	475442
16:34	MA19487-CCB7	476999
16:39	MA19487-CRIB3	481080
16:44	MA19487-CRIB4	478681
16:49	MA19487-ICSA2	452242
16:56	MA19487-ICSAB2	455326
17:01	MA19487-CCV8	473155
17:06	MA19487-CCB8	477808
17:12	MP39874-MB1	476622
17:17	MP39874-LC1	474663
17:23	MP39874-S1	478524
17:28	MP39874-S2	474342
17:33	J65025-4F	477512
17:39	MP39874-SD1	478199
17:44	ZZZZZZ	478011
17:49	ZZZZZZ	474632
17:55	ZZZZZZ	480995
18:00	MA19487-CCV9	473430
18:06	MA19487-CCB9	476467
18:11	ZZZZZZ	479986
18:16	ZZZZZZ	477722
18:22	ZZZZZZ	478436
18:27	ZZZZZZ	478102
18:32	ZZZZZZ	476905
18:38	ZZZZZZ	478722
18:43	ZZZZZZ	475987
18:49	ZZZZZZ	473039
18:55	MA19487-CCV10	477585
19:05	MA19487-CCB10	476690
19:11	MP39869-B1	476194
19:20	MP39869-MB1	480678
19:25	MP39869-S1	477001
19:30	MP39869-S2	479462

INTERNAL STANDARD SUMMARY

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IR071807M1.DAT Date Analyzed: 07/18/07 Methods: EPA 200.7, SW846 6010B
Analyst: WP Run ID: MA19487
Parameters: Ca,Fe,Mn,Na

Time	Sample Description	Istd#1
19:36	J66012-1	481704
19:41	MP39869-SD1	477628
19:47	ZZZZZZ	477970
19:52	ZZZZZZ	482427
19:57	MA19487-CCV11	473336
20:08	MA19487-CCB11	477953
20:13	MP39786-MB2	480381
20:18	MP39786-LC2	500081
20:24	MP39786-B2	472704
20:29	MP39786-S3	495323
20:34	MP39786-S4	497592
20:40	J64665-3	496937
20:45	MP39786-SD2	481056
20:51	ZZZZZZ	499556
20:56	ZZZZZZ	504116
21:01	MA19487-CCV12	472974
21:07	MA19487-CCB12	476828
21:12	ZZZZZZ	492980
21:17	ZZZZZZ	499587
21:23	ZZZZZZ	499843
21:32	MP39890-MB1	479522
21:37	MP39890-LC1	497965
21:42	MP39890-B1	473966
21:48	MP39890-S1	519951
21:53	MP39890-S2	524538
21:59	J65603-1	520911
22:04	MA19487-CCV13	473234
22:09	MA19487-CCB13	479555
22:21	MP39890-SD1	487243
22:27	ZZZZZZ	492273
22:32	ZZZZZZ	493621
22:38	ZZZZZZ	493958
22:43	ZZZZZZ	491219

INTERNAL STANDARD SUMMARY

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IR071807M1.DAT Date Analyzed: 07/18/07 Methods: EPA 200.7, SW846 6010B
Analyst: WP Run ID: MA19487
Parameters: Ca,Fe,Mn,Na

Time	Sample Description	Istd#1
22:48	ZZZZZZ	527392
22:54	ZZZZZZ	502228
22:59	ZZZZZZ	508956
23:05	ZZZZZZ	497952
23:10	MA19487-CCV14	475637
23:16	MA19487-CCB14	483318
00:02	MA19487-CRIB5	476692
00:08	MA19487-CRIB6	478784
00:13	MA19487-ICSA3	455916
00:18	MA19487-ICSAB3	456881
00:24	MA19487-CCV15	475371
00:29	MA19487-CCB15	477730
00:34	MP39909-MB1	477617
00:40	MP39909-LC1	475700
00:45	MP39909-S1	475978
00:50	MP39909-S2	474815
00:56	J65520-4	479673
01:01	MP39909-SD1	478136
01:07	ZZZZZZ	477166
01:12	ZZZZZZ	478602
01:17	ZZZZZZ	478624
01:23	MA19487-CCV16	472131
01:28	MA19487-CCB16	476631
01:33	ZZZZZZ	480155
01:39	ZZZZZZ	479292
01:44	ZZZZZZ	476841
01:49	ZZZZZZ	477656
01:55	ZZZZZZ	474942
02:00	ZZZZZZ	471933
02:06	ZZZZZZ	477811
02:11	ZZZZZZ	475440
02:16	ZZZZZZ	479253
02:22	MA19487-CCV17	473041

INTERNAL STANDARD SUMMARY

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IR071807M1.DAT Date Analyzed: 07/18/07 Methods: EPA 200.7, SW846 6010B
Analyst: WP Run ID: MA19487
Parameters: Ca,Fe,Mn,Na

Time	Sample Description	Istd#1
02:27	MA19487-CCB17	478647
02:32	ZZZZZZ	482738
02:38	ZZZZZZ	477282
02:43	ZZZZZZ	475851
02:49	ZZZZZZ	476619
02:54	ZZZZZZ	474499
02:59	ZZZZZZ	475049
03:05	ZZZZZZ	479152
03:13	MP39910-MB1	478122
03:19	MP39910-LC1	476500
03:24	MA19487-CCV18	473910
03:30	MA19487-CCB18	479358
03:35	MP39910-S1	471845
03:40	MP39910-S2	472686
03:46	J65520-18	474822
03:51	MP39910-SD1	475622
03:57	ZZZZZZ	472444
04:02	ZZZZZZ	474732
04:07	ZZZZZZ	477535
04:13	ZZZZZZ	473307
04:18	ZZZZZZ	473955
04:24	MA19487-CCV19	473027
04:29	MA19487-CCB19	478063
04:34	ZZZZZZ	470238
04:40	ZZZZZZ	474747
04:45	ZZZZZZ	475485
04:51	ZZZZZZ	475594
04:56	ZZZZZZ	475363
05:01	ZZZZZZ	476694
05:07	ZZZZZZ	479994
05:12	ZZZZZZ	476220
05:17	ZZZZZZ	474598
05:23	MA19487-CCV20	473545

INTERNAL STANDARD SUMMARY

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IR071807M1.DAT Date Analyzed: 07/18/07 Methods: EPA 200.7, SW846 6010B
Analyst: WP Run ID: MA19487
Parameters: Ca,Fe,Mn,Na

Time	Sample Description	Istd#1
05:28	MA19487-CCB20	477920
05:34	ZZZZZZ	476069
05:39	ZZZZZZ	473761
05:44	ZZZZZZ	473892
05:50	ZZZZZZ	478234
05:55	ZZZZZZ	480828
06:00	MA19487-CCV21	473217
06:06	MA19487-CCB21	477211
07:35	MA19487-ICSA4	458028
07:40	MA19487-ICSAB4	455460
07:45	MA19487-CCV22	474473
07:51	MA19487-CCB22	471886

R = Reference for ISTD limits. ! = Outside limits.

LEGEND:

Istd#	Parameter	Limits
Istd#1	Yttrium	60-125 %

6.1.1

6

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IR071807M1.DAT Date Analyzed: 07/18/07 Methods: EPA 200.7, SW846 6010B
QC Limits: result < RL Run ID: MA19487 Units: ug/l

Time:			10:59		11:11		11:43		12:54	
Sample ID:			ICB1		CCB1		CCB2		CCB3	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	24	anr							
Antimony	6.0	6.2	anr							
Arsenic	8.0	6.2	anr							
Barium	200	1.1	anr							
Beryllium	1.0	.4	anr							
Cadmium	4.0	.5	anr							
Calcium	5000	55	-130	<5000	-120	<5000	-110	<5000	-120	<5000
Chromium	10	1.3	anr							
Cobalt	50	1	anr							
Copper	25	1.1	anr							
Iron	100	69	-22	<100	3.1	<100	3.5	<100	-55	<100
Lead	3.0	2.9	anr							
Magnesium	5000	12	anr							
Manganese	15	.5	0.39	<15	0.65	<15	0.70	<15	0.96	<15
Nickel	40	3	anr							
Potassium	10000	36	anr							
Selenium	10	5.2	anr							
Silver	10	1.2	anr							
Sodium	10000	270	475	<10000	554	<10000	645	<10000	582	<10000
Thallium	10	8.2	anr							
Vanadium	50	1	anr							
Zinc	20	3.4	anr							

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IR071807M1.DAT Date Analyzed: 07/18/07 Methods: EPA 200.7, SW846 6010B
QC Limits: result < RL Run ID: MA19487 Units: ug/l

Time: / Sample ID: / Metal	RL	IDL	13:53 CCB4 raw	final	14:51 CCB5 raw	final	15:52 CCB6 raw	final	16:34 CCB7 raw	final
Aluminum	200	24	anr							
Antimony	6.0	6.2	anr							
Arsenic	8.0	6.2	anr							
Barium	200	1.1	anr							
Beryllium	1.0	.4	anr							
Cadmium	4.0	.5	anr							
Calcium	5000	55	-110	<5000	-98	<5000	-100	<5000	-120	<5000
Chromium	10	1.3	anr							
Cobalt	50	1	anr							
Copper	25	1.1	anr							
Iron	100	69	-75	<100	-8.9	<100	-4.1	<100	-25	<100
Lead	3.0	2.9	anr							
Magnesium	5000	12	anr							
Manganese	15	.5	0.77	<15	1.1	<15	0.84	<15	0.35	<15
Nickel	40	3	anr							
Potassium	10000	36	anr							
Selenium	10	5.2	anr							
Silver	10	1.2	anr							
Sodium	10000	270	96.6	<10000	623	<10000	452	<10000	384	<10000
Thallium	10	8.2	anr							
Vanadium	50	1	anr							
Zinc	20	3.4	anr							

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IR071807M1.DAT Date Analyzed: 07/18/07 Methods: EPA 200.7, SW846 6010B
QC Limits: result < RL Run ID: MA19487 Units: ug/l

Time:			17:06	
Sample ID:			CCB8	
Metal	RL	IDL	raw	final
Aluminum	200	24	anr	
Antimony	6.0	6.2	anr	
Arsenic	8.0	6.2	anr	
Barium	200	1.1	anr	
Beryllium	1.0	.4	anr	
Cadmium	4.0	.5	anr	
Calcium	5000	55	-65	<5000
Chromium	10	1.3	anr	
Cobalt	50	1	anr	
Copper	25	1.1	anr	
Iron	100	69	30.4	<100
Lead	3.0	2.9	anr	
Magnesium	5000	12	anr	
Manganese	15	.5	0.63	<15
Nickel	40	3	anr	
Potassium	10000	36	anr	
Selenium	10	5.2	anr	
Silver	10	1.2	anr	
Sodium	10000	270	643	<10000
Thallium	10	8.2	anr	
Vanadium	50	1	anr	
Zinc	20	3.4	anr	

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IR071807M1.DAT Date Analyzed: 07/18/07 Methods: EPA 200.7, SW846 6010B
QC Limits: 95 to 105 % Recovery Run ID: MA19487 Units: ug/l

Time:		10:53			11:05			11:38	
Sample ID:	ICV	ICV1		CCV	CCV1		CCV	CCV2	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	anr								
Antimony	anr								
Arsenic	anr								
Barium	anr								
Beryllium	anr								
Cadmium	anr								
Calcium	5000	4940	98.8	40000	40200	100.5	40000	39900	99.8
Chromium	anr								
Cobalt	anr								
Copper	anr								
Iron	5000	4870	97.4	40000	39600	99.0	40000	39500	98.8
Lead	anr								
Magnesium	anr								
Manganese	1000	992	99.2	2000	1980	99.0	2000	1980	99.0
Nickel	anr								
Potassium	anr								
Selenium	anr								
Silver	anr								
Sodium	10000	9680	96.8	40000	38700	96.8	40000	38700	96.8
Thallium	anr								
Vanadium	anr								
Zinc	anr								

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IR071807M1.DAT Date Analyzed: 07/18/07 Methods: EPA 200.7, SW846 6010B
QC Limits: 95 to 105 % Recovery Run ID: MA19487 Units: ug/l

Time:		12:49			13:47			14:45	
Sample ID:	CCV	CCV3		CCV	CCV4		CCV	CCV5	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	anr								
Antimony	anr								
Arsenic	anr								
Barium	anr								
Beryllium	anr								
Cadmium	anr								
Calcium	40000	40400	101.0	40000	40300	100.8	40000	40400	101.0
Chromium	anr								
Cobalt	anr								
Copper	anr								
Iron	40000	39500	98.8	40000	39700	99.3	40000	40000	100.0
Lead	anr								
Magnesium	anr								
Manganese	2000	1990	99.5	2000	2000	100.0	2000	2000	100.0
Nickel	anr								
Potassium	anr								
Selenium	anr								
Silver	anr								
Sodium	40000	37800	94.5	40000	37800	94.5	40000	38600	96.5
Thallium	anr								
Vanadium	anr								
Zinc	anr								

(*) Outside of QC limits
(anr) Analyte not requested

6.1.3
6

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IR071807M1.DAT Date Analyzed: 07/18/07 Methods: EPA 200.7, SW846 6010B
QC Limits: 95 to 105 % Recovery Run ID: MA19487 Units: ug/l

Time:		15:47			16:25			17:01	
Sample ID:	CCV	CCV6		CCV	CCV7		CCV	CCV8	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	anr								
Antimony	anr								
Arsenic	anr								
Barium	anr								
Beryllium	anr								
Cadmium	anr								
Calcium	40000	40200	100.5	40000	39900	99.8	40000	40300	100.8
Chromium	anr								
Cobalt	anr								
Copper	anr								
Iron	40000	39800	99.5	40000	39500	98.8	40000	40000	100.0
Lead	anr								
Magnesium	anr								
Manganese	2000	1990	99.5	2000	1980	99.0	2000	2000	100.0
Nickel	anr								
Potassium	anr								
Selenium	anr								
Silver	anr								
Sodium	40000	38700	96.8	40000	38700	96.8	40000	38100	95.3
Thallium	anr								
Vanadium	anr								
Zinc	anr								

(*) Outside of QC limits
(anr) Analyte not requested

HIGH STANDARD CHECK SUMMARY

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IR071807M1.DAT Date Analyzed: 07/18/07 Methods: EPA 200.7, SW846 6010B
QC Limits: 95 to 105 % Recovery Run ID: MA19487 Units: ug/l

Time:		10:37	
Sample ID:	HSTD	HSTD1	
Metal	True	Results	% Rec
Aluminum	anr		
Antimony	anr		
Arsenic	anr		
Barium	anr		
Beryllium	anr		
Cadmium	anr		
Calcium	80000	79300	99.1
Chromium	anr		
Cobalt	anr		
Copper	anr		
Iron	80000	78500	98.1
Lead	anr		
Magnesium	anr		
Manganese	4000	3970	99.3
Nickel	anr		
Potassium	anr		
Selenium	anr		
Silver	anr		
Sodium	80000	80600	100.8
Thallium	anr		
Vanadium	anr		
Zinc	anr		

(*) Outside of QC limits
(anr) Analyte not requested

INITIAL LOW CALIBRATION CHECK STANDARD SUMMARY

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IR071807M1.DAT Date Analyzed: 07/18/07 Methods: EPA 200.7, SW846 6010B
QC Limits: 50 to 150 % Recovery Run ID: MA19487 Units: ug/l

Time:		10:43		10:48		16:39		16:44	
Sample ID:	CRIB	CRIB1		CRIB2		CRIB3		CRIB4	
Metal	True	Results	% Rec	Results	% Rec	Results	% Rec	Results	% Rec
Aluminum	400								
Antimony	12								
Arsenic	16								
Barium	400								
Beryllium	2.0								
Cadmium	8.0								
Calcium	5000	4940	98.8			4860	97.2		
Chromium	20								
Cobalt	100								
Copper	50								
Iron	200	271	135.5			228	114.0		
Lead	6.0								
Magnesium	5000								
Manganese	30	31.9	106.3			30.5	101.7		
Nickel	80								
Potassium	10000								
Selenium	20								
Silver	20								
Sodium	10000	9450	94.5			9270	92.7		
Thallium	20								
Vanadium	100								
Zinc	40								

(*) Outside of QC limits
(anr) Analyte not requested

INTERFERING ELEMENT CHECK STANDARDS SUMMARY
Part 1 - ICSA and ICSAB Standards

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IR071807M1.DAT Date Analyzed: 07/18/07 Methods: EPA 200.7, SW846 6010B
QC Limits: 80 to 120 % Recovery Run ID: MA19487 Units: ug/l

Time:			11:18		11:24		16:49		16:56	
Sample ID:	ICSA	ICSAB	ICSA1		ICSAB1		ICSA2		ICSAB2	
Metal	True	True	Results	% Rec	Results	% Rec	Results	% Rec	Results	% Rec
Aluminum	500000	500000	505000	101.0	507000	101.4	509000	101.8	511000	102.2
Antimony		1000	-0.60		1060	106.0	3.3		1060	106.0
Arsenic		1000	-4.3		1020	102.0	0.93		1030	103.0
Barium		500	-4.6		528	105.6	-4.3		539	107.8
Beryllium		500	0.10		487	97.4	-0.067		493	98.6
Cadmium		1000	0.69		1020	102.0	0.30		1030	103.0
Calcium	400000	400000	364000	91.0	370000	92.5	365000	91.3	370000	92.5
Chromium		500	0.89		489	97.8	2.8		490	98.0
Cobalt		500	-0.54		522	104.4	0.045		525	105.0
Copper		500	-0.86		536	107.2	1.0		539	107.8
Iron	200000	200000	192000	96.0	192000	96.0	194000	97.0	193000	96.5
Lead		1000	-5.8		999	99.9	2.8		1000	100.0
Magnesium	500000	500000	516000	103.2	526000	105.2	517000	103.4	525000	105.0
Manganese		500	-2.3		497	99.4	-2.0		501	100.2
Nickel		1000	-0.53		996	99.6	1.5		999	99.9
Potassium			18.6		69.7		97.6		-0.27	
Selenium		1000	-12		1000	100.0	-13		997	99.7
Silver		1000	-0.67		1040	104.0	0.16		1050	105.0
Sodium			-580		-150		-84		-390	
Thallium		1000	11.6		957	95.7	11.4		975	97.5
Vanadium		500	1.8		507	101.4	2.6		510	102.0
Zinc		1000	-4.6		1060	106.0	-4.7		1070	107.0

(*) Outside of QC limits
(anr) Analyte not requested

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IT0719M2.DAT Date Analyzed: 07/19/07 Methods: EPA 200.7, SW846 6010B
Analyst: ND Run ID: MA19494
Parameters: Fe

Time	Sample Description	Dilution Factor	PS Recov	Comments
10:07	MA19494-STD1	1		STDA
10:13	MA19494-STD2	1		STDB
10:20	MA19494-STD3	1		STDC
10:26	MA19494-STD4	1		STDD
10:32	MA19494-STD5	1		STDE
10:39	MA19494-STD6	1		STDF
10:45	MA19494-STD7	1		STDG
10:51	MA19494-STD8	1		STDH
10:57	MA19494-STD9	1		STDI
11:30	MA19494-HSTD1	1		
11:36	MA19494-CRIB1	1		
11:42	MA19494-CRIB2	1		
11:49	MA19494-ICV1	1		
11:56	MA19494-ICV2	1		Not used.
12:03	MA19494-ICV3	1		Si.
12:14	MA19494-ICB1	1		
12:25	MA19494-CCV1	1		
12:33	MA19494-CCB1	1		
12:40	MA19494-ICSA1	1		
12:47	MA19494-ICSAB1	1		
12:53	MA19494-CCV2	1		
12:59	MA19494-CCB2	1		
13:10	ZZZZZZ	1		
13:19	MP39917-MB1	1		
13:24	MP39917-B1	1		
13:29	J64091-1	1		(sample used for QC only; not part of login J65091)
13:36	ZZZZZZ	1		
13:41	MA19494-CCV3	1		
13:48	MA19494-CCB3	1		
13:55	ZZZZZZ	1		
14:01	ZZZZZZ	1		
14:07	ZZZZZZ	1		
14:13	ZZZZZZ	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IT0719M2.DAT Date Analyzed: 07/19/07 Methods: EPA 200.7, SW846 6010B
Analyst: ND Run ID: MA19494
Parameters: Fe

Time	Sample Description	Dilution Factor	PS Recov	Comments
14:19	ZZZZZZ	1		
14:26	ZZZZZZ	1		
14:32	ZZZZZZ	1		
14:38	ZZZZZZ	1		
14:44	ZZZZZZ	1		
14:53	MA19494-CCV4	1		
15:00	MA19494-CCB4	1		
15:06	ZZZZZZ	1		
15:16	ZZZZZZ	1		
15:26	MP39804-SD1	5		
15:31	ZZZZZZ	1		
15:37	ZZZZZZ	1		
15:42	J65603-1	1		(sample used for QC only; not part of login J65091)
15:47	ZZZZZZ	1		
15:53	ZZZZZZ	1		
16:01	ZZZZZZ	1		
16:11	MA19494-CCV5	1		
16:18	MA19494-CCB5	1		
16:29	ZZZZZZ	1		
16:36	J64665-3	1		(sample used for QC only; not part of login J65091)
16:40	ZZZZZZ	1		
16:48	MP39875-MB1	1		
16:53	ZZZZZZ	1		
16:59	ZZZZZZ	1		
17:09	MP39908-MB1	1		
17:15	MP39908-LC1	1		
17:22	MA19494-CCV6	1		
17:28	MA19494-CCB6	1		
17:38	MP39924-MB1	1		
17:45	MP39924-MB1	1		
17:59	ZZZZZZ	1		
18:05	MP39924-LC1	1		
18:11	MP39924-S1	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IT0719M2.DAT Date Analyzed: 07/19/07 Methods: EPA 200.7, SW846 6010B
Analyst: ND Run ID: MA19494
Parameters: Fe

Time	Sample Description	Dilution Factor	PS Recov	Comments
18:17	MP39924-S2	1		
18:23	J66376-4	1		(sample used for QC only; not part of login J65091)
18:29	MP39924-SD1	5		
18:35	ZZZZZZ	1		
18:42	MA19494-CCV7	1		
18:48	MA19494-CCB7	1		
18:56	MA19494-CRIB3	1		
19:09	MA19494-ICSA2	1		
19:30	MA19494-ICSAB2	1		
19:36	MA19494-CCV8	1		
19:42	MA19494-CCB8	1		
19:54	ZZZZZZ	1		
20:00	ZZZZZZ	1		
20:06	ZZZZZZ	1		
20:13	ZZZZZZ	1		
20:19	ZZZZZZ	1		
20:25	ZZZZZZ	1		
20:31	ZZZZZZ	1		
20:37	ZZZZZZ	1		
20:42	ZZZZZZ	1		
20:49	MA19494-CCV9	1		
20:55	MA19494-CCB9	1		
21:01	ZZZZZZ	1		
21:07	ZZZZZZ	1		
21:14	ZZZZZZ	1		
21:20	ZZZZZZ	1		
21:26	ZZZZZZ	1		
21:32	ZZZZZZ	1		
21:38	ZZZZZZ	1		
21:44	MP39908-S1	1		CCV out for As.
21:50	MP39908-S2	1		CCV out for As.
21:57	MA19494-CCV10	1		
22:03	MA19494-CCB10	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IT0719M2.DAT Date Analyzed: 07/19/07 Methods: EPA 200.7, SW846 6010B
Analyst: ND Run ID: MA19494
Parameters: Fe

Time	Sample Description	Dilution Factor	PS Recov	Comments
22:09	J65739-10	1		(sample used for QC only; not part of login J65091)
22:15	MP39908-SD1	5		CCV out for As.
22:21	ZZZZZZ	1		
22:28	ZZZZZZ	1		
22:34	ZZZZZZ	1		
22:40	ZZZZZZ	1		
22:46	ZZZZZZ	1		
22:52	ZZZZZZ	1		
22:58	ZZZZZZ	1		
23:04	MA19494-CCV11	1		
23:11	MA19494-CCB11	1		
23:17	ZZZZZZ	1		
23:23	ZZZZZZ	1		
23:29	MA19494-CCV12	1		
23:36	MA19494-CCB12	1		
23:53	MA19494-ICSA3	1		
00:00	MA19494-ICSAB3	1		
00:06	MA19494-CCV13	1		
00:12	MA19494-CCB13	1		
00:19	ZZZZZZ	1		
00:25	ZZZZZZ	1		
00:31	MP39890-S1	1		
00:37	MP39890-S2	1		
00:43	MP39890-SD1	5		
00:49	ZZZZZZ	1		
00:55	MP39786-S3	1		
01:02	MP39786-S4	1		
01:08	MP39786-SD2	5		
01:14	MA19494-CCV14	1		
01:20	MA19494-CCB14	1		
01:26	ZZZZZZ	1		
01:33	ZZZZZZ	1		
01:39	ZZZZZZ	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IT0719M2.DAT Date Analyzed: 07/19/07 Methods: EPA 200.7, SW846 6010B
Analyst: ND Run ID: MA19494
Parameters: Fe

Time	Sample Description	Dilution Factor	PS Recov	Comments
01:45	ZZZZZZ	1		
01:51	ZZZZZZ	1		
01:57	ZZZZZZ	1		
02:03	ZZZZZZ	1		
02:09	ZZZZZZ	1		
02:15	ZZZZZZ	1		
02:22	ZZZZZZ	1		
02:28	MA19494-CCV15	1		
02:34	MA19494-CCB15	1		
02:40	ZZZZZZ	1		
02:46	ZZZZZZ	1		
02:53	ZZZZZZ	1		
02:59	ZZZZZZ	1		
03:05	ZZZZZZ	1		
03:11	ZZZZZZ	3		
03:17	ZZZZZZ	3		
03:23	MP39885-MB1	1		
03:29	MP39885-LC1	1		
03:36	MP39885-S1	1		
03:42	MA19494-CCV16	1		
03:48	MA19494-CCB16	1		
03:54	MP39885-S2	1		
04:00	J65027-5	1		(sample used for QC only; not part of login J65091)
04:07	MP39885-SD1	5		
04:13	ZZZZZZ	1		
04:19	ZZZZZZ	1		
04:25	ZZZZZZ	1		
04:31	ZZZZZZ	1		
04:37	ZZZZZZ	1		
04:43	ZZZZZZ	1		
04:50	ZZZZZZ	2		
04:56	MA19494-CCV17	1		
05:02	MA19494-CCB17	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IT0719M2.DAT Date Analyzed: 07/19/07 Methods: EPA 200.7, SW846 6010B
Analyst: ND Run ID: MA19494
Parameters: Fe

Time	Sample Description	Dilution Factor	PS Recov	Comments
05:08	ZZZZZZ	1		
05:14	ZZZZZZ	1		
05:21	ZZZZZZ	1		
05:27	ZZZZZZ	1		
05:33	ZZZZZZ	1		
05:39	MP39917-S1	1		
05:45	MP39917-S2	1		
05:51	MP39917-SD1	5		
05:57	MP39904-MB1	1		
06:04	MP39904-B1	1		
06:10	MA19494-CCV18	1		
06:16	MA19494-CCB18	1		
06:22	MP39904-S1	1		
06:29	MP39904-S2	1		
06:35	J65364-2	1		(sample used for QC only; not part of login J65091)
06:41	MP39904-SD1	5		
06:47	ZZZZZZ	1		
06:53	ZZZZZZ	1		
06:59	ZZZZZZ	1		
07:05	ZZZZZZ	1		
07:11	ZZZZZZ	1		
07:17	ZZZZZZ	1		
07:24	MA19494-CCV19	1		
07:30	MA19494-CCB19	1		
07:37	MA19494-ICSA4	1		
07:44	MA19494-ICSAB4	1		
07:50	MA19494-CCV20	1		
07:56	MA19494-CCB20	1		
08:04	MP39882-MB2	1		
08:10	MP39882-LC2	1		
---------->	Last reportable sample/prep for job J65091			
08:15	ZZZZZZ	1		
08:21	MP39936-MB1	1		
08:26	ZZZZZZ	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IT0719M2.DAT Date Analyzed: 07/19/07 Methods: EPA 200.7, SW846 6010B
Analyst: ND Run ID: MA19494
Parameters: Fe

Time	Sample Description	Dilution Factor	PS Recov	Comments
08:32	ZZZZZZ	5		
08:44	ZZZZZZ	1		
08:50	ZZZZZZ	1		
08:56	MA19494-CCV21	1		
09:02	MA19494-CCB21	1		
09:17	MP39941-B1	1		
09:22	ZZZZZZ	1		
09:28	ZZZZZZ	1		
09:34	ZZZZZZ	1		
09:39	ZZZZZZ	1		
09:44	ZZZZZZ	1		
09:49	MP39941-MB1	1		Empty.
09:55	MA19494-CCV22	1		
10:01	MA19494-CCB22	1		
10:14	MA19494-ICSA5	1		
10:21	MA19494-ICSAB5	1		
10:27	MA19494-CCV23	1		
10:34	MA19494-CCB23	1		

----------> Last reportable CCB for job J65091
Refer to raw data for calibration curve and standards.

INTERNAL STANDARD SUMMARY

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IT0719M2.DAT Date Analyzed: 07/19/07 Methods: EPA 200.7, SW846 6010B
Analyst: ND Run ID: MA19494
Parameters: Fe

Time	Sample Description	Istd#1
10:07	MA19494-STD1	61318 R
10:13	MA19494-STD2	61857
10:20	MA19494-STD3	62470
10:26	MA19494-STD4	61499
10:32	MA19494-STD5	61492
10:39	MA19494-STD6	61424
10:45	MA19494-STD7	60365
10:51	MA19494-STD8	59970
10:57	MA19494-STD9	59627
11:30	MA19494-HSTD1	59653
11:36	MA19494-CRIB1	61674
11:42	MA19494-CRIB2	61535
11:49	MA19494-ICV1	61350
11:56	MA19494-ICV2	61493
12:03	MA19494-ICV3	61399
12:14	MA19494-ICB1	60883
12:25	MA19494-CCV1	59998
12:33	MA19494-CCB1	60873
12:40	MA19494-ICSA1	56326
12:47	MA19494-ICSAB1	56022
12:53	MA19494-CCV2	59772
12:59	MA19494-CCB2	61278
13:10	ZZZZZZ	60649
13:19	MP39917-MB1	61937
13:24	MP39917-B1	61491
13:29	J64091-1	61228
13:36	ZZZZZZ	61246
13:41	MA19494-CCV3	61128
13:48	MA19494-CCB3	62189
13:55	ZZZZZZ	61537
14:01	ZZZZZZ	61119
14:07	ZZZZZZ	61684
14:13	ZZZZZZ	61265

INTERNAL STANDARD SUMMARY

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IT0719M2.DAT Date Analyzed: 07/19/07 Methods: EPA 200.7, SW846 6010B
Analyst: ND Run ID: MA19494
Parameters: Fe

Time	Sample Description	Istd#1
14:19	ZZZZZZ	62314
14:26	ZZZZZZ	62403
14:32	ZZZZZZ	61023
14:38	ZZZZZZ	62601
14:44	ZZZZZZ	61839
14:53	MA19494-CCV4	62028
15:00	MA19494-CCB4	63194
15:06	ZZZZZZ	98833 !
15:16	ZZZZZZ	62818
15:26	MP39804-SD1	62796
15:31	ZZZZZZ	69013
15:37	ZZZZZZ	66852
15:42	J65603-1	70904
15:47	ZZZZZZ	71784
15:53	ZZZZZZ	70548
16:01	ZZZZZZ	65700
16:11	MA19494-CCV5	61512
16:18	MA19494-CCB5	62529
16:29	ZZZZZZ	62627
16:36	J64665-3	64911
16:40	ZZZZZZ	65040
16:48	MP39875-MB1	62504
16:53	ZZZZZZ	62658
16:59	ZZZZZZ	62614
17:09	MP39908-MB1	62498
17:15	MP39908-LC1	61989
17:22	MA19494-CCV6	61318
17:28	MA19494-CCB6	62093
17:38	MP39924-MB1	62545
17:45	MP39924-MB1	62198
17:59	ZZZZZZ	62554
18:05	MP39924-LC1	61851
18:11	MP39924-S1	62040

INTERNAL STANDARD SUMMARY

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IT0719M2.DAT Date Analyzed: 07/19/07 Methods: EPA 200.7, SW846 6010B
Analyst: ND Run ID: MA19494
Parameters: Fe

Time	Sample Description	Istd#1
18:17	MP39924-S2	62144
18:23	J66376-4	62516
18:29	MP39924-SD1	61932
18:35	ZZZZZZ	62403
18:42	MA19494-CCV7	60235
18:48	MA19494-CCB7	61638
18:56	MA19494-CRIB3	61354
19:09	MA19494-ICSA2	57042
19:30	MA19494-ICSAB2	56847
19:36	MA19494-CCV8	60739
19:42	MA19494-CCB8	61659
19:54	ZZZZZZ	62982
20:00	ZZZZZZ	62812
20:06	ZZZZZZ	62773
20:13	ZZZZZZ	62944
20:19	ZZZZZZ	62982
20:25	ZZZZZZ	62611
20:31	ZZZZZZ	63090
20:37	ZZZZZZ	63419
20:42	ZZZZZZ	62060
20:49	MA19494-CCV9	61120
20:55	MA19494-CCB9	62205
21:01	ZZZZZZ	62115
21:07	ZZZZZZ	62330
21:14	ZZZZZZ	62178
21:20	ZZZZZZ	61984
21:26	ZZZZZZ	61506
21:32	ZZZZZZ	60178
21:38	ZZZZZZ	61171
21:44	MP39908-S1	60419
21:50	MP39908-S2	61797
21:57	MA19494-CCV10	60570
22:03	MA19494-CCB10	62112

INTERNAL STANDARD SUMMARY

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IT0719M2.DAT Date Analyzed: 07/19/07 Methods: EPA 200.7, SW846 6010B
Analyst: ND Run ID: MA19494
Parameters: Fe

Time	Sample Description	Istd#1
22:09	J65739-10	60780
22:15	MP39908-SD1	61485
22:21	ZZZZZZ	60127
22:28	ZZZZZZ	65014
22:34	ZZZZZZ	60547
22:40	ZZZZZZ	59748
22:46	ZZZZZZ	60380
22:52	ZZZZZZ	59397
22:58	ZZZZZZ	62549
23:04	MA19494-CCV11	60888
23:11	MA19494-CCB11	61810
23:17	ZZZZZZ	60374
23:23	ZZZZZZ	60620
23:29	MA19494-CCV12	60510
23:36	MA19494-CCB12	61603
23:53	MA19494-ICSA3	56328
00:00	MA19494-ICSAB3	56167
00:06	MA19494-CCV13	60609
00:12	MA19494-CCB13	62692
00:19	ZZZZZZ	63921
00:25	ZZZZZZ	63154
00:31	MP39890-S1	68081
00:37	MP39890-S2	68882
00:43	MP39890-SD1	64390
00:49	ZZZZZZ	107721 !
00:55	MP39786-S3	66214
01:02	MP39786-S4	65474
01:08	MP39786-SD2	63751
01:14	MA19494-CCV14	62036
01:20	MA19494-CCB14	62993
01:26	ZZZZZZ	61054
01:33	ZZZZZZ	60964
01:39	ZZZZZZ	61974

INTERNAL STANDARD SUMMARY

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IT0719M2.DAT Date Analyzed: 07/19/07 Methods: EPA 200.7, SW846 6010B
Analyst: ND Run ID: MA19494
Parameters: Fe

Time	Sample Description	Istd#1
01:45	ZZZZZZ	62436
01:51	ZZZZZZ	64054
01:57	ZZZZZZ	60973
02:03	ZZZZZZ	62942
02:09	ZZZZZZ	62989
02:15	ZZZZZZ	63136
02:22	ZZZZZZ	63303
02:28	MA19494-CCV15	61801
02:34	MA19494-CCB15	63055
02:40	ZZZZZZ	63071
02:46	ZZZZZZ	62703
02:53	ZZZZZZ	61736
02:59	ZZZZZZ	61372
03:05	ZZZZZZ	63643
03:11	ZZZZZZ	62254
03:17	ZZZZZZ	62485
03:23	MP39885-MB1	63219
03:29	MP39885-LC1	62765
03:36	MP39885-S1	62516
03:42	MA19494-CCV16	61613
03:48	MA19494-CCB16	62724
03:54	MP39885-S2	62046
04:00	J65027-5	62755
04:07	MP39885-SD1	62934
04:13	ZZZZZZ	62627
04:19	ZZZZZZ	61371
04:25	ZZZZZZ	63215
04:31	ZZZZZZ	62775
04:37	ZZZZZZ	61128
04:43	ZZZZZZ	62146
04:50	ZZZZZZ	63024
04:56	MA19494-CCV17	61934
05:02	MA19494-CCB17	62709

INTERNAL STANDARD SUMMARY

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IT0719M2.DAT Date Analyzed: 07/19/07 Methods: EPA 200.7, SW846 6010B
Analyst: ND Run ID: MA19494
Parameters: Fe

Time	Sample Description	Istd#1
05:08	ZZZZZZ	63051
05:14	ZZZZZZ	63870
05:21	ZZZZZZ	64250
05:27	ZZZZZZ	63159
05:33	ZZZZZZ	62540
05:39	MP39917-S1	63070
05:45	MP39917-S2	62571
05:51	MP39917-SD1	63290
05:57	MP39904-MB1	63962
06:04	MP39904-B1	63036
06:10	MA19494-CCV18	61468
06:16	MA19494-CCB18	63260
06:22	MP39904-S1	66464
06:29	MP39904-S2	65750
06:35	J65364-2	66500
06:41	MP39904-SD1	64067
06:47	ZZZZZZ	66681
06:53	ZZZZZZ	66868
06:59	ZZZZZZ	66045
07:05	ZZZZZZ	63248
07:11	ZZZZZZ	67952
07:17	ZZZZZZ	66989
07:24	MA19494-CCV19	62421
07:30	MA19494-CCB19	63794
07:37	MA19494-ICSA4	58688
07:44	MA19494-ICSAB4	58691
07:50	MA19494-CCV20	61825
07:56	MA19494-CCB20	62768
08:04	MP39882-MB2	62716
08:10	MP39882-LC2	62850
08:15	ZZZZZZ	63220
08:21	MP39936-MB1	63898
08:26	ZZZZZZ	60698

INTERNAL STANDARD SUMMARY

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IT0719M2.DAT Date Analyzed: 07/19/07 Methods: EPA 200.7, SW846 6010B
Analyst: ND Run ID: MA19494
Parameters: Fe

Time	Sample Description	Istd#1
08:32	ZZZZZZ	64488
08:44	ZZZZZZ	69273
08:50	ZZZZZZ	66755
08:56	MA19494-CCV21	64520
09:02	MA19494-CCB21	65285
09:17	MP39941-B1	65863
09:22	ZZZZZZ	69419
09:28	ZZZZZZ	68405
09:34	ZZZZZZ	66428
09:39	ZZZZZZ	66303
09:44	ZZZZZZ	65160
09:49	MP39941-MB1	112204 !
09:55	MA19494-CCV22	61884
10:01	MA19494-CCB22	64625
10:14	MA19494-ICSA5	56646
10:21	MA19494-ICSAB5	58438
10:27	MA19494-CCV23	61964
10:34	MA19494-CCB23	63221

R = Reference for ISTD limits. ! = Outside limits.

LEGEND:

Istd#	Parameter	Limits
Istd#1	Yttrium	60-125 %

6.2.1

6

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IT0719M2.DAT Date Analyzed: 07/19/07 Methods: EPA 200.7, SW846 6010B
QC Limits: result < RL Run ID: MA19494 Units: ug/l

Time:			12:14		12:33		12:59		13:48	
Sample ID:			ICB1		CCB1		CCB2		CCB3	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	23	anr							
Antimony	6.0	3	anr							
Arsenic	8.0	3.2	anr							
Barium	200	.5	anr							
Beryllium	1.0	.2	anr							
Cadmium	4.0	.8	anr							
Calcium	5000	32								
Chromium	10	1.6	anr							
Cobalt	50	.9								
Copper	25	1.1	anr							
Iron	100	43	2.7	<100	-14	<100	11.0	<100	1.3	<100
Lead	3.0	2.9	anr							
Magnesium	5000	20	anr							
Manganese	15	.8	anr							
Molybdenum	20	1.7								
Nickel	40	1.7	anr							
Palladium	50	2.2								
Potassium	10000	13								
Selenium	10	3.3	anr							
Silicon	200	13	anr							
Silver	10	.6	anr							
Sodium	10000	180	anr							
Thallium	10	5.1	anr							
Tin	10	2.4								
Vanadium	50	1								
Zinc	20	3.7	anr							

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IT0719M2.DAT Date Analyzed: 07/19/07 Methods: EPA 200.7, SW846 6010B
QC Limits: result < RL Run ID: MA19494 Units: ug/l

Time:			15:00		16:18		17:28		18:48	
Sample ID:			CCB4		CCB5		CCB6		CCB7	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	23	anr							
Antimony	6.0	3	anr							
Arsenic	8.0	3.2	anr							
Barium	200	.5	anr							
Beryllium	1.0	.2	anr							
Cadmium	4.0	.8	anr							
Calcium	5000	32								
Chromium	10	1.6	anr							
Cobalt	50	.9								
Copper	25	1.1	anr							
Iron	100	43	-17	<100	12.8	<100	-9.9	<100	-9.1	<100
Lead	3.0	2.9	anr							
Magnesium	5000	20	anr							
Manganese	15	.8	anr							
Molybdenum	20	1.7								
Nickel	40	1.7	anr							
Palladium	50	2.2								
Potassium	10000	13								
Selenium	10	3.3	anr							
Silicon	200	13	anr							
Silver	10	.6	anr							
Sodium	10000	180	anr							
Thallium	10	5.1	anr							
Tin	10	2.4								
Vanadium	50	1								
Zinc	20	3.7	anr							

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IT0719M2.DAT Date Analyzed: 07/19/07 Methods: EPA 200.7, SW846 6010B
QC Limits: result < RL Run ID: MA19494 Units: ug/l

Time:			19:42		20:55		22:03		23:11	
Sample ID:			CCB8		CCB9		CCB10		CCB11	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	23	anr							
Antimony	6.0	3	anr							
Arsenic	8.0	3.2	anr							
Barium	200	.5	anr							
Beryllium	1.0	.2	anr							
Cadmium	4.0	.8	anr							
Calcium	5000	32	anr							
Chromium	10	1.6	anr							
Cobalt	50	.9								
Copper	25	1.1	anr							
Iron	100	43	22.7	<100	14.9	<100	5.4	<100	-3.7	<100
Lead	3.0	2.9	anr							
Magnesium	5000	20	anr							
Manganese	15	.8	anr							
Molybdenum	20	1.7								
Nickel	40	1.7	anr							
Palladium	50	2.2								
Potassium	10000	13								
Selenium	10	3.3	anr							
Silicon	200	13	anr							
Silver	10	.6	anr							
Sodium	10000	180	anr							
Thallium	10	5.1	anr							
Tin	10	2.4								
Vanadium	50	1								
Zinc	20	3.7	anr							

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IT0719M2.DAT Date Analyzed: 07/19/07 Methods: EPA 200.7, SW846 6010B
QC Limits: result < RL Run ID: MA19494 Units: ug/l

Time:			23:36		00:12		01:20		02:34	
Sample ID:			CCB12		CCB13		CCB14		CCB15	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	23	anr							
Antimony	6.0	3	anr							
Arsenic	8.0	3.2	anr							
Barium	200	.5	anr							
Beryllium	1.0	.2	anr							
Cadmium	4.0	.8	anr							
Calcium	5000	32	anr							
Chromium	10	1.6	anr							
Cobalt	50	.9								
Copper	25	1.1	anr							
Iron	100	43	6.6	<100	28.8	<100	12.1	<100	1.8	<100
Lead	3.0	2.9	anr							
Magnesium	5000	20	anr							
Manganese	15	.8	anr							
Molybdenum	20	1.7								
Nickel	40	1.7	anr							
Palladium	50	2.2								
Potassium	10000	13								
Selenium	10	3.3	anr							
Silicon	200	13	anr							
Silver	10	.6	anr							
Sodium	10000	180	anr							
Thallium	10	5.1	anr							
Tin	10	2.4								
Vanadium	50	1								
Zinc	20	3.7	anr							

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IT0719M2.DAT Date Analyzed: 07/19/07 Methods: EPA 200.7, SW846 6010B
QC Limits: result < RL Run ID: MA19494 Units: ug/l

Time:			03:48		05:02		06:16		07:30	
Sample ID:			CCB16		CCB17		CCB18		CCB19	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	23	anr							
Antimony	6.0	3	anr							
Arsenic	8.0	3.2	anr							
Barium	200	.5	anr							
Beryllium	1.0	.2	anr							
Cadmium	4.0	.8	anr							
Calcium	5000	32	anr							
Chromium	10	1.6	anr							
Cobalt	50	.9								
Copper	25	1.1	anr							
Iron	100	43	-2.1	<100	-8.3	<100	-22	<100	13.6	<100
Lead	3.0	2.9	anr							
Magnesium	5000	20	anr							
Manganese	15	.8	anr							
Molybdenum	20	1.7								
Nickel	40	1.7	anr							
Palladium	50	2.2								
Potassium	10000	13								
Selenium	10	3.3	anr							
Silicon	200	13	anr							
Silver	10	.6	anr							
Sodium	10000	180	anr							
Thallium	10	5.1	anr							
Tin	10	2.4								
Vanadium	50	1								
Zinc	20	3.7	anr							

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IT0719M2.DAT Date Analyzed: 07/19/07 Methods: EPA 200.7, SW846 6010B
QC Limits: result < RL Run ID: MA19494 Units: ug/l

Time:			07:56		09:02		10:01		10:34	
Sample ID:			CCB20		CCB21		CCB22		CCB23	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	23	anr							
Antimony	6.0	3	anr							
Arsenic	8.0	3.2	anr							
Barium	200	.5	anr							
Beryllium	1.0	.2	anr							
Cadmium	4.0	.8	anr							
Calcium	5000	32	anr							
Chromium	10	1.6	anr							
Cobalt	50	.9								
Copper	25	1.1	anr							
Iron	100	43	8.2	<100	-11	<100	27.0	<100	1.2	<100
Lead	3.0	2.9	anr							
Magnesium	5000	20	anr							
Manganese	15	.8	anr							
Molybdenum	20	1.7								
Nickel	40	1.7	anr							
Palladium	50	2.2								
Potassium	10000	13								
Selenium	10	3.3	anr							
Silicon	200	13	anr							
Silver	10	.6	anr							
Sodium	10000	180	anr							
Thallium	10	5.1	anr							
Tin	10	2.4								
Vanadium	50	1								
Zinc	20	3.7	anr							

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IT0719M2.DAT Date Analyzed: 07/19/07 Methods: EPA 200.7, SW846 6010B
QC Limits: 95 to 105 % Recovery Run ID: MA19494 Units: ug/l

Time:		11:49			11:56			12:03	
Sample ID:	ICV	ICV1		ICV	ICV2		ICV	ICV3	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	anr								
Antimony	anr								
Arsenic	anr								
Barium	anr								
Beryllium	anr								
Cadmium	anr								
Calcium									
Chromium	anr								
Cobalt									
Copper	anr								
Iron	5000	4960	99.2						
Lead	anr								
Magnesium	anr								
Manganese	anr								
Molybdenum									
Nickel	anr								
Palladium									
Potassium									
Selenium	anr								
Silicon									
Silver	anr								
Sodium	anr								
Thallium	anr								
Tin									
Vanadium									
Zinc	anr								

(*) Outside of QC limits
(anr) Analyte not requested

6.2.3
6

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IT0719M2.DAT Date Analyzed: 07/19/07 Methods: EPA 200.7, SW846 6010B
QC Limits: 95 to 105 % Recovery Run ID: MA19494 Units: ug/l

Time:		12:25			12:53			13:41	
Sample ID:	CCV	CCV1		CCV	CCV2		CCV	CCV3	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	anr								
Antimony	anr								
Arsenic	anr								
Barium	anr								
Beryllium	anr								
Cadmium	anr								
Calcium									
Chromium	anr								
Cobalt									
Copper	anr								
Iron	40000	39400	98.5	40000	40100	100.3	40000	40100	100.3
Lead	anr								
Magnesium	anr								
Manganese	anr								
Molybdenum									
Nickel	anr								
Palladium									
Potassium									
Selenium	anr								
Silicon	anr								
Silver	anr								
Sodium	anr								
Thallium	anr								
Tin									
Vanadium									
Zinc	anr								

(*) Outside of QC limits
(anr) Analyte not requested

6.2.3
6

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IT0719M2.DAT Date Analyzed: 07/19/07 Methods: EPA 200.7, SW846 6010B
QC Limits: 95 to 105 % Recovery Run ID: MA19494 Units: ug/l

Time:		14:53			16:11			17:22	
Sample ID:	CCV	CCV4		CCV	CCV5		CCV	CCV6	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	anr								
Antimony	anr								
Arsenic	anr								
Barium	anr								
Beryllium	anr								
Cadmium	anr								
Calcium									
Chromium	anr								
Cobalt									
Copper	anr								
Iron	40000	39800	99.5	40000	39600	99.0	40000	39600	99.0
Lead	anr								
Magnesium	anr								
Manganese	anr								
Molybdenum									
Nickel	anr								
Palladium									
Potassium									
Selenium	anr								
Silicon	anr								
Silver	anr								
Sodium	anr								
Thallium	anr								
Tin									
Vanadium									
Zinc	anr								

(*) Outside of QC limits
(anr) Analyte not requested

6.2.3
6

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IT0719M2.DAT Date Analyzed: 07/19/07 Methods: EPA 200.7, SW846 6010B
QC Limits: 95 to 105 % Recovery Run ID: MA19494 Units: ug/l

Time:		18:42			19:36			20:49	
Sample ID:	CCV	CCV7		CCV	CCV8		CCV	CCV9	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	anr								
Antimony	anr								
Arsenic	anr								
Barium	anr								
Beryllium	anr								
Cadmium	anr								
Calcium	anr								
Chromium	anr								
Cobalt									
Copper	anr								
Iron	40000	39800	99.5	40000	40200	100.5	40000	40400	101.0
Lead	anr								
Magnesium	anr								
Manganese	anr								
Molybdenum									
Nickel	anr								
Palladium									
Potassium									
Selenium	anr								
Silicon	anr								
Silver	anr								
Sodium	anr								
Thallium	anr								
Tin									
Vanadium									
Zinc	anr								

(*) Outside of QC limits
(anr) Analyte not requested

6.2.3
6

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IT0719M2.DAT Date Analyzed: 07/19/07 Methods: EPA 200.7, SW846 6010B
QC Limits: 95 to 105 % Recovery Run ID: MA19494 Units: ug/l

Time:		21:57			23:04			23:29		
Sample ID:	CCV	CCV10		CCV	CCV11		CCV	CCV12		
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec	
Aluminum	anr									
Antimony	anr									
Arsenic	anr									
Barium	anr									
Beryllium	anr									
Cadmium	anr									
Calcium	anr									
Chromium	anr									
Cobalt										
Copper	anr									
Iron	40000	40600	101.5	40000	40500	101.3	40000	40700	101.8	
Lead	anr									
Magnesium	anr									
Manganese	anr									
Molybdenum										
Nickel	anr									
Palladium										
Potassium										
Selenium	anr									
Silicon	anr									
Silver	anr									
Sodium	anr									
Thallium	anr									
Tin										
Vanadium										
Zinc	anr									

(*) Outside of QC limits
(anr) Analyte not requested

6.2.3
6

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IT0719M2.DAT Date Analyzed: 07/19/07 Methods: EPA 200.7, SW846 6010B
QC Limits: 95 to 105 % Recovery Run ID: MA19494 Units: ug/l

Time:		00:06			01:14			02:28		
Sample ID:	CCV	CCV13		CCV	CCV14		CCV	CCV15		
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec	
Aluminum	anr									
Antimony	anr									
Arsenic	anr									
Barium	anr									
Beryllium	anr									
Cadmium	anr									
Calcium	anr									
Chromium	anr									
Cobalt										
Copper	anr									
Iron	40000	40700	101.8	40000	40400	101.0	40000	40700	101.8	
Lead	anr									
Magnesium	anr									
Manganese	anr									
Molybdenum										
Nickel	anr									
Palladium										
Potassium										
Selenium	anr									
Silicon	anr									
Silver	anr									
Sodium	anr									
Thallium	anr									
Tin										
Vanadium										
Zinc	anr									

(*) Outside of QC limits
(anr) Analyte not requested

6.2.3
6

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IT0719M2.DAT Date Analyzed: 07/19/07 Methods: EPA 200.7, SW846 6010B
QC Limits: 95 to 105 % Recovery Run ID: MA19494 Units: ug/l

Time:		03:42			04:56			06:10	
Sample ID:	CCV	CCV16		CCV	CCV17		CCV	CCV18	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	anr								
Antimony	anr								
Arsenic	anr								
Barium	anr								
Beryllium	anr								
Cadmium	anr								
Calcium	anr								
Chromium	anr								
Cobalt									
Copper	anr								
Iron	40000	40900	102.3	40000	40400	101.0	40000	41700	104.3
Lead	anr								
Magnesium	anr								
Manganese	anr								
Molybdenum									
Nickel	anr								
Palladium									
Potassium									
Selenium	anr								
Silicon	anr								
Silver	anr								
Sodium	anr								
Thallium	anr								
Tin									
Vanadium									
Zinc	anr								

(*) Outside of QC limits
(anr) Analyte not requested

6.2.3

6

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IT0719M2.DAT Date Analyzed: 07/19/07 Methods: EPA 200.7, SW846 6010B
QC Limits: 95 to 105 % Recovery Run ID: MA19494 Units: ug/l

Time:		07:24			07:50			08:56	
Sample ID:	CCV	CCV19		CCV	CCV20		CCV	CCV21	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	anr								
Antimony	anr								
Arsenic	anr								
Barium	anr								
Beryllium	anr								
Cadmium	anr								
Calcium	anr								
Chromium	anr								
Cobalt									
Copper	anr								
Iron	40000	41200	103.0	40000	40500	101.3	40000	40400	101.0
Lead	anr								
Magnesium	anr								
Manganese	anr								
Molybdenum									
Nickel	anr								
Palladium									
Potassium									
Selenium	anr								
Silicon	anr								
Silver	anr								
Sodium	anr								
Thallium	anr								
Tin									
Vanadium									
Zinc	anr								

(*) Outside of QC limits
(anr) Analyte not requested

6.2.3
6

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IT0719M2.DAT Date Analyzed: 07/19/07 Methods: EPA 200.7, SW846 6010B
QC Limits: 95 to 105 % Recovery Run ID: MA19494 Units: ug/l

Time:		09:55			10:27		
Sample ID:	CCV	CCV22		CCV	CCV23		
Metal	True	Results	% Rec	True	Results	% Rec	
Aluminum	anr						
Antimony	anr						
Arsenic	anr						
Barium	anr						
Beryllium	anr						
Cadmium	anr						
Calcium	anr						
Chromium	anr						
Cobalt							
Copper	anr						
Iron	40000	39800	99.5	40000	40700	101.8	
Lead	anr						
Magnesium	anr						
Manganese	anr						
Molybdenum							
Nickel	anr						
Palladium							
Potassium							
Selenium	anr						
Silicon	anr						
Silver	anr						
Sodium	anr						
Thallium	anr						
Tin							
Vanadium							
Zinc	anr						

(*) Outside of QC limits
(anr) Analyte not requested

6.2.3
6

HIGH STANDARD CHECK SUMMARY

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IT0719M2.DAT Date Analyzed: 07/19/07 Methods: EPA 200.7, SW846 6010B
QC Limits: 95 to 105 % Recovery Run ID: MA19494 Units: ug/l

Time:		11:30	
Sample ID:	HSTD	HSTD1	
Metal	True	Results	% Rec
Aluminum	anr		
Antimony	anr		
Arsenic	anr		
Barium	anr		
Beryllium	anr		
Cadmium	anr		
Calcium			
Chromium	anr		
Cobalt			
Copper	anr		
Iron	80000	79400	99.3
Lead	anr		
Magnesium	anr		
Manganese	anr		
Molybdenum			
Nickel	anr		
Palladium			
Potassium			
Selenium	anr		
Silicon	anr		
Silver	anr		
Sodium	anr		
Thallium	anr		
Tin			
Vanadium			
Zinc	anr		

(*) Outside of QC limits
(anr) Analyte not requested

6.2.4
6

INITIAL LOW CALIBRATION CHECK STANDARD SUMMARY

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IT0719M2.DAT Date Analyzed: 07/19/07 Methods: EPA 200.7, SW846 6010B
QC Limits: 50 to 150 % Recovery Run ID: MA19494 Units: ug/l

Time:		11:36		11:42		18:56	
Sample ID:	CRIB	CRIB1		CRIB2		CRIB3	
Metal	True	Results	% Rec	Results	% Rec	Results	% Rec
Aluminum	400						
Antimony	12						
Arsenic	16						
Barium	400						
Beryllium	2.0						
Cadmium	8.0						
Calcium	5000						
Chromium	20						
Cobalt	100						
Copper	50						
Iron	200	243	121.5			243	121.5
Lead	6.0						
Magnesium	5000						
Manganese	30						
Molybdenum	40						
Nickel	80						
Palladium	100						
Potassium	10000						
Selenium	20						
Silicon	400						
Silver	20						
Sodium	10000						
Thallium	20						
Tin	20						
Vanadium	100						
Zinc	40						

(*) Outside of QC limits
(anr) Analyte not requested

INTERFERING ELEMENT CHECK STANDARDS SUMMARY
Part 1 - ICSA and ICSAB Standards

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IT0719M2.DAT Date Analyzed: 07/19/07 Methods: EPA 200.7, SW846 6010B
QC Limits: 80 to 120 % Recovery Run ID: MA19494 Units: ug/l

Time:			12:40		12:47		19:09		19:30	
Sample ID:	ICSA	ICSAB	ICSA1		ICSAB1		ICSA2		ICSAB2	
Metal	True	True	Results	% Rec	Results	% Rec	Results	% Rec	Results	% Rec
Aluminum	500000	500000	508000	101.6	513000	102.6	511000	102.2	510000	102.0
Antimony		1000	3.5		1060	106.0	-1.3		1020	102.0
Arsenic		1000	4.0		1050	105.0	5.2		1060	106.0
Barium		500	0.38		534	106.8	0.27		525	105.0
Beryllium		500	0.50		518	103.6	0.29		506	101.2
Cadmium		1000	1.8		1030	103.0	1.3		1010	101.0
Calcium	400000	400000	377000	94.3	386000	96.5	378000	94.5	390000	97.5
Chromium		500	-1.2		490	98.0	-1.3		482	96.4
Cobalt		500	-0.15		526	105.2	-0.39		512	102.4
Copper		500	-4.3		529	105.8	-5.6		519	103.8
Iron	200000	200000	190000	95.0	190000	95.0	181000	90.5	185000	92.5
Lead		1000	-0.13		1040	104.0	-0.99		1010	101.0
Magnesium	500000	500000	508000	101.6	520000	104.0	508000	101.6	522000	104.4
Manganese		500	2.6		511	102.2	2.2		502	100.4
Molybdenum		500	-3.9		506	101.2	-2.5		511	102.2
Nickel		1000	-2.4		977	97.7	-4.9		962	96.2
Palladium		500	-7.8		538	107.6	-7.7		529	105.8
Potassium			2940		2970		2840		2900	
Selenium		1000	-11		1020	102.0	-7.3		1030	103.0
Silicon			152		-54		-49		-220	
Silver		1000	-2.7		1070	107.0	-2.7		1050	105.0
Sodium			-2400		-2400		-2400		-2200	
Thallium		1000	-8.3		1000	100.0	3.6		1040	104.0
Tin			11.7		13.0		12.0		11.0	
Vanadium		500	-6.0		511	102.2	-5.9		512	102.4
Zinc		1000	-9.1		996	99.6	-10		970	97.0

(*) Outside of QC limits
(anr) Analyte not requested

INTERFERING ELEMENT CHECK STANDARDS SUMMARY
Part 1 - ICSA and ICSAB Standards

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IT0719M2.DAT Date Analyzed: 07/19/07 Methods: EPA 200.7, SW846 6010B
QC Limits: 80 to 120 % Recovery Run ID: MA19494 Units: ug/l

Time:			23:53		00:00		07:37		07:44	
Sample ID:	ICSA	ICSAB	ICSA3		ICSAB3		ICSA4		ICSAB4	
Metal	True	True	Results	% Rec	Results	% Rec	Results	% Rec	Results	% Rec
Aluminum	500000	500000	521000	104.2	516000	103.2	507000	101.4	500000	100.0
Antimony		1000	-1.5		1050	105.0	-4.4		984	98.4
Arsenic		1000	5.1		1070	107.0	5.5		1040	104.0
Barium		500	0.38		530	106.0	0.54		516	103.2
Beryllium		500	0.40		514	102.8	0.37		487	97.4
Cadmium		1000	1.6		1030	103.0	-0.13		959	95.9
Calcium	400000	400000	389000	97.3	397000	99.3	370000	92.5	377000	94.3
Chromium		500	-1.1		488	97.6	-1.2		471	94.2
Cobalt		500	0.36		520	104.0	-0.063		488	97.6
Copper		500	-4.8		526	105.2	-6.3		508	101.6
Iron	200000	200000	184000	92.0	186000	93.0	184000	92.0	185000	92.5
Lead		1000	-0.69		1020	102.0	-2.0		962	96.2
Magnesium	500000	500000	519000	103.8	526000	105.2	512000	102.4	519000	103.8
Manganese		500	2.7		507	101.4	3.0		486	97.2
Molybdenum		500	-3.3		515	103.0	-3.5		513	102.6
Nickel		1000	-3.8		977	97.7	-4.8		926	92.6
Palladium		500	-4.2		537	107.4	-6.3		514	102.8
Potassium			2930		2940		2770		2780	
Selenium		1000	-8.9		1040	104.0	-12		999	99.9
Silicon			-41		-220		-48		-210	
Silver		1000	-1.9		1060	106.0	-3.6		1030	103.0
Sodium			-2400		-2400		-2200		-2200	
Thallium		1000	-2.4		1040	104.0	1.2		1030	103.0
Tin			13.1		13.9		10.9		13.6	
Vanadium		500	-5.3		515	103.0	-5.9		519	103.8
Zinc		1000	-10		985	98.5	-10		924	92.4

(*) Outside of QC limits
(anr) Analyte not requested

INTERFERING ELEMENT CHECK STANDARDS SUMMARY
Part 1 - ICSA and ICSAB Standards

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IT0719M2.DAT Date Analyzed: 07/19/07 Methods: EPA 200.7, SW846 6010B
QC Limits: 80 to 120 % Recovery Run ID: MA19494 Units: ug/l

Time:			10:14		10:21	
Sample ID:	ICSA	ICSAB	ICSA5		ICSAB5	
Metal	True	True	Results	% Rec	Results	% Rec
Aluminum	500000	500000	509000	101.8	499000	99.8
Antimony		1000	-3.3		983	98.3
Arsenic		1000	3.8		1030	103.0
Barium		500	0.52		515	103.0
Beryllium		500	0.36		484	96.8
Cadmium		1000	0.14		946	94.6
Calcium	400000	400000	359000	89.8	375000	93.8
Chromium		500	-1.2		467	93.4
Cobalt		500	-0.19		486	97.2
Copper		500	-6.2		507	101.4
Iron	200000	200000	178000	89.0	183000	91.5
Lead		1000	-2.6		951	95.1
Magnesium	500000	500000	492000	98.4	512000	102.4
Manganese		500	2.5		483	96.6
Molybdenum		500	-4.0		509	101.8
Nickel		1000	-4.9		916	91.6
Palladium		500	-7.5		514	102.8
Potassium			2620		2810	
Selenium		1000	-14		987	98.7
Silicon			-45		-220	
Silver		1000	-2.6		1020	102.0
Sodium			-2200		-2200	
Thallium		1000	0.54		1020	102.0
Tin			11.1		12.7	
Vanadium		500	-6.8		511	102.2
Zinc		1000	-10		913	91.3

(*) Outside of QC limits
(anr) Analyte not requested

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IT0720M2.DAT Date Analyzed: 07/20/07 Methods: EPA 200.7, SW846 6010B
Analyst: ND Run ID: MA19501
Parameters: Fe

Time	Sample Description	Dilution Factor	PS Recov	Comments
11:02	MA19501-STD1	1		STDA
11:08	MA19501-STD2	1		STDB
11:14	MA19501-STD3	1		STDC
11:21	MA19501-STD4	1		STDD
11:27	MA19501-STD5	1		STDE
11:33	MA19501-STD6	1		STDF
11:40	MA19501-STD7	1		STDG
11:46	MA19501-STD8	1		STDH
11:52	MA19501-STD9	1		STDI
12:11	MA19501-STD10	1		STDC
12:28	MA19501-HSTD1	1		
12:35	MA19501-CRIB1	1		
12:41	MA19501-CRIB2	1		
12:47	MA19501-ICV1	1		
12:54	MA19501-ICB1	1		
13:00	MA19501-CCV1	1		
13:07	MA19501-CCB1	1		
13:15	MA19501-ICSA1	1		
13:22	MA19501-ICSAB1	1		
13:28	MA19501-CCV2	1		
13:34	MA19501-CCB2	1		
13:41	ZZZZZZ	1		
13:52	ZZZZZZ	1		
13:58	ZZZZZZ	1		
14:04	ZZZZZZ	1		
14:10	ZZZZZZ	1		
14:17	MP39898-MB2	1		
14:23	MP39898-LC1	1		
14:29	ZZZZZZ	1		
14:35	MA19501-CCV3	1		
14:41	MA19501-CCB3	1		
14:48	ZZZZZZ	1		
14:54	ZZZZZZ	2		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IT0720M2.DAT Date Analyzed: 07/20/07 Methods: EPA 200.7, SW846 6010B
Analyst: ND Run ID: MA19501
Parameters: Fe

Time	Sample Description	Dilution Factor	PS Recov	Comments
14:59	ZZZZZZ	1		
15:06	ZZZZZZ	5		
15:11	MP39934-LC1	1		
15:16	MP39934-MB1	1		
15:30	ZZZZZZ	1		
15:36	ZZZZZZ	1		
15:42	MP39938-MB1	1		
15:47	MA19501-CCV4	1		
15:54	MA19501-CCB4	1		
16:00	ZZZZZZ	1		
16:06	ZZZZZZ	1		
16:12	ZZZZZZ	1		
16:17	ZZZZZZ	1		
16:25	MP39948-MB1	1		
16:30	MP39948-LC1	1		
16:37	ZZZZZZ	1		
16:47	ZZZZZZ	1		
16:53	MA19501-CCV5	1		
16:59	MA19501-CCB5	1		
17:08	ZZZZZZ	1		
17:14	ZZZZZZ	1		
17:20	MP39938-B1	1		
17:27	MP39938-LC1	1		
17:33	MP39938-S1	1		High RSD
17:39	MP39938-S2	1		High RSD
17:45	J66467-2	1		(sample used for QC only; not part of login J65091)
17:51	MP39938-SD1	5		
18:08	MP39901-MB1	1		
18:14	MA19501-CCV6	1		
18:22	MA19501-CCB6	1		
18:28	MP39901-B1	1		
18:34	MP39901-LC1	1		
18:40	MP39901-S1	1		Needs post-spike

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IT0720M2.DAT Date Analyzed: 07/20/07 Methods: EPA 200.7, SW846 6010B
Analyst: ND Run ID: MA19501
Parameters: Fe

Time	Sample Description	Dilution Factor	PS Recov	Comments
18:46	MP39901-S2	1		
18:52	J65218-1A	1		(sample used for QC only; not part of login J65091)
18:59	MP39901-SD1	5		
19:05	ZZZZZZ	1		
19:14	MA19501-CRIB3	1		
19:21	MA19501-CRIB4	1		
19:27	MA19501-CCV7	1		
19:33	MA19501-CCB7	1		
19:40	MA19501-ICSA2	1		
19:46	MA19501-ICSAB2	1		
19:53	MA19501-CCV8	1		
20:00	MA19501-CCB8	1		
20:09	ZZZZZZ	1		
20:15	ZZZZZZ	1		
20:21	J65091-5	1		
---------->	Last reportable sample/prep for job J65091			
20:27	ZZZZZZ	1		
20:33	ZZZZZZ	1		
20:39	ZZZZZZ	1		
20:46	ZZZZZZ	1		
20:52	ZZZZZZ	1		
20:58	ZZZZZZ	1		
21:04	MA19501-CCV9	1		
21:10	MA19501-CCB9	1		
21:17	ZZZZZZ	1		
21:23	ZZZZZZ	1		
21:29	ZZZZZZ	1		
21:35	ZZZZZZ	1		
21:41	ZZZZZZ	1		
21:47	ZZZZZZ	1		
21:53	ZZZZZZ	1		
22:00	ZZZZZZ	1		
22:06	ZZZZZZ	1		
22:12	ZZZZZZ	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IT0720M2.DAT Date Analyzed: 07/20/07 Methods: EPA 200.7, SW846 6010B
Analyst: ND Run ID: MA19501
Parameters: Fe

Time	Sample Description	Dilution Factor	PS Recov	Comments
22:18	MA19501-CCV10	1		
22:24	MA19501-CCB10	1		
22:31	ZZZZZZ	1		
22:37	ZZZZZZ	1		
22:43	ZZZZZZ	1		
22:49	ZZZZZZ	1		
22:55	ZZZZZZ	1		
23:01	ZZZZZZ	1		
23:07	ZZZZZZ	1		
23:14	ZZZZZZ	1		
23:20	ZZZZZZ	1		
23:26	ZZZZZZ	1		
23:32	MA19501-CCV11	1		
23:38	MA19501-CCB11	1		
23:45	ZZZZZZ	1		
23:51	ZZZZZZ	1		
23:57	ZZZZZZ	1		
00:03	ZZZZZZ	1		
00:09	ZZZZZZ	1		
00:15	ZZZZZZ	1		
00:21	ZZZZZZ	1		
00:28	ZZZZZZ	1		
00:34	ZZZZZZ	1		
00:40	ZZZZZZ	1		
00:46	MA19501-CCV12	1		
00:52	MA19501-CCB12	1		
00:59	ZZZZZZ	1		
01:05	ZZZZZZ	1		
01:11	ZZZZZZ	1		
01:20	MP39911-MB1	1		
01:27	MP39911-LC1	1		
01:33	MP39911-S1	1		
01:39	MP39911-S2	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IT0720M2.DAT Date Analyzed: 07/20/07 Methods: EPA 200.7, SW846 6010B
Analyst: ND Run ID: MA19501
Parameters: Fe

	Time	Sample Description	Dilution Factor	PS Recov	Comments
	01:45	J65365-2	1		(sample used for QC only; not part of login J65091)
	01:51	MP39911-SD1	5		
	01:57	ZZZZZZ	1		
	02:03	MA19501-CCV13	1		
	02:10	MA19501-CCB13	1		
	02:16	MA19501-ICSA3	1		
	02:22	MA19501-ICSAB3	1		
	02:29	MA19501-CCV14	1		
	02:35	MA19501-CCB14	1		
---------->	Last reportable CCB for job J65091				
	02:41	ZZZZZZ	1		
	02:47	ZZZZZZ	1		
	02:54	ZZZZZZ	1		
	03:00	ZZZZZZ	1		
	03:06	ZZZZZZ	1		
	03:12	ZZZZZZ	1		
	03:18	ZZZZZZ	1		
	03:24	ZZZZZZ	1		
	03:30	ZZZZZZ	1		
	03:36	ZZZZZZ	1		
	03:43	MA19501-CCV15	1		
	03:49	MA19501-CCB15	1		
	03:55	ZZZZZZ	1		
	04:01	ZZZZZZ	1		
	04:08	ZZZZZZ	1		
	04:14	ZZZZZZ	1		
	04:20	ZZZZZZ	1		
	04:26	ZZZZZZ	1		
	04:32	ZZZZZZ	1		
	04:38	ZZZZZZ	1		
	04:44	ZZZZZZ	1		
	04:51	MA19501-CCV16	1		
	04:57	MA19501-CCB16	1		
	05:03	ZZZZZZ	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IT0720M2.DAT Date Analyzed: 07/20/07 Methods: EPA 200.7, SW846 6010B
Analyst: ND Run ID: MA19501
Parameters: Fe

Time	Sample Description	Dilution Factor	PS Recov	Comments
05:09	ZZZZZZ	1		
05:15	ZZZZZZ	1		
05:22	ZZZZZZ	1		
05:28	ZZZZZZ	1		
05:34	ZZZZZZ	1		
05:40	ZZZZZZ	1		
05:46	ZZZZZZ	1		
05:52	ZZZZZZ	1		
05:58	MA19501-CCV17	1		
06:05	MA19501-CCB17	1		
06:11	MP39821-MB1	1		CCV out
06:17	MP39821-B1	1		CCV out
06:23	MP39821-S1	1		CCV out
06:30	MP39821-S2	1		CCV out
06:36	J65561-1	1		(sample used for QC only; not part of login J65091)
06:42	MP39821-SD1	5		CCV out
06:48	MA19501-CCV18	1		
06:54	MA19501-CCB18	1		
07:19	MA19501-ICSA4	1		
07:25	MA19501-ICSAB4	1		
07:32	MA19501-CCV19	1		
07:38	MA19501-CCB19	1		
07:45	MA19501-CRIB5	1		
07:55	ZZZZZZ	1		
08:00	MP39863-S1	1		
08:06	MP39863-S2	1		
08:13	J65460-21	1		(sample used for QC only; not part of login J65091)
08:18	MP39863-SD1	5		
08:26	ZZZZZZ	1		
08:31	ZZZZZZ	1		
08:37	ZZZZZZ	1		
08:44	ZZZZZZ	1		
08:50	MA19501-CCV20	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IT0720M2.DAT Date Analyzed: 07/20/07 Methods: EPA 200.7, SW846 6010B
Analyst: ND Run ID: MA19501
Parameters: Fe

Time	Sample Description	Dilution Factor	PS Recov	Comments
08:56	MA19501-CCB20	1		
09:02	ZZZZZZ	1		
09:08	ZZZZZZ	1		
09:14	ZZZZZZ	1		
09:20	ZZZZZZ	2		
09:26	ZZZZZZ	1		
09:32	ZZZZZZ	1		
09:37	ZZZZZZ	1		
09:43	ZZZZZZ	1		
09:48	ZZZZZZ	1		
09:54	MA19501-CCV21	1		
10:01	MA19501-CCB21	1		
10:07	ZZZZZZ	1		
10:13	ZZZZZZ	1		
10:18	ZZZZZZ	1		
10:24	ZZZZZZ	1		
10:30	ZZZZZZ	1		
10:36	ZZZZZZ	1		
10:42	MA19501-CCV22	1		
10:48	MA19501-CCB22	1		
10:55	MA19501-CRIB6	1		
11:06	MA19501-ICSA5	1		
11:13	MA19501-ICSAB5	1		
11:19	MA19501-CCV23	1		
11:25	MA19501-CCB23	1		

Refer to raw data for calibration curve and standards.

INTERNAL STANDARD SUMMARY

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IT0720M2.DAT Date Analyzed: 07/20/07 Methods: EPA 200.7, SW846 6010B
Analyst: ND Run ID: MA19501
Parameters: Fe

Time	Sample Description	Istd#1
11:02	MA19501-STD1	62134 R
11:08	MA19501-STD2	62110
11:14	MA19501-STD3	62500
11:21	MA19501-STD4	62439
11:27	MA19501-STD5	62835
11:33	MA19501-STD6	61715
11:40	MA19501-STD7	60899
11:46	MA19501-STD8	60295
11:52	MA19501-STD9	60192
12:11	MA19501-STD10	62687
12:28	MA19501-HSTD1	60288
12:35	MA19501-CRIB1	62189
12:41	MA19501-CRIB2	62611
12:47	MA19501-ICV1	62562
12:54	MA19501-ICB1	62099
13:00	MA19501-CCV1	61242
13:07	MA19501-CCB1	62898
13:15	MA19501-ICSA1	54742
13:22	MA19501-ICSAB1	57029
13:28	MA19501-CCV2	61729
13:34	MA19501-CCB2	62775
13:41	ZZZZZZ	64672
13:52	ZZZZZZ	69028
13:58	ZZZZZZ	68272
14:04	ZZZZZZ	64117
14:10	ZZZZZZ	67444
14:17	MP39898-MB2	64922
14:23	MP39898-LC1	63173
14:29	ZZZZZZ	59882
14:35	MA19501-CCV3	62433
14:41	MA19501-CCB3	63396
14:48	ZZZZZZ	66719
14:54	ZZZZZZ	65048

INTERNAL STANDARD SUMMARY

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IT0720M2.DAT Date Analyzed: 07/20/07 Methods: EPA 200.7, SW846 6010B
Analyst: ND Run ID: MA19501
Parameters: Fe

Time	Sample Description	Istd#1
14:59	ZZZZZZ	68769
15:06	ZZZZZZ	70418
15:11	MP39934-LC1	63474
15:16	MP39934-MB1	63492
15:30	ZZZZZZ	63936
15:36	ZZZZZZ	63667
15:42	MP39938-MB1	63533
15:47	MA19501-CCV4	61718
15:54	MA19501-CCB4	63389
16:00	ZZZZZZ	63752
16:06	ZZZZZZ	63572
16:12	ZZZZZZ	63617
16:17	ZZZZZZ	64777
16:25	MP39948-MB1	63211
16:30	MP39948-LC1	64294
16:37	ZZZZZZ	63604
16:47	ZZZZZZ	66074
16:53	MA19501-CCV5	60869
16:59	MA19501-CCB5	63490
17:08	ZZZZZZ	62292
17:14	ZZZZZZ	62149
17:20	MP39938-B1	61959
17:27	MP39938-LC1	62093
17:33	MP39938-S1	62456
17:39	MP39938-S2	62398
17:45	J66467-2	61489
17:51	MP39938-SD1	61991
18:08	MP39901-MB1	63010
18:14	MA19501-CCV6	60796
18:22	MA19501-CCB6	61345
18:28	MP39901-B1	62535
18:34	MP39901-LC1	66663
18:40	MP39901-S1	62194

INTERNAL STANDARD SUMMARY

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IT0720M2.DAT Date Analyzed: 07/20/07 Methods: EPA 200.7, SW846 6010B
Analyst: ND Run ID: MA19501
Parameters: Fe

Time	Sample Description	Istd#1
18:46	MP39901-S2	61975
18:52	J65218-1A	62990
18:59	MP39901-SD1	63105
19:05	ZZZZZZ	66329
19:14	MA19501-CRIB3	61853
19:21	MA19501-CRIB4	61758
19:27	MA19501-CCV7	60265
19:33	MA19501-CCB7	61348
19:40	MA19501-ICSA2	56433
19:46	MA19501-ICSAB2	56405
19:53	MA19501-CCV8	60228
20:00	MA19501-CCB8	61702
20:09	ZZZZZZ	61817
20:15	ZZZZZZ	62249
20:21	J65091-5	59794
20:27	ZZZZZZ	59892
20:33	ZZZZZZ	59898
20:39	ZZZZZZ	60528
20:46	ZZZZZZ	61271
20:52	ZZZZZZ	60186
20:58	ZZZZZZ	61245
21:04	MA19501-CCV9	60186
21:10	MA19501-CCB9	61647
21:17	ZZZZZZ	61779
21:23	ZZZZZZ	60838
21:29	ZZZZZZ	60551
21:35	ZZZZZZ	56238
21:41	ZZZZZZ	59594
21:47	ZZZZZZ	57797
21:53	ZZZZZZ	57868
22:00	ZZZZZZ	58075
22:06	ZZZZZZ	58260
22:12	ZZZZZZ	59660

INTERNAL STANDARD SUMMARY

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IT0720M2.DAT Date Analyzed: 07/20/07 Methods: EPA 200.7, SW846 6010B
Analyst: ND Run ID: MA19501
Parameters: Fe

Time	Sample Description	Istd#1
22:18	MA19501-CCV10	59117
22:24	MA19501-CCB10	60100
22:31	ZZZZZZ	59179
22:37	ZZZZZZ	60082
22:43	ZZZZZZ	59125
22:49	ZZZZZZ	59007
22:55	ZZZZZZ	60230
23:01	ZZZZZZ	60111
23:07	ZZZZZZ	59775
23:14	ZZZZZZ	59942
23:20	ZZZZZZ	60534
23:26	ZZZZZZ	59244
23:32	MA19501-CCV11	58129
23:38	MA19501-CCB11	59082
23:45	ZZZZZZ	61615
23:51	ZZZZZZ	62545
23:57	ZZZZZZ	62274
00:03	ZZZZZZ	62644
00:09	ZZZZZZ	62360
00:15	ZZZZZZ	61640
00:21	ZZZZZZ	63040
00:28	ZZZZZZ	64220
00:34	ZZZZZZ	63152
00:40	ZZZZZZ	64393
00:46	MA19501-CCV12	58323
00:52	MA19501-CCB12	59273
00:59	ZZZZZZ	64368
01:05	ZZZZZZ	62505
01:11	ZZZZZZ	65249
01:20	MP39911-MB1	59151
01:27	MP39911-LC1	59519
01:33	MP39911-S1	54637
01:39	MP39911-S2	54527

INTERNAL STANDARD SUMMARY

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IT0720M2.DAT Date Analyzed: 07/20/07 Methods: EPA 200.7, SW846 6010B
Analyst: ND Run ID: MA19501
Parameters: Fe

Time	Sample Description	Istd#1
01:45	J65365-2	54710
01:51	MP39911-SD1	57705
01:57	ZZZZZZ	59666
02:03	MA19501-CCV13	58154
02:10	MA19501-CCB13	59774
02:16	MA19501-ICSA3	54475
02:22	MA19501-ICSAB3	54493
02:29	MA19501-CCV14	58026
02:35	MA19501-CCB14	59136
02:41	ZZZZZZ	57186
02:47	ZZZZZZ	51064
02:54	ZZZZZZ	58199
03:00	ZZZZZZ	58483
03:06	ZZZZZZ	57978
03:12	ZZZZZZ	58535
03:18	ZZZZZZ	58473
03:24	ZZZZZZ	58011
03:30	ZZZZZZ	58204
03:36	ZZZZZZ	58037
03:43	MA19501-CCV15	58276
03:49	MA19501-CCB15	58964
03:55	ZZZZZZ	58683
04:01	ZZZZZZ	58377
04:08	ZZZZZZ	58616
04:14	ZZZZZZ	58621
04:20	ZZZZZZ	58567
04:26	ZZZZZZ	58521
04:32	ZZZZZZ	58741
04:38	ZZZZZZ	58534
04:44	ZZZZZZ	60692
04:51	MA19501-CCV16	58552
04:57	MA19501-CCB16	59657
05:03	ZZZZZZ	61055

INTERNAL STANDARD SUMMARY

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IT0720M2.DAT Date Analyzed: 07/20/07 Methods: EPA 200.7, SW846 6010B
Analyst: ND Run ID: MA19501
Parameters: Fe

Time	Sample Description	Istd#1
05:09	ZZZZZZ	65656
05:15	ZZZZZZ	62508
05:22	ZZZZZZ	62812
05:28	ZZZZZZ	61961
05:34	ZZZZZZ	65575
05:40	ZZZZZZ	65226
05:46	ZZZZZZ	62491
05:52	ZZZZZZ	64187
05:58	MA19501-CCV17	57830
06:05	MA19501-CCB17	60030
06:11	MP39821-MB1	61362
06:17	MP39821-B1	61092
06:23	MP39821-S1	53782
06:30	MP39821-S2	54225
06:36	J65561-1	55036
06:42	MP39821-SD1	59240
06:48	MA19501-CCV18	59401
06:54	MA19501-CCB18	60751
07:19	MA19501-ICSA4	55084
07:25	MA19501-ICSAB4	55305
07:32	MA19501-CCV19	59837
07:38	MA19501-CCB19	61036
07:45	MA19501-CRIB5	62207
07:55	ZZZZZZ	62328
08:00	MP39863-S1	64173
08:06	MP39863-S2	64153
08:13	J65460-21	63504
08:18	MP39863-SD1	62842
08:26	ZZZZZZ	64139
08:31	ZZZZZZ	68854
08:37	ZZZZZZ	65395
08:44	ZZZZZZ	65765
08:50	MA19501-CCV20	61423

INTERNAL STANDARD SUMMARY

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IT0720M2.DAT Date Analyzed: 07/20/07 Methods: EPA 200.7, SW846 6010B
Analyst: ND Run ID: MA19501
Parameters: Fe

Time	Sample Description	Istd#1
08:56	MA19501-CCB20	62641
09:02	ZZZZZZ	65000
09:08	ZZZZZZ	68798
09:14	ZZZZZZ	68589
09:20	ZZZZZZ	63981
09:26	ZZZZZZ	66902
09:32	ZZZZZZ	57210
09:37	ZZZZZZ	61204
09:43	ZZZZZZ	61552
09:48	ZZZZZZ	61909
09:54	MA19501-CCV21	61057
10:01	MA19501-CCB21	62085
10:07	ZZZZZZ	61437
10:13	ZZZZZZ	61553
10:18	ZZZZZZ	62974
10:24	ZZZZZZ	62276
10:30	ZZZZZZ	62340
10:36	ZZZZZZ	62190
10:42	MA19501-CCV22	60828
10:48	MA19501-CCB22	62291
10:55	MA19501-CRIB6	61973
11:06	MA19501-ICSA5	57527
11:13	MA19501-ICSAB5	57233
11:19	MA19501-CCV23	60885
11:25	MA19501-CCB23	62023

R = Reference for ISTD limits. ! = Outside limits.

LEGEND:

Istd#	Parameter	Limits
Istd#1	Yttrium	60-125 %

6.3.1 6

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IT0720M2.DAT Date Analyzed: 07/20/07 Methods: EPA 200.7, SW846 6010B
QC Limits: result < RL Run ID: MA19501 Units: ug/l

Time:			12:54		13:07		13:34		14:41	
Sample ID:			ICB1		CCB1		CCB2		CCB3	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	23	anr							
Antimony	6.0	3	anr							
Arsenic	8.0	3.2	anr							
Barium	200	.5	anr							
Beryllium	1.0	.2	anr							
Cadmium	4.0	.8	anr							
Calcium	5000	32	anr							
Chromium	10	1.6	anr							
Cobalt	50	.9	anr							
Copper	25	1.1	anr							
Iron	100	43	8.3	<100	-4.9	<100	8.1	<100	-5.4	<100
Lead	3.0	2.9	anr							
Magnesium	5000	20	anr							
Manganese	15	.8	anr							
Molybdenum	20	1.7	anr							
Nickel	40	1.7	anr							
Palladium	50	2.2								
Potassium	10000	13	anr							
Selenium	10	3.3	anr							
Silicon	200	13								
Silver	10	.6	anr							
Sodium	10000	180	anr							
Thallium	10	5.1	anr							
Tin	10	2.4	anr							
Vanadium	50	1	anr							
Zinc	20	3.7	anr							

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IT0720M2.DAT Date Analyzed: 07/20/07 Methods: EPA 200.7, SW846 6010B
QC Limits: result < RL Run ID: MA19501 Units: ug/l

Time:			15:54		16:59		18:22		19:33	
Sample ID:			CCB4		CCB5		CCB6		CCB7	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	23	anr							
Antimony	6.0	3	anr							
Arsenic	8.0	3.2	anr							
Barium	200	.5	anr							
Beryllium	1.0	.2	anr							
Cadmium	4.0	.8	anr							
Calcium	5000	32	anr							
Chromium	10	1.6	anr							
Cobalt	50	.9	anr							
Copper	25	1.1	anr							
Iron	100	43	1.3	<100	-0.17	<100	1.8	<100	-10	<100
Lead	3.0	2.9	anr							
Magnesium	5000	20	anr							
Manganese	15	.8	anr							
Molybdenum	20	1.7	anr							
Nickel	40	1.7	anr							
Palladium	50	2.2								
Potassium	10000	13	anr							
Selenium	10	3.3	anr							
Silicon	200	13								
Silver	10	.6	anr							
Sodium	10000	180	anr							
Thallium	10	5.1	anr							
Tin	10	2.4	anr							
Vanadium	50	1	anr							
Zinc	20	3.7	anr							

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IT0720M2.DAT Date Analyzed: 07/20/07 Methods: EPA 200.7, SW846 6010B
QC Limits: result < RL Run ID: MA19501 Units: ug/l

Time:			20:00		21:10		22:24		23:38	
Sample ID:			CCB8		CCB9		CCB10		CCB11	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	23	anr							
Antimony	6.0	3	anr							
Arsenic	8.0	3.2	anr							
Barium	200	.5	anr							
Beryllium	1.0	.2	anr							
Cadmium	4.0	.8	anr							
Calcium	5000	32	anr							
Chromium	10	1.6	anr							
Cobalt	50	.9	anr							
Copper	25	1.1	anr							
Iron	100	43	2.2	<100	0.84	<100	-2.4	<100	-9.0	<100
Lead	3.0	2.9	anr							
Magnesium	5000	20	anr							
Manganese	15	.8	anr							
Molybdenum	20	1.7	anr							
Nickel	40	1.7	anr							
Palladium	50	2.2								
Potassium	10000	13	anr							
Selenium	10	3.3	anr							
Silicon	200	13								
Silver	10	.6	anr							
Sodium	10000	180	anr							
Thallium	10	5.1	anr							
Tin	10	2.4	anr							
Vanadium	50	1	anr							
Zinc	20	3.7	anr							

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IT0720M2.DAT Date Analyzed: 07/20/07 Methods: EPA 200.7, SW846 6010B
QC Limits: result < RL Run ID: MA19501 Units: ug/l

Time:			00:52		02:10		02:35	
Sample ID:			CCB12		CCB13		CCB14	
Metal	RL	IDL	raw	final	raw	final	raw	final
Aluminum	200	23	anr					
Antimony	6.0	3	anr					
Arsenic	8.0	3.2	anr					
Barium	200	.5	anr					
Beryllium	1.0	.2	anr					
Cadmium	4.0	.8	anr					
Calcium	5000	32	anr					
Chromium	10	1.6	anr					
Cobalt	50	.9	anr					
Copper	25	1.1	anr					
Iron	100	43	28.5	<100	15.5	<100	23.5	<100
Lead	3.0	2.9	anr					
Magnesium	5000	20	anr					
Manganese	15	.8	anr					
Molybdenum	20	1.7	anr					
Nickel	40	1.7	anr					
Palladium	50	2.2						
Potassium	10000	13	anr					
Selenium	10	3.3	anr					
Silicon	200	13						
Silver	10	.6	anr					
Sodium	10000	180	anr					
Thallium	10	5.1	anr					
Tin	10	2.4	anr					
Vanadium	50	1	anr					
Zinc	20	3.7	anr					

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IT0720M2.DAT Date Analyzed: 07/20/07 Methods: EPA 200.7, SW846 6010B
QC Limits: 95 to 105 % Recovery Run ID: MA19501 Units: ug/l

Time:		12:47			13:00			13:28	
Sample ID:	ICV	ICV1		CCV	CCV1		CCV	CCV2	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	anr								
Antimony	anr								
Arsenic	anr								
Barium	anr								
Beryllium	anr								
Cadmium	anr								
Calcium	anr								
Chromium	anr								
Cobalt	anr								
Copper	anr								
Iron	5000	4940	98.8	40000	39900	99.8	40000	40200	100.5
Lead	anr								
Magnesium	anr								
Manganese	anr								
Molybdenum	anr								
Nickel	anr								
Palladium									
Potassium	anr								
Selenium	anr								
Silicon									
Silver	anr								
Sodium	anr								
Thallium	anr								
Tin	anr								
Vanadium	anr								
Zinc	anr								

(*) Outside of QC limits
(anr) Analyte not requested

6.3.3

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CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IT0720M2.DAT Date Analyzed: 07/20/07 Methods: EPA 200.7, SW846 6010B
QC Limits: 95 to 105 % Recovery Run ID: MA19501 Units: ug/l

Time:		14:35			15:47			16:53		
Sample ID:	CCV	CCV3		CCV	CCV4		CCV	CCV5		
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec	
Aluminum	anr									
Antimony	anr									
Arsenic	anr									
Barium	anr									
Beryllium	anr									
Cadmium	anr									
Calcium	anr									
Chromium	anr									
Cobalt	anr									
Copper	anr									
Iron	40000	39800	99.5	40000	40400	101.0	40000	39400	98.5	
Lead	anr									
Magnesium	anr									
Manganese	anr									
Molybdenum	anr									
Nickel	anr									
Palladium										
Potassium	anr									
Selenium	anr									
Silicon										
Silver	anr									
Sodium	anr									
Thallium	anr									
Tin	anr									
Vanadium	anr									
Zinc	anr									

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IT0720M2.DAT Date Analyzed: 07/20/07 Methods: EPA 200.7, SW846 6010B
QC Limits: 95 to 105 % Recovery Run ID: MA19501 Units: ug/l

Time:		18:14			19:27			19:53	
Sample ID:	CCV	CCV6		CCV	CCV7		CCV	CCV8	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	anr								
Antimony	anr								
Arsenic	anr								
Barium	anr								
Beryllium	anr								
Cadmium	anr								
Calcium	anr								
Chromium	anr								
Cobalt	anr								
Copper	anr								
Iron	40000	40000	100.0	40000	39900	99.8	40000	39800	99.5
Lead	anr								
Magnesium	anr								
Manganese	anr								
Molybdenum	anr								
Nickel	anr								
Palladium									
Potassium	anr								
Selenium	anr								
Silicon									
Silver	anr								
Sodium	anr								
Thallium	anr								
Tin	anr								
Vanadium	anr								
Zinc	anr								

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IT0720M2.DAT Date Analyzed: 07/20/07 Methods: EPA 200.7, SW846 6010B
QC Limits: 95 to 105 % Recovery Run ID: MA19501 Units: ug/l

Time:		21:04			22:18			23:32	
Sample ID:	CCV	CCV9		CCV	CCV10		CCV	CCV11	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	anr								
Antimony	anr								
Arsenic	anr								
Barium	anr								
Beryllium	anr								
Cadmium	anr								
Calcium	anr								
Chromium	anr								
Cobalt	anr								
Copper	anr								
Iron	40000	40100	100.3	40000	40400	101.0	40000	40200	100.5
Lead	anr								
Magnesium	anr								
Manganese	anr								
Molybdenum	anr								
Nickel	anr								
Palladium									
Potassium	anr								
Selenium	anr								
Silicon									
Silver	anr								
Sodium	anr								
Thallium	anr								
Tin	anr								
Vanadium	anr								
Zinc	anr								

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IT0720M2.DAT Date Analyzed: 07/20/07 Methods: EPA 200.7, SW846 6010B
QC Limits: 95 to 105 % Recovery Run ID: MA19501 Units: ug/l

Time:		00:46			02:03			02:29	
Sample ID:	CCV	CCV12		CCV	CCV13		CCV	CCV14	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	anr								
Antimony	anr								
Arsenic	anr								
Barium	anr								
Beryllium	anr								
Cadmium	anr								
Calcium	anr								
Chromium	anr								
Cobalt	anr								
Copper	anr								
Iron	40000	40100	100.3	40000	40100	100.3	40000	40200	100.5
Lead	anr								
Magnesium	anr								
Manganese	anr								
Molybdenum	anr								
Nickel	anr								
Palladium									
Potassium	anr								
Selenium	anr								
Silicon									
Silver	anr								
Sodium	anr								
Thallium	anr								
Tin	anr								
Vanadium	anr								
Zinc	anr								

(*) Outside of QC limits
(anr) Analyte not requested

HIGH STANDARD CHECK SUMMARY

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IT0720M2.DAT Date Analyzed: 07/20/07 Methods: EPA 200.7, SW846 6010B
QC Limits: 95 to 105 % Recovery Run ID: MA19501 Units: ug/l

Time:		12:28	
Sample ID:	HSTD	HSTD1	
Metal	True	Results	% Rec
Aluminum	anr		
Antimony	anr		
Arsenic	anr		
Barium	anr		
Beryllium	anr		
Cadmium	anr		
Calcium	anr		
Chromium	anr		
Cobalt	anr		
Copper	anr		
Iron	80000	79700	99.6
Lead	anr		
Magnesium	anr		
Manganese	anr		
Molybdenum	anr		
Nickel	anr		
Palladium			
Potassium	anr		
Selenium	anr		
Silicon			
Silver	anr		
Sodium	anr		
Thallium	anr		
Tin	anr		
Vanadium	anr		
Zinc	anr		

(*) Outside of QC limits
(anr) Analyte not requested

6.3.4

6

INITIAL LOW CALIBRATION CHECK STANDARD SUMMARY

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IT0720M2.DAT Date Analyzed: 07/20/07 Methods: EPA 200.7, SW846 6010B
QC Limits: 50 to 150 % Recovery Run ID: MA19501 Units: ug/l

Time:		12:35		12:41		19:14		19:21	
Sample ID:	CRIB	CRIB1		CRIB2		CRIB3		CRIB4	
Metal	True	Results	% Rec	Results	% Rec	Results	% Rec	Results	% Rec
Aluminum	400								
Antimony	12								
Arsenic	16								
Barium	400								
Beryllium	2.0								
Cadmium	8.0								
Calcium	5000								
Chromium	20								
Cobalt	100								
Copper	50								
Iron	200	251	125.5			254	127.0		
Lead	6.0								
Magnesium	5000								
Manganese	30								
Molybdenum	40								
Nickel	80								
Palladium	100								
Potassium	10000								
Selenium	20								
Silicon	400								
Silver	20								
Sodium	10000								
Thallium	20								
Tin	20								
Vanadium	100								
Zinc	40								

(*) Outside of QC limits
(anr) Analyte not requested

6.3.5

6

INTERFERING ELEMENT CHECK STANDARDS SUMMARY
Part 1 - ICSA and ICSAB Standards

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IT0720M2.DAT Date Analyzed: 07/20/07 Methods: EPA 200.7, SW846 6010B
QC Limits: 80 to 120 % Recovery Run ID: MA19501 Units: ug/l

Time:			13:15		13:22		19:40		19:46	
Sample ID:	ICSA	ICSAB	ICSA1		ICSAB1		ICSA2		ICSAB2	
Metal	True	True	Results	% Rec	Results	% Rec	Results	% Rec	Results	% Rec
Aluminum	500000	500000	523000	104.6	509000	101.8	520000	104.0	514000	102.8
Antimony		1000	-6.1		1090	109.0	-3.3		1110	111.0
Arsenic		1000	2.6		1060	106.0	5.9		1070	107.0
Barium		500	0.74		526	105.2	0.73		531	106.2
Beryllium		500	0.55		507	101.4	0.43		512	102.4
Cadmium		1000	0.37		1000	100.0	0.70		1010	101.0
Calcium	400000	400000	378000	94.5	392000	98.0	391000	97.8	396000	99.0
Chromium		500	-1.5		481	96.2	-2.1		484	96.8
Cobalt		500	0.37		515	103.0	0.0032		523	104.6
Copper		500	-4.7		519	103.8	-4.8		525	105.0
Iron	200000	200000	179000	89.5	183000	91.5	183000	91.5	184000	92.0
Lead		1000	-1.6		1000	100.0	-2.7		1010	101.0
Magnesium	500000	500000	502000	100.4	520000	104.0	519000	103.8	522000	104.4
Manganese		500	2.5		501	100.2	2.5		505	101.0
Molybdenum		500	-4.2		507	101.4	-4.0		510	102.0
Nickel		1000	-4.5		959	95.9	-4.3		971	97.1
Palladium		500	-6.2		531	106.2	-8.1		537	107.4
Potassium			2830		2970		3020		2980	
Selenium		1000	-13		1040	104.0	-11		1050	105.0
Silicon			-37		-220		-38		-220	
Silver		1000	-2.9		1060	106.0	-2.8		1070	107.0
Sodium			-2400		-2400		-2500		-2500	
Thallium		1000	2.1		1030	103.0	-0.037		1030	103.0
Tin			8.9		10.8		10.9		9.4	
Vanadium		500	-6.3		509	101.8	-5.3		507	101.4
Zinc		1000	-9.6		1010	101.0	-8.9		1010	101.0

(*) Outside of QC limits
(anr) Analyte not requested

INTERFERING ELEMENT CHECK STANDARDS SUMMARY
Part 1 - ICSA and ICSAB Standards

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: IT0720M2.DAT Date Analyzed: 07/20/07 Methods: EPA 200.7, SW846 6010B
QC Limits: 80 to 120 % Recovery Run ID: MA19501 Units: ug/l

Time:			02:16		02:22	
Sample ID:	ICSA	ICSAB	ICSA3		ICSAB3	
Metal	True	True	Results	% Rec	Results	% Rec
Aluminum	500000	500000	534000	106.8	527000	105.4
Antimony		1000	-3.5		1180	118.0
Arsenic		1000	2.6		1110	111.0
Barium		500	0.79		545	109.0
Beryllium		500	0.48		534	106.8
Cadmium		1000	2.4		1080	108.0
Calcium	400000	400000	408000	102.0	415000	103.8
Chromium		500	-1.4		500	100.0
Cobalt		500	0.025		557	111.4
Copper		500	-3.8		541	108.2
Iron	200000	200000	184000	92.0	185000	92.5
Lead		1000	2.9		1080	108.0
Magnesium	500000	500000	529000	105.8	534000	106.8
Manganese		500	2.8		525	105.0
Molybdenum		500	-4.4		520	104.0
Nickel		1000	-4.5		1020	102.0
Palladium		500	-7.7		562	112.4
Potassium			3200		3190	
Selenium		1000	-12		1100	110.0
Silicon			-35		-230	
Silver		1000	-2.5		1100	110.0
Sodium			-2600		-2600	
Thallium		1000	-3.9		1030	103.0
Tin			12.3		11.9	
Vanadium		500	-6.1		507	101.4
Zinc		1000	-8.7		1080	108.0

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

QC Batch ID: MP39882
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 07/17/07 07/19/07

Metal	RL	IDL	MB raw	MB final	MB raw	MB final
Aluminum	200	23				
Antimony	6.0	3				
Arsenic	8.0	3.2				
Barium	200	.5				
Beryllium	1.0	.2				
Cadmium	4.0	.5				
Calcium	5000	32	-50	<5000	35.1	<5000
Chromium	10	1.3				
Cobalt	50	.9				
Copper	25	1.1	anr			
Iron	100	43	-86	<100	7.3	<100
Lead	3.0	2.9				
Magnesium	5000	12				
Manganese	15	.5	0.43	<15	0.58	<15
Molybdenum	20	1.7				
Nickel	40	1.7				
Palladium	50	2.2				
Potassium	10000	13				
Selenium	10	3.3				
Silicon	200	13				
Silver	10	.6				
Sodium	10000	180	870	<10000	967	<10000
Thallium	10	5.1				
Tin	10	2.4				
Vanadium	50	1				
Zinc	20	3.4				

Associated samples MP39882: J65091-5, J65091-6, J65091-7

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

QC Batch ID: MP39882
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 07/17/07

Metal	J64925-1 Original	MS	Spikelot MPIRW1	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic					
Barium					
Beryllium					
Cadmium					
Calcium	16900	41100	25000	96.8	75-125
Chromium					
Cobalt					
Copper	anr				
Iron	288	1360	1000	107.2	75-125
Lead					
Magnesium					
Manganese	872	1350	500	95.6	75-125
Nickel					
Potassium					
Selenium					
Silver					
Sodium	89900	115000	25000	100.4	75-125
Thallium					
Vanadium					
Zinc					

Associated samples MP39882: J65091-5, J65091-6, J65091-7

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

QC Batch ID: MP39882
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 07/17/07

Metal	J64925-1 Original	MSD	Spikelot MPIRW1	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic						
Barium						
Beryllium						
Cadmium						
Calcium	16900	41400	25000	98.0	0.7	20
Chromium						
Cobalt						
Copper	anr					
Iron	288	1390	1000	110.2	2.2	20
Lead						
Magnesium						
Manganese	872	1360	500	97.6	0.7	20
Nickel						
Potassium						
Selenium						
Silver						
Sodium	89900	115000	25000	100.4	0.0	20
Thallium						
Vanadium						
Zinc						

Associated samples MP39882: J65091-5, J65091-6, J65091-7

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

QC Batch ID: MP39882
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date:	07/17/07				07/19/07			
Metal	LCS Result	Spikelot MPLCW2	% Rec	QC Limits	LCS Result	Spikelot MPLCW2	% Rec	QC Limits
Aluminum								
Antimony								
Arsenic								
Barium								
Beryllium								
Cadmium								
Calcium	5570	5500	101.3	80-120	5320	5500	96.7	80-120
Chromium								
Cobalt								
Copper	anr							
Iron	5430	5500	98.7	80-120	5490	5500	99.8	80-120
Lead								
Magnesium								
Manganese	496	500	99.2	80-120	473	500	94.6	80-120
Molybdenum								
Nickel								
Palladium								
Potassium								
Selenium								
Silicon								
Silver								
Sodium	9730	10000	97.3	80-120	9510	10000	95.1	80-120
Thallium								
Tin								
Vanadium								
Zinc								

Associated samples MP39882: J65091-5, J65091-6, J65091-7

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

QC Batch ID: MP39882
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 07/17/07

Metal	J64925-1 Original	SDL 1:5	RPD	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Cadmium				
Calcium	16900	15600	7.3	0-10
Chromium				
Cobalt				
Copper	anr			
Iron	288	0.00	100.0(a)	0-10
Lead				
Magnesium				
Manganese	872	821	5.8	0-10
Nickel				
Potassium				
Selenium				
Silver				
Sodium	89900	80100	10.9*(b)	0-10
Thallium				
Vanadium				
Zinc				

Associated samples MP39882: J65091-5, J65091-6, J65091-7

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
(b) Serial dilution indicates possible matrix interference.

Instrument Detection Limits

Job Number: J65091
Account: EPMNYLS Environmental Planning and Management
Project: Katonah, Katonah, NY

Instrument ID: TJATRACE1 Effective Date: 03/15/07

Analyte	IDL ug/l
Aluminum	23.8
Antimony	6.2
Arsenic	6.2
Barium	1.1
Beryllium	.4
Cadmium	.5
Calcium	54.8
Chromium	1.3
Cobalt	1
Copper	1.1
Iron	69.4
Lead	2.9
Magnesium	12.1
Manganese	.5
Nickel	3
Potassium	35.5
Selenium	5.2
Silver	1.2
Sodium	270
Thallium	8.2
Vanadium	1
Zinc	3.4

The above applies to the following instrument runs:
MA19487

Instrument Detection Limits

Job Number: J65091
Account: EPMNYLS Environmental Planning and Management
Project: Katonah, Katonah, NY

Instrument ID: TJATRACE3 Effective Date: 05/24/07

Analyte	IDL ug/l
Aluminum	23.1
Antimony	3
Arsenic	3.2
Barium	.5
Beryllium	.2
Cadmium	.8
Calcium	32.3
Chromium	1.6
Cobalt	.9
Copper	1.1
Iron	43.2
Lead	2.9
Magnesium	19.7
Manganese	.8
Molybdenum	1.7
Nickel	1.7
Palladium	2.2
Potassium	12.6
Selenium	3.3
Silicon	13.4
Silver	.6
Sodium	180.9
Thallium	5.1
Tin	2.4
Vanadium	1
Zinc	3.7

The above applies to the following instrument runs:
MA19494,MA19501

Instrument Linear Ranges

Job Number: J65091
Account: EPMNYLS Environmental Planning and Management
Project: Katonah, Katonah, NY

Instrument ID: TJATRACE1 **Effective Date:** 05/30/07

Analyte	Linear Range ug/l
Aluminum	1000000
Antimony	50000
Arsenic	50000
Barium	50000
Beryllium	50000
Cadmium	50000
Calcium	400000
Chromium	50000
Cobalt	50000
Copper	50000
Iron	1000000
Lead	50000
Magnesium	1000000
Manganese	50000
Nickel	50000
Potassium	200000
Selenium	50000
Silver	1000
Sodium	200000
Thallium	50000
Vanadium	50000
Zinc	10000

The above applies to the following instrument runs:
MA19487

Instrument Linear Ranges

Job Number: J65091
Account: EPMNYLS Environmental Planning and Management
Project: Katonah, Katonah, NY

Instrument ID: TJATRACE3 **Effective Date:** 05/30/07

Analyte	Linear Range ug/l
Aluminum	1000000
Antimony	50000
Arsenic	50000
Barium	25000
Beryllium	25000
Cadmium	50000
Calcium	750000
Chromium	50000
Cobalt	50000
Copper	50000
Iron	750000
Lead	50000
Magnesium	1000000
Manganese	25000
Molybdenum	50000
Nickel	50000
Palladium	50000
Potassium	500000
Selenium	50000
Silicon	50000
Silver	1000
Sodium	100000
Thallium	50000
Tin	50000
Vanadium	50000
Zinc	50000

The above applies to the following instrument runs:
MA19494,MA19501

General Chemistry

QC Data Summaries

Includes the following where applicable:

- Method Blank and Blank Spike Summaries
- Duplicate Summaries
- Matrix Spike Summaries
- Instrument Runlogs/QC

METHOD BLANK AND SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Chloride	GP39850/GN5132	2.0	<2.0	mg/l	80	81.7	102.1	90-110%
Fluoride	GP39850/GN5132	0.20	<0.20	mg/l	2	2.07	103.5	90-110%
Sulfate	GP39850/GN5132	10	<10	mg/l	80	82.1	102.6	90-110%

Associated Samples:
Batch GP39850: J65091-5, J65091-6, J65091-7
(*) Outside of QC limits

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DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Chloride	GP39850/GN5132	J65215-3	mg/l	26.1	26.2	0.4	0-20%
Fluoride	GP39850/GN5132	J65215-3	mg/l	5.7	5.7	0.0	0-20%
Specific Conductivity	GN5167	J65497-1	umhos/cm	1350	1370	1.5	0-18%
Sulfate	GP39850/GN5132	J65215-3	mg/l	372	374	0.5	0-20%

Associated Samples:
Batch GN5167: J65091-5, J65091-6, J65091-7
Batch GP39850: J65091-5, J65091-6, J65091-7
(*) Outside of QC limits

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MS Result	%Rec	QC Limits
Chloride	GP39850/GN5132	J65215-3	mg/l	26.1	80	106	99.9	80-120%
Fluoride	GP39850/GN5132	J65215-3	mg/l	5.7	10	18.2	125.0N(a)	80-120%
Sulfate	GP39850/GN5132	J65215-3	mg/l	372	400	816	111.0	80-120%

Associated Samples:
Batch GP39850: J65091-5, J65091-6, J65091-7
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(a) Spike recovery indicates possible matrix interference.

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: 207070901.TXT Date Analyzed: 07/09/07 Methods: EPA 300/SW846 9056
Analyst: NR Run ID: GN5132
Parameters: Chloride

Time	Sample Description	Dilution Factor	PS Recov	Comments
11:27	GN5132-STD1	1		STDA
11:49	GN5132-STD2	1		STDB
12:11	GN5132-STD3	1		STDC
12:34	GN5132-STD4	1		STDD
12:56	GN5132-STD5	1		STDE
13:19	GN5132-STD6	1		STDF
13:41	GN5132-STD7	1		STDG
14:03	GN5132-STD8	1		STDBCONF
14:26	GN5132-STD9	1		STDCCONF
14:48	GN5132-STD10	1		STDDCONF
15:11	GN5132-ICV1	1		
15:33	GN5132-CCV1	1		
15:55	GN5132-CCB1	1		
16:18	GP39836-MB3	1		
16:18	GP39850-MB2	1		
16:40	GP39836-B3	1		
16:40	GP39850-B2	1		
17:03	ZZZZZZ	1		
17:25	ZZZZZZ	1		
17:47	ZZZZZZ	1		
18:10	ZZZZZZ	3		
18:32	ZZZZZZ	3		
18:55	GP39850-S1	1		see rerun on dilution for f and so4
19:17	GP39850-D1	1		
19:40	J65215-3	1		(sample used for QC only; not part of login J65091)
20:02	GN5132-CCV2	1		
20:24	GN5132-CCB2	1		
20:47	ZZZZZZ	1		
21:09	ZZZZZZ	1		
21:32	ZZZZZZ	1		
21:54	GP39850-S1	5		
22:16	ZZZZZZ	2		
22:39	ZZZZZZ	2		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: 207070901.TXT Date Analyzed: 07/09/07 Methods: EPA 300/SW846 9056
Analyst: NR Run ID: GN5132
Parameters: Chloride

Time	Sample Description	Dilution Factor	PS Recov	Comments
23:01	ZZZZZZ	2		
23:24	ZZZZZZ	3		
23:46	ZZZZZZ	2		
00:08	ZZZZZZ	1		
00:31	GN5132-CCV3	1		
00:53	GN5132-CCB3	1		
01:16	J65091-5	1		
01:38	J65091-6	1		
02:00	J65091-7	1		
02:23	GN5132-CCV4	1		
02:45	GN5132-CCB4	1		

Refer to raw data for calibration curve and standards.

Instrument QC Summary
Inorganics Analyses

Login Number: J65091
Account: EPMNYLS - Environmental Planning and Management
Project: Katonah, Katonah, NY

File ID: 207070901.TXT Date Analyzed: 07/09/07 Methods: EPA 300/SW846 9056
Run ID: GN5132 Units: mg/l

Sample Number	Parameter	Result	RL	IDL/MDL	True Value	% Recov.	QC Limits
GN5132-ICV1	Chloride	103	2.0	0.029	102.81	100.2	90-110
GN5132-CCV1	Chloride	200	2.0	0.029	200	100.0	90-110
GN5132-CCB1	Chloride	0.029 U	2.0	0.029			
GN5132-CCV2	Chloride	210	2.0	0.029	200	105.0	90-110
GN5132-CCB2	Chloride	0.029 U	2.0	0.029			
GN5132-CCV3	Chloride	211	2.0	0.029	200	105.5	90-110
GN5132-CCB3	Chloride	0.029 U	2.0	0.029			
GN5132-CCV4	Chloride	207	2.0	0.029	200	103.5	90-110
GN5132-CCB4	Chloride	0.029 U	2.0	0.029			

(!) Outside of QC limits

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