Interim Remedial Measures Report

(Volume 3 of 3)

Midler City Industrial Park Site Brownfield Cleanup

City of Syracuse
Onondaga County, New York

NYSDEC BROWNFIELD SITE # C734103

DRAFT

Prepared for
Pioneer Midler Avenue, LLC

By

C&S Engineers, Inc.
499 Col. Eileen Collins Blvd.
Syracuse, New York 13212

October 2007

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APPENDIX D

DATA UASABILITY SUMMARY REPORTS

Data Validation Services

120 Cobble Creek Road P. O. Box 208
North Creek, N. Y. 12853
Phone 518-251-4429
Facsimile 518-251-4428

August 30, 2007

Christen Craig
C&S Engineers
499 Col. Eileen Collins Blvd.
Syracuse, NY 13212

RE: **D**ata **U**sability **S**ummary **R**eport for the Pioneer Midler site
STL-Buffalo Package Nos. A07-2061, A07-2198, A07-2244, A07-2477, and A07-2495

Dear Ms. Craig:

Review has been completed for the data packages generated by Severn Trent Laboratories, Inc. (STL) that pertain to samples collected 3/05/07 through 3/16/07 at the Pioneer Midler site. This report covers sixteen of the soil samples reported in the five data packages noted above. The samples were analyzed for TCL Volatiles by the 2000 NYSDEC ASP CLP. The validated samples are highlighted on the attached laboratory Sample Summary forms, and the qualified results report forms are attached.

The data packages submitted contained full deliverables for validation, but this usability report is generated from review of the summary form information, with review of sample raw data, and limited review of associated QC raw data. Full validation has not been performed. However, the reported summary forms have been reviewed for application of validation qualifiers, per the USEPA Region 2 validation SOPs and the USEPA National Functional Guidelines for Data Review, as affects the usability of the sample data. The following items were reviewed:

* Laboratory Narrative Discussion
* Custody Documentation
* Holding Times
* Surrogate and Internal Standard Recoveries
* Matrix Spike Recoveries/Duplicate Correlations
* Preparation/Calibration Blanks
* Control Spike/Laboratory Control Samples
* Instrumental Tunes and IDLs
* Calibration/CRI/CRA Standards
* ICP Interference Check Standards
* ICP Serial Dilution Correlations
* Sample Result Verification
* Method Compliance

Those items listed above which show deficiencies are discussed within the text of this narrative. All of the other items were determined to be acceptable for the DUSR review level.

In summary, samples were processed in compliance with protocol requirements, and most sample results are usable as reported, or with usable with minor qualification as estimated or edit to non-detection.

Copies of the laboratory case narratives are attached to this text, and should be reviewed in conjunction with this narrative. Included with this report are red-ink edited sample report forms that represent final qualified samples results.

The following text discusses quality issues of concern.

TCL Volatiles by ASP CLP

Results for analytes reported by the laboratory with the "E" flag are derived from the dilution analyses of the samples. If the analyte is not present in the dilution, the initial result is used, and qualified as estimated.

The low level soil matrix spikes (MSs) of V3D-2-10.5-14.5, and the medium level soil matrix spikes of V3D-3-14.3-18.3, VB3-10-15.6-19.6, show acceptable accuracy and precision, with the exception of one elevated duplicate correlation in VB3-10-15.6-19.6 for an analyte not detected in the sample. No qualification is made.

Detections of acetone in some samples are considered external contamination and are edited to reflect non-detection, due to presence in associated holding and/or method blanks. However, most of the samples in which acetone is found show sufficiently high concentrations that contamination cannot be assumed. Those values remain as reported.

The methanol blanks show low level detections of several compounds, including chloromethane and bromomethane. Those compounds were detected at similar levels in associated samples and those results are considered external contamination and edited to reflect non-detection at the CRDL.

All detections of methylene chloride in the project samples are similarly considered and edited due to presence in the associated blanks.

Calibrations standards show responses within validation guidelines, with the following exceptions, results for which are therefore qualified as estimated ("J" or "UJ") in the indicated samples:

- Chloromethane, vinyl chloride, and methylene chloride (30%D to 35%D) in low level soils reported in A07-2198
- Chloromethane, bromomethane, and vinyl chloride (28%D to 34%D) in medium level soils in A07-2198

Tentatively Identified Compounds (TICs) that are reported with the "B" flags are considered external contamination, and not sample components. All TICs identified as hexane in SDGs A06-2537, A06-2318, and A06-2747 are also external contamination and removed from the TIC list.

Data Package Completeness

Raw data should have been denoted with the client IDs; only the laboratory ID was provided therein. In at least one instance, the laboratory ID was manually edited to another number. Having the client ID present would have provided better assurance of identity.

Please do not hesitate to contact me if you have comments or questions regarding this report.

Very truly yours,

Judy Harry

VALIDATION QUALIFIER DEFINITIONS

DATA QUALIFIER DEFINITIONS

The following definitions provide brief explanations of the national qualifiers assigned to results in the data review process. If the Regions choose to use additional qualifiers, a complete explanation of those qualifiers should accompany the data review.

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

J - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

N - The analysis indicates the present of an analyte for which there is presumptive evidence to make a "tentative identification".

NJ - The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

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

R - The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

LABORATORY SAMPLE IDs AND CASE NARRATIVES

NON-CONFORMANCE SUMMARY

Job#: A07-2061

SIL Project#: NY4A9350
Site Name: C & S - Pioneer Midler site

General Comments

The enclosed data may or may not have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A07-2061
Sample Cooler(s) were received at the following temperature(s); 2.0 °C
All samples were received in good condition.

GC/MS Volatile Data

The analytes Bromomethane, Chloromethane, and Methylene Chloride were detected in the Methanol Blank (MEOH BLANK 030707) at a concentration below the project established reporting limit. No corrective action is necessary for any values in Methanol Blanks that are below the requested reporting limits.

The analyte Methylene Chloride was detected in the Method Blank VBLK55 at a concentration below the project established reporting limit. No corrective action is necessary for any values in Method Blanks that are below the requested reporting limits.

Sample Volatile Holding Blk was analyzed with headspace due to limited volume. The volatile organic results may be biased low.

The sample Volatile Holding Blk exhibited a pH >2 at the time of analysis. The analysis was performed within 7 days of sampling, therefore there is no impact on data usability.

****

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or his/designee, as verified by the following signature."

Richard J. Lafond
Project Manager

08/12/2007
Date

NON-CONFORMANCE SUMMARY

Job#: A07-2198

STL Project#: NY4A9350
Site Name: C & S - Pioneer Midler site

General Comments

The enclosed data may or may not have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A07-2198
Sample Cooler(s) were received at the following temperature(s); 2.0 °C
All samples were received in good condition.

GC/MS Volatile Data

The analytes Methylene Chloride and Bromomethane were detected in the Methanol Extractor Blank, sample MEOHBLK 03/09/07, at a level below the project established reporting limit.

The Relative Percent Difference (RPD) between the Matrix Spike and the Matrix Spike Duplicate of sample VB3-19-15.6-19.6 exceeded quality control limits for the analyte 1,1-Dichloroethene. The Matrix Spike Blank recoveries were compliant, so no corrective action was performed.

All aqueous, field generated, Quality Control samples were associated with soil samples. Therefore, all aqueous samples were analyzed as soils and evaluated using soil Quality Control Limits.

The following samples were analyzed using medium level techniques due to high concentrations of target analytes: VB3-10-14.5-18.5, VB3-14-7.5-11.5 DL, VB3-15-17.1-21.1, VB3-19-15.6-19.6, VB3-19-15.6-19.6, VB3-19-15.6-19.6, VB3-2-16.1-20.1, VB3-23-16.6-20.6, VB3-23-16.6-20.6 DL, VB3-24-16.4-20.4, VB3-24-16.4-20.4 DL, VB3-4-8-12 DL, VB3-5-7-11 DL, VB3-6-7-11, VB3-6-7-11 DL and VB3-9.8.75-12.75 DL.

The VHB was preserved to a pH less than 2.

The analyte Methyl Acetate was detected in the Methanol Extraction dilution for the samples VB3-5-7-11 and VB3-9-8.75-12.75 but was not present in the undiluted low level soil analysis.

The analytes Methylene Chloride and Acetone were detected in the VHB at a level below the project established reporting limit.

****

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Richard J. Lafond
Project Manager

03/27/2007
Date

NON-CONFORMANCE SUMMARY

Job#: A07-2244

STL Project#: NY4A9350
Site Name: C & S - Pioneer Midler site

General Comments

The enclosed data may or may not have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field.(e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A07-2244
Sample Cooler(s) were received at the following temperature(s); 2.0 °C
Strict internal chain of custody required.

GC/MS Volatile Data

The analyte bromomethane was detected in the dilution for sample VB3-16-14.4-18.4 at level below the reporting limit. The medium level dilution process involves the addition of methanol, therefore, the sample detection for bromomethane in the dilution may potentially be due to laboratory contamination and should be evaluated accordingly.

The analytes 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-chloropropane, Bromomethane, and Methylene Chloride were detected in the Methanol Blank (MEOH BLANK 031107) at a level below the project established reporting limit. No corrective action is necessary for any values in Methanol Blanks that are below the requested reporting limits.

The vial for sample Volatile Holding Blank (VHB) was dropped in the laboratory and broke. The sample has been cancelled because there was insufficient volume remaining for analysis. There is no data to report for this sample.

****

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Richard J. Lafond
Project Manager

03/16/2007
Date

NON-CONFORMANCE SUMMARY

Job#: A07-2477

STL Project#: NY4A9350
Site Name: C & S - Pioneer Midler site

General Comments

The enclosed data may or may not have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A07-2477
Sample Cooler(s) were received at the following temperature(s); 2.0 °C
Strict internal chain of custody required.

Volume housed under job A07-2244, sample -02.

GC/MS Volatile Data

For Method 8260, the analytes 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-chloropropane, Bromomethane, and Methylene Chloride were detected in the Methanol Blank (MEOH BLANK 031107) at concentrations below the project established reporting limit. No corrective action is necessary for any values in Methanol Blanks that are below the requested reporting limits.

The analyte Bromomethane was detected in the Methanol Blank, sample MEOH BLANK 031807, at a level below the project established reporting limit.

"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this Sample Data package and in the electronic data deliverables has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature."

Richard J. Lafond
Project Manager

08/23/2007
Date

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

For Method 8260, the analyte Methylene Chloride were detected in the Volatile Holding Blank, VHB, at concentrations below the project established reporting limit. No corrective action is necessary for any values in Methanol Blanks that are below the requested reporting limits.

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Richard J. Lafond
Project Manager

03/22/2007
Date

SDG NARRATIVE

Job#: A07-2495

STL Project#: NY4A9350
Site Name: C & S - Pioneer Midler site

General Comments

The enclosed data may or may not have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A07-2495
Sample Cooler(s) were received at the following temperature(s); 2.0 °C
Strict internal chain of custody required.

GC/MS Volatile Data

The VHB was preserved to a pH less than 2.

Samples VB1-13-16.1-20.1, VB1-6-3.9-7.9, VB3-18-14.9-18.9, VB3-18-14.9-18.9 DL and VB3-25-15.8-19.8 were analyzed using medium level techniques due to high concentrations of target analytes.

The analyte Methylene Chloride was detected in the VHB at a level below the project established reporting limit.

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QUALIFIED REPORT FORMS

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A7206105	V3D-1-15.1-19.1	SOIL	03/05/2007	16:45	03/07/2007	09:30
A7206104	V3D-2-10.5-14.5	SOIL	03/05/2007	16:10	03/07/2007	09:30
A7206101	V3D-3-14.3-18.3	SOIL	03/05/2007	12:45	03/07/2007	09:30
A7206101MS	V3D-3-14.3-18.3	SOIL	03/05/2007	12:45	03/07/2007	09:30
A7206101SD	V3D-3-14.3-18.3	SOIL	03/05/2007	12:45	03/07/2007	09:30
A7206102	V3D-4-10.75-14.75	SOIL	03/05/2007	13:20	03/07/2007	09:30
A7206103	V3D-5-14.4-18.4	SOIL	03/05/2007	15:40	03/07/2007	09:30

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A7219812	VB3-1-5.9-9.9	SOIL	03/07/2007	12:45	03/09/2007	09:15
A7219808	VB3-10-14.5-18.5	SOIL	03/07/2007	16:30	03/09/2007	09:15
A7219805	VB3-14-7.5-11.5	SOIL	03/07/2007	13:10	03/09/2007	09:15
A7219806	VB3-15-17.1-21.1	SOIL	03/07/2007	15:30	03/09/2007	09:15
A7219804	VB3-19-15.6-19.6	SOIL	03/07/2007	12:45	03/09/2007	09:15
A7219804MS	VB3-19-15.6-19.6	SOIL	03/07/2007	12:45	03/09/2007	09:15
A7219804SD	VB3-19-15.6-19.6	SOIL	03/07/2007	12:45	03/09/2007	09:15
A7219813	VB3-2-16.1-20.1	SOIL	03/07/2007	13:15	03/09/2007	09:15
A7219802	VB3-23-16.6-20.6	SOIL	03/07/2007	11:30	03/09/2007	09:15
A7219803	VB3-24-16.4-20.4	SOIL	03/07/2007	12:00	03/09/2007	09:15
A7219801	VB3-26-15.4-19.4	SOIL	03/07/2007	10:50	03/09/2007	09:15
A7219811	VB3-3-18.1-22.1	SOIL	03/07/2007	11:30	03/09/2007	09:15
A7219814	VB3-4-8-12	SOIL	03/07/2007	13:45	03/09/2007	09:15
A7219810	VB3-5-7-11	SOIL	03/07/2007	17:35	03/09/2007	09:15
A7219809	VB3-6-7-11	SOIL	03/07/2007	17:10	03/09/2007	09:15
A7219807	VB3-9-8.75-12.75	SOIL	03/07/2007	15:50	03/09/2007	09:15

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A7224402	VB3-13-7.25-11.25	SOIL	03/08/2007	16:40	03/10/2007	09:45
A7224403	VB3-16-14.4-18.4	SOIL	03/09/2007	12:00	03/10/2007	09:45
A7224404	VB3-17-14.9-18.9	SOIL	03/09/2007	12:40	03/10/2007	09:45
A7224401	VB3-8-7.3-11.3	SOIL	03/08/2007	16:15	03/10/2007	09:45

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A7247701	VB3-13-7.25-11.25	SOIL	03/08/2007	16:40	03/16/2007	02:54
A7247702	VHB	WATER	03/16/2007		03/16/2007	02:54

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A7249505	VB1-1-16.0-20.0	SOIL	03/16/2007	10:40	03/17/2007	10:50
A7249503	VB1-13-16.1-20.1	SOIL	03/15/2007	19:15	03/17/2007	10:50
A7249506	VB1-2-12.9-16.9	SOIL	03/16/2007	11:00	03/17/2007	10:50
A7249507	VB1-4-16.8-20.8	SOIL	03/16/2007	12:00	03/17/2007	10:50
A7249508	VB1-5-16.0-20.0	SOIL	03/16/2007	12:50	03/17/2007	10:50
A7249504	VB1-6-3.9-7.9	SOIL	03/16/2007	09:55	03/17/2007	10:50
A7249501	VB3-18-14.9-18.9	SOIL	03/15/2007	17:15	03/17/2007	10:50
A7249502	VB3-25-15.8-19.8	SOIL	03/15/2007	18:10	03/17/2007	10:50

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C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

V3D-2-10.5-14.5

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7206104

Sample wt/vol: 5.05 (g/mL) G Lab File ID: F5136.RR

Level: (low/med) LOW Date Samp/Recv: 03/05/2007 03/07/2007

% Moisture: not dec. 40 Heated Purge: Y Date Analyzed: 03/08/2007

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	17	U
74-83-9	Bromomethane	17	U
75-01-4	Vinyl chloride	640 460	E
75-00-3	Chloroethane	17	U
75-09-2	Methylene chloride	18	B U
67-64-1	Acetone	92	B
75-15-0	Carbon Disulfide	5	J
75-35-4	1,1-Dichloroethene	17	U
75-34-3	1,1-Dichloroethane	17	U
67-66-3	Chloroform	17	U
107-06-2	1,2-Dichloroethane	17	U
78-93-3	2-Butanone	18	
71-55-6	1,1,1-Trichloroethane	17	U
56-23-5	Carbon Tetrachloride	17	U
75-27-4	Bromodichloromethane	17	U
78-87-5	1,2-Dichloropropane	17	U
10061-01-5	cis-1,3-Dichloropropene	17	U
79-01-6	Trichloroethene	6	J
124-48-1	Dibromochloromethane	17	U
79-00-5	1,1,2-Trichloroethane	17	U
71-43-2	Benzene	17	U
10061-02-6	trans-1,3-Dichloropropene	17	U
75-25-2	Bromoform	17	U
108-10-1	4-Methyl-2-pentanone	17	U
591-78-6	2-Hexanone	17	U
127-18-4	Tetrachloroethene	17	U
108-88-3	Toluene	2	J
79-34-5	1,1,2,2-Tetrachloroethane	17	U
108-90-7	Chlorobenzene	17	U
100-41-4	Ethylbenzene	17	U
100-42-5	Styrene	17	U
1330-20-7	Total Xylenes	17	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	17	U
156-59-2	cis-1,2-Dichloroethene	110	

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

V3D-2-10.5-14.5

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7206104

Sample wt/vol: 5.05 (g/mL) G Lab File ID: F5136.RR

Level: (low/med) LOW Date Samp/Recv: 03/05/2007 03/07/2007

% Moisture: not dec. 40 Heated Purge: Y Date Analyzed: 03/08/2007

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	17	
75-71-8	Dichlorodifluoromethane	17	U
75-69-4	Trichlorofluoromethane	17	U
79-20-9	Methyl acetate	17	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	17	U
110-82-7	Cyclohexane	17	U
108-87-2	Methylcyclohexane	17	U
106-93-4	1,2-Dibromoethane	17	U
98-82-8	Isopropylbenzene	17	U
541-73-1	1,3-Dichlorobenzene	17	U
106-46-7	1,4-Dichlorobenzene	17	U
95-50-1	1,2-Dichlorobenzene	17	U
96-12-8	1,2-Dibromo-3-chloropropane	17	U
120-82-1	1,2,4-Trichlorobenzene	17	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

V3D-2-10.5-14.5

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7206104

Sample wt/vol: 5.05 (g/mL) G Lab File ID: F5136.RR

Level: (low/med) LOW Date Samp/Recv: 03/05/2007 03/07/2007

% Moisture: not dec. 40.4 Date Analyzed: 03/08/2007

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 4 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 110-54-3	HEXANE	2.74	34	JN
2. 534-22-5	FURAN, 2-METHYL-	3.01	58	JN
3. 554-14-3	2-METHYL THIOPHENE	5.51	10	JN
4. 638-02-8	2,5-DIMETHYL THIOPHENE	6.96	22	JN

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

V3D-5-14.4-18.4

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7206103

Sample wt/vol: 4.10 (g/mL) G Lab File ID: Q9039.RR

Level: (low/med) MED Date Samp/Recv: 03/05/2007 03/07/2007

% Moisture: not dec. 44 Heated Purge: N Date Analyzed: 03/08/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	2100 310	J U
74-83-9	Bromomethane	2100 560	J U
75-01-4	Vinyl chloride	2100	U
75-00-3	Chloroethane	2100	U
75-09-2	Methylene chloride	2100 320	J U
67-64-1	Acetone	1700	J
75-15-0	Carbon Disulfide	2100	U
75-35-4	1,1-Dichloroethene	2100	U
75-34-3	1,1-Dichloroethane	2100	U
67-66-3	Chloroform	2100	U
107-06-2	1,2-Dichloroethane	2100	U
78-93-3	2-Butanone	630	J
71-55-6	1,1,1-Trichloroethane	2100	U
56-23-5	Carbon Tetrachloride	2100	U
75-27-4	Bromodichloromethane	2100	U
78-87-5	1,2-Dichloropropane	2100	U
10061-01-5	cis-1,3-Dichloropropene	2100	U
79-01-6	Trichloroethene	2100	U
124-48-1	Dibromochloromethane	2100	U
79-00-5	1,1,2-Trichloroethane	2100	U
71-43-2	Benzene	2100	U
10061-02-6	trans-1,3-Dichloropropene	2100	U
75-25-2	Bromoform	2100	U
108-10-1	4-Methyl-2-pentanone	2100	U
591-78-6	2-Hexanone	2100	U
127-18-4	Tetrachloroethene	5300	
108-88-3	Toluene	2100	U
79-34-5	1,1,2,2-Tetrachloroethane	2100	U
108-90-7	Chlorobenzene	2100	U
100-41-4	Ethylbenzene	2100	U
100-42-5	Styrene	2100	U
1330-20-7	Total Xylenes	2100	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2100	U
156-59-2	cis-1,2-Dichloroethene	470	J

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

V3D-5-14.4-18.4

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7206103

Sample wt/vol: 4.10 (g/mL) G Lab File ID: Q9039.RR

Level: (low/med) MED Date Samp/Recv: 03/05/2007 03/07/2007

% Moisture: not dec. 44 Heated Purge: N Date Analyzed: 03/08/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	2100	U
75-71-8	Dichlorodifluoromethane	2100	U
75-69-4	Trichlorofluoromethane	2100	U
79-20-9	Methyl acetate	2100	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	2100	U
110-82-7	Cyclohexane	2100	U
108-87-2	Methylcyclohexane	2100	U
106-93-4	1,2-Dibromoethane	2100	U
98-82-8	Isopropylbenzene	2100	U
541-73-1	1,3-Dichlorobenzene	2100	U
106-46-7	1,4-Dichlorobenzene	2100	U
95-50-1	1,2-Dichlorobenzene	2100	U
96-12-8	1,2-Dibromo-3-chloropropane	2100	U
120-82-1	1,2,4-Trichlorobenzene	2100	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

V3D-5-14.4-18.4

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7206103

Sample wt/vol: 4.10 (g/mL) G Lab File ID: Q9039.RR

Level: (low/med) MED Date Samp/Recv: 03/05/2007 03/07/2007

% Moisture: not dec. 44.3 Date Analyzed: 03/08/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-1-5.9-9.9

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7219812

Sample wt/vol: 5.15 (g/mL) G Lab File ID: F5149.RR

Level: (low/med) LOW Date Samp/Recv: 03/07/2007 03/09/2007

% Moisture: not dec. 46 Heated Purge: Y Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	18	U J
74-83-9	Bromomethane	18	U
75-01-4	Vinyl chloride	65	J
75-00-3	Chloroethane	18	U
75-09-2	Methylene chloride	12 (18)	BJ (UJ)
67-64-1	Acetone	420 (580)	BE
75-15-0	Carbon Disulfide	6	J
75-35-4	1,1-Dichloroethene	18	U
75-34-3	1,1-Dichloroethane	18	U
67-66-3	Chloroform	18	U
107-06-2	1,2-Dichloroethane	18	U
78-93-3	2-Butanone	70	
71-55-6	1,1,1-Trichloroethane	18	U
56-23-5	Carbon Tetrachloride	18	U
75-27-4	Bromodichloromethane	18	U
78-87-5	1,2-Dichloropropane	18	U
10061-01-5	cis-1,3-Dichloropropene	18	U
79-01-6	Trichloroethene	140	
124-48-1	Dibromochloromethane	18	U
79-00-5	1,1,2-Trichloroethane	18	U
71-43-2	Benzene	18	U
10061-02-6	trans-1,3-Dichloropropene	18	U
75-25-2	Bromoform	18	U
108-10-1	4-Methyl-2-pentanone	18	U
591-78-6	2-Hexanone	18	U
127-18-4	Tetrachloroethene	150	
108-88-3	Toluene	18	U
79-34-5	1,1,2,2-Tetrachloroethane	18	U
108-90-7	Chlorobenzene	18	U
100-41-4	Ethylbenzene	18	U
100-42-5	Styrene	18	U
1330-20-7	Total Xylenes	18	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	18	U
156-59-2	cis-1,2-Dichloroethene	170	

STL

DATA QUALIFIER PAGE

These definitions are provided in the event the data in this report requires the use of one or more of the qualifiers. Not all qualifiers defined below are necessarily used in the accompanying data package.

ORGANIC DATA QUALIFIERS

ND or U	Indicates compound was analyzed for, but not detected.
J	Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
C	This flag applies to pesticide results where the identification has been confirmed by GC/MS.
B	This flag is used when the analyte is found in the associated blank, as well as in the sample.
E	This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at the secondary dilution factor.
N	Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
P	This flag is used for CLP methodology only. For Pesticide/Aroclor target analytes, when a difference for detected concentrations between the two GC columns is greater than 25%, the lower of the two values is reported on the data page and flagged with a "P".
A	This flag indicates that a TIC is a suspected aldol-condensation product.
1	Indicates coelution.
*	Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

ND or U	Indicates element was analyzed for, but not detected. Report with the detection limit value.
J or B	Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
N	Indicates spike sample recovery is not within the quality control limits.
S	Indicates value determined by the Method of Standard Addition.
E	Indicates a value estimated or not reported due to the presence of interferences.
H	Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
*	Indicates the spike or duplicate analysis is not within the quality control limits.
+	Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-1-5.9-9.9

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7219812

Sample wt/vol: 5.15 (g/mL) G Lab File ID: F5149.RR

Level: (low/med) LOW Date Samp/Recv: 03/07/2007 03/09/2007

% Moisture: not dec. 46 Heated Purge: Y Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	44	
75-71-8	Dichlorodifluoromethane	18	U
75-69-4	Trichlorofluoromethane	18	U
79-20-9	Methyl acetate	18	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	18	U
110-82-7	Cyclohexane	18	U
108-87-2	Methylcyclohexane	18	U
106-93-4	1,2-Dibromoethane	18	U
98-82-8	Isopropylbenzene	18	U
541-73-1	1,3-Dichlorobenzene	18	U
106-46-7	1,4-Dichlorobenzene	18	U
95-50-1	1,2-Dichlorobenzene	18	U
96-12-8	1,2-Dibromo-3-chloropropane	18	U
120-82-1	1,2,4-Trichlorobenzene	18	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB3-1-5.9-9.9

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7219812

Sample wt/vol: 5.15 (g/mL) G Lab File ID: F5149.RR

Level: (low/med) LOW Date Samp/Recv: 03/07/2007 03/09/2007

% Moisture: not dec. 46.1 Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 6 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	1.91	10	J
2. 110-00-9	FURAN	2.00	13	JN
3.	UNKNOWN	2.75	15	J
4. 534-22-5	2-METHYLFURAN	3.01	38	JN
5. 110-02-1	THIOPHENE	4.01	12	JN
6. 554-14-3	2-METHYL THIOPHENE	5.52	18	JN

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-10-14.5-18.5

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7219808

Sample wt/vol: 4.00 (g/mL) G Lab File ID: Q9078.RR

Level: (low/med) MED Date Samp/Recv: 03/07/2007 03/09/2007

% Moisture: not dec. 25 Heated Purge: N Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 8.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	13000	U
74-83-9	Bromomethane	13000	U
75-01-4	Vinyl chloride	13000	U
75-00-3	Chloroethane	13000	U
75-09-2	Methylene chloride	13000	U
67-64-1	Acetone	13000	U
75-15-0	Carbon Disulfide	13000	U
75-35-4	1,1-Dichloroethene	13000	U
75-34-3	1,1-Dichloroethane	13000	U
67-66-3	Chloroform	13000	U
107-06-2	1,2-Dichloroethane	13000	U
78-93-3	2-Butanone	13000	U
71-55-6	1,1,1-Trichloroethane	13000	U
56-23-5	Carbon Tetrachloride	13000	U
75-27-4	Bromodichloromethane	13000	U
78-87-5	1,2-Dichloropropane	13000	U
10061-01-5	cis-1,3-Dichloropropene	13000	U
79-01-6	Trichloroethene	3100	J
124-48-1	Dibromochloromethane	13000	U
79-00-5	1,1,2-Trichloroethane	13000	U
71-43-2	Benzene	13000	U
10061-02-6	trans-1,3-Dichloropropene	13000	U
75-25-2	Bromoform	13000	U
108-10-1	4-Methyl-2-pentanone	13000	U
591-78-6	2-Hexanone	13000	U
127-18-4	Tetrachloroethene	260000	
108-88-3	Toluene	13000	U
79-34-5	1,1,2,2-Tetrachloroethane	13000	U
108-90-7	Chlorobenzene	13000	U
100-41-4	Ethylbenzene	13000	U
100-42-5	Styrene	13000	U
1330-20-7	Total Xylenes	13000	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	13000	U
156-59-2	cis-1,2-Dichloroethene	13000	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB3-1-5.9-9.9 DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7219812DL

Sample wt/vol: 1.00 (g/mL) G Lab File ID: F5156.RR

Level: (low/med) LOW Date Samp/Recv: 03/07/2007 03/09/2007

% Moisture: not dec. 46.1 Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 110-54-3	HEXANE	2.75	71	JN

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-10-14.5-18.5

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7219808

Sample wt/vol: 4.00 (g/mL) G Lab File ID: Q9078.RR

Level: (low/med) MED Date Samp/Recv: 03/07/2007 03/09/2007

% Moisture: not dec. 25 Heated Purge: N Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 8.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	13000	U
75-71-8	Dichlorodifluoromethane	13000	U
75-69-4	Trichlorofluoromethane	13000	U
79-20-9	Methyl acetate	13000	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	13000	U
110-82-7	Cyclohexane	13000	U
108-87-2	Methylcyclohexane	13000	U
106-93-4	1,2-Dibromoethane	13000	U
98-82-8	Isopropylbenzene	13000	U
541-73-1	1,3-Dichlorobenzene	13000	U
106-46-7	1,4-Dichlorobenzene	13000	U
95-50-1	1,2-Dichlorobenzene	13000	U
96-12-8	1,2-Dibromo-3-chloropropane	13000	U
120-82-1	1,2,4-Trichlorobenzene	13000	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB3-10-14.5-18.5

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7219808

Sample wt/vol: 4.00 (g/mL) G Lab File ID: Q9078.RR

Level: (low/med) MED Date Samp/Recv: 03/07/2007 03/09/2007

% Moisture: not dec. 25.2 Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 8.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	1.92	7100	J

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-14-7.5-11.5

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7219805

Sample wt/vol: 5.00 (g/mL) G Lab File ID: F5145.RR

Level: (low/med) LOW Date Samp/Recv: 03/07/2007 03/09/2007

% Moisture: not dec. 36 Heated Purge: Y Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	16	U J
74-83-9	Bromomethane	16	U
75-01-4	Vinyl chloride	2	J J
75-00-3	Chloroethane	16	U
75-09-2	Methylene chloride	16 12	BJ UJ
67-64-1	Acetone	72	B
75-15-0	Carbon Disulfide	2	J
75-35-4	1,1-Dichloroethene	16	U
75-34-3	1,1-Dichloroethane	16	U
67-66-3	Chloroform	16	U
107-06-2	1,2-Dichloroethane	16	U
78-93-3	2-Butanone	17	
71-55-6	1,1,1-Trichloroethane	16	U
56-23-5	Carbon Tetrachloride	16	U
75-27-4	Bromodichloromethane	16	U
78-87-5	1,2-Dichloropropane	16	U
10061-01-5	cis-1,3-Dichloropropene	16	U
79-01-6	Trichloroethene	560 580	E J
124-48-1	Dibromochloromethane	16	U
79-00-5	1,1,2-Trichloroethane	16	U
71-43-2	Benzene	16	U
10061-02-6	trans-1,3-Dichloropropene	16	U
75-25-2	Bromoform	16	U
108-10-1	4-Methyl-2-pentanone	16	U
591-78-6	2-Hexanone	16	U
127-18-4	Tetrachloroethene	2900 2600	E
108-88-3	Toluene	16	U
79-34-5	1,1,2,2-Tetrachloroethane	16	U
108-90-7	Chlorobenzene	16	U
100-41-4	Ethylbenzene	16	U
100-42-5	Styrene	16	U
1330-20-7	Total Xylenes	16	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	16	U
156-59-2	cis-1,2-Dichloroethene	61	

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-14-7.5-11.5

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7219805

Sample wt/vol: 5.00 (g/mL) G Lab File ID: F5145.RR

Level: (low/med) LOW Date Samp/Recv: 03/07/2007 03/09/2007

% Moisture: not dec. 36 Heated Purge: Y Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	4	J
75-71-8	Dichlorodifluoromethane	16	U
75-69-4	Trichlorofluoromethane	16	U
79-20-9	Methyl acetate	16	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	16	U
110-82-7	Cyclohexane	16	U
108-87-2	Methylcyclohexane	16	U
106-93-4	1,2-Dibromoethane	16	U
98-82-8	Isopropylbenzene	16	U
541-73-1	1,3-Dichlorobenzene	16	U
106-46-7	1,4-Dichlorobenzene	16	U
95-50-1	1,2-Dichlorobenzene	16	U
96-12-8	1,2-Dibromo-3-chloropropane	16	U
120-82-1	1,2,4-Trichlorobenzene	16	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB3-14-7.5-11.5

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7219805

Sample wt/vol: 5.00 (g/mL) G Lab File ID: F5145.RR

Level: (low/med) LOW Date Samp/Recv: 03/07/2007 03/09/2007

% Moisture: not dec. 36.5 Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 3 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	1.46	40	J
2.	UNKNOWN	2.01	8	J
3.	UNKNOWN	2.75	14	J

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-14-7.5-11.5 DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7219805DL

Sample wt/vol: 4.00 (g/mL) G Lab File ID: Q9087.RR

Level: (low/med) MED Date Samp/Recv: 03/07/2007 03/09/2007

% Moisture: not dec. 36 Heated Purge: N Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	1900	U
74-83-9	Bromomethane	200	DJ
75-01-4	Vinyl chloride	1900	U
75-00-3	Chloroethane	1900	U
75-09-2	Methylene chloride	1900	U
67-64-1	Acetone	1900	U
75-15-0	Carbon Disulfide	1900	U
75-35-4	1,1-Dichloroethene	1900	U
75-34-3	1,1-Dichloroethane	1900	U
67-66-3	Chloroform	1900	U
107-06-2	1,2-Dichloroethane	1900	U
78-93-3	2-Butanone	1900	U
71-55-6	1,1,1-Trichloroethane	1900	U
56-23-5	Carbon Tetrachloride	1900	U
75-27-4	Bromodichloromethane	1900	U
78-87-5	1,2-Dichloropropane	1900	U
10061-01-5	cis-1,3-Dichloropropene	1900	U
79-01-6	Trichloroethene	560	DJ
124-48-1	Dibromochloromethane	1900	U
79-00-5	1,1,2-Trichloroethane	1900	U
71-43-2	Benzene	1900	U
10061-02-6	trans-1,3-Dichloropropene	1900	U
75-25-2	Bromoform	1900	U
108-10-1	4-Methyl-2-pentanone	1900	U
591-78-6	2-Hexanone	1900	U
127-18-4	Tetrachloroethene	2900	D
108-88-3	Toluene	1900	U
79-34-5	1,1,2,2-Tetrachloroethane	1900	U
108-90-7	Chlorobenzene	1900	U
100-41-4	Ethylbenzene	1900	U
100-42-5	Styrene	1900	U
1330-20-7	Total Xylenes	1900	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1900	U
156-59-2	cis-1,2-Dichloroethene	1900	U

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-15-17.1-21.1

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7219806

Sample wt/vol: 4.17 (g/mL) G Lab File ID: Q9077.RR

Level: (low/med) MED Date Samp/Recv: 03/07/2007 03/09/2007

% Moisture: not dec. 38 Heated Purge: N Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 2.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	3900 400	J UJ
74-83-9	Bromomethane	3700	U J
75-01-4	Vinyl chloride	3700	U J
75-00-3	Chloroethane	3700	U
75-09-2	Methylene chloride	3700	U
67-64-1	Acetone	7100	
75-15-0	Carbon Disulfide	3700	U
75-35-4	1,1-Dichloroethene	3700	U
75-34-3	1,1-Dichloroethane	3700	U
67-66-3	Chloroform	3700	U
107-06-2	1,2-Dichloroethane	3700	U
78-93-3	2-Butanone	2600	J
71-55-6	1,1,1-Trichloroethane	3700	U
56-23-5	Carbon Tetrachloride	3700	U
75-27-4	Bromodichloromethane	3700	U
78-87-5	1,2-Dichloropropane	3700	U
10061-01-5	cis-1,3-Dichloropropene	3700	U
79-01-6	Trichloroethene	8800	
124-48-1	Dibromochloromethane	3700	U
79-00-5	1,1,2-Trichloroethane	3700	U
71-43-2	Benzene	3700	U
10061-02-6	trans-1,3-Dichloropropene	3700	U
75-25-2	Bromoform	3700	U
108-10-1	4-Methyl-2-pentanone	3700	U
591-78-6	2-Hexanone	3700	U
127-18-4	Tetrachloroethene	64000	
108-88-3	Toluene	3700	U
79-34-5	1,1,2,2-Tetrachloroethane	3700	U
108-90-7	Chlorobenzene	3700	U
100-41-4	Ethylbenzene	3700	U
100-42-5	Styrene	3700	U
1330-20-7	Total Xylenes	3700	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	3700	U
156-59-2	cis-1,2-Dichloroethene	1700	J

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-15-17.1-21.1

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7219806

Sample wt/vol: 4.17 (g/mL) G Lab File ID: Q9077.RR

Level: (low/med) MED Date Samp/Recv: 03/07/2007 03/09/2007

% Moisture: not dec. 38 Heated Purge: N Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 2.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	3700	U
75-71-8	Dichlorodifluoromethane	3700	U
75-69-4	Trichlorofluoromethane	3700	U
79-20-9	Methyl acetate	3700	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	3700	U
110-82-7	Cyclohexane	3700	U
108-87-2	Methylcyclohexane	3700	U
106-93-4	1,2-Dibromoethane	3700	U
98-82-8	Isopropylbenzene	3700	U
541-73-1	1,3-Dichlorobenzene	3700	U
106-46-7	1,4-Dichlorobenzene	3700	U
95-50-1	1,2-Dichlorobenzene	3700	U
96-12-8	1,2-Dibromo-3-chloropropane	3700	U
120-82-1	1,2,4-Trichlorobenzene	3700	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB3-15-17.1-21.1

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7219806

Sample wt/vol: 4.17 (g/mL) G Lab File ID: Q9077.RR

Level: (low/med) MED Date Samp/Recv: 03/07/2007 03/09/2007

% Moisture: not dec. 38.3 Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 2.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-19-15.6-19.6

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7219804

Sample wt/vol: 4.08 (g/mL) G Lab File ID: Q9074.RR

Level: (low/med) MED Date Samp/Recv: 03/07/2007 03/09/2007

% Moisture: not dec. 46 Heated Purge: N Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	2200	U J
74-83-9	Bromomethane	2200 830	J UJ
75-01-4	Vinyl chloride	2200	U J
75-00-3	Chloroethane	2200	U
75-09-2	Methylene chloride	2200	U
67-64-1	Acetone	1000	J
75-15-0	Carbon Disulfide	2200	U
75-35-4	1,1-Dichloroethene	2200	U
75-34-3	1,1-Dichloroethane	2200	U
67-66-3	Chloroform	2200	U
107-06-2	1,2-Dichloroethane	2200	U
78-93-3	2-Butanone	2200	U
71-55-6	1,1,1-Trichloroethane	2200	U
56-23-5	Carbon Tetrachloride	2200	U
75-27-4	Bromodichloromethane	2200	U
78-87-5	1,2-Dichloropropane	2200	U
10061-01-5	cis-1,3-Dichloropropene	2200	U
79-01-6	Trichloroethene	5200	
124-48-1	Dibromochloromethane	2200	U
79-00-5	1,1,2-Trichloroethane	2200	U
71-43-2	Benzene	2200	U
10061-02-6	trans-1,3-Dichloropropene	2200	U
75-25-2	Bromoform	2200	U
108-10-1	4-Methyl-2-pentanone	2200	U
591-78-6	2-Hexanone	2200	U
127-18-4	Tetrachloroethene	590	J
108-88-3	Toluene	2200	U
79-34-5	1,1,2,2-Tetrachloroethane	2200	U
108-90-7	Chlorobenzene	2200	U
100-41-4	Ethylbenzene	2200	U
100-42-5	Styrene	2200	U
1330-20-7	Total Xylenes	2200	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2200	U
156-59-2	cis-1,2-Dichloroethene	18000	

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-19-15.6-19.6

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7219804

Sample wt/vol: 4.08 (g/mL) G Lab File ID: Q9074.RR

Level: (low/med) MED Date Samp/Recv: 03/07/2007 03/09/2007

% Moisture: not dec. 46 Heated Purge: N Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	590	J
75-71-8	Dichlorodifluoromethane	2200	U
75-69-4	Trichlorofluoromethane	2200	U
79-20-9	Methyl acetate	2200	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	2200	U
110-82-7	Cyclohexane	2200	U
108-87-2	Methylcyclohexane	2200	U
106-93-4	1,2-Dibromoethane	2200	U
98-82-8	Isopropylbenzene	2200	U
541-73-1	1,3-Dichlorobenzene	2200	U
106-46-7	1,4-Dichlorobenzene	2200	U
95-50-1	1,2-Dichlorobenzene	2200	U
96-12-8	1,2-Dibromo-3-chloropropane	2200	U
120-82-1	1,2,4-Trichlorobenzene	2200	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB3-19-15.6-19.6

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7219804

Sample wt/vol: 4.08 (g/mL) G Lab File ID: Q9074.RR

Level: (low/med) MED Date Samp/Recv: 03/07/2007 03/09/2007

% Moisture: not dec. 46.4 Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-2-16.1-20.1

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7219813

Sample wt/vol: 4.14 (g/mL) G Lab File ID: Q9080.RR

Level: (low/med) MED Date Samp/Recv: 03/07/2007 03/09/2007

% Moisture: not dec. 16 Heated Purge: N Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	1400 170	J U
74-83-9	Bromomethane	1400 400	J U
75-01-4	Vinyl chloride	1400	U
75-00-3	Chloroethane	1400	U
75-09-2	Methylene chloride	1400	U
67-64-1	Acetone	1400 580	J U
75-15-0	Carbon Disulfide	1400	U
75-35-4	1,1-Dichloroethene	1400	U
75-34-3	1,1-Dichloroethane	1400	U
67-66-3	Chloroform	1400	U
107-06-2	1,2-Dichloroethane	1400	U
78-93-3	2-Butanone	1400	U
71-55-6	1,1,1-Trichloroethane	1400	U
56-23-5	Carbon Tetrachloride	1400	U
75-27-4	Bromodichloromethane	1400	U
78-87-5	1,2-Dichloropropane	1400	U
10061-01-5	cis-1,3-Dichloropropene	1400	U
79-01-6	Trichloroethene	3300	
124-48-1	Dibromochloromethane	1400	U
79-00-5	1,1,2-Trichloroethane	1400	U
71-43-2	Benzene	1400	U
10061-02-6	trans-1,3-Dichloropropene	1400	U
75-25-2	Bromoform	1400	U
108-10-1	4-Methyl-2-pentanone	1400	U
591-78-6	2-Hexanone	1400	U
127-18-4	Tetrachloroethene	14000	
108-88-3	Toluene	1400	U
79-34-5	1,1,2,2-Tetrachloroethane	1400	U
108-90-7	Chlorobenzene	1400	U
100-41-4	Ethylbenzene	1400	U
100-42-5	Styrene	1400	U
1330-20-7	Total Xylenes	1400	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1400	U
156-59-2	cis-1,2-Dichloroethene	750	J

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-2-16.1-20.1

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7219813

Sample wt/vol: 4.14 (g/mL) G Lab File ID: Q9080.RR

Level: (low/med) MED Date Samp/Recv: 03/07/2007 03/09/2007

% Moisture: not dec. 16 Heated Purge: N Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	1400	U
75-71-8	Dichlorodifluoromethane	1400	U
75-69-4	Trichlorofluoromethane	1400	U
79-20-9	Methyl acetate	1400	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1400	U
110-82-7	Cyclohexane	1400	U
108-87-2	Methylcyclohexane	1400	U
106-93-4	1,2-Dibromoethane	1400	U
98-82-8	Isopropylbenzene	1400	U
541-73-1	1,3-Dichlorobenzene	1400	U
106-46-7	1,4-Dichlorobenzene	1400	U
95-50-1	1,2-Dichlorobenzene	1400	U
96-12-8	1,2-Dibromo-3-chloropropane	1400	U
120-82-1	1,2,4-Trichlorobenzene	1400	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB3-2-16.1-20.1

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7219813

Sample wt/vol: 4.14 (g/mL) G Lab File ID: Q9080.RR

Level: (low/med) MED Date Samp/Recv: 03/07/2007 03/09/2007

% Moisture: not dec. 16.3 Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-23-16.6-20.6

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7219802

Sample wt/vol: 4.13 (g/mL) G Lab File ID: Q9052.RR

Level: (low/med) MED Date Samp/Recv: 03/07/2007 03/09/2007

% Moisture: not dec. 61 Heated Purge: N Date Analyzed: 03/09/2007

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 20.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	60000	U J
74-83-9	Bromomethane	60000	U J
75-01-4	Vinyl chloride	60000	U J
75-00-3	Chloroethane	60000	U
75-09-2	Methylene chloride	60000	U
67-64-1	Acetone	60000	U
75-15-0	Carbon Disulfide	60000	U
75-35-4	1,1-Dichloroethene	60000	U
75-34-3	1,1-Dichloroethane	60000	U
67-66-3	Chloroform	60000	U
107-06-2	1,2-Dichloroethane	60000	U
78-93-3	2-Butanone	60000	U
71-55-6	1,1,1-Trichloroethane	60000	U
56-23-5	Carbon Tetrachloride	60000	U
75-27-4	Bromodichloromethane	60000	U
78-87-5	1,2-Dichloropropane	60000	U
10061-01-5	cis-1,3-Dichloropropene	60000	U
79-01-6	Trichloroethene	65000	
124-48-1	Dibromochloromethane	60000	U
79-00-5	1,1,2-Trichloroethane	60000	U
71-43-2	Benzene	60000	U
10061-02-6	trans-1,3-Dichloropropene	60000	U
75-25-2	Bromoform	60000	U
108-10-1	4-Methyl-2-pentanone	60000	U
591-78-6	2-Hexanone	60000	U
127-18-4	Tetrachloroethene 1,400,000	1400000	E
108-88-3	Toluene	60000	U
79-34-5	1,1,2,2-Tetrachloroethane	60000	U
108-90-7	Chlorobenzene	60000	U
100-41-4	Ethylbenzene	60000	U
100-42-5	Styrene	60000	U
1330-20-7	Total Xylenes	60000	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	60000	U
156-59-2	cis-1,2-Dichloroethene	29000	J

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-23-16.6-20.6

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7219802

Sample wt/vol: 4.13 (g/mL) G Lab File ID: Q9052.RR

Level: (low/med) MED Date Samp/Recv: 03/07/2007 03/09/2007

% Moisture: not dec. 61 Heated Purge: N Date Analyzed: 03/09/2007

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 20.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	60000	U
75-71-8	Dichlorodifluoromethane	60000	U
75-69-4	Trichlorofluoromethane	60000	U
79-20-9	Methyl acetate	60000	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	60000	U
110-82-7	Cyclohexane	60000	U
108-87-2	Methylcyclohexane	60000	U
106-93-4	1,2-Dibromoethane	60000	U
98-82-8	Isopropylbenzene	60000	U
541-73-1	1,3-Dichlorobenzene	60000	U
106-46-7	1,4-Dichlorobenzene	60000	U
95-50-1	1,2-Dichlorobenzene	60000	U
96-12-8	1,2-Dibromo-3-chloropropane	60000	U
120-82-1	1,2,4-Trichlorobenzene	60000	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB3-23-16.6-20.6

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7219802

Sample wt/vol: 4.13 (g/mL) G Lab File ID: Q9052.RR

Level: (low/med) MED Date Samp/Recv: 03/07/2007 03/09/2007

% Moisture: not dec. 61.3 Date Analyzed: 03/09/2007

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 20.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB3-23-16.6-20.6 DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7219802DL

Sample wt/vol: 4.13 (g/mL) G Lab File ID: Q9072.RR

Level: (low/med) MED Date Samp/Recv: 03/07/2007 03/09/2007

% Moisture: not dec. 61.3 Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 40.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-24-16.4-20.4

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7219803

Sample wt/vol: 4.09 (g/mL) G Lab File ID: Q9073.RR

Level: (low/med) MED Date Samp/Recv: 03/07/2007 03/09/2007

% Moisture: not dec. 55 Heated Purge: N Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 4.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	10000	U
74-83-9	Bromomethane	10000	U
75-01-4	Vinyl chloride	1900	J
75-00-3	Chloroethane	10000	U
75-09-2	Methylene chloride	10000	U
67-64-1	Acetone	10000	U
75-15-0	Carbon Disulfide	10000	U
75-35-4	1,1-Dichloroethene	10000	U
75-34-3	1,1-Dichloroethane	10000	U
67-66-3	Chloroform	10000	U
107-06-2	1,2-Dichloroethane	10000	U
78-93-3	2-Butanone	10000	U
71-55-6	1,1,1-Trichloroethane	10000	U
56-23-5	Carbon Tetrachloride	10000	U
75-27-4	Bromodichloromethane	10000	U
78-87-5	1,2-Dichloropropane	10000	U
10061-01-5	cis-1,3-Dichloropropene	10000	U
79-01-6	Trichloroethene	86000	
124-48-1	Dibromochloromethane	10000	U
79-00-5	1,1,2-Trichloroethane	10000	U
71-43-2	Benzene	10000	U
10061-02-6	trans-1,3-Dichloropropene	10000	U
75-25-2	Bromoform	10000	U
108-10-1	4-Methyl-2-pentanone	10000	U
591-78-6	2-Hexanone	10000	U
127-18-4	Tetrachloroethene	230000	E
108-88-3	Toluene	10000	U
79-34-5	1,1,2,2-Tetrachloroethane	10000	U
108-90-7	Chlorobenzene	10000	U
100-41-4	Ethylbenzene	10000	U
100-42-5	Styrene	10000	U
1330-20-7	Total Xylenes	10000	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10000	U
156-59-2	cis-1,2-Dichloroethene	53000	

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-24-16.4-20.4

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7219803

Sample wt/vol: 4.09 (g/mL) G Lab File ID: Q9073.RR

Level: (low/med) MED Date Samp/Recv: 03/07/2007 03/09/2007

% Moisture: not dec. 55 Heated Purge: N Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 4.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	10000	U
75-71-8	Dichlorodifluoromethane	10000	U
75-69-4	Trichlorofluoromethane	10000	U
79-20-9	Methyl acetate	10000	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	10000	U
110-82-7	Cyclohexane	10000	U
108-87-2	Methylcyclohexane	10000	U
106-93-4	1,2-Dibromoethane	10000	U
98-82-8	Isopropylbenzene	10000	U
541-73-1	1,3-Dichlorobenzene	10000	U
106-46-7	1,4-Dichlorobenzene	10000	U
95-50-1	1,2-Dichlorobenzene	10000	U
96-12-8	1,2-Dibromo-3-chloropropane	10000	U
120-82-1	1,2,4-Trichlorobenzene	10000	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB3-24-16.4-20.4

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7219803

Sample wt/vol: 4.09 (g/mL) G Lab File ID: Q9073.RR

Level: (low/med) MED Date Samp/Recv: 03/07/2007 03/09/2007

% Moisture: not dec. 55.1 Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 4.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-26-15.4-19.4

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7219801

Sample wt/vol: 5.01 (g/mL) G Lab File ID: F5144.RR

Level: (low/med) LOW Date Samp/Recv: 03/07/2007 03/09/2007

% Moisture: not dec. 46 Heated Purge: Y Date Analyzed: 03/09/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	18	U J
74-83-9	Bromomethane	18	U
75-01-4	Vinyl chloride	18	U J
75-00-3	Chloroethane	18	U
75-09-2	Methylene chloride	14 (18)	BJ (UJ)
67-64-1	Acetone	600 (1200)	BE
75-15-0	Carbon Disulfide	5	J
75-35-4	1,1-Dichloroethene	3	J
75-34-3	1,1-Dichloroethane	18	U
67-66-3	Chloroform	18	U
107-06-2	1,2-Dichloroethane	18	U
78-93-3	2-Butanone	210	
71-55-6	1,1,1-Trichloroethane	18	U
56-23-5	Carbon Tetrachloride	18	U
75-27-4	Bromodichloromethane	18	U
78-87-5	1,2-Dichloropropane	18	U
10061-01-5	cis-1,3-Dichloropropene	18	U
79-01-6	Trichloroethene	250	
124-48-1	Dibromochloromethane	18	U
79-00-5	1,1,2-Trichloroethane	18	U
71-43-2	Benzene	18	U
10061-02-6	trans-1,3-Dichloropropene	18	U
75-25-2	Bromoform	18	U
108-10-1	4-Methyl-2-pentanone	5	J
591-78-6	2-Hexanone	6	J
127-18-4	Tetrachloroethene	2	J
108-88-3	Toluene	3	J
79-34-5	1,1,2,2-Tetrachloroethane	18	U
108-90-7	Chlorobenzene	18	U
100-41-4	Ethylbenzene	18	U
100-42-5	Styrene	18	U
1330-20-7	Total Xylenes	18	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	18	U
156-59-2	cis-1,2-Dichloroethene	290	

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB3-24-16.4-20.4 DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7219803DL

Sample wt/vol: 4.09 (g/mL) G Lab File ID: Q9091.RR

Level: (low/med) MED Date Samp/Recv: 03/07/2007 03/09/2007

% Moisture: not dec. 55.1 Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 8.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-26-15.4-19.4

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7219801

Sample wt/vol: 5.01 (g/mL) G Lab File ID: F5144.RR

Level: (low/med) LOW Date Samp/Recv: 03/07/2007 03/09/2007

% Moisture: not dec. 46 Heated Purge: Y Date Analyzed: 03/09/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	80	
75-71-8	Dichlorodifluoromethane	18	U
75-69-4	Trichlorofluoromethane	18	U
79-20-9	Methyl acetate	18	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	18	U
110-82-7	Cyclohexane	18	U
108-87-2	Methylcyclohexane	18	U
106-93-4	1,2-Dibromoethane	18	U
98-82-8	Isopropylbenzene	18	U
541-73-1	1,3-Dichlorobenzene	18	U
106-46-7	1,4-Dichlorobenzene	18	U
95-50-1	1,2-Dichlorobenzene	18	U
96-12-8	1,2-Dibromo-3-chloropropane	18	U
120-82-1	1,2,4-Trichlorobenzene	18	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB3-26-15.4-19.4

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7219801

Sample wt/vol: 5.01 (g/mL) G Lab File ID: F5144.RR

Level: (low/med) LOW Date Samp/Recv: 03/07/2007 03/09/2007

% Moisture: not dec. 46.1 Date Analyzed: 03/09/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 10 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	1.44	15	J
2.	UNKNOWN	1.91	64	J
3. 110-00-9	FURAN	2.01	45	JN
4.	UNKNOWN	2.75	16	J
5.	UNKNOWN	2.91	24	J
6. 534-22-5	2-METHYLFURAN	3.01	110	JN
7. 110-02-1	THIOPHENE	4.01	34	JN
8.	UNKNOWN	5.29	25	J
9. 554-14-3	2-METHYL THIOPHENE	5.52	59	JN
10. 638-02-8	2,5-DIMETHYL THIOPHENE	6.96	29	JN

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-3-18.1-22.1

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7219811

Sample wt/vol: 5.10 (g/mL) G Lab File ID: F5155.RR

Level: (low/med) LOW Date Samp/Recv: 03/07/2007 03/09/2007

% Moisture: not dec. 15 Heated Purge: Y Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	12	U J
74-83-9	Bromomethane	12	U
75-01-4	Vinyl chloride	12	U J
75-00-3	Chloroethane	12	U
75-09-2	Methylene chloride	12	B UJ
67-64-1	Acetone	130	B
75-15-0	Carbon Disulfide	2	J
75-35-4	1,1-Dichloroethene	12	U
75-34-3	1,1-Dichloroethane	12	U
67-66-3	Chloroform	12	U
107-06-2	1,2-Dichloroethane	12	U
78-93-3	2-Butanone	31	
71-55-6	1,1,1-Trichloroethane	12	U
56-23-5	Carbon Tetrachloride	12	U
75-27-4	Bromodichloromethane	12	U
78-87-5	1,2-Dichloropropane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
79-01-6	Trichloroethene	4	J
124-48-1	Dibromochloromethane	12	U
79-00-5	1,1,2-Trichloroethane	12	U
71-43-2	Benzene	12	U
10061-02-6	trans-1,3-Dichloropropene	12	U
75-25-2	Bromoform	12	U
108-10-1	4-Methyl-2-pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	9	J
108-88-3	Toluene	12	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	12	U
100-42-5	Styrene	12	U
1330-20-7	Total Xylenes	12	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	12	U
156-59-2	cis-1,2-Dichloroethene	5	J

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB3-26-15.4-19.4 DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7219801DL

Sample wt/vol: 1.03 (g/mL) G Lab File ID: F5153.RR

Level: (low/med) LOW Date Samp/Recv: 03/07/2007 03/09/2007

% Moisture: not dec. 46.1 Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 7 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	1.91	97	J
2. 110-00-9	FURAN	2.01	64	JN
3.	UNKNOWN	2.74	62	J
4.	UNKNOWN	3.01	92	J
5. 110-02-1	THIOPHENE	4.01	61	JN
6. 554-14-3	2-METHYL THIOPHENE	5.52	110	JN
7.	UNKNOWN	6.96	63	J

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-3-18.1-22.1

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7219811

Sample wt/vol: 5.10 (g/mL) G Lab File ID: F5155.RR

Level: (low/med) LOW Date Samp/Recv: 03/07/2007 03/09/2007

% Moisture: not dec. 15 Heated Purge: Y Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	12	U
75-71-8	Dichlorodifluoromethane	12	U
75-69-4	Trichlorofluoromethane	12	U
79-20-9	Methyl acetate	12	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	12	U
110-82-7	Cyclohexane	12	U
108-87-2	Methylcyclohexane	12	U
106-93-4	1,2-Dibromoethane	12	U
98-82-8	Isopropylbenzene	12	U
541-73-1	1,3-Dichlorobenzene	12	U
106-46-7	1,4-Dichlorobenzene	12	U
95-50-1	1,2-Dichlorobenzene	12	U
96-12-8	1,2-Dibromo-3-chloropropane	12	U
120-82-1	1,2,4-Trichlorobenzene	12	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB3-3-18.1-22.1

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7219811

Sample wt/vol: 5.10 (g/mL) G Lab File ID: F5155.RR

Level: (low/med) LOW Date Samp/Recv: 03/07/2007 03/09/2007

% Moisture: not dec. 15.4 Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 2 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	1.46	11	J
2.	UNKNOWN	2.75	8	J

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-4-8-12

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7219814

Sample wt/vol: 5.00 (g/mL) G Lab File ID: F5150.RR

Level: (low/med) LOW Date Samp/Recv: 03/07/2007 03/09/2007

% Moisture: not dec. 52 Heated Purge: Y Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	21	U J
74-83-9	Bromomethane	21	U
75-01-4	Vinyl chloride	220	J
75-00-3	Chloroethane	21	U
75-09-2	Methylene chloride	21 12	BJ U J
67-64-1	Acetone	5600 2500	BE
75-15-0	Carbon Disulfide	3	J
75-35-4	1,1-Dichloroethene	4	J
75-34-3	1,1-Dichloroethane	21	U
67-66-3	Chloroform	21	U
107-06-2	1,2-Dichloroethane	21	U
78-93-3	2-Butanone	1700 930	E J
71-55-6	1,1,1-Trichloroethane	21	U
56-23-5	Carbon Tetrachloride	21	U
75-27-4	Bromodichloromethane	21	U
78-87-5	1,2-Dichloropropane	21	U
10061-01-5	cis-1,3-Dichloropropene	21	U
79-01-6	Trichloroethene	45	
124-48-1	Dibromochloromethane	21	U
79-00-5	1,1,2-Trichloroethane	21	U
71-43-2	Benzene	24	
10061-02-6	trans-1,3-Dichloropropene	21	U
75-25-2	Bromoform	21	U
108-10-1	4-Methyl-2-pentanone	6	J
591-78-6	2-Hexanone	21	
127-18-4	Tetrachloroethene	56	
108-88-3	Toluene	54	
79-34-5	1,1,2,2-Tetrachloroethane	21	U
108-90-7	Chlorobenzene	21	U
100-41-4	Ethylbenzene	21	U
100-42-5	Styrene	21	U
1330-20-7	Total Xylenes	140	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	21	U
156-59-2	cis-1,2-Dichloroethene	4700 3500	E

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-4-8-12

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7219814

Sample wt/vol: 5.00 (g/mL) G Lab File ID: F5150.RR

Level: (low/med) LOW Date Samp/Recv: 03/07/2007 03/09/2007

% Moisture: not dec. 52 Heated Purge: Y Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	650 420	E J
75-71-8	Dichlorodifluoromethane	21	U
75-69-4	Trichlorofluoromethane	21	U
79-20-9	Methyl acetate	21	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	21	U
110-82-7	Cyclohexane	21	U
108-87-2	Methylcyclohexane	21	U
106-93-4	1,2-Dibromoethane	21	U
98-82-8	Isopropylbenzene	21	U
541-73-1	1,3-Dichlorobenzene	21	U
106-46-7	1,4-Dichlorobenzene	21	U
95-50-1	1,2-Dichlorobenzene	21	U
96-12-8	1,2-Dibromo-3-chloropropane	21	U
120-82-1	1,2,4-Trichlorobenzene	21	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB3-4-8-12

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7219814

Sample wt/vol: 5.00 (g/mL) G Lab File ID: F5150.RR

Level: (low/med) LOW Date Samp/Recv: 03/07/2007 03/09/2007

% Moisture: not dec. 52.1 Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 10 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.		UNKNOWN	1.46	130	J
2.		UNKNOWN	1.91	70	J
3.	110-00-9	FURAN	2.01	190	JN
4.	78-84-2	2-METHYL PROPANAL	2.70	40	JN
5.	534-22-5	2-METHYLFURAN	3.02	120	JN
6.	110-00-1	THIOPHENE	4.01	110	JN
7.		UNKNOWN	4.46	38	J
8.	123-51-3	3-METHYL- 1-BUTANOL	5.29	35	JN
9.	554-14-3	2-METHYL THIOPHENE	5.52	140	JN
10.	111-13-7	2-OCTANONE	8.88	210	JN

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-4-8-12 DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7219814DL

Sample wt/vol: 4.11 (g/mL) G Lab File ID: Q9090.RR

Level: (low/med) MED Date Samp/Recv: 03/07/2007 03/09/2007

% Moisture: not dec. 52 Heated Purge: N Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	2400	U
74-83-9	Bromomethane	2400	U
75-01-4	Vinyl chloride	2400	U
75-00-3	Chloroethane	2400	U
75-09-2	Methylene chloride	2400	U
67-64-1	Acetone	5600	D
75-15-0	Carbon Disulfide	2400	U
75-35-4	1,1-Dichloroethene	2400	U
75-34-3	1,1-Dichloroethane	2400	U
67-66-3	Chloroform	2400	U
107-06-2	1,2-Dichloroethane	2400	U
78-93-3	2-Butanone	1700	DJ
71-55-6	1,1,1-Trichloroethane	2400	U
56-23-5	Carbon Tetrachloride	2400	U
75-27-4	Bromodichloromethane	2400	U
78-87-5	1,2-Dichloropropane	2400	U
10061-01-5	cis-1,3-Dichloropropene	2400	U
79-01-6	Trichloroethene	2400	U
124-48-1	Dibromochloromethane	2400	U
79-00-5	1,1,2-Trichloroethane	2400	U
71-43-2	Benzene	2400	U
10061-02-6	trans-1,3-Dichloropropene	2400	U
75-25-2	Bromoform	2400	U
108-10-1	4-Methyl-2-pentanone	2400	U
591-78-6	2-Hexanone	2400	U
127-18-4	Tetrachloroethene	2400	U
108-88-3	Toluene	2400	U
79-34-5	1,1,2,2-Tetrachloroethane	2400	U
108-90-7	Chlorobenzene	2400	U
100-41-4	Ethylbenzene	2400	U
100-42-5	Styrene	2400	U
1330-20-7	Total Xylenes	2400	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2400	U
156-59-2	cis-1,2-Dichloroethene	4700	D

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-5-7-11

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7219810

Sample wt/vol: 5.16 (g/mL) G Lab File ID: F5147.RR

Level: (low/med) LOW Date Samp/Recv: 03/07/2007 03/09/2007

% Moisture: not dec. 48 Heated Purge: Y Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	19	U J
74-83-9	Bromomethane	19	U
75-01-4	Vinyl chloride	8	J J
75-00-3	Chloroethane	19	U
75-09-2	Methylene chloride	19 16	BJ UJ
67-64-1	Acetone	3200 1400	BE
75-15-0	Carbon Disulfide	3	J
75-35-4	1,1-Dichloroethene	19	U
75-34-3	1,1-Dichloroethane	19	U
67-66-3	Chloroform	19	U
107-06-2	1,2-Dichloroethane	19	U
78-93-3	2-Butanone	1000 480	E J
71-55-6	1,1,1-Trichloroethane	19	U
56-23-5	Carbon Tetrachloride	19	U
75-27-4	Bromodichloromethane	19	U
78-87-5	1,2-Dichloropropane	19	U
10061-01-5	cis-1,3-Dichloropropene	19	U
79-01-6	Trichloroethene	120	
124-48-1	Dibromochloromethane	19	U
79-00-5	1,1,2-Trichloroethane	19	U
71-43-2	Benzene	17	J
10061-02-6	trans-1,3-Dichloropropene	19	U
75-25-2	Bromoform	19	U
108-10-1	4-Methyl-2-pentanone	19	U
591-78-6	2-Hexanone	6	J
127-18-4	Tetrachloroethene	830 380	E J
108-88-3	Toluene	36	
79-34-5	1,1,2,2-Tetrachloroethane	19	U
108-90-7	Chlorobenzene	19	U
100-41-4	Ethylbenzene	19	U
100-42-5	Styrene	19	U
1330-20-7	Total Xylenes	49	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	19	U
156-59-2	cis-1,2-Dichloroethene	320	

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-5-7-11

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7219810

Sample wt/vol: 5.16 (g/mL) G Lab File ID: F5147.RR

Level: (low/med) LOW Date Samp/Recv: 03/07/2007 03/09/2007

% Moisture: not dec. 48 Heated Purge: Y Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	6	J
75-71-8	Dichlorodifluoromethane	19	U
75-69-4	Trichlorofluoromethane	19	U
79-20-9	Methyl acetate	19	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	19	U
110-82-7	Cyclohexane	19	U
108-87-2	Methylcyclohexane	19	U
106-93-4	1,2-Dibromoethane	19	U
98-82-8	Isopropylbenzene	19	U
541-73-1	1,3-Dichlorobenzene	19	U
106-46-7	1,4-Dichlorobenzene	19	U
95-50-1	1,2-Dichlorobenzene	19	U
96-12-8	1,2-Dibromo-3-chloropropane	19	U
120-82-1	1,2,4-Trichlorobenzene	19	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB3-5-7-11

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7219810

Sample wt/vol: 5.16 (g/mL) G Lab File ID: F5147.RR

Level: (low/med) LOW Date Samp/Recv: 03/07/2007 03/09/2007

% Moisture: not dec. 48.0 Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 10 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.		UNKNOWN	1.46	160	J
2.		UNKNOWN	1.91	24	J
3.	110-00-9	FURAN	2.01	140	JN
4.	78-84-2	2-METHYL PROPANAL	2.70	67	JN
5.	534-22-5	2-METHYLFURAN	3.02	70	JN
6.		UNKNOWN	3.95	49	J
7.	110-02-1	THIOPHENE	4.01	33	JN
8.		UNKNOWN	4.06	37	J
9.	554-14-3	2-METHYL THIOPHENE	5.52	35	JN
10.		UNKNOWN	8.88	31	J

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-5-7-11 DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7219810DL

Sample wt/vol: 4.01 (g/mL) G Lab File ID: Q9089.RR

Level: (low/med) MED Date Samp/Recv: 03/07/2007 03/09/2007

% Moisture: not dec. 48 Heated Purge: N Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	2300	U
74-83-9	Bromomethane	2300	U
75-01-4	Vinyl chloride	2300	U
75-00-3	Chloroethane	2300	U
75-09-2	Methylene chloride	2300	U
67-64-1	Acetone	3200	D
75-15-0	Carbon Disulfide	2300	U
75-35-4	1,1-Dichloroethene	2300	U
75-34-3	1,1-Dichloroethane	2300	U
67-66-3	Chloroform	2300	U
107-06-2	1,2-Dichloroethane	2300	U
78-93-3	2-Butanone	1000	DJ
71-55-6	1,1,1-Trichloroethane	2300	U
56-23-5	Carbon Tetrachloride	2300	U
75-27-4	Bromodichloromethane	2300	U
78-87-5	1,2-Dichloropropane	2300	U
10061-01-5	cis-1,3-Dichloropropene	2300	U
79-01-6	Trichloroethene	2300	U
124-48-1	Dibromochloromethane	2300	U
79-00-5	1,1,2-Trichloroethane	2300	U
71-43-2	Benzene	2300	U
10061-02-6	trans-1,3-Dichloropropene	2300	U
75-25-2	Bromoform	2300	U
108-10-1	4-Methyl-2-pentanone	2300	U
591-78-6	2-Hexanone	2300	U
127-18-4	Tetrachloroethene	830	DJ
108-88-3	Toluene	2300	U
79-34-5	1,1,2,2-Tetrachloroethane	2300	U
108-90-7	Chlorobenzene	2300	U
100-41-4	Ethylbenzene	2300	U
100-42-5	Styrene	2300	U
1330-20-7	Total Xylenes	2300	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2300	U
156-59-2	cis-1,2-Dichloroethene	350	DJ

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-6-7-11

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7219809

Sample wt/vol: 4.08 (g/mL) G Lab File ID: Q9059.RR

Level: (low/med) MED Date Samp/Recv: 03/07/2007 03/09/2007

% Moisture: not dec. 57 Heated Purge: N Date Analyzed: 03/09/2007

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 20.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	54000	U
74-83-9	Bromomethane	54000	U
75-01-4	Vinyl chloride	54000	U
75-00-3	Chloroethane	54000	U
75-09-2	Methylene chloride	54000	U
67-64-1	Acetone	54000	U
75-15-0	Carbon Disulfide	54000	U
75-35-4	1,1-Dichloroethene	54000	U
75-34-3	1,1-Dichloroethane	54000	U
67-66-3	Chloroform	54000	U
107-06-2	1,2-Dichloroethane	54000	U
78-93-3	2-Butanone	54000	U
71-55-6	1,1,1-Trichloroethane	54000	U
56-23-5	Carbon Tetrachloride	54000	U
75-27-4	Bromodichloromethane	54000	U
78-87-5	1,2-Dichloropropane	54000	U
10061-01-5	cis-1,3-Dichloropropene	54000	U
79-01-6	Trichloroethene	22000	J
124-48-1	Dibromochloromethane	54000	U
79-00-5	1,1,2-Trichloroethane	54000	U
71-43-2	Benzene	54000	U
10061-02-6	trans-1,3-Dichloropropene	54000	U
75-25-2	Bromoform	54000	U
108-10-1	4-Methyl-2-pentanone	54000	U
591-78-6	2-Hexanone	54000	U
127-18-4	Tetrachloroethene 1,000,000	1100000	E
108-88-3	Toluene	54000	U
79-34-5	1,1,2,2-Tetrachloroethane	54000	U
108-90-7	Chlorobenzene	54000	U
100-41-4	Ethylbenzene	54000	U
100-42-5	Styrene	54000	U
1330-20-7	Total Xylenes	54000	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	54000	U
156-59-2	cis-1,2-Dichloroethene	6600	J

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-6-7-11

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7219809

Sample wt/vol: 4.08 (g/mL) G Lab File ID: Q9059.RR

Level: (low/med) MED Date Samp/Recv: 03/07/2007 03/09/2007

% Moisture: not dec. 57 Heated Purge: N Date Analyzed: 03/09/2007

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 20.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	54000	U
75-71-8	Dichlorodifluoromethane	54000	U
75-69-4	Trichlorofluoromethane	54000	U
79-20-9	Methyl acetate	54000	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	54000	U
110-82-7	Cyclohexane	54000	U
108-87-2	Methylcyclohexane	54000	U
106-93-4	1,2-Dibromoethane	54000	U
98-82-8	Isopropylbenzene	54000	U
541-73-1	1,3-Dichlorobenzene	54000	U
106-46-7	1,4-Dichlorobenzene	54000	U
95-50-1	1,2-Dichlorobenzene	54000	U
96-12-8	1,2-Dibromo-3-chloropropane	54000	U
120-82-1	1,2,4-Trichlorobenzene	54000	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB3-6-7-11

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7219809

Sample wt/vol: 4.08 (g/mL) G Lab File ID: Q9059.RR

Level: (low/med) MED Date Samp/Recv: 03/07/2007 03/09/2007

% Moisture: not dec. 56.6 Date Analyzed: 03/09/2007

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 20.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-6-7-11 DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7219809DL

Sample wt/vol: 4.08 (g/mL) G Lab File ID: Q9079.RR

Level: (low/med) MED Date Samp/Recv: 03/07/2007 03/09/2007

% Moisture: not dec. 57 Heated Purge: N Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 40.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	110000	U
74-83-9	Bromomethane	110000	U
75-01-4	Vinyl chloride	110000	U
75-00-3	Chloroethane	110000	U
75-09-2	Methylene chloride	110000	U
67-64-1	Acetone	110000	U
75-15-0	Carbon Disulfide	110000	U
75-35-4	1,1-Dichloroethene	110000	U
75-34-3	1,1-Dichloroethane	110000	U
67-66-3	Chloroform	110000	U
107-06-2	1,2-Dichloroethane	110000	U
78-93-3	2-Butanone	110000	U
71-55-6	1,1,1-Trichloroethane	110000	U
56-23-5	Carbon Tetrachloride	110000	U
75-27-4	Bromodichloromethane	110000	U
78-87-5	1,2-Dichloropropane	110000	U
10061-01-5	cis-1,3-Dichloropropene	110000	U
79-01-6	Trichloroethene	20000	DJ
124-48-1	Dibromochloromethane	110000	U
79-00-5	1,1,2-Trichloroethane	110000	U
71-43-2	Benzene	110000	U
10061-02-6	trans-1,3-Dichloropropene	110000	U
75-25-2	Bromoform	110000	U
108-10-1	4-Methyl-2-pentanone	110000	U
591-78-6	2-Hexanone	110000	U
127-18-4	Tetrachloroethene	1000000	D
108-88-3	Toluene	110000	U
79-34-5	1,1,2,2-Tetrachloroethane	110000	U
108-90-7	Chlorobenzene	110000	U
100-41-4	Ethylbenzene	110000	U
100-42-5	Styrene	110000	U
1330-20-7	Total Xylenes	110000	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	110000	U
156-59-2	cis-1,2-Dichloroethene	110000	U

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-9-8.75-12.75

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7219807

Sample wt/vol: 5.19 (g/mL) G Lab File ID: F5146.RR

Level: (low/med) LOW Date Samp/Recv: 03/07/2007 03/09/2007

% Moisture: not dec. 52 Heated Purge: Y Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	20	U J
74-83-9	Bromomethane	20	U
75-01-4	Vinyl chloride	6	J J
75-00-3	Chloroethane	20	U
75-09-2	Methylene chloride	20 14	BJ UJ
67-64-1	Acetone	7300 2900	BE
75-15-0	Carbon Disulfide	7	J
75-35-4	1,1-Dichloroethene	20	U
75-34-3	1,1-Dichloroethane	20	U
67-66-3	Chloroform	20	U
107-06-2	1,2-Dichloroethane	20	U
78-93-3	2-Butanone	2200 1200	E J
71-55-6	1,1,1-Trichloroethane	20	U
56-23-5	Carbon Tetrachloride	20	U
75-27-4	Bromodichloromethane	20	U
78-87-5	1,2-Dichloropropane	20	U
10061-01-5	cis-1,3-Dichloropropene	20	U
79-01-6	Trichloroethene	150	
124-48-1	Dibromochloromethane	20	U
79-00-5	1,1,2-Trichloroethane	20	U
71-43-2	Benzene	23	
10061-02-6	trans-1,3-Dichloropropene	20	U
75-25-2	Bromoform	20	U
108-10-1	4-Methyl-2-pentanone	8	J
591-78-6	2-Hexanone	20	
127-18-4	Tetrachloroethene	280	
108-88-3	Toluene	48	
79-34-5	1,1,2,2-Tetrachloroethane	20	U
108-90-7	Chlorobenzene	20	U
100-41-4	Ethylbenzene	20	U
100-42-5	Styrene	20	U
1330-20-7	Total Xylenes	130	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	20	U
156-59-2	cis-1,2-Dichloroethene	1800 1700	E J

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-9-8.75-12.75

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7219807

Sample wt/vol: 5.19 (g/mL) G Lab File ID: F5146.RR

Level: (low/med) LOW Date Samp/Recv: 03/07/2007 03/09/2007

% Moisture: not dec. 52 Heated Purge: Y Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	14	J
75-71-8	Dichlorodifluoromethane	20	U
75-69-4	Trichlorofluoromethane	20	U
79-20-9	Methyl acetate	20	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	20	U
110-82-7	Cyclohexane	20	U
108-87-2	Methylcyclohexane	20	U
106-93-4	1,2-Dibromoethane	20	U
98-82-8	Isopropylbenzene	20	U
541-73-1	1,3-Dichlorobenzene	20	U
106-46-7	1,4-Dichlorobenzene	20	U
95-50-1	1,2-Dichlorobenzene	20	U
96-12-8	1,2-Dibromo-3-chloropropane	20	U
120-82-1	1,2,4-Trichlorobenzene	20	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB3-9-8.75-12.75

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7219807

Sample wt/vol: 5.19 (g/mL) G Lab File ID: F5146.RR

Level: (low/med) LOW Date Samp/Recv: 03/07/2007 03/09/2007

% Moisture: not dec. 52.1 Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 10 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.		UNKNOWN	1.46	230	J
2.		UNKNOWN	1.91	51	J
3.	110-00-9	FURAN	2.01	170	JN
4.	78-84-2	2-METHYL PROPANAL	2.70	100	JN
5.	534-22-5	2-METHYLFURAN	3.02	110	JN
6.		UNKNOWN	3.95	68	J
7.	110-02-1	THIOPHENE	4.01	49	JN
8.		UNKNOWN	4.06	67	J
9.	554-14-3	2-METHYL THIOPHENE	5.52	47	JN
10.	111-13-7	2-OCTANONE	8.88	270	JN

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-9-8.75-12.75 DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7219807DL

Sample wt/vol: 4.06 (g/mL) G Lab File ID: Q9088.RR

Level: (low/med) MED Date Samp/Recv: 03/07/2007 03/09/2007

% Moisture: not dec. 52 Heated Purge: N Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	2500	U
74-83-9	Bromomethane	2500	U
75-01-4	Vinyl chloride	2500	U
75-00-3	Chloroethane	2500	U
75-09-2	Methylene chloride	2500	U
67-64-1	Acetone	7300	D
75-15-0	Carbon Disulfide	2500	U
75-35-4	1,1-Dichloroethene	2500	U
75-34-3	1,1-Dichloroethane	2500	U
67-66-3	Chloroform	2500	U
107-06-2	1,2-Dichloroethane	2500	U
78-93-3	2-Butanone	2200	DJ
71-55-6	1,1,1-Trichloroethane	2500	U
56-23-5	Carbon Tetrachloride	2500	U
75-27-4	Bromodichloromethane	2500	U
78-87-5	1,2-Dichloropropane	2500	U
10061-01-5	cis-1,3-Dichloropropene	2500	U
79-01-6	Trichloroethene	2500	U
124-48-1	Dibromochloromethane	2500	U
79-00-5	1,1,2-Trichloroethane	2500	U
71-43-2	Benzene	2500	U
10061-02-6	trans-1,3-Dichloropropene	2500	U
75-25-2	Bromoform	2500	U
108-10-1	4-Methyl-2-pentanone	2500	U
591-78-6	2-Hexanone	2500	U
127-18-4	Tetrachloroethene	1100	DJ
108-88-3	Toluene	2500	U
79-34-5	1,1,2,2-Tetrachloroethane	2500	U
108-90-7	Chlorobenzene	2500	U
100-41-4	Ethylbenzene	2500	U
100-42-5	Styrene	2500	U
1330-20-7	Total Xylenes	2500	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2500	U
156-59-2	cis-1,2-Dichloroethene	1800	DJ

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-16-14.4-18.4

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7224403

Sample wt/vol: 5.06 (g/mL) G Lab File ID: F5162.RR

Level: (low/med) LOW Date Samp/Recv: 03/09/2007 03/10/2007

% Moisture: not dec. 40 Heated Purge: Y Date Analyzed: 03/13/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	16	U
74-83-9	Bromomethane	16	U
75-01-4	Vinyl chloride	16	U
75-00-3	Chloroethane	16	U
75-09-2	Methylene chloride	14 (16)	BJ (U)
67-64-1	Acetone	720 (870)	BE (J)
75-15-0	Carbon Disulfide	2	J
75-35-4	1,1-Dichloroethene	16	U
75-34-3	1,1-Dichloroethane	16	U
67-66-3	Chloroform	16	U
107-06-2	1,2-Dichloroethane	16	U
78-93-3	2-Butanone	210	
71-55-6	1,1,1-Trichloroethane	16	U
56-23-5	Carbon Tetrachloride	16	U
75-27-4	Bromodichloromethane	16	U
78-87-5	1,2-Dichloropropane	16	U
10061-01-5	cis-1,3-Dichloropropene	16	U
79-01-6	Trichloroethene	64	
124-48-1	Dibromochloromethane	16	U
79-00-5	1,1,2-Trichloroethane	16	U
71-43-2	Benzene	16	U
10061-02-6	trans-1,3-Dichloropropene	16	U
75-25-2	Bromoform	16	U
108-10-1	4-Methyl-2-pentanone	16	U
591-78-6	2-Hexanone	16	U
127-18-4	Tetrachloroethene	3900 (2000)	E
108-88-3	Toluene	16	U
79-34-5	1,1,2,2-Tetrachloroethane	16	U
108-90-7	Chlorobenzene	16	U
100-41-4	Ethylbenzene	16	U
100-42-5	Styrene	16	U
1330-20-7	Total Xylenes	16	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	16	U
156-59-2	cis-1,2-Dichloroethene	7	J

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-16-14.4-18.4

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7224403

Sample wt/vol: 5.06 (g/mL) G Lab File ID: F5162.RR

Level: (low/med) LOW Date Samp/Recv: 03/09/2007 03/10/2007

% Moisture: not dec. 40 Heated Purge: Y Date Analyzed: 03/13/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	16	U
75-71-8	Dichlorodifluoromethane	16	U
75-69-4	Trichlorofluoromethane	16	U
79-20-9	Methyl acetate	16	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	16	U
110-82-7	Cyclohexane	16	U
108-87-2	Methylcyclohexane	16	U
106-93-4	1,2-Dibromoethane	16	U
98-82-8	Isopropylbenzene	16	U
541-73-1	1,3-Dichlorobenzene	16	U
106-46-7	1,4-Dichlorobenzene	16	U
95-50-1	1,2-Dichlorobenzene	16	U
96-12-8	1,2-Dibromo-3-chloropropane	16	U
120-82-1	1,2,4-Trichlorobenzene	16	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB3-16-14.4-18.4

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7224403

Sample wt/vol: 5.06 (g/mL) G Lab File ID: F5162.RR

Level: (low/med) LOW Date Samp/Recv: 03/09/2007 03/10/2007

% Moisture: not dec. 39.8 Date Analyzed: 03/13/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 8 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.		UNKNOWN	1.46	130	J
2.		UNKNOWN	1.91	9	J
3.	110-00-9	FURAN	2.00	25	JN
4.		UNKNOWN	2.69	39	J
5.		UNKNOWN	2.74	14	J
6.	534-22-5	FURAN, 2-METHYL-	3.01	16	JN
7.		UNKNOWN	3.94	34	J
8.		UNKNOWN	4.05	21	J

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-13-7.25-11.25

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7247701

Sample wt/vol: 1.03 (g/mL) G Lab File ID: P7271.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/16/2007

% Moisture: not dec. 49 Heated Purge: Y Date Analyzed: 03/16/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	96	U
74-83-9	Bromomethane	96	U
75-01-4	Vinyl chloride	96	U
75-00-3	Chloroethane	96	U
75-09-2	Methylene chloride	140	B U
67-64-1	Acetone	5600 7700	E
75-15-0	Carbon Disulfide	96	U
75-35-4	1,1-Dichloroethene	96	U
75-34-3	1,1-Dichloroethane	96	U
67-66-3	Chloroform	96	U
107-06-2	1,2-Dichloroethane	96	U
78-93-3	2-Butanone	2000 2400	E
71-55-6	1,1,1-Trichloroethane	96	U
56-23-5	Carbon Tetrachloride	96	U
75-27-4	Bromodichloromethane	96	U
78-87-5	1,2-Dichloropropane	96	U
10061-01-5	cis-1,3-Dichloropropene	96	U
79-01-6	Trichloroethene	220	
124-48-1	Dibromochloromethane	96	U
79-00-5	1,1,2-Trichloroethane	96	U
71-43-2	Benzene	17	J
10061-02-6	trans-1,3-Dichloropropene	96	U
75-25-2	Bromoform	96	U
108-10-1	4-Methyl-2-pentanone	96	U
591-78-6	2-Hexanone	96	U
127-18-4	Tetrachloroethene	320	
108-88-3	Toluene	48	J
79-34-5	1,1,2,2-Tetrachloroethane	96	U
108-90-7	Chlorobenzene	96	U
100-41-4	Ethylbenzene	130	
100-42-5	Styrene	96	U
1330-20-7	Total Xylenes	100	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	96	U
156-59-2	cis-1,2-Dichloroethene	2100 2500	E

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-13-7.25-11.25

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7247701

Sample wt/vol: 1.03 (g/mL) G Lab File ID: P7271.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/16/2007

% Moisture: not dec. 49 Heated Purge: Y Date Analyzed: 03/16/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	31	J
75-71-8	Dichlorodifluoromethane	96	U
75-69-4	Trichlorofluoromethane	96	U
79-20-9	Methyl acetate	96	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	96	U
110-82-7	Cyclohexane	96	U
108-87-2	Methylcyclohexane	96	U
106-93-4	1,2-Dibromoethane	96	U
98-82-8	Isopropylbenzene	96	U
541-73-1	1,3-Dichlorobenzene	96	U
106-46-7	1,4-Dichlorobenzene	96	U
95-50-1	1,2-Dichlorobenzene	96	U
96-12-8	1,2-Dibromo-3-chloropropane	96	U
120-82-1	1,2,4-Trichlorobenzene	96	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB3-13-7.25-11.25

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7247701

Sample wt/vol: 1.03 (g/mL) G Lab File ID: P7271.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/16/2007

% Moisture: not dec. 49.4 Date Analyzed: 03/16/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 8 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.		UNKNOWN	4.69	110	J
2.	110-00-9	FURAN	6.00	150	JN
3.	78-84-2	2-METHYL PROPANAL	7.39	64	JN
4.	110-54-3	HEXANE	7.49	73	JN
5.	534-22-5	2-METHYLFURAN	7.99	64	JN
6.		UNKNOWN	9.73	110	J
7.	554-14-3	2-METHYL THIOPHENE	12.02	74	JN
8.	111-13-7	2-OCTANONE	16.57	100	JN

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-1-16.0-20.0

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7249505

Sample wt/vol: 1.09 (g/mL) G Lab File ID: F5226.RR

Level: (low/med) LOW Date Samp/Recv: 03/16/2007 03/17/2007

% Moisture: not dec. 49 Heated Purge: Y Date Analyzed: 03/22/2007

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	90	U
74-83-9	Bromomethane	90	U
75-01-4	Vinyl chloride	90	U
75-00-3	Chloroethane	90	U
75-09-2	Methylene chloride	200	B U
67-64-1	Acetone	1300	B U
75-15-0	Carbon Disulfide	28	J
75-35-4	1,1-Dichloroethene	90	U
75-34-3	1,1-Dichloroethane	90	U
67-66-3	Chloroform	90	U
107-06-2	1,2-Dichloroethane	90	U
78-93-3	2-Butanone	580	
71-55-6	1,1,1-Trichloroethane	90	U
56-23-5	Carbon Tetrachloride	90	U
75-27-4	Bromodichloromethane	90	U
78-87-5	1,2-Dichloropropane	90	U
10061-01-5	cis-1,3-Dichloropropene	90	U
79-01-6	Trichloroethene	100	
124-48-1	Dibromochloromethane	90	U
79-00-5	1,1,2-Trichloroethane	90	U
71-43-2	Benzene	90	U
10061-02-6	trans-1,3-Dichloropropene	90	U
75-25-2	Bromoform	90	U
108-10-1	4-Methyl-2-pentanone	90	U
591-78-6	2-Hexanone	90	U
127-18-4	Tetrachloroethene	67	J
108-88-3	Toluene	90	U
79-34-5	1,1,2,2-Tetrachloroethane	90	U
108-90-7	Chlorobenzene	90	U
100-41-4	Ethylbenzene	90	U
100-42-5	Styrene	90	U
1330-20-7	Total Xylenes	90	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	90	U
156-59-2	cis-1,2-Dichloroethene	450	

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-1-16.0-20.0

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7249505

Sample wt/vol: 1.09 (g/mL) G Lab File ID: F5226.RR

Level: (low/med) LOW Date Samp/Recv: 03/16/2007 03/17/2007

% Moisture: not dec. 49 Heated Purge: Y Date Analyzed: 03/22/2007

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	21	J
75-71-8	Dichlorodifluoromethane	90	U
75-69-4	Trichlorofluoromethane	90	U
79-20-9	Methyl acetate	90	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	90	U
110-82-7	Cyclohexane	90	U
108-87-2	Methylcyclohexane	90	U
106-93-4	1,2-Dibromoethane	90	U
98-82-8	Isopropylbenzene	90	U
541-73-1	1,3-Dichlorobenzene	90	U
106-46-7	1,4-Dichlorobenzene	90	U
95-50-1	1,2-Dichlorobenzene	90	U
96-12-8	1,2-Dibromo-3-chloropropane	90	U
120-82-1	1,2,4-Trichlorobenzene	90	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB1-1-16.0-20.0

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7249505

Sample wt/vol: 1.09 (g/mL) G Lab File ID: F5226.RR

Level: (low/med) LOW Date Samp/Recv: 03/16/2007 03/17/2007

% Moisture: not dec. 49.2 Date Analyzed: 03/22/2007

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 3 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 110-54-3	HEXANE	2.73	1000	JN
2.	UNKNOWN SILANE	3.13	79	BJ
3. 616-44-4	3-METHYL THIOPHENE	5.50	110	JN

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-13-16.1-20.1

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7249503

Sample wt/vol: 4.09 (g/mL) G Lab File ID: Q9246.RR

Level: (low/med) MED Date Samp/Recv: 03/15/2007 03/17/2007

% Moisture: not dec. 45 Heated Purge: N Date Analyzed: 03/20/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	2100	U
74-83-9	Bromomethane	2100	U
75-01-4	Vinyl chloride	700	J
75-00-3	Chloroethane	2100	U
75-09-2	Methylene chloride	2100	U
67-64-1	Acetone	1300	J
75-15-0	Carbon Disulfide	2100	U
75-35-4	1,1-Dichloroethene	2100	U
75-34-3	1,1-Dichloroethane	2100	U
67-66-3	Chloroform	2100	U
107-06-2	1,2-Dichloroethane	2100	U
78-93-3	2-Butanone	460	J
71-55-6	1,1,1-Trichloroethane	2100	U
56-23-5	Carbon Tetrachloride	2100	U
75-27-4	Bromodichloromethane	2100	U
78-87-5	1,2-Dichloropropane	2100	U
10061-01-5	cis-1,3-Dichloropropene	2100	U
79-01-6	Trichloroethene	2800	
124-48-1	Dibromochloromethane	2100	U
79-00-5	1,1,2-Trichloroethane	2100	U
71-43-2	Benzene	2100	U
10061-02-6	trans-1,3-Dichloropropene	2100	U
75-25-2	Bromoform	2100	U
108-10-1	4-Methyl-2-pentanone	2100	U
591-78-6	2-Hexanone	2100	U
127-18-4	Tetrachloroethene	4800	
108-88-3	Toluene	2100	U
79-34-5	1,1,2,2-Tetrachloroethane	2100	U
108-90-7	Chlorobenzene	2100	U
100-41-4	Ethylbenzene	2100	U
100-42-5	Styrene	2100	U
1330-20-7	Total Xylenes	2100	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2100	U
156-59-2	cis-1,2-Dichloroethene	10000	

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-13-16.1-20.1

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7249503

Sample wt/vol: 4.09 (g/mL) G Lab File ID: Q9246.RR

Level: (low/med) MED Date Samp/Recv: 03/15/2007 03/17/2007

% Moisture: not dec. 45 Heated Purge: N Date Analyzed: 03/20/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	2100	U
75-71-8	Dichlorodifluoromethane	2100	U
75-69-4	Trichlorofluoromethane	2100	U
79-20-9	Methyl acetate	2100	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	2100	U
110-82-7	Cyclohexane	2100	U
108-87-2	Methylcyclohexane	2100	U
106-93-4	1,2-Dibromoethane	2100	U
98-82-8	Isopropylbenzene	2100	U
541-73-1	1,3-Dichlorobenzene	2100	U
106-46-7	1,4-Dichlorobenzene	2100	U
95-50-1	1,2-Dichlorobenzene	2100	U
96-12-8	1,2-Dibromo-3-chloropropane	2100	U
120-82-1	1,2,4-Trichlorobenzene	2100	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB1-13-16.1-20.1

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7249503

Sample wt/vol: 4.09 (g/mL) G Lab File ID: Q9246.RR

Level: (low/med) MED Date Samp/Recv: 03/15/2007 03/17/2007

% Moisture: not dec. 45.0 Date Analyzed: 03/20/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-2-12.9-16.9

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7249506

Sample wt/vol: 5.08 (g/mL) G Lab File ID: F5230.RR

Level: (low/med) LOW Date Samp/Recv: 03/16/2007 03/17/2007

% Moisture: not dec. 45 Heated Purge: Y Date Analyzed: 03/22/2007

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	18	U
74-83-9	Bromomethane	18	U
75-01-4	Vinyl chloride	9	J
75-00-3	Chloroethane	18	U
75-09-2	Methylene chloride	42	B U
67-64-1	Acetone	41	B U
75-15-0	Carbon Disulfide	4	J
75-35-4	1,1-Dichloroethene	18	U
75-34-3	1,1-Dichloroethane	18	U
67-66-3	Chloroform	18	U
107-06-2	1,2-Dichloroethane	18	U
78-93-3	2-Butanone	11	J
71-55-6	1,1,1-Trichloroethane	18	U
56-23-5	Carbon Tetrachloride	18	U
75-27-4	Bromodichloromethane	18	U
78-87-5	1,2-Dichloropropane	18	U
10061-01-5	cis-1,3-Dichloropropene	18	U
79-01-6	Trichloroethene	4	J
124-48-1	Dibromochloromethane	18	U
79-00-5	1,1,2-Trichloroethane	18	U
71-43-2	Benzene	18	U
10061-02-6	trans-1,3-Dichloropropene	18	U
75-25-2	Bromoform	18	U
108-10-1	4-Methyl-2-pentanone	18	U
591-78-6	2-Hexanone	18	U
127-18-4	Tetrachloroethene	4	J
108-88-3	Toluene	18	U
79-34-5	1,1,2,2-Tetrachloroethane	18	U
108-90-7	Chlorobenzene	18	U
100-41-4	Ethylbenzene	18	U
100-42-5	Styrene	18	U
1330-20-7	Total Xylenes	18	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	18	U
156-59-2	cis-1,2-Dichloroethene	88	

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-2-12.9-16.9

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7249506

Sample wt/vol: 5.08 (g/mL) G Lab File ID: F5230.RR

Level: (low/med) LOW Date Samp/Recv: 03/16/2007 03/17/2007

% Moisture: not dec. 45 Heated Purge: Y Date Analyzed: 03/22/2007

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	14	J
75-71-8	Dichlorodifluoromethane	18	U
75-69-4	Trichlorofluoromethane	18	U
79-20-9	Methyl acetate	18	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	18	U
110-82-7	Cyclohexane	18	U
108-87-2	Methylcyclohexane	18	U
106-93-4	1,2-Dibromoethane	18	U
98-82-8	Isopropylbenzene	18	U
541-73-1	1,3-Dichlorobenzene	18	U
106-46-7	1,4-Dichlorobenzene	18	U
95-50-1	1,2-Dichlorobenzene	18	U
96-12-8	1,2-Dibromo-3-chloropropane	18	U
120-82-1	1,2,4-Trichlorobenzene	18	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB1-2-12.9-16.9

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7249506

Sample wt/vol: 5.08 (g/mL) G Lab File ID: F5230.RR

Level: (low/med) LOW Date Samp/Recv: 03/16/2007 03/17/2007

% Moisture: not dec. 45.3 Date Analyzed: 03/22/2007

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 2 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 110-54-3	HEXANE	2.72	120	JN
2.	UNKNOWN	3.13	11	BJ R

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-4-16.8-20.8

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7249507

Sample wt/vol: 5.15 (g/mL) G Lab File ID: F5235.RR

Level: (low/med) LOW Date Samp/Recv: 03/16/2007 03/17/2007

% Moisture: not dec. 62 Heated Purge: Y Date Analyzed: 03/22/2007

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	26	U
74-83-9	Bromomethane	26	U
75-01-4	Vinyl chloride	3	J
75-00-3	Chloroethane	26	U
75-09-2	Methylene chloride	59	B U
67-64-1	Acetone	47	B U
75-15-0	Carbon Disulfide	7	J
75-35-4	1,1-Dichloroethene	26	U
75-34-3	1,1-Dichloroethane	26	U
67-66-3	Chloroform	26	U
107-06-2	1,2-Dichloroethane	26	U
78-93-3	2-Butanone	13	J
71-55-6	1,1,1-Trichloroethane	26	U
56-23-5	Carbon Tetrachloride	26	U
75-27-4	Bromodichloromethane	26	U
78-87-5	1,2-Dichloropropane	26	U
10061-01-5	cis-1,3-Dichloropropene	26	U
79-01-6	Trichloroethene	270	
124-48-1	Dibromochloromethane	26	U
79-00-5	1,1,2-Trichloroethane	26	U
71-43-2	Benzene	26	U
10061-02-6	trans-1,3-Dichloropropene	26	U
75-25-2	Bromoform	26	U
108-10-1	4-Methyl-2-pentanone	26	U
591-78-6	2-Hexanone	26	U
127-18-4	Tetrachloroethene	100	
108-88-3	Toluene	26	U
79-34-5	1,1,2,2-Tetrachloroethane	26	U
108-90-7	Chlorobenzene	26	U
100-41-4	Ethylbenzene	26	U
100-42-5	Styrene	26	U
1330-20-7	Total Xylenes	26	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	26	U
156-59-2	cis-1,2-Dichloroethene	1100 570	E

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-4-16.8-20.8

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7249507

Sample wt/vol: 5.15 (g/mL) G Lab File ID: F5235.RR

Level: (low/med) LOW Date Samp/Recv: 03/16/2007 03/17/2007

% Moisture: not dec. 62 Heated Purge: Y Date Analyzed: 03/22/2007

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	27	
75-71-8	Dichlorodifluoromethane	26	U
75-69-4	Trichlorofluoromethane	26	U
79-20-9	Methyl acetate	26	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	26	U
110-82-7	Cyclohexane	26	U
108-87-2	Methylcyclohexane	26	U
106-93-4	1,2-Dibromoethane	26	U
98-82-8	Isopropylbenzene	26	U
541-73-1	1,3-Dichlorobenzene	26	U
106-46-7	1,4-Dichlorobenzene	26	U
95-50-1	1,2-Dichlorobenzene	26	U
96-12-8	1,2-Dibromo-3-chloropropane	26	U
120-82-1	1,2,4-Trichlorobenzene	26	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB1-4-16.8-20.8

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7249507

Sample wt/vol: 5.15 (g/mL) G Lab File ID: F5235.RR

Level: (low/med) LOW Date Samp/Recv: 03/16/2007 03/17/2007

% Moisture: not dec. 62.1 Date Analyzed: 03/22/2007

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 2 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 110-54-3	HEXANE	2.73	220	JN
2.	~~UNKNOWN SILANE~~	3.13	~~16~~	~~BJ~~ R

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-5-16.0-20.0

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: ____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7249508

Sample wt/vol: 5.06 (g/mL) G Lab File ID: F5231.RR

Level: (low/med) LOW Date Samp/Recv: 03/16/2007 03/17/2007

% Moisture: not dec. 57 Heated Purge: Y Date Analyzed: 03/22/2007

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	23	U
74-83-9	Bromomethane	23	U
75-01-4	Vinyl chloride	23	U
75-00-3	Chloroethane	23	U
75-09-2	Methylene chloride	28	B U
67-64-1	Acetone	140	B
75-15-0	Carbon Disulfide	5	J
75-35-4	1,1-Dichloroethene	23	U
75-34-3	1,1-Dichloroethane	23	U
67-66-3	Chloroform	23	U
107-06-2	1,2-Dichloroethane	23	U
78-93-3	2-Butanone	50	
71-55-6	1,1,1-Trichloroethane	23	U
56-23-5	Carbon Tetrachloride	23	U
75-27-4	Bromodichloromethane	23	U
78-87-5	1,2-Dichloropropane	23	U
10061-01-5	cis-1,3-Dichloropropene	23	U
79-01-6	Trichloroethene	35	
124-48-1	Dibromochloromethane	23	U
79-00-5	1,1,2-Trichloroethane	23	U
71-43-2	Benzene	23	U
10061-02-6	trans-1,3-Dichloropropene	23	U
75-25-2	Bromoform	23	U
108-10-1	4-Methyl-2-pentanone	23	U
591-78-6	2-Hexanone	23	U
127-18-4	Tetrachloroethene	7	J
108-88-3	Toluene	23	U
79-34-5	1,1,2,2-Tetrachloroethane	23	U
108-90-7	Chlorobenzene	23	U
100-41-4	Ethylbenzene	23	U
100-42-5	Styrene	23	U
1330-20-7	Total Xylenes	23	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	23	U
156-59-2	cis-1,2-Dichloroethene	200	

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-5-16.0-20.0

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7249508

Sample wt/vol: 5.06 (g/mL) G Lab File ID: F5231.RR

Level: (low/med) LOW Date Samp/Recv: 03/16/2007 03/17/2007

% Moisture: not dec. 57 Heated Purge: Y Date Analyzed: 03/22/2007

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	27	
75-71-8	Dichlorodifluoromethane	23	U
75-69-4	Trichlorofluoromethane	23	U
79-20-9	Methyl acetate	23	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	23	U
110-82-7	Cyclohexane	23	U
108-87-2	Methylcyclohexane	23	U
106-93-4	1,2-Dibromoethane	23	U
98-82-8	Isopropylbenzene	23	U
541-73-1	1,3-Dichlorobenzene	23	U
106-46-7	1,4-Dichlorobenzene	23	U
95-50-1	1,2-Dichlorobenzene	23	U
96-12-8	1,2-Dibromo-3-chloropropane	23	U
120-82-1	1,2,4-Trichlorobenzene	23	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB1-5-16.0-20.0

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7249508

Sample wt/vol: 5.06 (g/mL) G Lab File ID: F5231.RR

Level: (low/med) LOW Date Samp/Recv: 03/16/2007 03/17/2007

% Moisture: not dec. 57.4 Date Analyzed: 03/22/2007

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 110-54-3	HEXANE	2.72	87	JN

ALPHA
GEOSCIENCE
Geology
Hydrology
Remediation
Water Supply

Data Usability Summary Report for
STL Buffalo, Job No. A07-2280

3 Soil Samples
Collected March 9, 2007

Prepared by: Donald Anné
October 2, 2007

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contains the results for 3 soil samples analyzed for volatiles.

The overall performances of the analyses are acceptable. STL Buffalo did fulfill the requirements of the analytical method.

The data are acceptable with some minor issues that are identified in the accompanying data validation review. The following data were flagged:

- Positive volatile results for methylene chloride were flagged as "not detected" (U) in all three undiluted soil samples because the levels reported in the samples were not significantly greater (more than 10 times) than the associated method blank level.

- Volatile results for 4 compounds in all three undiluted soil samples were quantitated using data that were extrapolated beyond the highest calibration standard and flagged "E" by the laboratory. The results for these compounds were qualified as estimated (J) in the undiluted samples. It is recommended that the diluted results be used for those compounds.

- Positive volatile results for 7 compounds were flagged as "estimated" (J) in sampleVB3-22-16-20 because the 1 of 3 surrogate recoveries for the sample was above control limits.

All data are considered usable, with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation review.

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ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Volatiles Data
for STL Buffalo, Job No. A07-2280

3 Soil Samples
Collected March 9, 2007

Prepared by: Donald Anné
October 2, 2007

Holding Times: Samples were analyzed within NYSDEC ASP holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The compounds with ASP criteria for RRFs and %RSDs met those requirements.

The average RRFs for target compounds were above the allowable minimum (0.050), as required.

The %RSD for methylene chloride (31.2%) was above the allowable maximum (30%) for HP5973F on 03-06-07. Positive results for methylene chloride should be considered estimates (J) in associated samples.

Continuing Calibration: The compounds with ASP criteria for RRF50s and %Ds met those requirements.

The RRF50s for target compounds were above the allowable minimum (0.050), as required.

The %Ds for chloromethane (27.7%) and chloroethane (34.9%) were above the allowable maximum (25%) on 03-14-07 (Q9163.RR). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: Method blank VBLK80 contained traces of acetone (2 ug/kg) and methylene chloride (4 ug/kg). Volatile holding blank VHB contained a trace of tetrachloroethene (7 ug/L). Results for acetone and methylene chloride that are less than ten times the method blank level should be reported as not detected (U) in associated samples. Results for tetrachloroethene that are less than five times the holding blank level should be reported as not detected (U) in associated samples.

679 Plank Road ▪ Clifton Park, New York 12065 ▪ (518) 348-6995 ▪ FAX (518) 348-6966
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Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Surrogate Recovery: One of three surrogate recoveries for sample VB3-22-16-20 was above control limits. Positive results for sample VB3-22-16-20 should be considered estimated (J).

Matrix Spike/Matrix Spike Duplicate: MS/MSD data were not provided in this data pack. No action is taken on MS/MSD data alone to qualify or reject an entire set of samples.

Matrix Spike Blank: The percent recoveries were within QC limits for samples VBLK80, VBLK61, and VBLK62.

Compound ID: Checked compounds were within GC quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

The results for 4 volatile compounds in samples VB3-20-16.9-20.9, VB3-21-16.9-20.9, and VB3-22-16-20 were quantitated by extrapolating data above the highest calibration standard and marked 'E' by the laboratory. The samples were diluted by the laboratory and re-analyzed; therefore, the results for these compounds that are flagged as 'E' in the undiluted samples should be considered estimated (J) and the use of the diluted results for these compounds is recommended. It is recommended that the undiluted results be used for all other compounds.

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A7228003	VB3-20-16.9-20.9	SOIL	03/09/2007	17:30	03/13/2007	08:45
A7228002	VB3-21-16.9-20.9	SOIL	03/09/2007	16:30	03/13/2007	08:45
A7228001	VB3-22-16-20	SOIL	03/09/2007	16:00	03/13/2007	08:45

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-20-16.9-20.9

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7228003

Sample wt/vol: 1.18 (g/mL) G Lab File ID: F5174.RR

Level: (low/med) LOW Date Samp/Recv: 03/09/2007 03/13/2007

% Moisture: not dec. 49 Heated Purge: Y Date Analyzed: 03/13/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	83	U
74-83-9	Bromomethane	83	U
75-01-4	Vinyl chloride	83	U
75-00-3	Chloroethane	83	U
75-09-2	Methylene chloride	33	BJ U
67-64-1	Acetone	2100	BE J
75-15-0	Carbon Disulfide	83	U
75-35-4	1,1-Dichloroethene	41	J
75-34-3	1,1-Dichloroethane	83	U
67-66-3	Chloroform	83	U
107-06-2	1,2-Dichloroethane	83	U
78-93-3	2-Butanone	850	
71-55-6	1,1,1-Trichloroethane	83	U
56-23-5	Carbon Tetrachloride	83	U
75-27-4	Bromodichloromethane	83	U
78-87-5	1,2-Dichloropropane	83	U
10061-01-5	cis-1,3-Dichloropropene	83	U
79-01-6	Trichloroethene	29000	E J
124-48-1	Dibromochloromethane	83	U
79-00-5	1,1,2-Trichloroethane	83	U
71-43-2	Benzene	83	U
10061-02-6	trans-1,3-Dichloropropene	83	U
75-25-2	Bromoform	83	U
108-10-1	4-Methyl-2-pentanone	83	U
591-78-6	2-Hexanone	83	U
127-18-4	Tetrachloroethene	93000	E J
108-88-3	Toluene	27	J
79-34-5	1,1,2,2-Tetrachloroethane	83	U
108-90-7	Chlorobenzene	83	U
100-41-4	Ethylbenzene	40	J
100-42-5	Styrene	83	U
1330-20-7	Total Xylenes	170	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	83	U
156-59-2	cis-1,2-Dichloroethene	10000	E J

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-20-16.9-20.9

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7228003

Sample wt/vol: 1.18 (g/mL) G Lab File ID: F5174.RR

Level: (low/med) LOW Date Samp/Recv: 03/09/2007 03/13/2007

% Moisture: not dec. 49 Heated Purge: Y Date Analyzed: 03/13/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	170	
75-71-8	Dichlorodifluoromethane	83	U
75-69-4	Trichlorofluoromethane	83	U
79-20-9	Methyl acetate	83	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	83	U
110-82-7	Cyclohexane	83	U
108-87-2	Methylcyclohexane	83	U
106-93-4	1,2-Dibromoethane	83	U
98-82-8	Isopropylbenzene	83	U
541-73-1	1,3-Dichlorobenzene	83	U
106-46-7	1,4-Dichlorobenzene	83	U
95-50-1	1,2-Dichlorobenzene	83	U
96-12-8	1,2-Dibromo-3-chloropropane	83	U
120-82-1	1,2,4-Trichlorobenzene	83	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB3-20-16.9-20.9

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7228003

Sample wt/vol: 1.18 (g/mL) G Lab File ID: F5174.RR

Level: (low/med) LOW Date Samp/Recv: 03/09/2007 03/13/2007

% Moisture: not dec. 49.1 Date Analyzed: 03/13/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 9 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	1.46	110	J
2.	UNKNOWN	1.91	80	J
3. 110-00-9	FURAN	2.01	210	JN
4.	UNKNOWN	2.22	160	J
5.	UNKNOWN	2.75	81	J
6. 534-22-5	2-METHYLFURAN	3.02	160	JN
7. 110-02-1	THIOPHENE	4.01	140	JN
8.	UNKNOWN	4.47	83	J
9. 554-14-3	2-METHYL THIOPHENE	5.52	240	JN

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-20-16.9-20.9 DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7228003DL

Sample wt/vol: 4.16 (g/mL) G Lab File ID: Q9151.RR

Level: (low/med) MED Date Samp/Recv: 03/09/2007 03/13/2007

% Moisture: not dec. 49 Heated Purge: N Date Analyzed: 03/14/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 10.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	23000	U
74-83-9	Bromomethane	23000	U
75-01-4	Vinyl chloride	23000	U
75-00-3	Chloroethane	23000	U
75-09-2	Methylene chloride	23000	U
67-64-1	Acetone	5000	DJ
75-15-0	Carbon Disulfide	23000	U
75-35-4	1,1-Dichloroethene	23000	U
75-34-3	1,1-Dichloroethane	23000	U
67-66-3	Chloroform	23000	U
107-06-2	1,2-Dichloroethane	23000	U
78-93-3	2-Butanone	23000	U
71-55-6	1,1,1-Trichloroethane	23000	U
56-23-5	Carbon Tetrachloride	23000	U
75-27-4	Bromodichloromethane	23000	U
78-87-5	1,2-Dichloropropane	23000	U
10061-01-5	cis-1,3-Dichloropropene	23000	U
79-01-6	Trichloroethene	56000	D
124-48-1	Dibromochloromethane	23000	U
79-00-5	1,1,2-Trichloroethane	23000	U
71-43-2	Benzene	23000	U
10061-02-6	trans-1,3-Dichloropropene	23000	U
75-25-2	Bromoform	23000	U
108-10-1	4-Methyl-2-pentanone	23000	U
591-78-6	2-Hexanone	23000	U
127-18-4	Tetrachloroethene	460000	D
108-88-3	Toluene	23000	U
79-34-5	1,1,2,2-Tetrachloroethane	23000	U
108-90-7	Chlorobenzene	23000	U
100-41-4	Ethylbenzene	23000	U
100-42-5	Styrene	23000	U
1330-20-7	Total Xylenes	23000	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	23000	U
156-59-2	cis-1,2-Dichloroethene	9500	DJ

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-20-16.9-20.9 DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7228003DL

Sample wt/vol: 4.16 (g/mL) G Lab File ID: Q9151.RR

Level: (low/med) MED Date Samp/Recv: 03/09/2007 03/13/2007

% Moisture: not dec. 49 Heated Purge: N Date Analyzed: 03/14/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 10.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	23000	U
75-71-8	Dichlorodifluoromethane	23000	U
75-69-4	Trichlorofluoromethane	23000	U
79-20-9	Methyl acetate	23000	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	23000	U
110-82-7	Cyclohexane	23000	U
108-87-2	Methylcyclohexane	23000	U
106-93-4	1,2-Dibromoethane	23000	U
98-82-8	Isopropylbenzene	23000	U
541-73-1	1,3-Dichlorobenzene	23000	U
106-46-7	1,4-Dichlorobenzene	23000	U
95-50-1	1,2-Dichlorobenzene	23000	U
96-12-8	1,2-Dibromo-3-chloropropane	23000	U
120-82-1	1,2,4-Trichlorobenzene	23000	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB3-20-16.9-20.9 DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7228003DL

Sample wt/vol: 4.16 (g/mL) G Lab File ID: Q9151.RR

Level: (low/med) MED Date Samp/Recv: 03/09/2007 03/13/2007

% Moisture: not dec. 49.1 Date Analyzed: 03/14/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 10.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-21-16.9-20.9

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7228002

Sample wt/vol: 1.06 (g/mL) G Lab File ID: F5173.RR

Level: (low/med) LOW Date Samp/Recv: 03/09/2007 03/13/2007

% Moisture: not dec. 44 Heated Purge: Y Date Analyzed: 03/13/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	84	U
74-83-9	Bromomethane	84	U
75-01-4	Vinyl chloride	84	U
75-00-3	Chloroethane	84	U
75-09-2	Methylene chloride	36	BJ U
67-64-1	Acetone	3400	BE J
75-15-0	Carbon Disulfide	84	U
75-35-4	1,1-Dichloroethene	84	U
75-34-3	1,1-Dichloroethane	84	U
67-66-3	Chloroform	84	U
107-06-2	1,2-Dichloroethane	84	U
78-93-3	2-Butanone	1700	E J
71-55-6	1,1,1-Trichloroethane	84	U
56-23-5	Carbon Tetrachloride	84	U
75-27-4	Bromodichloromethane	84	U
78-87-5	1,2-Dichloropropane	84	U
10061-01-5	cis-1,3-Dichloropropene	84	U
79-01-6	Trichloroethene	3100	E J
124-48-1	Dibromochloromethane	84	U
79-00-5	1,1,2-Trichloroethane	84	U
71-43-2	Benzene	84	U
10061-02-6	trans-1,3-Dichloropropene	84	U
75-25-2	Bromoform	84	U
108-10-1	4-Methyl-2-pentanone	84	U
591-78-6	2-Hexanone	18	J
127-18-4	Tetrachloroethene	36000	E J
108-88-3	Toluene	32	J
79-34-5	1,1,2,2-Tetrachloroethane	84	U
108-90-7	Chlorobenzene	84	U
100-41-4	Ethylbenzene	9	J
100-42-5	Styrene	84	U
1330-20-7	Total Xylenes	99	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	84	U
156-59-2	cis-1,2-Dichloroethene	200	

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-21-16.9-20.9

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7228002

Sample wt/vol: 1.06 (g/mL) G Lab File ID: F5173.RR

Level: (low/med) LOW Date Samp/Recv: 03/09/2007 03/13/2007

% Moisture: not dec. 44 Heated Purge: Y Date Analyzed: 03/13/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	84	U
75-71-8	Dichlorodifluoromethane	84	U
75-69-4	Trichlorofluoromethane	84	U
79-20-9	Methyl acetate	84	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	84	U
110-82-7	Cyclohexane	84	U
108-87-2	Methylcyclohexane	84	U
106-93-4	1,2-Dibromoethane	84	U
98-82-8	Isopropylbenzene	84	U
541-73-1	1,3-Dichlorobenzene	84	U
106-46-7	1,4-Dichlorobenzene	84	U
95-50-1	1,2-Dichlorobenzene	84	U
96-12-8	1,2-Dibromo-3-chloropropane	84	U
120-82-1	1,2,4-Trichlorobenzene	84	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB3-21-16.9-20.9

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7228002

Sample wt/vol: 1.06 (g/mL) G Lab File ID: F5173.RR

Level: (low/med) LOW Date Samp/Recv: 03/09/2007 03/13/2007

% Moisture: not dec. 44.1 Date Analyzed: 03/13/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 10 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.		UNKNOWN	1.46	150	J
2.	110-00-9	FURAN	2.01	130	JN
3.		UNKNOWN	2.70	85	J
4.		UNKNOWN	2.75	81	J
5.	534-22-5	2-METHYLFURAN	3.02	93	JN
6.		UNKNOWN	3.95	83	J
7.	110-02-1	THIOPHENE	4.01	110	JN
8.		UNKNOWN	4.06	85	J
9.		UNKNOWN	4.47	56	J
10.	554-14-3	2-METHYL THIOPHENE	5.52	140	JN

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-21-16.9-20.9 DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7228002DL

Sample wt/vol: 4.19 (g/mL) G Lab File ID: Q9150.RR

Level: (low/med) MED Date Samp/Recv: 03/09/2007 03/13/2007

% Moisture: not dec. 44 Heated Purge: N Date Analyzed: 03/14/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 5.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	10000	U
74-83-9	Bromomethane	10000	U
75-01-4	Vinyl chloride	10000	U
75-00-3	Chloroethane	10000	U
75-09-2	Methylene chloride	10000	U
67-64-1	Acetone	7400	DJ
75-15-0	Carbon Disulfide	10000	U
75-35-4	1,1-Dichloroethene	10000	U
75-34-3	1,1-Dichloroethane	10000	U
67-66-3	Chloroform	10000	U
107-06-2	1,2-Dichloroethane	10000	U
78-93-3	2-Butanone	2600	DJ
71-55-6	1,1,1-Trichloroethane	10000	U
56-23-5	Carbon Tetrachloride	10000	U
75-27-4	Bromodichloromethane	10000	U
78-87-5	1,2-Dichloropropane	10000	U
10061-01-5	cis-1,3-Dichloropropene	10000	U
79-01-6	Trichloroethene	5600	DJ
124-48-1	Dibromochloromethane	10000	U
79-00-5	1,1,2-Trichloroethane	10000	U
71-43-2	Benzene	10000	U
10061-02-6	trans-1,3-Dichloropropene	10000	U
75-25-2	Bromoform	10000	U
108-10-1	4-Methyl-2-pentanone	10000	U
591-78-6	2-Hexanone	10000	U
127-18-4	Tetrachloroethene	180000	D
108-88-3	Toluene	10000	U
79-34-5	1,1,2,2-Tetrachloroethane	10000	U
108-90-7	Chlorobenzene	10000	U
100-41-4	Ethylbenzene	10000	U
100-42-5	Styrene	10000	U
1330-20-7	Total Xylenes	10000	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10000	U
156-59-2	cis-1,2-Dichloroethene	10000	U

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-21-16.9-20.9 DL

Lab Name: SIL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7228002DL

Sample wt/vol: 4.19 (g/mL) G Lab File ID: Q9150.RR

Level: (low/med) MED Date Samp/Recv: 03/09/2007 03/13/2007

% Moisture: not dec. 44 Heated Purge: N Date Analyzed: 03/14/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 5.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	10000	U
75-71-8	Dichlorodifluoromethane	10000	U
75-69-4	Trichlorofluoromethane	10000	U
79-20-9	Methyl acetate	10000	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	10000	U
110-82-7	Cyclohexane	10000	U
108-87-2	Methylcyclohexane	10000	U
106-93-4	1,2-Dibromoethane	10000	U
98-82-8	Isopropylbenzene	10000	U
541-73-1	1,3-Dichlorobenzene	10000	U
106-46-7	1,4-Dichlorobenzene	10000	U
95-50-1	1,2-Dichlorobenzene	10000	U
96-12-8	1,2-Dibromo-3-chloropropane	10000	U
120-82-1	1,2,4-Trichlorobenzene	10000	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB3-21-16.9-20.9 DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7228002DL

Sample wt/vol: 4.19 (g/mL) G Lab File ID: Q9150.RR

Level: (low/med) MED Date Samp/Recv: 03/09/2007 03/13/2007

% Moisture: not dec. 44.1 Date Analyzed: 03/14/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 5.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-22-16-20

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7228001

Sample wt/vol: 1.15 (g/mL) G Lab File ID: F5172.RR

Level: (low/med) LOW Date Samp/Recv: 03/09/2007 03/13/2007

% Moisture: not dec. 43 Heated Purge: Y Date Analyzed: 03/13/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	76	U
74-83-9	Bromomethane	76	U
75-01-4	Vinyl chloride	76	U
75-00-3	Chloroethane	76	U
75-09-2	Methylene chloride	30	BJ UJ
67-64-1	Acetone	1600	BE J
75-15-0	Carbon Disulfide	76	U
75-35-4	1,1-Dichloroethene	29	J J
75-34-3	1,1-Dichloroethane	76	U
67-66-3	Chloroform	76	U
107-06-2	1,2-Dichloroethane	76	U
78-93-3	2-Butanone	880	J
71-55-6	1,1,1-Trichloroethane	76	U
56-23-5	Carbon Tetrachloride	76	U
75-27-4	Bromodichloromethane	76	U
78-87-5	1,2-Dichloropropane	76	U
10061-01-5	cis-1,3-Dichloropropene	76	U
79-01-6	Trichloroethene	23000	E J
124-48-1	Dibromochloromethane	76	U
79-00-5	1,1,2-Trichloroethane	76	U
71-43-2	Benzene	14	J J
10061-02-6	trans-1,3-Dichloropropene	76	U
75-25-2	Bromoform	76	U
108-10-1	4-Methyl-2-pentanone	76	U
591-78-6	2-Hexanone	76	U
127-18-4	Tetrachloroethene	140000	E J
108-88-3	Toluene	74	J J
79-34-5	1,1,2,2-Tetrachloroethane	76	U
108-90-7	Chlorobenzene	76	U
100-41-4	Ethylbenzene	71	J J
100-42-5	Styrene	76	U
1330-20-7	Total Xylenes	340	J
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	76	U
156-59-2	cis-1,2-Dichloroethene	6700	E J

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-22-16-20

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7228001

Sample wt/vol: 1.15 (g/mL) G Lab File ID: F5172.RR

Level: (low/med) LOW Date Samp/Recv: 03/09/2007 03/13/2007

% Moisture: not dec. 43 Heated Purge: Y Date Analyzed: 03/13/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	100	J
75-71-8	Dichlorodifluoromethane	76	U
75-69-4	Trichlorofluoromethane	76	U
79-20-9	Methyl acetate	76	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	76	U
110-82-7	Cyclohexane	76	U
108-87-2	Methylcyclohexane	76	U
106-93-4	1,2-Dibromoethane	76	U
98-82-8	Isopropylbenzene	76	U
541-73-1	1,3-Dichlorobenzene	76	U
106-46-7	1,4-Dichlorobenzene	76	U
95-50-1	1,2-Dichlorobenzene	76	U
96-12-8	1,2-Dibromo-3-chloropropane	76	U
120-82-1	1,2,4-Trichlorobenzene	76	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB3-22-16-20

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7228001

Sample wt/vol: 1.15 (g/mL) G Lab File ID: F5172.RR

Level: (low/med) LOW Date Samp/Recv: 03/09/2007 03/13/2007

% Moisture: not dec. 43.0 Date Analyzed: 03/13/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 9 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.		UNKNOWN	1.46	88	J
2.	110-00-9	FURAN	2.00	180	JN
3.		UNKNOWN	2.70	42	J
4.	110-54-3	HEXANE	2.75	66	JN
5.	534-22-5	2-METHYLFURAN	3.01	140	JN
6.	110-02-1	THIOPHENE	4.01	130	JN
7.		UNKNOWN	4.47	77	J
8.	554-14-3	2-METHYL THIOPHENE	5.52	230	JN
9.		UNKNOWN	8.89	40	J

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-22-16-20 DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7228001DL

Sample wt/vol: 4.25 (g/mL) G Lab File ID: Q9170.RR

Level: (low/med) MED Date Samp/Recv: 03/09/2007 03/13/2007

% Moisture: not dec. 43 Heated Purge: N Date Analyzed: 03/14/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 50.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	99000	U
74-83-9	Bromomethane	99000	U
75-01-4	Vinyl chloride	99000	U
75-00-3	Chloroethane	99000	U
75-09-2	Methylene chloride	99000	U
67-64-1	Acetone	99000	U
75-15-0	Carbon Disulfide	99000	U
75-35-4	1,1-Dichloroethene	99000	U
75-34-3	1,1-Dichloroethane	99000	U
67-66-3	Chloroform	99000	U
107-06-2	1,2-Dichloroethane	99000	U
78-93-3	2-Butanone	99000	U
71-55-6	1,1,1-Trichloroethane	99000	U
56-23-5	Carbon Tetrachloride	99000	U
75-27-4	Bromodichloromethane	99000	U
78-87-5	1,2-Dichloropropane	99000	U
10061-01-5	cis-1,3-Dichloropropene	99000	U
79-01-6	Trichloroethene	50000	DJ
124-48-1	Dibromochloromethane	99000	U
79-00-5	1,1,2-Trichloroethane	99000	U
71-43-2	Benzene	99000	U
10061-02-6	trans-1,3-Dichloropropene	99000	U
75-25-2	Bromoform	99000	U
108-10-1	4-Methyl-2-pentanone	99000	U
591-78-6	2-Hexanone	99000	U
127-18-4	Tetrachloroethene	1100000	D
108-88-3	Toluene	99000	U
79-34-5	1,1,2,2-Tetrachloroethane	99000	U
108-90-7	Chlorobenzene	99000	U
100-41-4	Ethylbenzene	99000	U
100-42-5	Styrene	99000	U
1330-20-7	Total Xylenes	99000	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	99000	U
156-59-2	cis-1,2-Dichloroethene	99000	U

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-22-16-20 DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7228001DL

Sample wt/vol: 4.25 (g/mL) G Lab File ID: Q9170.RR

Level: (low/med) MED Date Samp/Recv: 03/09/2007 03/13/2007

% Moisture: not dec. 43 Heated Purge: N Date Analyzed: 03/14/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 50.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	99000	U
75-71-8	Dichlorodifluoromethane	99000	U
75-69-4	Trichlorofluoromethane	99000	U
79-20-9	Methyl acetate	99000	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	99000	U
110-82-7	Cyclohexane	99000	U
108-87-2	Methylcyclohexane	99000	U
106-93-4	1,2-Dibromoethane	99000	U
98-82-8	Isopropylbenzene	99000	U
541-73-1	1,3-Dichlorobenzene	99000	U
106-46-7	1,4-Dichlorobenzene	99000	U
95-50-1	1,2-Dichlorobenzene	99000	U
96-12-8	1,2-Dibromo-3-chloropropane	99000	U
120-82-1	1,2,4-Trichlorobenzene	99000	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB3-22-16-20 DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7228001DL

Sample wt/vol: 4.25 (g/mL) G Lab File ID: Q9170.RR

Level: (low/med) MED Date Samp/Recv: 03/09/2007 03/13/2007

% Moisture: not dec. 43.0 Date Analyzed: 03/14/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 50.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

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Remediation
Water Supply

Data Usability Summary Report for
STL Buffalo, Job No. A07-2449

3 Soil Samples and 1 MS/MSD
Collected March 15, 2007

Prepared by: Donald Anné
October 2, 2007

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contains the results for 3 soil samples and 1 MS/MSD analyzed for volatiles.

The overall performances of the analyses are acceptable. STL Buffalo did fulfill the requirements of the analytical method.

The data are acceptable with some minor issues that do not affect data quality, but are identified in the accompanying data validation review. There were no data flagged and all data are considered usable. Detailed information on data quality is included in the data validation review.

Z:\projects\2007\07600 - 07620\07618-middler ave\a07-2449.dus.wpd

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ALPHA
GEOSCIENCE
Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Volatiles Data
for STL Buffalo, Job No. A07-2449

3 Soil Samples and 1 MS/MSD
Collected March 15, 2007

Prepared by: Donald Anné
October 2, 2007

Holding Times: Samples were analyzed within NYSDEC ASP holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The compounds with ASP criteria for RRFs and %RSDs met those requirements.

The average RRFs for target compounds were above the allowable minimum (0.050) and the %RSDs were below the allowable maximum (25%), as required.

Continuing Calibration: The compounds with ASP criteria for %Ds met those requirements. The RRF50 for trichloroethene (0.2965) was below the ASP minimum (0.3000) on 03-16-07 (Q9189.RR). No action is taken on two or fewer compounds per calibration outside ASP requirements, provided %Ds are not greater than 40% and RRF50s are not less than 0.010.

The RRF50s for target compounds were above the allowable minimum (0.050), as required.

The %Ds for chloroethane (30.7%) was above the allowable maximum (25%) on 03-16-07 (Q9189.RR). Positive results for chloroethane should be considered estimated (J) in associated samples.

Blanks: The analyses of method and methanol blanks reported target compounds as not detected. The volatile holding blank contained a trace of methylene chloride (1 ug/L). Results for methylene chloride that are less than ten times the holding blank level should be reported as not detected (U) in associated samples.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

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Surrogate Recovery: The surrogate recoveries were within control limits for the soil samples.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences were below the allowable maximums and the percent recoveries were within control limits for MS/MSD sample B3-12-14.8-18.8.

Matrix Spike Blank: The percent recoveries were within QC limits for sample VBLK64.

Compound ID: Checked compounds were within GC quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A7244902	B3-11-10.5-14.5	SOIL	03/15/2007	12:15	03/16/2007	09:15
A7244903	B3-12-14.8-18.8	SOIL	03/15/2007	16:15	03/16/2007	09:15
A7244903MS	B3-12-14.8-18.8	SOIL	03/15/2007	16:15	03/16/2007	09:15
A7244903SD	B3-12-14.8-18.8	SOIL	03/15/2007	16:15	03/16/2007	09:15
A7244901	B3-14-15.1-19.1	SOIL	03/15/2007	11:00	03/16/2007	09:15

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

B3-11-10.5-14.5

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7244902

Sample wt/vol: 4.00 (g/mL) G Lab File ID: Q9194.RR

Level: (low/med) MED Date Samp/Recv: 03/15/2007 03/16/2007

% Moisture: not dec. 55 Heated Purge: N Date Analyzed: 03/16/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	2700	U
74-83-9	Bromomethane	2700	U
75-01-4	Vinyl chloride	2700	U
75-00-3	Chloroethane	2700	U
75-09-2	Methylene chloride	2700	U
67-64-1	Acetone	5400	
75-15-0	Carbon Disulfide	2700	U
75-35-4	1,1-Dichloroethene	2700	U
75-34-3	1,1-Dichloroethane	2700	U
67-66-3	Chloroform	2700	U
107-06-2	1,2-Dichloroethane	2700	U
78-93-3	2-Butanone	1800	J
71-55-6	1,1,1-Trichloroethane	2700	U
56-23-5	Carbon Tetrachloride	2700	U
75-27-4	Bromodichloromethane	2700	U
78-87-5	1,2-Dichloropropane	2700	U
10061-01-5	cis-1,3-Dichloropropene	2700	U
79-01-6	Trichloroethene	3400	
124-48-1	Dibromochloromethane	2700	U
79-00-5	1,1,2-Trichloroethane	2700	U
71-43-2	Benzene	2700	U
10061-02-6	trans-1,3-Dichloropropene	2700	U
75-25-2	Bromoform	2700	U
108-10-1	4-Methyl-2-pentanone	2700	U
591-78-6	2-Hexanone	2700	U
127-18-4	Tetrachloroethene	4700	
108-88-3	Toluene	2700	U
79-34-5	1,1,2,2-Tetrachloroethane	2700	U
108-90-7	Chlorobenzene	2700	U
100-41-4	Ethylbenzene	2700	U
100-42-5	Styrene	2700	U
1330-20-7	Total Xylenes	2700	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2700	U
156-59-2	cis-1,2-Dichloroethene	6800	

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

B3-11-10.5-14.5

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7244902

Sample wt/vol: 4.00 (g/mL) G Lab File ID: Q9194.RR

Level: (low/med) MED Date Samp/Recv: 03/15/2007 03/16/2007

% Moisture: not dec. 55 Heated Purge: N Date Analyzed: 03/16/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	2700	U
75-71-8	Dichlorodifluoromethane	2700	U
75-69-4	Trichlorofluoromethane	2700	U
79-20-9	Methyl acetate	2700	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	2700	U
110-82-7	Cyclohexane	2700	U
108-87-2	Methylcyclohexane	2700	U
106-93-4	1,2-Dibromoethane	2700	U
98-82-8	Isopropylbenzene	2700	U
541-73-1	1,3-Dichlorobenzene	2700	U
106-46-7	1,4-Dichlorobenzene	2700	U
95-50-1	1,2-Dichlorobenzene	2700	U
96-12-8	1,2-Dibromo-3-chloropropane	2700	U
120-82-1	1,2,4-Trichlorobenzene	2700	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

B3-11-10.5-14.5

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7244902

Sample wt/vol: 4.00 (g/mL) G Lab File ID: Q9194.RR

Level: (low/med) MED Date Samp/Recv: 03/15/2007 03/16/2007

% Moisture: not dec. 55.4 Date Analyzed: 03/16/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

B3-12-14.8-18.8

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7244903

Sample wt/vol: 4.17 (g/mL) G Lab File ID: Q9195.RR

Level: (low/med) MED Date Samp/Recv: 03/15/2007 03/16/2007

% Moisture: not dec. 42 Heated Purge: N Date Analyzed: 03/16/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	2000	U
74-83-9	Bromomethane	2000	U
75-01-4	Vinyl chloride	2000	U
75-00-3	Chloroethane	2000	U
75-09-2	Methylene chloride	2000	U
67-64-1	Acetone	1100	J
75-15-0	Carbon Disulfide	2000	U
75-35-4	1,1-Dichloroethene	2000	U
75-34-3	1,1-Dichloroethane	2000	U
67-66-3	Chloroform	2000	U
107-06-2	1,2-Dichloroethane	2000	U
78-93-3	2-Butanone	590	J
71-55-6	1,1,1-Trichloroethane	2000	U
56-23-5	Carbon Tetrachloride	2000	U
75-27-4	Bromodichloromethane	2000	U
78-87-5	1,2-Dichloropropane	2000	U
10061-01-5	cis-1,3-Dichloropropene	2000	U
79-01-6	Trichloroethene	5200	
124-48-1	Dibromochloromethane	2000	U
79-00-5	1,1,2-Trichloroethane	2000	U
71-43-2	Benzene	2000	U
10061-02-6	trans-1,3-Dichloropropene	2000	U
75-25-2	Bromoform	2000	U
108-10-1	4-Methyl-2-pentanone	2000	U
591-78-6	2-Hexanone	2000	U
127-18-4	Tetrachloroethene	10000	
108-88-3	Toluene	2000	U
79-34-5	1,1,2,2-Tetrachloroethane	2000	U
108-90-7	Chlorobenzene	2000	U
100-41-4	Ethylbenzene	2000	U
100-42-5	Styrene	2000	U
1330-20-7	Total Xylenes	2000	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2000	U
156-59-2	cis-1,2-Dichloroethene	4600	

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

B3-12-14.8-18.8

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7244903

Sample wt/vol: 4.17 (g/mL) G Lab File ID: Q9195.RR

Level: (low/med) MED Date Samp/Recv: 03/15/2007 03/16/2007

% Moisture: not dec. 42 Heated Purge: N Date Analyzed: 03/16/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	2000	U
75-71-8	Dichlorodifluoromethane	2000	U
75-69-4	Trichlorofluoromethane	2000	U
79-20-9	Methyl acetate	2000	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	2000	U
110-82-7	Cyclohexane	2000	U
108-87-2	Methylcyclohexane	2000	U
106-93-4	1,2-Dibromoethane	2000	U
98-82-8	Isopropylbenzene	2000	U
541-73-1	1,3-Dichlorobenzene	2000	U
106-46-7	1,4-Dichlorobenzene	2000	U
95-50-1	1,2-Dichlorobenzene	2000	U
96-12-8	1,2-Dibromo-3-chloropropane	2000	U
120-82-1	1,2,4-Trichlorobenzene	2000	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

B3-12-14.8-18.8

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7244903

Sample wt/vol: 4.17 (g/mL) G Lab File ID: Q9195.RR

Level: (low/med) MED Date Samp/Recv: 03/15/2007 03/16/2007

% Moisture: not dec. 41.7 Date Analyzed: 03/16/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	1.92	1200	J

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

B3-14-15.1-19.1

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7244901

Sample wt/vol: 4.09 (g/mL) G Lab File ID: Q9193.RR

Level: (low/med) MED Date Samp/Recv: 03/15/2007 03/16/2007

% Moisture: not dec. 54 Heated Purge: N Date Analyzed: 03/16/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	2500	U
74-83-9	Bromomethane	2500	U
75-01-4	Vinyl chloride	2500	U
75-00-3	Chloroethane	2500	U
75-09-2	Methylene chloride	2500	U
67-64-1	Acetone	5300	
75-15-0	Carbon Disulfide	2500	U
75-35-4	1,1-Dichloroethene	2500	U
75-34-3	1,1-Dichloroethane	2500	U
67-66-3	Chloroform	2500	U
107-06-2	1,2-Dichloroethane	2500	U
78-93-3	2-Butanone	2200	J
71-55-6	1,1,1-Trichloroethane	2500	U
56-23-5	Carbon Tetrachloride	2500	U
75-27-4	Bromodichloromethane	2500	U
78-87-5	1,2-Dichloropropane	2500	U
10061-01-5	cis-1,3-Dichloropropene	2500	U
79-01-6	Trichloroethene	1700	J
124-48-1	Dibromochloromethane	2500	U
79-00-5	1,1,2-Trichloroethane	2500	U
71-43-2	Benzene	2500	U
10061-02-6	trans-1,3-Dichloropropene	2500	U
75-25-2	Bromoform	2500	U
108-10-1	4-Methyl-2-pentanone	2500	U
591-78-6	2-Hexanone	2500	U
127-18-4	Tetrachloroethene	6600	
108-88-3	Toluene	2500	U
79-34-5	1,1,2,2-Tetrachloroethane	2500	U
108-90-7	Chlorobenzene	2500	U
100-41-4	Ethylbenzene	2500	U
100-42-5	Styrene	2500	U
1330-20-7	Total Xylenes	2500	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2500	U
156-59-2	cis-1,2-Dichloroethene	620	J

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.
B3-14-15.1-19.1

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7244901

Sample wt/vol: 4.09 (g/mL) G Lab File ID: Q9193.RR

Level: (low/med) MED Date Samp/Recv: 03/15/2007 03/16/2007

% Moisture: not dec. 54 Heated Purge: N Date Analyzed: 03/16/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	2500	U
75-71-8	Dichlorodifluoromethane	2500	U
75-69-4	Trichlorofluoromethane	2500	U
79-20-9	Methyl acetate	2500	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	2500	U
110-82-7	Cyclohexane	2500	U
108-87-2	Methylcyclohexane	2500	U
106-93-4	1,2-Dibromoethane	2500	U
98-82-8	Isopropylbenzene	2500	U
541-73-1	1,3-Dichlorobenzene	2500	U
106-46-7	1,4-Dichlorobenzene	2500	U
95-50-1	1,2-Dichlorobenzene	2500	U
96-12-8	1,2-Dibromo-3-chloropropane	2500	U
120-82-1	1,2,4-Trichlorobenzene	2500	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

B3-14-15.1-19.1

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7244901

Sample wt/vol: 4.09 (g/mL) G Lab File ID: Q9193.RR

Level: (low/med) MED Date Samp/Recv: 03/15/2007 03/16/2007

% Moisture: not dec. 53.7 Date Analyzed: 03/16/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	1.93	1800	J

ALPHA
GEOSCIENCE
Geology
Hydrology
Remediation
Water Supply

Data Usability Summary Report for
STL Buffalo, Job No. A07-2537

2 Soil Samples
Collected March 19, 2007

Prepared by: Donald Anné
October 2, 2007

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contains the results for 2 soil samples analyzed for volatiles.

The overall performances of the analyses are acceptable. STL Buffalo did fulfill the requirements of the analytical method.

The data are acceptable with some minor issues that are identified in the accompanying data validation review. The following data were flagged:

- The volatile result for cis-1,2-dichloroethene in sample VB1-20-13.0-17.0 was quantitated using data that was extrapolated beyond the highest calibration standard and flagged "E" by the laboratory. The result for cis-1,2-dichloroethene was qualified as estimated (J) in the undiluted samples. It is recommended that the diluted result be used for cis-1,2-dichloroethene.

All data are considered usable, with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation review.

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ALPHA
GEOSCIENCE
Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Volatiles Data
for STL Buffalo, Job No. A07-2537

2 Soil Samples
Collected March 19, 2007

Prepared by: Donald Anné
October 2, 2007

Holding Times: Samples were analyzed within NYSDEC ASP holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The compounds with ASP criteria for %RSDs met those requirements. The RRFs for trichloroethene (0.281) and 1,2,4-trichlorobenzene (0.195) were below the ASP minimum (0.300 and 0.200 respectfully) for HP5973Q on 03-19-07. No action is taken on two or fewer compounds per calibration outside ASP requirements, provided %RSDs are not greater than 40% and RRFs are not less than 0.010.

The average RRFs for target compounds were above the allowable minimum (0.050) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The compounds with ASP criteria for RRF50s and %Ds met those requirements.

The RRF50s for target compounds were above the allowable minimum (0.050) and the %Ds were below the allowable maximum (25%), as required.

Blanks: The analyses of method, methanol, and holding blanks reported target compounds as not detected.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Surrogate Recovery: The surrogate recoveries were within control limits for the soil samples.

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Matrix Spike/Matrix Spike Duplicate: MS/MSD data were not provided in this data pack. No action is taken on MS/MSD data alone to qualify or reject an entire set of samples.

Matrix Spike Blank: The percent recoveries were within QC limits for sample VBLK65.

Compound ID: Checked compounds were within GC quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

The result for cis-1,2-dichloroethene in sample VB1-20-13.0-17.0 was quantitated by extrapolating data above the highest calibration standard and marked 'E' by the laboratory. The sample was diluted by the laboratory and re-analyzed; therefore, the result for cis-1,2-dichloroethene that is flagged as 'E' in the undiluted sample should be considered estimated (J) and the use of the diluted result for cis-1,2-dichloroethene is recommended. It is recommended that the undiluted results be used for all other compounds.

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A7253701	VB1-19-8.8-12.8	SOIL	03/19/2007	11:15	03/20/2007	07:55
A7253702	VB1-20-13.0-17.0	SOIL	03/19/2007	17:20	03/20/2007	07:55

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-20-13.0-17.0

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7253702

Sample wt/vol: 4.03 (g/mL) G Lab File ID: Q9261.RR

Level: (low/med) MED Date Samp/Recv: 03/19/2007 03/20/2007

% Moisture: not dec. 54 Heated Purge: N Date Analyzed: 03/20/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	2600	U
74-83-9	Bromomethane	280	J
75-01-4	Vinyl chloride	2400	J
75-00-3	Chloroethane	2600	U
75-09-2	Methylene chloride	2600	U
67-64-1	Acetone	960	J
75-15-0	Carbon Disulfide	2600	U
75-35-4	1,1-Dichloroethene	2600	U
75-34-3	1,1-Dichloroethane	2600	U
67-66-3	Chloroform	2600	U
107-06-2	1,2-Dichloroethane	2600	U
78-93-3	2-Butanone	2600	U
71-55-6	1,1,1-Trichloroethane	2600	U
56-23-5	Carbon Tetrachloride	2600	U
75-27-4	Bromodichloromethane	2600	U
78-87-5	1,2-Dichloropropane	2600	U
10061-01-5	cis-1,3-Dichloropropene	2600	U
79-01-6	Trichloroethene	17000	
124-48-1	Dibromochloromethane	2600	U
79-00-5	1,1,2-Trichloroethane	2600	U
71-43-2	Benzene	2600	U
10061-02-6	trans-1,3-Dichloropropene	2600	U
75-25-2	Bromoform	2600	U
108-10-1	4-Methyl-2-pentanone	2600	U
591-78-6	2-Hexanone	2600	U
127-18-4	Tetrachloroethene	6400	
108-88-3	Toluene	2600	U
79-34-5	1,1,2,2-Tetrachloroethane	2600	U
108-90-7	Chlorobenzene	2600	U
100-41-4	Ethylbenzene	2600	U
100-42-5	Styrene	2600	U
1330-20-7	Total Xylenes	2600	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2600	U
156-59-2	cis-1,2-Dichloroethene	56000	E J

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-20-13.0-17.0

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7253702

Sample wt/vol: 4.03 (g/mL) G Lab File ID: Q9261.RR

Level: (low/med) MED Date Samp/Recv: 03/19/2007 03/20/2007

% Moisture: not dec. 54 Heated Purge: N Date Analyzed: 03/20/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	500	J
75-71-8	Dichlorodifluoromethane	2600	U
75-69-4	Trichlorofluoromethane	2600	U
79-20-9	Methyl acetate	2600	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	2600	U
110-82-7	Cyclohexane	2600	U
108-87-2	Methylcyclohexane	2600	U
106-93-4	1,2-Dibromoethane	2600	U
98-82-8	Isopropylbenzene	2600	U
541-73-1	1,3-Dichlorobenzene	2600	U
106-46-7	1,4-Dichlorobenzene	2600	U
95-50-1	1,2-Dichlorobenzene	2600	U
96-12-8	1,2-Dibromo-3-chloropropane	2600	U
120-82-1	1,2,4-Trichlorobenzene	2600	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB1-20-13.0-17.0

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7253702

Sample wt/vol: 4.03 (g/mL) G Lab File ID: Q9261.RR

Level: (low/med) MED Date Samp/Recv: 03/19/2007 03/20/2007

% Moisture: not dec. 54.0 Date Analyzed: 03/20/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-19-8.8-12.8

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7253701

Sample wt/vol: 4.05 (g/mL) G Lab File ID: Q9260.RR

Level: (low/med) MED Date Samp/Recv: 03/19/2007 03/20/2007

% Moisture: not dec. 57 Heated Purge: N Date Analyzed: 03/20/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	2700	U
74-83-9	Bromomethane	2700	U
75-01-4	Vinyl chloride	490	J
75-00-3	Chloroethane	2700	U
75-09-2	Methylene chloride	2700	U
67-64-1	Acetone	3100	
75-15-0	Carbon Disulfide	2700	U
75-35-4	1,1-Dichloroethene	2700	U
75-34-3	1,1-Dichloroethane	2700	U
67-66-3	Chloroform	2700	U
107-06-2	1,2-Dichloroethane	2700	U
78-93-3	2-Butanone	960	J
71-55-6	1,1,1-Trichloroethane	2700	U
56-23-5	Carbon Tetrachloride	2700	U
75-27-4	Bromodichloromethane	2700	U
78-87-5	1,2-Dichloropropane	2700	U
10061-01-5	cis-1,3-Dichloropropene	2700	U
79-01-6	Trichloroethene	2900	
124-48-1	Dibromochloromethane	2700	U
79-00-5	1,1,2-Trichloroethane	2700	U
71-43-2	Benzene	2700	U
10061-02-6	trans-1,3-Dichloropropene	2700	U
75-25-2	Bromoform	2700	U
108-10-1	4-Methyl-2-pentanone	2700	U
591-78-6	2-Hexanone	2700	U
127-18-4	Tetrachloroethene	14000	
108-88-3	Toluene	2700	U
79-34-5	1,1,2,2-Tetrachloroethane	2700	U
108-90-7	Chlorobenzene	2700	U
100-41-4	Ethylbenzene	2700	U
100-42-5	Styrene	2700	U
1330-20-7	Total Xylenes	2700	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2700	U
156-59-2	cis-1,2-Dichloroethene	1700	J

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-19-8.8-12.8

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7253701

Sample wt/vol: 4.05 (g/mL) G Lab File ID: Q9260.RR

Level: (low/med) MED Date Samp/Recv: 03/19/2007 03/20/2007

% Moisture: not dec. 57 Heated Purge: N Date Analyzed: 03/20/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	2700	U
75-71-8	Dichlorodifluoromethane	2700	U
75-69-4	Trichlorofluoromethane	2700	U
79-20-9	Methyl acetate	2700	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	2700	U
110-82-7	Cyclohexane	2700	U
108-87-2	Methylcyclohexane	2700	U
106-93-4	1,2-Dibromoethane	2700	U
98-82-8	Isopropylbenzene	2700	U
541-73-1	1,3-Dichlorobenzene	2700	U
106-46-7	1,4-Dichlorobenzene	2700	U
95-50-1	1,2-Dichlorobenzene	2700	U
96-12-8	1,2-Dibromo-3-chloropropane	2700	U
120-82-1	1,2,4-Trichlorobenzene	2700	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB1-19-8.8-12.8

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7253701

Sample wt/vol: 4.05 (g/mL) G Lab File ID: Q9260.RR

Level: (low/med) MED Date Samp/Recv: 03/19/2007 03/20/2007

% Moisture: not dec. 56.8 Date Analyzed: 03/20/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-20-13.0-17.0DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7253702DL

Sample wt/vol: 4.03 (g/mL) G Lab File ID: Q9262.RR

Level: (low/med) MED Date Samp/Recv: 03/19/2007 03/20/2007

% Moisture: not dec. 54 Heated Purge: N Date Analyzed: 03/20/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 2.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	5200	U
74-83-9	Bromomethane	5200	U
75-01-4	Vinyl chloride	2200	DJ
75-00-3	Chloroethane	5200	U
75-09-2	Methylene chloride	5200	U
67-64-1	Acetone	5200	U
75-15-0	Carbon Disulfide	5200	U
75-35-4	1,1-Dichloroethene	5200	U
75-34-3	1,1-Dichloroethane	5200	U
67-66-3	Chloroform	5200	U
107-06-2	1,2-Dichloroethane	5200	U
78-93-3	2-Butanone	5200	U
71-55-6	1,1,1-Trichloroethane	5200	U
56-23-5	Carbon Tetrachloride	5200	U
75-27-4	Bromodichloromethane	5200	U
78-87-5	1,2-Dichloropropane	5200	U
10061-01-5	cis-1,3-Dichloropropene	5200	U
79-01-6	Trichloroethene	17000	D
124-48-1	Dibromochloromethane	5200	U
79-00-5	1,1,2-Trichloroethane	5200	U
71-43-2	Benzene	5200	U
10061-02-6	trans-1,3-Dichloropropene	5200	U
75-25-2	Bromoform	5200	U
108-10-1	4-Methyl-2-pentanone	5200	U
591-78-6	2-Hexanone	5200	U
127-18-4	Tetrachloroethene	6300	D
108-88-3	Toluene	5200	U
79-34-5	1,1,2,2-Tetrachloroethane	5200	U
108-90-7	Chlorobenzene	5200	U
100-41-4	Ethylbenzene	5200	U
100-42-5	Styrene	5200	U
1330-20-7	Total Xylenes	5200	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5200	U
156-59-2	cis-1,2-Dichloroethene	56000	D

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-20-13.0-17.0DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7253702DL

Sample wt/vol: 4.03 (g/mL) G Lab File ID: Q9262.RR

Level: (low/med) MED Date Samp/Recv: 03/19/2007 03/20/2007

% Moisture: not dec. 54 Heated Purge: N Date Analyzed: 03/20/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 2.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	5200	U
75-71-8	Dichlorodifluoromethane	5200	U
75-69-4	Trichlorofluoromethane	5200	U
79-20-9	Methyl acetate	5200	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5200	U
110-82-7	Cyclohexane	5200	U
108-87-2	Methylcyclohexane	5200	U
106-93-4	1,2-Dibromoethane	5200	U
98-82-8	Isopropylbenzene	5200	U
541-73-1	1,3-Dichlorobenzene	5200	U
106-46-7	1,4-Dichlorobenzene	5200	U
95-50-1	1,2-Dichlorobenzene	5200	U
96-12-8	1,2-Dibromo-3-chloropropane	5200	U
120-82-1	1,2,4-Trichlorobenzene	5200	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB1-20-13.0-17.0 DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7253702DL

Sample wt/vol: 4.03 (g/mL) G Lab File ID: Q9262.RR

Level: (low/med) MED Date Samp/Recv: 03/19/2007 03/20/2007

% Moisture: not dec. 54.0 Date Analyzed: 03/20/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 2.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

ALPHA
GEOSCIENCE
Geology
Hydrology
Remediation
Water Supply

Data Usability Summary Report for
STL Buffalo, Job No. A07-4884

4 Soil Samples and 1 Holding Blank
Collected May 7, 2007

Prepared by: Donald Anné
October 2, 2007

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contains the results for 4 soil samples and 1 holding blank analyzed for volatiles.

The overall performances of the analyses are acceptable. STL Buffalo did fulfill the requirements of the analytical method.

The data are acceptable with some minor issues that are identified in the accompanying data validation review. The following data were flagged:

- The volatile result for tetrachloroethene in sample VB3-7-7.6-11.6 was quantitated using data that was extrapolated beyond the highest calibration standard and flagged "E" by the laboratory. The result for tetrachloroethene was qualified as estimated (J) in the undiluted samples. It is recommended that the diluted result be used for tetrachloroethene.

All data are considered usable, with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation review.

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ALPHA
GEOSCIENCE
Geology
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Water Supply

QA/QC Review of Volatiles Data
for STL Buffalo, Job No. A07-4884

4 Soil Samples and 1 Holding Blank
Collected May 7, 2007

Prepared by: Donald Anné
October 2, 2007

Holding Times: Samples were analyzed within NYSDEC ASP holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The compounds with ASP criteria for RRFs met those requirements. The %RSD for 1,2,4-trichlorobenzene (25.0%) was above the ASP maximum (20.5%) for HP5973Q on 05-08-07. No action is taken on two or fewer compounds per calibration outside ASP requirements, provided %RSDs are not greater than 40% and RRFs are not less than 0.010.

The average RRFs for target compounds were above the allowable minimum (0.050) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The compounds with ASP criteria for RRF50s and %Ds met those requirements.

The RRF50s for target compounds were above the allowable minimum (0.050) and the %Ds were below the allowable maximum (25%), as required.

Blanks: The analyses of method, methanol, and holding blanks reported target compounds as not detected.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Surrogate Recovery: The surrogate recoveries were within control limits for the soil samples.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences were below the allowable maximums and the percent recoveries were within control limits for MS/MSD sample VB3-11-10.5-14.5.

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Matrix Spike Blank: The percent recoveries were within QC limits for samples VBLK54 and VBLK55.

Compound ID: Checked compounds were within GC quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

The result for tetrachloroethene in sample VB3-7-7.6-11.6 was quantitated by extrapolating data above the highest calibration standard and marked 'E' by the laboratory. The sample was diluted by the laboratory and re-analyzed; therefore, the result for tetrachloroethene that is flagged as 'E' in the undiluted sample should be considered estimated (J) and the use of the diluted result for tetrachloroethene is recommended. It is recommended that the undiluted results be used for all other compounds.

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A7488403	VB3-11-10.5-14.5	SOIL	05/07/2007	14:40	05/08/2007	09:15
A7488404	VB3-17-14.9-18.9	SOIL	05/07/2007	15:40	05/08/2007	09:15
A7488401	VB3-7-7.6-11.6	SOIL	05/07/2007	12:20	05/08/2007	09:15
A7488402	VB3-8-7.3-11.3	SOIL	05/07/2007	13:00	05/08/2007	09:15
A7488405	VHB	WATER	05/08/2007		05/08/2007	09:15

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-11-10.5-14.5

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7488403

Sample wt/vol: 4.18 (g/mL) G Lab File ID: Q0741.RR

Level: (low/med) MED Date Samp/Recv: 05/07/2007 05/08/2007

% Moisture: not dec. 35 Heated Purge: N Date Analyzed: 05/09/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	1800	U
74-83-9	Bromomethane	1800	U
75-01-4	Vinyl chloride	1800	U
75-00-3	Chloroethane	1800	U
75-09-2	Methylene chloride	1800	U
67-64-1	Acetone	4200	
75-15-0	Carbon Disulfide	1800	U
75-35-4	1,1-Dichloroethene	1800	U
75-34-3	1,1-Dichloroethane	1800	U
67-66-3	Chloroform	1800	U
107-06-2	1,2-Dichloroethane	1800	U
78-93-3	2-Butanone	1300	J
71-55-6	1,1,1-Trichloroethane	1800	U
56-23-5	Carbon Tetrachloride	1800	U
75-27-4	Bromodichloromethane	1800	U
78-87-5	1,2-Dichloropropane	1800	U
10061-01-5	cis-1,3-Dichloropropene	1800	U
79-01-6	Trichloroethene	1800	U
124-48-1	Dibromochloromethane	1800	U
79-00-5	1,1,2-Trichloroethane	1800	U
71-43-2	Benzene	1800	U
10061-02-6	trans-1,3-Dichloropropene	1800	U
75-25-2	Bromoform	1800	U
108-10-1	4-Methyl-2-pentanone	1800	U
591-78-6	2-Hexanone	1800	U
127-18-4	Tetrachloroethene	850	J
108-88-3	Toluene	1800	U
79-34-5	1,1,2,2-Tetrachloroethane	1800	U
108-90-7	Chlorobenzene	1800	U
100-41-4	Ethylbenzene	1800	U
100-42-5	Styrene	1800	U
1330-20-7	Total Xylenes	1800	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1800	U
156-59-2	cis-1,2-Dichloroethene	1800	U

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-11-10.5-14.5

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7488403

Sample wt/vol: 4.18 (g/mL) G Lab File ID: Q0741.RR

Level: (low/med) MED Date Samp/Recv: 05/07/2007 05/08/2007

% Moisture: not dec. 35 Heated Purge: N Date Analyzed: 05/09/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	1800	U
75-71-8	Dichlorodifluoromethane	1800	U
75-69-4	Trichlorofluoromethane	1800	U
79-20-9	Methyl acetate	1800	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1800	U
110-82-7	Cyclohexane	1800	U
108-87-2	Methylcyclohexane	1800	U
106-93-4	1,2-Dibromoethane	1800	U
98-82-8	Isopropylbenzene	1800	U
541-73-1	1,3-Dichlorobenzene	1800	U
106-46-7	1,4-Dichlorobenzene	1800	U
95-50-1	1,2-Dichlorobenzene	1800	U
96-12-8	1,2-Dibromo-3-chloropropane	1800	U
120-82-1	1,2,4-Trichlorobenzene	1800	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB3-11-10.5-14.5

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7488403

Sample wt/vol: 4.18 (g/mL) G Lab File ID: Q0741.RR

Level: (low/med) MED Date Samp/Recv: 05/07/2007 05/08/2007

% Moisture: not dec. 34.9 Date Analyzed: 05/09/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-17-14.9-18.9

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7488404

Sample wt/vol: 4.05 (g/mL) G Lab File ID: Q0729.RR

Level: (low/med) MED Date Samp/Recv: 05/07/2007 05/08/2007

% Moisture: not dec. 46 Heated Purge: N Date Analyzed: 05/09/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	2200	U
74-83-9	Bromomethane	2200	U
75-01-4	Vinyl chloride	2200	U
75-00-3	Chloroethane	2200	U
75-09-2	Methylene chloride	2200	U
67-64-1	Acetone	7600	
75-15-0	Carbon Disulfide	2200	U
75-35-4	1,1-Dichloroethene	2200	U
75-34-3	1,1-Dichloroethane	2200	U
67-66-3	Chloroform	2200	U
107-06-2	1,2-Dichloroethane	2200	U
78-93-3	2-Butanone	2200	
71-55-6	1,1,1-Trichloroethane	2200	U
56-23-5	Carbon Tetrachloride	2200	U
75-27-4	Bromodichloromethane	2200	U
78-87-5	1,2-Dichloropropane	2200	U
10061-01-5	cis-1,3-Dichloropropene	2200	U
79-01-6	Trichloroethene	2200	U
124-48-1	Dibromochloromethane	2200	U
79-00-5	1,1,2-Trichloroethane	2200	U
71-43-2	Benzene	2200	U
10061-02-6	trans-1,3-Dichloropropene	2200	U
75-25-2	Bromoform	2200	U
108-10-1	4-Methyl-2-pentanone	2200	U
591-78-6	2-Hexanone	2200	U
127-18-4	Tetrachloroethene	17000	
108-88-3	Toluene	2200	U
79-34-5	1,1,2,2-Tetrachloroethane	2200	U
108-90-7	Chlorobenzene	2200	U
100-41-4	Ethylbenzene	2200	U
100-42-5	Styrene	2200	U
1330-20-7	Total Xylenes	2200	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2200	U
156-59-2	cis-1,2-Dichloroethene	2200	U

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-17-14.9-18.9

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7488404

Sample wt/vol: 4.05 (g/mL) G Lab File ID: Q0729.RR

Level: (low/med) MED Date Samp/Recv: 05/07/2007 05/08/2007

% Moisture: not dec. 46 Heated Purge: N Date Analyzed: 05/09/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	2200	U
75-71-8	Dichlorodifluoromethane	2200	U
75-69-4	Trichlorofluoromethane	2200	U
79-20-9	Methyl acetate	2200	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	2200	U
110-82-7	Cyclohexane	2200	U
108-87-2	Methylcyclohexane	2200	U
106-93-4	1,2-Dibromoethane	2200	U
98-82-8	Isopropylbenzene	2200	U
541-73-1	1,3-Dichlorobenzene	2200	U
106-46-7	1,4-Dichlorobenzene	2200	U
95-50-1	1,2-Dichlorobenzene	2200	U
96-12-8	1,2-Dibromo-3-chloropropane	2200	U
120-82-1	1,2,4-Trichlorobenzene	2200	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB3-17-14.9-18.9

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7488404

Sample wt/vol: 4.05 (g/mL) G Lab File ID: Q0729.RR

Level: (low/med) MED Date Samp/Recv: 05/07/2007 05/08/2007

% Moisture: not dec. 45.7 Date Analyzed: 05/09/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-7-7.6-11.6

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7488401

Sample wt/vol: 4.00 (g/mL) G Lab File ID: Q0726.RR

Level: (low/med) MED Date Samp/Recv: 05/07/2007 05/08/2007

% Moisture: not dec. 55 Heated Purge: N Date Analyzed: 05/09/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	2600	U
74-83-9	Bromomethane	2600	U
75-01-4	Vinyl chloride	2600	U
75-00-3	Chloroethane	2600	U
75-09-2	Methylene chloride	2600	U
67-64-1	Acetone	11000	
75-15-0	Carbon Disulfide	2600	U
75-35-4	1,1-Dichloroethene	2600	U
75-34-3	1,1-Dichloroethane	2600	U
67-66-3	Chloroform	2600	U
107-06-2	1,2-Dichloroethane	2600	U
78-93-3	2-Butanone	2300	J
71-55-6	1,1,1-Trichloroethane	2600	U
56-23-5	Carbon Tetrachloride	2600	U
75-27-4	Bromodichloromethane	2600	U
78-87-5	1,2-Dichloropropane	2600	U
10061-01-5	cis-1,3-Dichloropropene	2600	U
79-01-6	Trichloroethene	50000	
124-48-1	Dibromochloromethane	2600	U
79-00-5	1,1,2-Trichloroethane	2600	U
71-43-2	Benzene	2600	U
10061-02-6	trans-1,3-Dichloropropene	2600	U
75-25-2	Bromoform	2600	U
108-10-1	4-Methyl-2-pentanone	2600	U
591-78-6	2-Hexanone	2600	U
127-18-4	Tetrachloroethene	430000	E J
108-88-3	Toluene	2600	U
79-34-5	1,1,2,2-Tetrachloroethane	2600	U
108-90-7	Chlorobenzene	2600	U
100-41-4	Ethylbenzene	2600	U
100-42-5	Styrene	2600	U
1330-20-7	Total Xylenes	1100	J
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2600	U
156-59-2	cis-1,2-Dichloroethene	23000	

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-7-7.6-11.6

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7488401

Sample wt/vol: 4.00 (g/mL) G Lab File ID: Q0726.RR

Level: (low/med) MED Date Samp/Recv: 05/07/2007 05/08/2007

% Moisture: not dec. 55 Heated Purge: N Date Analyzed: 05/09/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	2600	U
75-71-8	Dichlorodifluoromethane	2600	U
75-69-4	Trichlorofluoromethane	2600	U
79-20-9	Methyl acetate	2600	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	2600	U
110-82-7	Cyclohexane	2600	U
108-87-2	Methylcyclohexane	2600	U
106-93-4	1,2-Dibromoethane	2600	U
98-82-8	Isopropylbenzene	2600	U
541-73-1	1,3-Dichlorobenzene	2600	U
106-46-7	1,4-Dichlorobenzene	2600	U
95-50-1	1,2-Dichlorobenzene	2600	U
96-12-8	1,2-Dibromo-3-chloropropane	2600	U
120-82-1	1,2,4-Trichlorobenzene	2600	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB3-7-7.6-11.6

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7488401

Sample wt/vol: 4.00 (g/mL) G Lab File ID: Q0726.RR

Level: (low/med) MED Date Samp/Recv: 05/07/2007 05/08/2007

% Moisture: not dec. 54.6 Date Analyzed: 05/09/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-7-7.6-11.6 DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7488401DL

Sample wt/vol: 4.00 (g/mL) G Lab File ID: Q0747.RR

Level: (low/med) MED Date Samp/Recv: 05/07/2007 05/08/2007

% Moisture: not dec. 55 Heated Purge: N Date Analyzed: 05/09/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 40.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	100000	U
74-83-9	Bromomethane	100000	U
75-01-4	Vinyl chloride	100000	U
75-00-3	Chloroethane	100000	U
75-09-2	Methylene chloride	100000	U
67-64-1	Acetone	100000	U
75-15-0	Carbon Disulfide	100000	U
75-35-4	1,1-Dichloroethene	100000	U
75-34-3	1,1-Dichloroethane	100000	U
67-66-3	Chloroform	100000	U
107-06-2	1,2-Dichloroethane	100000	U
78-93-3	2-Butanone	100000	U
71-55-6	1,1,1-Trichloroethane	100000	U
56-23-5	Carbon Tetrachloride	100000	U
75-27-4	Bromodichloromethane	100000	U
78-87-5	1,2-Dichloropropane	100000	U
10061-01-5	cis-1,3-Dichloropropene	100000	U
79-01-6	Trichloroethene	59000	DJ
124-48-1	Dibromochloromethane	100000	U
79-00-5	1,1,2-Trichloroethane	100000	U
71-43-2	Benzene	100000	U
10061-02-6	trans-1,3-Dichloropropene	100000	U
75-25-2	Bromoform	100000	U
108-10-1	4-Methyl-2-pentanone	100000	U
591-78-6	2-Hexanone	100000	U
127-18-4	Tetrachloroethene	830000	D
108-88-3	Toluene	100000	U
79-34-5	1,1,2,2-Tetrachloroethane	100000	U
108-90-7	Chlorobenzene	100000	U
100-41-4	Ethylbenzene	100000	U
100-42-5	Styrene	100000	U
1330-20-7	Total Xylenes	100000	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	100000	U
156-59-2	cis-1,2-Dichloroethene	23000	DJ

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-7-7.6-11.6 DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7488401DL

Sample wt/vol: 4.00 (g/mL) G Lab File ID: Q0747.RR

Level: (low/med) MED Date Samp/Recv: 05/07/2007 05/08/2007

% Moisture: not dec. 55 Heated Purge: N Date Analyzed: 05/09/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 40.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	100000	U
75-71-8	Dichlorodifluoromethane	100000	U
75-69-4	Trichlorofluoromethane	100000	U
79-20-9	Methyl acetate	100000	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	100000	U
110-82-7	Cyclohexane	100000	U
108-87-2	Methylcyclohexane	100000	U
106-93-4	1,2-Dibromoethane	100000	U
98-82-8	Isopropylbenzene	100000	U
541-73-1	1,3-Dichlorobenzene	100000	U
106-46-7	1,4-Dichlorobenzene	100000	U
95-50-1	1,2-Dichlorobenzene	100000	U
96-12-8	1,2-Dibromo-3-chloropropane	100000	U
120-82-1	1,2,4-Trichlorobenzene	100000	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB3-7-7.6-11.6 DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7488401DL

Sample wt/vol: 4.00 (g/mL) G Lab File ID: Q0747.RR

Level: (low/med) MED Date Samp/Recv: 05/07/2007 05/08/2007

% Moisture: not dec. 54.6 Date Analyzed: 05/09/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 40.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-8-7.3-11.3

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7488402

Sample wt/vol: 4.12 (g/mL) G Lab File ID: Q0740.RR

Level: (low/med) MED Date Samp/Recv: 05/07/2007 05/08/2007

% Moisture: not dec. 62 Heated Purge: N Date Analyzed: 05/09/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	3100	U
74-83-9	Bromomethane	3100	U
75-01-4	Vinyl chloride	3100	U
75-00-3	Chloroethane	3100	U
75-09-2	Methylene chloride	3100	U
67-64-1	Acetone	28000	
75-15-0	Carbon Disulfide	3100	U
75-35-4	1,1-Dichloroethene	3100	U
75-34-3	1,1-Dichloroethane	3100	U
67-66-3	Chloroform	3100	U
107-06-2	1,2-Dichloroethane	3100	U
78-93-3	2-Butanone	8300	
71-55-6	1,1,1-Trichloroethane	3100	U
56-23-5	Carbon Tetrachloride	3100	U
75-27-4	Bromodichloromethane	3100	U
78-87-5	1,2-Dichloropropane	3100	U
10061-01-5	cis-1,3-Dichloropropene	3100	U
79-01-6	Trichloroethene	3100	U
124-48-1	Dibromochloromethane	3100	U
79-00-5	1,1,2-Trichloroethane	3100	U
71-43-2	Benzene	3100	U
10061-02-6	trans-1,3-Dichloropropene	3100	U
75-25-2	Bromoform	3100	U
108-10-1	4-Methyl-2-pentanone	3100	U
591-78-6	2-Hexanone	3100	U
127-18-4	Tetrachloroethene	10000	
108-88-3	Toluene	3100	U
79-34-5	1,1,2,2-Tetrachloroethane	3100	U
108-90-7	Chlorobenzene	3100	U
100-41-4	Ethylbenzene	3100	U
100-42-5	Styrene	3100	U
1330-20-7	Total Xylenes	3100	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	3100	U
156-59-2	cis-1,2-Dichloroethene	3100	U

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-8-7.3-11.3

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7488402

Sample wt/vol: 4.12 (g/mL) G Lab File ID: Q0740.RR

Level: (low/med) MED Date Samp/Recv: 05/07/2007 05/08/2007

% Moisture: not dec. 62 Heated Purge: N Date Analyzed: 05/09/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	3100	U
75-71-8	Dichlorodifluoromethane	3100	U
75-69-4	Trichlorofluoromethane	3100	U
79-20-9	Methyl acetate	3100	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	3100	U
110-82-7	Cyclohexane	3100	U
108-87-2	Methylcyclohexane	3100	U
106-93-4	1,2-Dibromoethane	3100	U
98-82-8	Isopropylbenzene	3100	U
541-73-1	1,3-Dichlorobenzene	3100	U
106-46-7	1,4-Dichlorobenzene	3100	U
95-50-1	1,2-Dichlorobenzene	3100	U
96-12-8	1,2-Dibromo-3-chloropropane	3100	U
120-82-1	1,2,4-Trichlorobenzene	3100	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB3-8-7.3-11.3

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7488402

Sample wt/vol: 4.12 (g/mL) G Lab File ID: Q0740.RR

Level: (low/med) MED Date Samp/Recv: 05/07/2007 05/08/2007

% Moisture: not dec. 62.2 Date Analyzed: 05/09/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

Data Usability Summary Report for
STL Buffalo, Job No. A07-4948

13 Soil Samples and 1 MS/MSD
Collected May 7 and 8, 2007

Prepared by: Donald Anné
October 2, 2007

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contains the results for 13 soil samples and 1 MS/MSD analyzed for volatiles.

The overall performances of the analyses are acceptable. STL Buffalo did fulfill the requirements of the analytical method.

The data are acceptable with some minor issues that are identified in the accompanying data validation review. The following data were flagged:

- Positive volatile results for methylene chloride were flagged as "not detected" (U) in soil samples VB3-21-16.9-20.9 and VB3-5-7-11 because the levels reported in the samples were not significantly greater (more than 10 times) than the associated method blank level.

- Volatile results for 2 compounds in samples VB3-21-16.9-20.9 and VB3-5-7-11 were quantitated using data that were extrapolated beyond the highest calibration standard and flagged "E" by the laboratory. The results for these compounds were qualified as estimated (J) in the undiluted samples. It is recommended that the diluted results be used for those compounds.

- Positive volatile results for acetone were flagged as "estimated" (J) in samples VB3-21-16.9-20.9 and VB3-5-7-11 because the %RSD and %D for acetone were above the allowable maximums in the associated initial and continuing calibrations.

All data are considered usable, with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation review.

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ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Volatiles Data
for STL Buffalo, Job No. A07-4948

13 Soil Samples and 1 MS/MSD
Collected May 7 and 8, 2007

Prepared by: Donald Anné
October 2, 2007

Holding Times: Samples were analyzed within NYSDEC ASP holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The %RSD for 1,2,4-trichlorobenzene (25.0%) was above the ASP maximum (20.5%) for HP5973Q on 05-08-07. The RRFs for trichloroethene (0.284, 0.247, 0.247, and 0.227) were below the ASP minimum (0.300) for HP5973P on 05-10-07. No action is taken on two or fewer compounds per calibration outside ASP requirements, provided %RSDs are not greater than 40% and RRFs are not less than 0.010.

The average RRFs for target compounds were above the allowable minimum (0.050), as required.

The %RSD for acetone (48.6%) was above the allowable maximum (30%) for HP5973P on 05-10-07. Positive results for acetone should be considered estimates (J) in associated samples.

Continuing Calibration: The %D for bromomethane (27.3%) was above the ASP maximum (25%) and the RRF50 for trichloroethene (0.2770) was below the ASP minimum (0.300) on 05-10-07 (P8615.RR). No action is taken on two or fewer compounds per calibration outside ASP requirements, provided %Ds are not greater than 40% and RRF50s are not less than 0.010.

The RRF50s for target compounds were above the allowable minimum (0.050), as required.

The %Ds for bromomethane (27.3%) and acetone (27.6%) were above the allowable maximum (25%) on 05-10-07 (P8615.RR). The %D for 2-hexanone (31.9%) was above the allowable maximum (25%) on 05-09-07 (Q0749.RR). Positive results for these compounds should be considered estimated (J) in associated samples.

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www.alphageoscience.com

Blanks: The analyses of methanol and holding blanks reported target compounds as not detected. Method blank VBLK44 contained traces of acetone (10 ug/kg) and methylene chloride (1 ug/kg). Results for acetone and methylene chloride that are less than ten times the method blank level should be reported as not detected (U) in associated samples.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Surrogate Recovery: The surrogate recoveries were within control limits for the soil samples.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences were below the allowable maximums and the percent recoveries were within control limits for MS/MSD samples VB3-14-15.1-19.1 and VB3-21-16.9-20.9.

Matrix Spike Blank: The percent recoveries were within QC limits for samples VBLK44 and VBLK56.

Compound ID: Checked compounds were within GC quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

The results for 2 volatile compounds in samples VB3-21-16.9-20.9 and VB3-5-7-11 were quantitated by extrapolating data above the highest calibration standard and marked 'E' by the laboratory. The samples were diluted by the laboratory and re-analyzed; therefore, the results for these compounds that are flagged as 'E' in the undiluted samples should be considered estimated (J) and the use of the diluted results for these compounds is recommended. It is recommended that the undiluted results be used for all other compounds.

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A7494805	VB3-10-14.5-18.5	SOIL	05/07/2007	19:20	05/09/2007	09:50
A7494806	VB3-14-15.1-19.1	SOIL	05/08/2007	10:00	05/09/2007	09:50
A7494806MS	VB3-14-15.1-19.1	SOIL	05/08/2007	10:00	05/09/2007	09:50
A7494806SD	VB3-14-15.1-19.1	SOIL	05/08/2007	10:00	05/09/2007	09:50
A7494807	VB3-15-17.1-21.1	SOIL	05/08/2007	11:00	05/09/2007	09:50
A7494808	VB3-19-15.6-19.6	SOIL	05/08/2007	11:35	05/09/2007	09:50
A7494802	VB3-2-16.1-20.1	SOIL	05/07/2007	17:50	05/09/2007	09:50
A7494811	VB3-20-16.9-20.9	SOIL	05/08/2007	14:15	05/09/2007	09:50
A7494812	VB3-21-16.9-20.9	SOIL	05/08/2007	15:30	05/09/2007	09:50
A7494813	VB3-22-16-20	SOIL	05/08/2007	16:20	05/09/2007	09:50
A7494810	VB3-23-16.6-20.6	SOIL	05/08/2007	13:10	05/09/2007	09:50
A7494809	VB3-24-16.9-20.9	SOIL	05/08/2007	12:30	05/09/2007	09:50
A7494801	VB3-25-15.8-19.8	SOIL	05/07/2007	17:15	05/09/2007	09:50
A7494804	VB3-5-7-11	SOIL	05/07/2007	18:50	05/09/2007	09:50
A7494803	VB3-6-7-11	SOIL	05/07/2007	18:15	05/09/2007	09:50

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-10-14.5-18.5

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7494805

Sample wt/vol: 4.07 (g/mL) G Lab File ID: Q0757.RR

Level: (low/med) MED Date Samp/Recv: 05/07/2007 05/09/2007

% Moisture: not dec. 36 Heated Purge: N Date Analyzed: 05/09/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	1800	U
74-83-9	Bromomethane	1800	U
75-01-4	Vinyl chloride	1800	U
75-00-3	Chloroethane	1800	U
75-09-2	Methylene chloride	1800	U
67-64-1	Acetone	7900	
75-15-0	Carbon Disulfide	1800	U
75-35-4	1,1-Dichloroethene	1800	U
75-34-3	1,1-Dichloroethane	1800	U
67-66-3	Chloroform	1800	U
107-06-2	1,2-Dichloroethane	1800	U
78-93-3	2-Butanone	3100	
71-55-6	1,1,1-Trichloroethane	1800	U
56-23-5	Carbon Tetrachloride	1800	U
75-27-4	Bromodichloromethane	1800	U
78-87-5	1,2-Dichloropropane	1800	U
10061-01-5	cis-1,3-Dichloropropene	1800	U
79-01-6	Trichloroethene	1800	U
124-48-1	Dibromochloromethane	1800	U
79-00-5	1,1,2-Trichloroethane	1800	U
71-43-2	Benzene	1800	U
10061-02-6	trans-1,3-Dichloropropene	1800	U
75-25-2	Bromoform	1800	U
108-10-1	4-Methyl-2-pentanone	1800	U
591-78-6	2-Hexanone	1800	U
127-18-4	Tetrachloroethene	20000	
108-88-3	Toluene	1800	U
79-34-5	1,1,2,2-Tetrachloroethane	1800	U
108-90-7	Chlorobenzene	1800	U
100-41-4	Ethylbenzene	1800	U
100-42-5	Styrene	1800	U
1330-20-7	Total Xylenes	1800	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1800	U
156-59-2	cis-1,2-Dichloroethene	1800	U

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-10-14.5-18.5

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7494805

Sample wt/vol: 4.07 (g/mL) G Lab File ID: Q0757.RR

Level: (low/med) MED Date Samp/Recv: 05/07/2007 05/09/2007

% Moisture: not dec. 36 Heated Purge: N Date Analyzed: 05/09/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	1800	U
75-71-8	Dichlorodifluoromethane	1800	U
75-69-4	Trichlorofluoromethane	1800	U
79-20-9	Methyl acetate	1800	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1800	U
110-82-7	Cyclohexane	1800	U
108-87-2	Methylcyclohexane	1800	U
106-93-4	1,2-Dibromoethane	1800	U
98-82-8	Isopropylbenzene	1800	U
541-73-1	1,3-Dichlorobenzene	1800	U
106-46-7	1,4-Dichlorobenzene	1800	U
95-50-1	1,2-Dichlorobenzene	1800	U
96-12-8	1,2-Dibromo-3-chloropropane	1800	U
120-82-1	1,2,4-Trichlorobenzene	1800	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB3-10-14.5-18.5

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7494805

Sample wt/vol: 4.07 (g/mL) G Lab File ID: Q0757.RR

Level: (low/med) MED Date Samp/Recv: 05/07/2007 05/09/2007

% Moisture: not dec. 36.3 Date Analyzed: 05/09/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-14-15.1-19.1

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7494806

Sample wt/vol: 4.03 (g/mL) G Lab File ID: Q0758.RR

Level: (low/med) MED Date Samp/Recv: 05/08/2007 05/09/2007

% Moisture: not dec. 46 Heated Purge: N Date Analyzed: 05/09/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	2200	U
74-83-9	Bromomethane	2200	U
75-01-4	Vinyl chloride	2200	U
75-00-3	Chloroethane	2200	U
75-09-2	Methylene chloride	2200	U
67-64-1	Acetone	2800	
75-15-0	Carbon Disulfide	2200	U
75-35-4	1,1-Dichloroethene	2200	U
75-34-3	1,1-Dichloroethane	2200	U
67-66-3	Chloroform	2200	U
107-06-2	1,2-Dichloroethane	2200	U
78-93-3	2-Butanone	1200	J
71-55-6	1,1,1-Trichloroethane	2200	U
56-23-5	Carbon Tetrachloride	2200	U
75-27-4	Bromodichloromethane	2200	U
78-87-5	1,2-Dichloropropane	2200	U
10061-01-5	cis-1,3-Dichloropropene	2200	U
79-01-6	Trichloroethene	3100	
124-48-1	Dibromochloromethane	2200	U
79-00-5	1,1,2-Trichloroethane	2200	U
71-43-2	Benzene	2200	U
10061-02-6	trans-1,3-Dichloropropene	2200	U
75-25-2	Bromoform	2200	U
108-10-1	4-Methyl-2-pentanone	2200	U
591-78-6	2-Hexanone	2200	U
127-18-4	Tetrachloroethene	19000	
108-88-3	Toluene	2200	U
79-34-5	1,1,2,2-Tetrachloroethane	2200	U
108-90-7	Chlorobenzene	2200	U
100-41-4	Ethylbenzene	2200	U
100-42-5	Styrene	2200	U
1330-20-7	Total Xylenes	2200	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2200	U
156-59-2	cis-1,2-Dichloroethene	2200	

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-14-15.1-19.1

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7494806

Sample wt/vol: 4.03 (g/mL) G Lab File ID: Q0758.RR

Level: (low/med) MED Date Samp/Recv: 05/08/2007 05/09/2007

% Moisture: not dec. 46 Heated Purge: N Date Analyzed: 05/09/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	2200	U
75-71-8	Dichlorodifluoromethane	2200	U
75-69-4	Trichlorofluoromethane	2200	U
79-20-9	Methyl acetate	2200	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	2200	U
110-82-7	Cyclohexane	2200	U
108-87-2	Methylcyclohexane	2200	U
106-93-4	1,2-Dibromoethane	2200	U
98-82-8	Isopropylbenzene	2200	U
541-73-1	1,3-Dichlorobenzene	2200	U
106-46-7	1,4-Dichlorobenzene	2200	U
95-50-1	1,2-Dichlorobenzene	2200	U
96-12-8	1,2-Dibromo-3-chloropropane	2200	U
120-82-1	1,2,4-Trichlorobenzene	2200	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB3-14-15.1-19.1

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7494806

Sample wt/vol: 4.03 (g/mL) G Lab File ID: Q0758.RR

Level: (low/med) MED Date Samp/Recv: 05/08/2007 05/09/2007

% Moisture: not dec. 46.3 Date Analyzed: 05/09/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-15-17.1-21.1

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7494807

Sample wt/vol: 4.12 (g/mL) G Lab File ID: Q0761.RR

Level: (low/med) MED Date Samp/Recv: 05/08/2007 05/09/2007

% Moisture: not dec. 33 Heated Purge: N Date Analyzed: 05/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	1700	U
74-83-9	Bromomethane	1700	U
75-01-4	Vinyl chloride	1700	U
75-00-3	Chloroethane	1700	U
75-09-2	Methylene chloride	1700	U
67-64-1	Acetone	7600	
75-15-0	Carbon Disulfide	1700	U
75-35-4	1,1-Dichloroethene	1700	U
75-34-3	1,1-Dichloroethane	1700	U
67-66-3	Chloroform	1700	U
107-06-2	1,2-Dichloroethane	1700	U
78-93-3	2-Butanone	3000	
71-55-6	1,1,1-Trichloroethane	1700	U
56-23-5	Carbon Tetrachloride	1700	U
75-27-4	Bromodichloromethane	1700	U
78-87-5	1,2-Dichloropropane	1700	U
10061-01-5	cis-1,3-Dichloropropene	1700	U
79-01-6	Trichloroethene	1700	U
124-48-1	Dibromochloromethane	1700	U
79-00-5	1,1,2-Trichloroethane	1700	U
71-43-2	Benzene	1700	U
10061-02-6	trans-1,3-Dichloropropene	1700	U
75-25-2	Bromoform	1700	U
108-10-1	4-Methyl-2-pentanone	1700	U
591-78-6	2-Hexanone	1700	U
127-18-4	Tetrachloroethene	2600	
108-88-3	Toluene	1700	U
79-34-5	1,1,2,2-Tetrachloroethane	1700	U
108-90-7	Chlorobenzene	1700	U
100-41-4	Ethylbenzene	1700	U
100-42-5	Styrene	1700	U
1330-20-7	Total Xylenes	1700	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1700	U
156-59-2	cis-1,2-Dichloroethene	1700	U

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-15-17.1-21.1

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7494807

Sample wt/vol: 4.12 (g/mL) G Lab File ID: Q0761.RR

Level: (low/med) MED Date Samp/Recv: 05/08/2007 05/09/2007

% Moisture: not dec. 33 Heated Purge: N Date Analyzed: 05/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	1700	U
75-71-8	Dichlorodifluoromethane	1700	U
75-69-4	Trichlorofluoromethane	1700	U
79-20-9	Methyl acetate	1700	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1700	U
110-82-7	Cyclohexane	1700	U
108-87-2	Methylcyclohexane	1700	U
106-93-4	1,2-Dibromoethane	1700	U
98-82-8	Isopropylbenzene	1700	U
541-73-1	1,3-Dichlorobenzene	1700	U
106-46-7	1,4-Dichlorobenzene	1700	U
95-50-1	1,2-Dichlorobenzene	1700	U
96-12-8	1,2-Dibromo-3-chloropropane	1700	U
120-82-1	1,2,4-Trichlorobenzene	1700	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB3-15-17.1-21.1

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7494807

Sample wt/vol: 4.12 (g/mL) G Lab File ID: Q0761.RR

Level: (low/med) MED Date Samp/Recv: 05/08/2007 05/09/2007

% Moisture: not dec. 32.8 Date Analyzed: 05/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-19-15.6-19.6

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7494808

Sample wt/vol: 4.14 (g/mL) G Lab File ID: Q0762.RR

Level: (low/med) MED Date Samp/Recv: 05/08/2007 05/09/2007

% Moisture: not dec. 55 Heated Purge: N Date Analyzed: 05/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	2600	U
74-83-9	Bromomethane	2600	U
75-01-4	Vinyl chloride	2600	U
75-00-3	Chloroethane	2600	U
75-09-2	Methylene chloride	2600	U
67-64-1	Acetone	13000	
75-15-0	Carbon Disulfide	2600	U
75-35-4	1,1-Dichloroethene	2600	U
75-34-3	1,1-Dichloroethane	2600	U
67-66-3	Chloroform	2600	U
107-06-2	1,2-Dichloroethane	2600	U
78-93-3	2-Butanone	5500	
71-55-6	1,1,1-Trichloroethane	2600	U
56-23-5	Carbon Tetrachloride	2600	U
75-27-4	Bromodichloromethane	2600	U
78-87-5	1,2-Dichloropropane	2600	U
10061-01-5	cis-1,3-Dichloropropene	2600	U
79-01-6	Trichloroethene	4200	
124-48-1	Dibromochloromethane	2600	U
79-00-5	1,1,2-Trichloroethane	2600	U
71-43-2	Benzene	2600	U
10061-02-6	trans-1,3-Dichloropropene	2600	U
75-25-2	Bromoform	2600	U
108-10-1	4-Methyl-2-pentanone	2600	U
591-78-6	2-Hexanone	2600	U
127-18-4	Tetrachloroethene	30000	
108-88-3	Toluene	2600	U
79-34-5	1,1,2,2-Tetrachloroethane	2600	U
108-90-7	Chlorobenzene	2600	U
100-41-4	Ethylbenzene	2600	U
100-42-5	Styrene	2600	U
1330-20-7	Total Xylenes	2600	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2600	U
156-59-2	cis-1,2-Dichloroethene	3000	

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-19-15.6-19.6

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7494808

Sample wt/vol: 4.14 (g/mL) G Lab File ID: Q0762.RR

Level: (low/med) MED Date Samp/Recv: 05/08/2007 05/09/2007

% Moisture: not dec. 55 Heated Purge: N Date Analyzed: 05/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	2600	U
75-71-8	Dichlorodifluoromethane	2600	U
75-69-4	Trichlorofluoromethane	2600	U
79-20-9	Methyl acetate	2600	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	2600	U
110-82-7	Cyclohexane	2600	U
108-87-2	Methylcyclohexane	2600	U
106-93-4	1,2-Dibromoethane	2600	U
98-82-8	Isopropylbenzene	2600	U
541-73-1	1,3-Dichlorobenzene	2600	U
106-46-7	1,4-Dichlorobenzene	2600	U
95-50-1	1,2-Dichlorobenzene	2600	U
96-12-8	1,2-Dibromo-3-chloropropane	2600	U
120-82-1	1,2,4-Trichlorobenzene	2600	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB3-19-15.6-19.6

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7494808

Sample wt/vol: 4.14 (g/mL) G Lab File ID: Q0762.RR

Level: (low/med) MED Date Samp/Recv: 05/08/2007 05/09/2007

% Moisture: not dec. 55.5 Date Analyzed: 05/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-2-16.1-20.1

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7494802

Sample wt/vol: 4.02 (g/mL) G Lab File ID: Q0754.RR

Level: (low/med) MED Date Samp/Recv: 05/07/2007 05/09/2007

% Moisture: not dec. 19 Heated Purge: N Date Analyzed: 05/09/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	1500	U
74-83-9	Bromomethane	1500	U
75-01-4	Vinyl chloride	1500	U
75-00-3	Chloroethane	1500	U
75-09-2	Methylene chloride	1500	U
67-64-1	Acetone	2000	
75-15-0	Carbon Disulfide	1500	U
75-35-4	1,1-Dichloroethene	1500	U
75-34-3	1,1-Dichloroethane	1500	U
67-66-3	Chloroform	1500	U
107-06-2	1,2-Dichloroethane	1500	U
78-93-3	2-Butanone	820	J
71-55-6	1,1,1-Trichloroethane	1500	U
56-23-5	Carbon Tetrachloride	1500	U
75-27-4	Bromodichloromethane	1500	U
78-87-5	1,2-Dichloropropane	1500	U
10061-01-5	cis-1,3-Dichloropropene	1500	U
79-01-6	Trichloroethene	760	J
124-48-1	Dibromochloromethane	1500	U
79-00-5	1,1,2-Trichloroethane	1500	U
71-43-2	Benzene	1500	U
10061-02-6	trans-1,3-Dichloropropene	1500	U
75-25-2	Bromoform	1500	U
108-10-1	4-Methyl-2-pentanone	1500	U
591-78-6	2-Hexanone	1500	U
127-18-4	Tetrachloroethene	4400	
108-88-3	Toluene	1500	U
79-34-5	1,1,2,2-Tetrachloroethane	1500	U
108-90-7	Chlorobenzene	1500	U
100-41-4	Ethylbenzene	1500	U
100-42-5	Styrene	1500	U
1330-20-7	Total Xylenes	1500	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1500	U
156-59-2	cis-1,2-Dichloroethene	240	J

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-2-16.1-20.1

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7494802

Sample wt/vol: 4.02 (g/mL) G Lab File ID: Q0754.RR

Level: (low/med) MED Date Samp/Recv: 05/07/2007 05/09/2007

% Moisture: not dec. 19 Heated Purge: N Date Analyzed: 05/09/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	1500	U
75-71-8	Dichlorodifluoromethane	1500	U
75-69-4	Trichlorofluoromethane	1500	U
79-20-9	Methyl acetate	1500	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1500	U
110-82-7	Cyclohexane	1500	U
108-87-2	Methylcyclohexane	1500	U
106-93-4	1,2-Dibromoethane	1500	U
98-82-8	Isopropylbenzene	1500	U
541-73-1	1,3-Dichlorobenzene	1500	U
106-46-7	1,4-Dichlorobenzene	1500	U
95-50-1	1,2-Dichlorobenzene	1500	U
96-12-8	1,2-Dibromo-3-chloropropane	1500	U
120-82-1	1,2,4-Trichlorobenzene	1500	U

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-20-16.9-20.9

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7494811

Sample wt/vol: 4.06 (g/mL) G Lab File ID: Q0765.RR

Level: (low/med) MED Date Samp/Recv: 05/08/2007 05/09/2007

% Moisture: not dec. 42 Heated Purge: N Date Analyzed: 05/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	2000	U
74-83-9	Bromomethane	2000	U
75-01-4	Vinyl chloride	2000	U
75-00-3	Chloroethane	2000	U
75-09-2	Methylene chloride	2000	U
67-64-1	Acetone	11000	
75-15-0	Carbon Disulfide	2000	U
75-35-4	1,1-Dichloroethene	2000	U
75-34-3	1,1-Dichloroethane	2000	U
67-66-3	Chloroform	2000	U
107-06-2	1,2-Dichloroethane	2000	U
78-93-3	2-Butanone	4400	
71-55-6	1,1,1-Trichloroethane	2000	U
56-23-5	Carbon Tetrachloride	2000	U
75-27-4	Bromodichloromethane	2000	U
78-87-5	1,2-Dichloropropane	2000	U
10061-01-5	cis-1,3-Dichloropropene	2000	U
79-01-6	Trichloroethene	2000	U
124-48-1	Dibromochloromethane	2000	U
79-00-5	1,1,2-Trichloroethane	2000	U
71-43-2	Benzene	2000	U
10061-02-6	trans-1,3-Dichloropropene	2000	U
75-25-2	Bromoform	2000	U
108-10-1	4-Methyl-2-pentanone	2000	U
591-78-6	2-Hexanone	2000	U
127-18-4	Tetrachloroethene	4900	
108-88-3	Toluene	2000	U
79-34-5	1,1,2,2-Tetrachloroethane	2000	U
108-90-7	Chlorobenzene	2000	U
100-41-4	Ethylbenzene	2000	U
100-42-5	Styrene	2000	U
1330-20-7	Total Xylenes	2000	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2000	U
156-59-2	cis-1,2-Dichloroethene	2000	U

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-20-16.9-20.9

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7494811

Sample wt/vol: 4.06 (g/mL) G Lab File ID: Q0765.RR

Level: (low/med) MED Date Samp/Recv: 05/08/2007 05/09/2007

% Moisture: not dec. 42 Heated Purge: N Date Analyzed: 05/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	2000	U
75-71-8	Dichlorodifluoromethane	2000	U
75-69-4	Trichlorofluoromethane	2000	U
79-20-9	Methyl acetate	2000	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	2000	U
110-82-7	Cyclohexane	2000	U
108-87-2	Methylcyclohexane	2000	U
106-93-4	1,2-Dibromoethane	2000	U
98-82-8	Isopropylbenzene	2000	U
541-73-1	1,3-Dichlorobenzene	2000	U
106-46-7	1,4-Dichlorobenzene	2000	U
95-50-1	1,2-Dichlorobenzene	2000	U
96-12-8	1,2-Dibromo-3-chloropropane	2000	U
120-82-1	1,2,4-Trichlorobenzene	2000	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB3-20-16.9-20.9

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7494811

Sample wt/vol: 4.06 (g/mL) G Lab File ID: Q0765.RR

Level: (low/med) MED Date Samp/Recv: 05/08/2007 05/09/2007

% Moisture: not dec. 42.1 Date Analyzed: 05/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-21-16.9-20.9

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7494812

Sample wt/vol: 1.11 (g/mL) G Lab File ID: P8622.RR

Level: (low/med) LOW Date Samp/Recv: 05/08/2007 05/09/2007

% Moisture: not dec. 36 Heated Purge: Y Date Analyzed: 05/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	71	U
74-83-9	Bromomethane	71	U
75-01-4	Vinyl chloride	71	U
75-00-3	Chloroethane	71	U
75-09-2	Methylene chloride	66	BJ U
67-64-1	Acetone	13000	BE J
75-15-0	Carbon Disulfide	14	J
75-35-4	1,1-Dichloroethene	71	U
75-34-3	1,1-Dichloroethane	71	U
67-66-3	Chloroform	71	U
107-06-2	1,2-Dichloroethane	71	U
78-93-3	2-Butanone	3200	E J
71-55-6	1,1,1-Trichloroethane	71	U
56-23-5	Carbon Tetrachloride	71	U
75-27-4	Bromodichloromethane	71	U
78-87-5	1,2-Dichloropropane	71	U
10061-01-5	cis-1,3-Dichloropropene	71	U
79-01-6	Trichloroethene	71	U
124-48-1	Dibromochloromethane	71	U
79-00-5	1,1,2-Trichloroethane	71	U
71-43-2	Benzene	71	U
10061-02-6	trans-1,3-Dichloropropene	71	U
75-25-2	Bromoform	71	U
108-10-1	4-Methyl-2-pentanone	71	U
591-78-6	2-Hexanone	71	U
127-18-4	Tetrachloroethene	40	J
108-88-3	Toluene	71	U
79-34-5	1,1,2,2-Tetrachloroethane	71	U
108-90-7	Chlorobenzene	71	U
100-41-4	Ethylbenzene	71	U
100-42-5	Styrene	71	U
1330-20-7	Total Xylenes	71	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	71	U
156-59-2	cis-1,2-Dichloroethene	71	U

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-21-16.9-20.9

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7494812

Sample wt/vol: 1.11 (g/mL) G Lab File ID: P8622.RR

Level: (low/med) LOW Date Samp/Recv: 05/08/2007 05/09/2007

% Moisture: not dec. 36 Heated Purge: Y Date Analyzed: 05/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	71	U
75-71-8	Dichlorodifluoromethane	71	U
75-69-4	Trichlorofluoromethane	71	U
79-20-9	Methyl acetate	71	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	71	U
110-82-7	Cyclohexane	71	U
108-87-2	Methylcyclohexane	71	U
106-93-4	1,2-Dibromoethane	71	U
98-82-8	Isopropylbenzene	71	U
541-73-1	1,3-Dichlorobenzene	71	U
106-46-7	1,4-Dichlorobenzene	71	U
95-50-1	1,2-Dichlorobenzene	71	U
96-12-8	1,2-Dibromo-3-chloropropane	71	U
120-82-1	1,2,4-Trichlorobenzene	71	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB3-21-16.9-20.9

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7494812

Sample wt/vol: 1.11 (g/mL) G Lab File ID: P8622.RR

Level: (low/med) LOW Date Samp/Recv: 05/08/2007 05/09/2007

% Moisture: not dec. 36.4 Date Analyzed: 05/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 5

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.		UNKNOWN	4.68	56	J
2.	78-84-2	2-METHYL-PROPANAL	7.39	81	JN
3.	110-54-3	HEXANE	7.49	58	JN
4.		UNKNOWN	9.55	44	J
5.		UNKNOWN	9.73	41	J

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-21-16.9-20.9 DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7494812DL

Sample wt/vol: 4.00 (g/mL) G Lab File ID: Q0766.RR

Level: (low/med) MED Date Samp/Recv: 05/08/2007 05/09/2007

% Moisture: not dec. 36 Heated Purge: N Date Analyzed: 05/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	1900	U
74-83-9	Bromomethane	1900	U
75-01-4	Vinyl chloride	1900	U
75-00-3	Chloroethane	1900	U
75-09-2	Methylene chloride	1900	U
67-64-1	Acetone	3000	D
75-15-0	Carbon Disulfide	1900	U
75-35-4	1,1-Dichloroethene	1900	U
75-34-3	1,1-Dichloroethane	1900	U
67-66-3	Chloroform	1900	U
107-06-2	1,2-Dichloroethane	1900	U
78-93-3	2-Butanone	1000	DJ
71-55-6	1,1,1-Trichloroethane	1900	U
56-23-5	Carbon Tetrachloride	1900	U
75-27-4	Bromodichloromethane	1900	U
78-87-5	1,2-Dichloropropane	1900	U
10061-01-5	cis-1,3-Dichloropropene	1900	U
79-01-6	Trichloroethene	1900	U
124-48-1	Dibromochloromethane	1900	U
79-00-5	1,1,2-Trichloroethane	1900	U
71-43-2	Benzene	1900	U
10061-02-6	trans-1,3-Dichloropropene	1900	U
75-25-2	Bromoform	1900	U
108-10-1	4-Methyl-2-pentanone	1900	U
591-78-6	2-Hexanone	1900	U
127-18-4	Tetrachloroethene	1900	U
108-88-3	Toluene	1900	U
79-34-5	1,1,2,2-Tetrachloroethane	1900	U
108-90-7	Chlorobenzene	1900	U
100-41-4	Ethylbenzene	1900	U
100-42-5	Styrene	1900	U
1330-20-7	Total Xylenes	1900	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1900	U
156-59-2	cis-1,2-Dichloroethene	1900	U

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-21-16.9-20.9 DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7494812DL

Sample wt/vol: 4.00 (g/mL) G Lab File ID: Q0766.RR

Level: (low/med) MED Date Samp/Recv: 05/08/2007 05/09/2007

% Moisture: not dec. 36 Heated Purge: N Date Analyzed: 05/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	1900	U
75-71-8	Dichlorodifluoromethane	1900	U
75-69-4	Trichlorofluoromethane	1900	U
79-20-9	Methyl acetate	1900	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1900	U
110-82-7	Cyclohexane	1900	U
108-87-2	Methylcyclohexane	1900	U
106-93-4	1,2-Dibromoethane	1900	U
98-82-8	Isopropylbenzene	1900	U
541-73-1	1,3-Dichlorobenzene	1900	U
106-46-7	1,4-Dichlorobenzene	1900	U
95-50-1	1,2-Dichlorobenzene	1900	U
96-12-8	1,2-Dibromo-3-chloropropane	1900	U
120-82-1	1,2,4-Trichlorobenzene	1900	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB3-21-16.9-20.9 DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7494812DL

Sample wt/vol: 4.00 (g/mL) G Lab File ID: Q0766.RR

Level: (low/med) MED Date Samp/Recv: 05/08/2007 05/09/2007

% Moisture: not dec. 36.4 Date Analyzed: 05/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-22-16-20

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7494813

Sample wt/vol: 4.01 (g/mL) G Lab File ID: Q0767.RR

Level: (low/med) MED Date Samp/Recv: 05/08/2007 05/09/2007

% Moisture: not dec. 47 Heated Purge: N Date Analyzed: 05/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	2200	U
74-83-9	Bromomethane	2200	U
75-01-4	Vinyl chloride	2200	U
75-00-3	Chloroethane	2200	U
75-09-2	Methylene chloride	2200	U
67-64-1	Acetone	13000	
75-15-0	Carbon Disulfide	2200	U
75-35-4	1,1-Dichloroethene	2200	U
75-34-3	1,1-Dichloroethane	2200	U
67-66-3	Chloroform	2200	U
107-06-2	1,2-Dichloroethane	2200	U
78-93-3	2-Butanone	4400	
71-55-6	1,1,1-Trichloroethane	2200	U
56-23-5	Carbon Tetrachloride	2200	U
75-27-4	Bromodichloromethane	2200	U
78-87-5	1,2-Dichloropropane	2200	U
10061-01-5	cis-1,3-Dichloropropene	2200	U
79-01-6	Trichloroethene	2200	U
124-48-1	Dibromochloromethane	2200	U
79-00-5	1,1,2-Trichloroethane	2200	U
71-43-2	Benzene	2200	U
10061-02-6	trans-1,3-Dichloropropene	2200	U
75-25-2	Bromoform	2200	U
108-10-1	4-Methyl-2-pentanone	2200	U
591-78-6	2-Hexanone	2200	U
127-18-4	Tetrachloroethene	1600	J
108-88-3	Toluene	2200	U
79-34-5	1,1,2,2-Tetrachloroethane	2200	U
108-90-7	Chlorobenzene	2200	U
100-41-4	Ethylbenzene	2200	U
100-42-5	Styrene	2200	U
1330-20-7	Total Xylenes	2200	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2200	U
156-59-2	cis-1,2-Dichloroethene	2200	U

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-22-16-20

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7494813

Sample wt/vol: 4.01 (g/mL) G Lab File ID: Q0767.RR

Level: (low/med) MED Date Samp/Recv: 05/08/2007 05/09/2007

% Moisture: not dec. 47 Heated Purge: N Date Analyzed: 05/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	2200	U
75-71-8	Dichlorodifluoromethane	2200	U
75-69-4	Trichlorofluoromethane	2200	U
79-20-9	Methyl acetate	2200	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	2200	U
110-82-7	Cyclohexane	2200	U
108-87-2	Methylcyclohexane	2200	U
106-93-4	1,2-Dibromoethane	2200	U
98-82-8	Isopropylbenzene	2200	U
541-73-1	1,3-Dichlorobenzene	2200	U
106-46-7	1,4-Dichlorobenzene	2200	U
95-50-1	1,2-Dichlorobenzene	2200	U
96-12-8	1,2-Dibromo-3-chloropropane	2200	U
120-82-1	1,2,4-Trichlorobenzene	2200	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB3-22-16-20

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7494813

Sample wt/vol: 4.01 (g/mL) G Lab File ID: Q0767.RR

Level: (low/med) MED Date Samp/Recv: 05/08/2007 05/09/2007

% Moisture: not dec. 46.5 Date Analyzed: 05/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-23-16.6-20.6

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7494810

Sample wt/vol: 4.11 (g/mL) G Lab File ID: Q0764.RR

Level: (low/med) MED Date Samp/Recv: 05/08/2007 05/09/2007

% Moisture: not dec. 57 Heated Purge: N Date Analyzed: 05/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	2700	U
74-83-9	Bromomethane	2700	U
75-01-4	Vinyl chloride	2700	U
75-00-3	Chloroethane	2700	U
75-09-2	Methylene chloride	2700	U
67-64-1	Acetone	9500	
75-15-0	Carbon Disulfide	2700	U
75-35-4	1,1-Dichloroethene	2700	U
75-34-3	1,1-Dichloroethane	2700	U
67-66-3	Chloroform	2700	U
107-06-2	1,2-Dichloroethane	2700	U
78-93-3	2-Butanone	3100	
71-55-6	1,1,1-Trichloroethane	2700	U
56-23-5	Carbon Tetrachloride	2700	U
75-27-4	Bromodichloromethane	2700	U
78-87-5	1,2-Dichloropropane	2700	U
10061-01-5	cis-1,3-Dichloropropene	2700	U
79-01-6	Trichloroethene	1500	J
124-48-1	Dibromochloromethane	2700	U
79-00-5	1,1,2-Trichloroethane	2700	U
71-43-2	Benzene	2700	U
10061-02-6	trans-1,3-Dichloropropene	2700	U
75-25-2	Bromoform	2700	U
108-10-1	4-Methyl-2-pentanone	2700	U
591-78-6	2-Hexanone	2700	U
127-18-4	Tetrachloroethene	42000	
108-88-3	Toluene	2700	U
79-34-5	1,1,2,2-Tetrachloroethane	2700	U
108-90-7	Chlorobenzene	2700	U
100-41-4	Ethylbenzene	2700	U
100-42-5	Styrene	2700	U
1330-20-7	Total Xylenes	2700	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2700	U
156-59-2	cis-1,2-Dichloroethene	1200	J

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-23-16.6-20.6

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7494810

Sample wt/vol: 4.11 (g/mL) G Lab File ID: Q0764.RR

Level: (low/med) MED Date Samp/Recv: 05/08/2007 05/09/2007

% Moisture: not dec. 57 Heated Purge: N Date Analyzed: 05/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	2700	U
75-71-8	Dichlorodifluoromethane	2700	U
75-69-4	Trichlorofluoromethane	2700	U
79-20-9	Methyl acetate	2700	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	2700	U
110-82-7	Cyclohexane	2700	U
108-87-2	Methylcyclohexane	2700	U
106-93-4	1,2-Dibromoethane	2700	U
98-82-8	Isopropylbenzene	2700	U
541-73-1	1,3-Dichlorobenzene	2700	U
106-46-7	1,4-Dichlorobenzene	2700	U
95-50-1	1,2-Dichlorobenzene	2700	U
96-12-8	1,2-Dibromo-3-chloropropane	2700	U
120-82-1	1,2,4-Trichlorobenzene	2700	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB3-23-16.6-20.6

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7494810

Sample wt/vol: 4.11 (g/mL) G Lab File ID: Q0764.RR

Level: (low/med) MED Date Samp/Recv: 05/08/2007 05/09/2007

% Moisture: not dec. 56.6 Date Analyzed: 05/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-24-16.9-20.9

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7494809

Sample wt/vol: 4.05 (g/mL) G Lab File ID: Q0763.RR

Level: (low/med) MED Date Samp/Recv: 05/08/2007 05/09/2007

% Moisture: not dec. 46 Heated Purge: N Date Analyzed: 05/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	2200	U
74-83-9	Bromomethane	2200	U
75-01-4	Vinyl chloride	2200	U
75-00-3	Chloroethane	2200	U
75-09-2	Methylene chloride	2200	U
67-64-1	Acetone	7200	
75-15-0	Carbon Disulfide	2200	U
75-35-4	1,1-Dichloroethene	2200	U
75-34-3	1,1-Dichloroethane	2200	U
67-66-3	Chloroform	2200	U
107-06-2	1,2-Dichloroethane	2200	U
78-93-3	2-Butanone	3000	
71-55-6	1,1,1-Trichloroethane	2200	U
56-23-5	Carbon Tetrachloride	2200	U
75-27-4	Bromodichloromethane	2200	U
78-87-5	1,2-Dichloropropane	2200	U
10061-01-5	cis-1,3-Dichloropropene	2200	U
79-01-6	Trichloroethene	770	J
124-48-1	Dibromochloromethane	2200	U
79-00-5	1,1,2-Trichloroethane	2200	U
71-43-2	Benzene	2200	U
10061-02-6	trans-1,3-Dichloropropene	2200	U
75-25-2	Bromoform	2200	U
108-10-1	4-Methyl-2-pentanone	2200	U
591-78-6	2-Hexanone	2200	U
127-18-4	Tetrachloroethene	8000	
108-88-3	Toluene	2200	U
79-34-5	1,1,2,2-Tetrachloroethane	2200	U
108-90-7	Chlorobenzene	2200	U
100-41-4	Ethylbenzene	2200	U
100-42-5	Styrene	2200	U
1330-20-7	Total Xylenes	2200	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2200	U
156-59-2	cis-1,2-Dichloroethene	430	J

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-24-16.9-20.9

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7494809

Sample wt/vol: 4.05 (g/mL) G Lab File ID: Q0763.RR

Level: (low/med) MED Date Samp/Recv: 05/08/2007 05/09/2007

% Moisture: not dec. 46 Heated Purge: N Date Analyzed: 05/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	2200	U
75-71-8	Dichlorodifluoromethane	2200	U
75-69-4	Trichlorofluoromethane	2200	U
79-20-9	Methyl acetate	2200	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	2200	U
110-82-7	Cyclohexane	2200	U
108-87-2	Methylcyclohexane	2200	U
106-93-4	1,2-Dibromoethane	2200	U
98-82-8	Isopropylbenzene	2200	U
541-73-1	1,3-Dichlorobenzene	2200	U
106-46-7	1,4-Dichlorobenzene	2200	U
95-50-1	1,2-Dichlorobenzene	2200	U
96-12-8	1,2-Dibromo-3-chloropropane	2200	U
120-82-1	1,2,4-Trichlorobenzene	2200	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB3-24-16.9-20.9

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7494809

Sample wt/vol: 4.05 (g/mL) G Lab File ID: Q0763.RR

Level: (low/med) MED Date Samp/Recv: 05/08/2007 05/09/2007

% Moisture: not dec. 45.8 Date Analyzed: 05/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-25-15.8-19.8

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7494801

Sample wt/vol: 4.06 (g/mL) G Lab File ID: Q0753.RR

Level: (low/med) MED Date Samp/Recv: 05/07/2007 05/09/2007

% Moisture: not dec. 41 Heated Purge: N Date Analyzed: 05/09/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 20.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	40000	U
74-83-9	Bromomethane	40000	U
75-01-4	Vinyl chloride	40000	U
75-00-3	Chloroethane	40000	U
75-09-2	Methylene chloride	40000	U
67-64-1	Acetone	40000	U
75-15-0	Carbon Disulfide	40000	U
75-35-4	1,1-Dichloroethene	40000	U
75-34-3	1,1-Dichloroethane	40000	U
67-66-3	Chloroform	40000	U
107-06-2	1,2-Dichloroethane	40000	U
78-93-3	2-Butanone	40000	U
71-55-6	1,1,1-Trichloroethane	40000	U
56-23-5	Carbon Tetrachloride	40000	U
75-27-4	Bromodichloromethane	40000	U
78-87-5	1,2-Dichloropropane	40000	U
10061-01-5	cis-1,3-Dichloropropene	40000	U
79-01-6	Trichloroethene	21000	J
124-48-1	Dibromochloromethane	40000	U
79-00-5	1,1,2-Trichloroethane	40000	U
71-43-2	Benzene	40000	U
10061-02-6	trans-1,3-Dichloropropene	40000	U
75-25-2	Bromoform	40000	U
108-10-1	4-Methyl-2-pentanone	40000	U
591-78-6	2-Hexanone	40000	U
127-18-4	Tetrachloroethene	720000	
108-88-3	Toluene	40000	U
79-34-5	1,1,2,2-Tetrachloroethane	40000	U
108-90-7	Chlorobenzene	40000	U
100-41-4	Ethylbenzene	40000	U
100-42-5	Styrene	40000	U
1330-20-7	Total Xylenes	40000	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	40000	U
156-59-2	cis-1,2-Dichloroethene	40000	U

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-25-15.8-19.8

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7494801

Sample wt/vol: 4.06 (g/mL) G Lab File ID: Q0753.RR

Level: (low/med) MED Date Samp/Recv: 05/07/2007 05/09/2007

% Moisture: not dec. 41 Heated Purge: N Date Analyzed: 05/09/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 20.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	40000	U
75-71-8	Dichlorodifluoromethane	40000	U
75-69-4	Trichlorofluoromethane	40000	U
79-20-9	Methyl acetate	40000	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	40000	U
110-82-7	Cyclohexane	40000	U
108-87-2	Methylcyclohexane	40000	U
106-93-4	1,2-Dibromoethane	40000	U
98-82-8	Isopropylbenzene	40000	U
541-73-1	1,3-Dichlorobenzene	40000	U
106-46-7	1,4-Dichlorobenzene	40000	U
95-50-1	1,2-Dichlorobenzene	40000	U
96-12-8	1,2-Dibromo-3-chloropropane	40000	U
120-82-1	1,2,4-Trichlorobenzene	40000	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB3-25-15.8-19.8

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7494801

Sample wt/vol: 4.06 (g/mL) G Lab File ID: Q0753.RR

Level: (low/med) MED Date Samp/Recv: 05/07/2007 05/09/2007

% Moisture: not dec. 40.9 Date Analyzed: 05/09/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 20.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-5-7-11

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7494804

Sample wt/vol: 1.04 (g/mL) G Lab File ID: P8621.RR

Level: (low/med) LOW Date Samp/Recv: 05/07/2007 05/09/2007

% Moisture: not dec. 51 Heated Purge: Y Date Analyzed: 05/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	98	U
74-83-9	Bromomethane	98	U
75-01-4	Vinyl chloride	98	U
75-00-3	Chloroethane	98	U
75-09-2	Methylene chloride	100	B U
67-64-1	Acetone	12000	BE J
75-15-0	Carbon Disulfide	19	J
75-35-4	1,1-Dichloroethene	98	U
75-34-3	1,1-Dichloroethane	98	U
67-66-3	Chloroform	98	U
107-06-2	1,2-Dichloroethane	98	U
78-93-3	2-Butanone	2600	E J
71-55-6	1,1,1-Trichloroethane	98	U
56-23-5	Carbon Tetrachloride	98	U
75-27-4	Bromodichloromethane	98	U
78-87-5	1,2-Dichloropropane	98	U
10061-01-5	cis-1,3-Dichloropropene	98	U
79-01-6	Trichloroethene	18	J
124-48-1	Dibromochloromethane	98	U
79-00-5	1,1,2-Trichloroethane	98	U
71-43-2	Benzene	98	U
10061-02-6	trans-1,3-Dichloropropene	98	U
75-25-2	Bromoform	98	U
108-10-1	4-Methyl-2-pentanone	98	U
591-78-6	2-Hexanone	98	U
127-18-4	Tetrachloroethene	130	
108-88-3	Toluene	13	J
79-34-5	1,1,2,2-Tetrachloroethane	98	U
108-90-7	Chlorobenzene	98	U
100-41-4	Ethylbenzene	98	U
100-42-5	Styrene	98	U
1330-20-7	Total Xylenes	98	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	98	U
156-59-2	cis-1,2-Dichloroethene	26	J

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-5-7-11

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7494804

Sample wt/vol: 1.04 (g/mL) G Lab File ID: P8621.RR

Level: (low/med) LOW Date Samp/Recv: 05/07/2007 05/09/2007

% Moisture: not dec. 51 Heated Purge: Y Date Analyzed: 05/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	98	U
75-71-8	Dichlorodifluoromethane	98	U
75-69-4	Trichlorofluoromethane	98	U
79-20-9	Methyl acetate	98	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	98	U
110-82-7	Cyclohexane	98	U
108-87-2	Methylcyclohexane	98	U
106-93-4	1,2-Dibromoethane	98	U
98-82-8	Isopropylbenzene	98	U
541-73-1	1,3-Dichlorobenzene	98	U
106-46-7	1,4-Dichlorobenzene	98	U
95-50-1	1,2-Dichlorobenzene	98	U
96-12-8	1,2-Dibromo-3-chloropropane	98	U
120-82-1	1,2,4-Trichlorobenzene	98	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB3-5-7-11

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7494804

Sample wt/vol: 1.04 (g/mL) G Lab File ID: P8621.RR

Level: (low/med) LOW Date Samp/Recv: 05/07/2007 05/09/2007

% Moisture: not dec. 50.9 Date Analyzed: 05/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 3 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	4.68	77	J
2. 78-84-2	2-METHYL-PROPANAL	7.39	61	JN
3. 110-54-3	HEXANE	7.49	100	JN

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-5-7-11 DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7494804DL

Sample wt/vol: 4.01 (g/mL) G Lab File ID: Q0756.RR

Level: (low/med) MED Date Samp/Recv: 05/07/2007 05/09/2007

% Moisture: not dec. 51 Heated Purge: N Date Analyzed: 05/09/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	2400	U
74-83-9	Bromomethane	2400	U
75-01-4	Vinyl chloride	2400	U
75-00-3	Chloroethane	2400	U
75-09-2	Methylene chloride	2400	U
67-64-1	Acetone	4800	D
75-15-0	Carbon Disulfide	2400	U
75-35-4	1,1-Dichloroethene	2400	U
75-34-3	1,1-Dichloroethane	2400	U
67-66-3	Chloroform	2400	U
107-06-2	1,2-Dichloroethane	2400	U
78-93-3	2-Butanone	1500	DJ
71-55-6	1,1,1-Trichloroethane	2400	U
56-23-5	Carbon Tetrachloride	2400	U
75-27-4	Bromodichloromethane	2400	U
78-87-5	1,2-Dichloropropane	2400	U
10061-01-5	cis-1,3-Dichloropropene	2400	U
79-01-6	Trichloroethene	2400	U
124-48-1	Dibromochloromethane	2400	U
79-00-5	1,1,2-Trichloroethane	2400	U
71-43-2	Benzene	2400	U
10061-02-6	trans-1,3-Dichloropropene	2400	U
75-25-2	Bromoform	2400	U
108-10-1	4-Methyl-2-pentanone	2400	U
591-78-6	2-Hexanone	2400	U
127-18-4	Tetrachloroethene	300	DJ
108-88-3	Toluene	2400	U
79-34-5	1,1,2,2-Tetrachloroethane	2400	U
108-90-7	Chlorobenzene	2400	U
100-41-4	Ethylbenzene	2400	U
100-42-5	Styrene	2400	U
1330-20-7	Total Xylenes	2400	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2400	U
156-59-2	cis-1,2-Dichloroethene	2400	U

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-5-7-11 DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7494804DL

Sample wt/vol: 4.01 (g/mL) G Lab File ID: Q0756.RR

Level: (low/med) MED Date Samp/Recv: 05/07/2007 05/09/2007

% Moisture: not dec. 51 Heated Purge: N Date Analyzed: 05/09/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	2400	U
75-71-8	Dichlorodifluoromethane	2400	U
75-69-4	Trichlorofluoromethane	2400	U
79-20-9	Methyl acetate	2400	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	2400	U
110-82-7	Cyclohexane	2400	U
108-87-2	Methylcyclohexane	2400	U
106-93-4	1,2-Dibromoethane	2400	U
98-82-8	Isopropylbenzene	2400	U
541-73-1	1,3-Dichlorobenzene	2400	U
106-46-7	1,4-Dichlorobenzene	2400	U
95-50-1	1,2-Dichlorobenzene	2400	U
96-12-8	1,2-Dibromo-3-chloropropane	2400	U
120-82-1	1,2,4-Trichlorobenzene	2400	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB3-5-7-11 DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7494804DL

Sample wt/vol: 4.01 (g/mL) G Lab File ID: Q0756.RR

Level: (low/med) MED Date Samp/Recv: 05/07/2007 05/09/2007

% Moisture: not dec. 50.9 Date Analyzed: 05/09/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-6-7-11

Lab Name: SIL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7494803

Sample wt/vol: 4.00 (g/mL) G Lab File ID: Q0755.RR

Level: (low/med) MED Date Samp/Recv: 05/07/2007 05/09/2007

% Moisture: not dec. 65 Heated Purge: N Date Analyzed: 05/09/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	3500	U
74-83-9	Bromomethane	3500	U
75-01-4	Vinyl chloride	3500	U
75-00-3	Chloroethane	3500	U
75-09-2	Methylene chloride	3500	U
67-64-1	Acetone	14000	
75-15-0	Carbon Disulfide	3500	U
75-35-4	1,1-Dichloroethene	3500	U
75-34-3	1,1-Dichloroethane	3500	U
67-66-3	Chloroform	3500	U
107-06-2	1,2-Dichloroethane	3500	U
78-93-3	2-Butanone	3500	
71-55-6	1,1,1-Trichloroethane	3500	U
56-23-5	Carbon Tetrachloride	3500	U
75-27-4	Bromodichloromethane	3500	U
78-87-5	1,2-Dichloropropane	3500	U
10061-01-5	cis-1,3-Dichloropropene	3500	U
79-01-6	Trichloroethene	3500	U
124-48-1	Dibromochloromethane	3500	U
79-00-5	1,1,2-Trichloroethane	3500	U
71-43-2	Benzene	3500	U
10061-02-6	trans-1,3-Dichloropropene	3500	U
75-25-2	Bromoform	3500	U
108-10-1	4-Methyl-2-pentanone	3500	U
591-78-6	2-Hexanone	3500	U
127-18-4	Tetrachloroethene	1100	J
108-88-3	Toluene	3500	U
79-34-5	1,1,2,2-Tetrachloroethane	3500	U
108-90-7	Chlorobenzene	3500	U
100-41-4	Ethylbenzene	3500	U
100-42-5	Styrene	3500	U
1330-20-7	Total Xylenes	3500	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	3500	U
156-59-2	cis-1,2-Dichloroethene	3500	U

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-6-7-11

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7494803

Sample wt/vol: 4.00 (g/mL) G Lab File ID: Q0755.RR

Level: (low/med) MED Date Samp/Recv: 05/07/2007 05/09/2007

% Moisture: not dec. 65 Heated Purge: N Date Analyzed: 05/09/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	3500	U
75-71-8	Dichlorodifluoromethane	3500	U
75-69-4	Trichlorofluoromethane	3500	U
79-20-9	Methyl acetate	3500	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	3500	U
110-82-7	Cyclohexane	3500	U
108-87-2	Methylcyclohexane	3500	U
106-93-4	1,2-Dibromoethane	3500	U
98-82-8	Isopropylbenzene	3500	U
541-73-1	1,3-Dichlorobenzene	3500	U
106-46-7	1,4-Dichlorobenzene	3500	U
95-50-1	1,2-Dichlorobenzene	3500	U
96-12-8	1,2-Dibromo-3-chloropropane	3500	U
120-82-1	1,2,4-Trichlorobenzene	3500	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB3-6-7-11

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7494803

Sample wt/vol: 4.00 (g/mL) G Lab File ID: Q0755.RR

Level: (low/med) MED Date Samp/Recv: 05/07/2007 05/09/2007

% Moisture: not dec. 65.4 Date Analyzed: 05/09/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

ALPHA
GEOSCIENCE
Geology
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Remediation
Water Supply

Data Usability Summary Report for
STL Buffalo, Job No. A07-5164

1 Soil Sample
Collected May 7, 2007

Prepared by: Donald Anné
October 2, 2007

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contains the results for 1 soil sample analyzed for volatiles.

The overall performances of the analyses are acceptable. STL Buffalo did fulfill the requirements of the analytical method.

The data are acceptable with some minor issues that are identified in the accompanying data validation review. The following data were flagged:

- The positive volatile result for acetone was flagged as "estimated" (J) in sample VB3-11-10.5-14.5 because the average RRF and RRF50 for acetone were below the allowable minimum in the associated initial and continuing calibrations.

All data are considered usable, with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation review.

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ALPHA
GEOSCIENCE
Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Volatiles Data
for STL Buffalo, Job No. A07-5164

1 Soil Sample
Collected May 7, 2007

Prepared by: Donald Anné
October 2, 2007

Holding Times: Sample VB3-11-10.5-14.5 was analyzed within NYSDEC ASP holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The RRFs for SPCC compounds were above the minimums and the %RSDs for CCC compounds were below the maximums for method 8260B.

The %RSDs for target compounds were below the allowable maximum (30%), as required.

The average RRF for acetone (0.0220) was below the allowable minimum (0.050) for HP5973F on 05-14-07. Positive results for acetone should be considered estimated (J) and negative results unusable (R) in associated samples.

Continuing Calibration: The RRF50s for SPCC compounds were above the minimums and the %Ds for CCC compounds were below the maximums for method 8260B.

The %Ds for target compounds were below the allowable maximum (25%), as required.

The RRF50 for acetone (0.0209) was below the allowable minimum (0.050) on 05-14-07 (F5996.RR). Positive results for acetone should be considered estimated (J) and negative results unusable (R) in associated samples.

Blanks: Method blank VBLK24 contained traces of acetone methylene chloride (2 ug/kg) and 1,2,4-trichlorobenzene (1 ug/kg). Results for methylene chloride that are less than ten times the method blank level should be reported as not detected (U) in associated samples. Results for 1,2,4-trichlorobenzene that are less than five times the method blank level should be reported as not detected (U) in associated samples.

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Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Surrogate Recovery: The surrogate recoveries was within control limits for sample VB3-11-10.5-14.5.

Matrix Spike/Matrix Spike Duplicate: MS/MSD data were not provided in this data pack. No action is taken on MS/MSD data alone to qualify or reject an entire set of samples.

Matrix Spike Blank: The percent recoveries were within QC limits for sample VBLK24.

Compound ID: Checked compounds were within GC quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A7488403	VB3-11-10.5-14.5	SOIL	05/07/2007	14:40	05/08/2007	09:15

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

VB3-11-10.5-14.5

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7488403

Sample wt/vol: 1.16 (g/mL) G Lab File ID: F6005.RR

Level: (low/med) LOW Date Samp/Recv: 05/07/2007 05/08/2007

% Moisture: not dec. 35 Heated Purge: Y Date Analyzed: 05/14/2007

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
67-64-1	Acetone	3200	J
71-43-2	Benzene	33	U
75-27-4	Bromodichloromethane	33	U
75-25-2	Bromoform	33	U
74-83-9	Bromomethane	33	U
78-93-3	2-Butanone	660	
75-15-0	Carbon Disulfide	11	J
56-23-5	Carbon Tetrachloride	33	U
108-90-7	Chlorobenzene	33	U
75-00-3	Chloroethane	33	U
67-66-3	Chloroform	33	U
74-87-3	Chloromethane	33	U
110-82-7	Cyclohexane	33	U
106-93-4	1,2-Dibromoethane	33	U
124-48-1	Dibromochloromethane	33	U
96-12-8	1,2-Dibromo-3-chloropropane	33	U
95-50-1	1,2-Dichlorobenzene	33	U
541-73-1	1,3-Dichlorobenzene	33	U
106-46-7	1,4-Dichlorobenzene	33	U
75-71-8	Dichlorodifluoromethane	33	U
75-34-3	1,1-Dichloroethane	33	U
107-06-2	1,2-Dichloroethane	33	U
75-35-4	1,1-Dichloroethene	33	U
156-59-2	cis-1,2-Dichloroethene	33	U
156-60-5	trans-1,2-Dichloroethene	33	U
78-87-5	1,2-Dichloropropane	33	U
10061-01-5	cis-1,3-Dichloropropene	33	U
10061-02-6	trans-1,3-Dichloropropene	33	U
100-41-4	Ethylbenzene	33	U
591-78-6	2-Hexanone	160	U
98-82-8	Isopropylbenzene	33	U
79-20-9	Methyl acetate	33	U
108-87-2	Methylcyclohexane	33	U
75-09-2	Methylene chloride	34	B

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

VB3-11-10.5-14.5

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7488403

Sample wt/vol: 1.16 (g/mL) G Lab File ID: F6005.RR

Level: (low/med) LOW Date Samp/Recv: 05/07/2007 05/08/2007

% Moisture: not dec. 35 Heated Purge: Y Date Analyzed: 05/14/2007

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-10-1	4-Methyl-2-pentanone	160	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	33	U
100-42-5	Styrene	33	U
79-34-5	1,1,2,2-Tetrachloroethane	33	U
127-18-4	Tetrachloroethene	160	
108-88-3	Toluene	33	U
120-82-1	1,2,4-Trichlorobenzene	33	U
71-55-6	1,1,1-Trichloroethane	33	U
79-00-5	1,1,2-Trichloroethane	33	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	33	U
75-69-4	Trichlorofluoromethane	33	U
79-01-6	Trichloroethene	33	U
75-01-4	Vinyl chloride	66	U
1330-20-7	Total Xylenes	99	U

ALPHA
GEOSCIENCE
Geology
Hydrology
Remediation
Water Supply

Data Usability Summary Report for
STL Buffalo, Job No. A07-5023

6 Soil Samples, 1 MS/MSD,
and 1 Holding Blank
Collected May 8, 2007

Prepared by: Donald Anné
October 2, 2007

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contains the results for 6 soil samples, 1 MS/MSD, and 1 holding blank analyzed for volatiles.

The overall performances of the analyses are acceptable. STL Buffalo did fulfill the requirements of the analytical method.

The data are acceptable with some minor issues that are identified in the accompanying data validation review. The following data were flagged:

- Volatile results for 2 compounds in sample V3D-4-10.75-14.75 and the result for tetrachloroethene in samples V3D-3-14.3-18.3 and V3D-1-15.1-19.1 were quantitated using data that were extrapolated beyond the highest calibration standard and flagged "E" by the laboratory. The results for these compounds were qualified as estimated (J) in the undiluted samples. It is recommended that the diluted results be used for those compounds.

- The positive volatile result for acetone was flagged as "estimated" (J) in sample VB3-4-10.75-14.75 because the %RSD and %D for acetone were above the allowable maximums in the associated initial and continuing calibrations.

All data are considered usable, with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation review.

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ALPHA
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Geology
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QA/QC Review of Volatiles Data
for STL Buffalo, Job No. A07-5023

6 Soil Samples, 1 MS/MSD,
and 1 Holding Blank
Collected May 8, 2007

Prepared by: Donald Anné
October 2, 2007

Holding Times: Samples were analyzed within NYSDEC ASP holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The %RSD for 1,2,4-trichlorobenzene (25.0%) was above the ASP maximum (20.5%) for HP5973Q on 05-08-07. The RRFs for trichloroethene (0.284, 0.247, 0.247, and 0.227) were below the ASP minimum (0.300) for HP5973P on 05-10-07. No action is taken on two or fewer compounds per calibration outside ASP requirements, provided %RSDs are not greater than 40% and RRFs are not less than 0.010.

The average RRFs for target compounds were above the allowable minimum (0.050), as required.

The %RSD for acetone (48.6%) was above the allowable maximum (30%) for HP5973P on 05-10-07. Positive results for acetone should be considered estimates (J) in associated samples.

Continuing Calibration: The %D for bromomethane (33.9%) was above the ASP maximum (25%) on 05-10-07 (Q0779.RR). The %D for bromomethane (29.9%) was above the ASP maximum (25%) and the RRF50 for trichloroethene (0.2758) was below the ASP minimum (0.300) on 05-11-07 (P8626.RR). No action is taken on two or fewer compounds per calibration outside ASP requirements, provided %Ds are not greater than 40% and RRF50s are not less than 0.010.

The RRF50s for target compounds were above the allowable minimum (0.050), as required.

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The %D for bromomethane (33.9%) was above the allowable maximum (25%) on 05-10-07 (Q0779.RR). The %Ds for bromomethane (29.9%) and acetone (31.5%) were above the allowable maximum (25%) on 05-11-07 (P8626.RR). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: The analyses of methanol and holding blanks reported target compounds as not detected. Method blank VBLK46 contained a trace of acetone (9 ug/kg). Results for acetone that are less than ten times the method blank level should be reported as not detected (U) in associated samples.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Surrogate Recovery: The surrogate recoveries were within control limits for the soil samples.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences were below the allowable maximums and the percent recoveries were within control limits for MS/MSD samples V3D-3-14.3-19.1, V3D-4-10.75-14.75, and V3D-1-15.1-19.1.

Matrix Spike Blank: The percent recoveries were within QC limits for samples VBLK46, VBLK58, and VBLK59.

Compound ID: Checked compounds were within GC quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

The results for 2 volatile compounds in sample V3D-4-10.75-14.75 and the result for tetrachloroethene in samples V3D-3-14.3-18.3 and V3D-1-15.1-19.1 were quantitated by extrapolating data above the highest calibration standard and marked 'E' by the laboratory. The samples were diluted by the laboratory and re-analyzed; therefore, the results for these compounds that are flagged as 'E' in the undiluted samples should be considered estimated (J) and the use of the diluted results for these compounds is recommended. It is recommended that the undiluted results be used for all other compounds.

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A7502306	V3D-1-15.1-19.1	SOIL	05/08/2007	14:00	05/10/2007	09:00
A7502306MS	V3D-1-15.1-19.1	SOIL	05/08/2007	14:00	05/10/2007	09:00
A7502306SD	V3D-1-15.1-19.1	SOIL	05/08/2007	14:00	05/10/2007	09:00
A7502303	V3D-3-14.3-18.3	SOIL	05/08/2007	11:50	05/10/2007	09:00
A7502305	V3D-4-10.75-14.75	SOIL	05/08/2007	12:45	05/10/2007	09:00
A7502304	V3D-5-14.4-18.4	SOIL	05/08/2007	12:10	05/10/2007	09:00
A7502302	VB3-12-14.8-18.8	SOIL	05/08/2007	10:30	05/10/2007	09:00
A7502301	VB3-18-14.9-18.9	SOIL	05/08/2007	18:45	05/10/2007	09:00
A7502307	vhb	WATER	05/10/2007		05/10/2007	09:00

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

V3D-1-15.1-19.1

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7502306

Sample wt/vol: 4.10 (g/mL) G Lab File ID: Q0788.RR

Level: (low/med) MED Date Samp/Recv: 05/08/2007 05/10/2007

% Moisture: not dec. 47 Heated Purge: N Date Analyzed: 05/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	2200	U
74-83-9	Bromomethane	2200	U
75-01-4	Vinyl chloride	2200	U
75-00-3	Chloroethane	2200	U
75-09-2	Methylene chloride	2200	U
67-64-1	Acetone	22000	
75-15-0	Carbon Disulfide	2200	U
75-35-4	1,1-Dichloroethene	2200	U
75-34-3	1,1-Dichloroethane	2200	U
67-66-3	Chloroform	2200	U
107-06-2	1,2-Dichloroethane	2200	U
78-93-3	2-Butanone	7900	
71-55-6	1,1,1-Trichloroethane	2200	U
56-23-5	Carbon Tetrachloride	2200	U
75-27-4	Bromodichloromethane	2200	U
78-87-5	1,2-Dichloropropane	2200	U
10061-01-5	cis-1,3-Dichloropropene	2200	U
79-01-6	Trichloroethene	1400	J
124-48-1	Dibromochloromethane	2200	U
79-00-5	1,1,2-Trichloroethane	2200	U
71-43-2	Benzene	2200	U
10061-02-6	trans-1,3-Dichloropropene	2200	U
75-25-2	Bromoform	2200	U
108-10-1	4-Methyl-2-pentanone	2200	U
591-78-6	2-Hexanone	2200	U
127-18-4	Tetrachloroethene	230000	E J
108-88-3	Toluene	2200	U
79-34-5	1,1,2,2-Tetrachloroethane	2200	U
108-90-7	Chlorobenzene	2200	U
100-41-4	Ethylbenzene	2200	U
100-42-5	Styrene	2200	U
1330-20-7	Total Xylenes	2200	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2200	U
156-59-2	cis-1,2-Dichloroethene	2200	U

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

V3D-1-15.1-19.1

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7502306

Sample wt/vol: 4.10 (g/mL) G Lab File ID: Q0788.RR

Level: (low/med) MED Date Samp/Recv: 05/08/2007 05/10/2007

% Moisture: not dec. 47 Heated Purge: N Date Analyzed: 05/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	2200	U
75-71-8	Dichlorodifluoromethane	2200	U
75-69-4	Trichlorofluoromethane	2200	U
79-20-9	Methyl acetate	2200	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	2200	U
110-82-7	Cyclohexane	2200	U
108-87-2	Methylcyclohexane	2200	U
106-93-4	1,2-Dibromoethane	2200	U
98-82-8	Isopropylbenzene	2200	U
541-73-1	1,3-Dichlorobenzene	2200	U
106-46-7	1,4-Dichlorobenzene	2200	U
95-50-1	1,2-Dichlorobenzene	2200	U
96-12-8	1,2-Dibromo-3-chloropropane	2200	U
120-82-1	1,2,4-Trichlorobenzene	2200	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

V3D-1-15.1-19.1

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7502306

Sample wt/vol: 4.10 (g/mL) G Lab File ID: Q0788.RR

Level: (low/med) MED Date Samp/Recv: 05/08/2007 05/10/2007

% Moisture: not dec. 46.8 Date Analyzed: 05/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 124-18-5	DECANE	9.09	2500	JN

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

V3D-1-15.1-19.1DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7502306DL

Sample wt/vol: 4.10 (g/mL) G Lab File ID: Q0802.RR

Level: (low/med) MED Date Samp/Recv: 05/08/2007 05/10/2007

% Moisture: not dec. 47 Heated Purge: N Date Analyzed: 05/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 10.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	22000	U
74-83-9	Bromomethane	22000	U
75-01-4	Vinyl chloride	22000	U
75-00-3	Chloroethane	22000	U
75-09-2	Methylene chloride	22000	U
67-64-1	Acetone	27000	D
75-15-0	Carbon Disulfide	22000	U
75-35-4	1,1-Dichloroethene	22000	U
75-34-3	1,1-Dichloroethane	22000	U
67-66-3	Chloroform	22000	U
107-06-2	1,2-Dichloroethane	22000	U
78-93-3	2-Butanone	10000	DJ
71-55-6	1,1,1-Trichloroethane	22000	U
56-23-5	Carbon Tetrachloride	22000	U
75-27-4	Bromodichloromethane	22000	U
78-87-5	1,2-Dichloropropane	22000	U
10061-01-5	cis-1,3-Dichloropropene	22000	U
79-01-6	Trichloroethene	22000	U
124-48-1	Dibromochloromethane	22000	U
79-00-5	1,1,2-Trichloroethane	22000	U
71-43-2	Benzene	22000	U
10061-02-6	trans-1,3-Dichloropropene	22000	U
75-25-2	Bromoform	22000	U
108-10-1	4-Methyl-2-pentanone	22000	U
591-78-6	2-Hexanone	22000	U
127-18-4	Tetrachloroethene	330000	D
108-88-3	Toluene	22000	U
79-34-5	1,1,2,2-Tetrachloroethane	22000	U
108-90-7	Chlorobenzene	22000	U
100-41-4	Ethylbenzene	22000	U
100-42-5	Styrene	22000	U
1330-20-7	Total Xylenes	22000	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	22000	U
156-59-2	cis-1,2-Dichloroethene	22000	U

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

V3D-1-15.1-19.1DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7502306DL

Sample wt/vol: 4.10 (g/mL) G Lab File ID: Q0802.RR

Level: (low/med) MED Date Samp/Recv: 05/08/2007 05/10/2007

% Moisture: not dec. 47 Heated Purge: N Date Analyzed: 05/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 10.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	22000	U
75-71-8	Dichlorodifluoromethane	22000	U
75-69-4	Trichlorofluoromethane	22000	U
79-20-9	Methyl acetate	22000	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	22000	U
110-82-7	Cyclohexane	22000	U
108-87-2	Methylcyclohexane	22000	U
106-93-4	1,2-Dibromoethane	22000	U
98-82-8	Isopropylbenzene	22000	U
541-73-1	1,3-Dichlorobenzene	22000	U
106-46-7	1,4-Dichlorobenzene	22000	U
95-50-1	1,2-Dichlorobenzene	22000	U
96-12-8	1,2-Dibromo-3-chloropropane	22000	U
120-82-1	1,2,4-Trichlorobenzene	22000	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

V3D-1-15.1-19.1DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7502306DL

Sample wt/vol: 4.10 (g/mL) G Lab File ID: Q0802.RR

Level: (low/med) MED Date Samp/Recv: 05/08/2007 05/10/2007

% Moisture: not dec. 46.8 Date Analyzed: 05/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 10.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

V3D-3-14.3-18.3

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7502303

Sample wt/vol: 4.08 (g/mL) G Lab File ID: Q0785.RR

Level: (low/med) MED Date Samp/Recv: 05/08/2007 05/10/2007

% Moisture: not dec. 42.8 Date Analyzed: 05/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

V3D-3-14.3-18.3

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7502303

Sample wt/vol: 4.08 (g/mL) G Lab File ID: Q0785.RR

Level: (low/med) MED Date Samp/Recv: 05/08/2007 05/10/2007

% Moisture: not dec. 43 Heated Purge: N Date Analyzed: 05/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	2000	U
75-71-8	Dichlorodifluoromethane	2000	U
75-69-4	Trichlorofluoromethane	2000	U
79-20-9	Methyl acetate	2000	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	2000	U
110-82-7	Cyclohexane	2000	U
108-87-2	Methylcyclohexane	360	J
106-93-4	1,2-Dibromoethane	2000	U
98-82-8	Isopropylbenzene	320	J
541-73-1	1,3-Dichlorobenzene	2000	U
106-46-7	1,4-Dichlorobenzene	2000	U
95-50-1	1,2-Dichlorobenzene	2000	U
96-12-8	1,2-Dibromo-3-chloropropane	2000	U
120-82-1	1,2,4-Trichlorobenzene	2000	U

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

V3D-3-14.3-18.3

Lab Name: SIL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7502303

Sample wt/vol: 4.08 (g/mL) G Lab File ID: Q0785.RR

Level: (low/med) MED Date Samp/Recv: 05/08/2007 05/10/2007

% Moisture: not dec. 43 Heated Purge: N Date Analyzed: 05/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	2000	U
74-83-9	Bromomethane	2000	U
75-01-4	Vinyl chloride	2000	U
75-00-3	Chloroethane	2000	U
75-09-2	Methylene chloride	2000	U
67-64-1	Acetone	8200	
75-15-0	Carbon Disulfide	2000	U
75-35-4	1,1-Dichloroethene	2000	U
75-34-3	1,1-Dichloroethane	2000	U
67-66-3	Chloroform	2000	U
107-06-2	1,2-Dichloroethane	2000	U
78-93-3	2-Butanone	3200	
71-55-6	1,1,1-Trichloroethane	2000	U
56-23-5	Carbon Tetrachloride	2000	U
75-27-4	Bromodichloromethane	2000	U
78-87-5	1,2-Dichloropropane	2000	U
10061-01-5	cis-1,3-Dichloropropene	2000	U
79-01-6	Trichloroethene	3600	
124-48-1	Dibromochloromethane	2000	U
79-00-5	1,1,2-Trichloroethane	2000	U
71-43-2	Benzene	2000	U
10061-02-6	trans-1,3-Dichloropropene	2000	U
75-25-2	Bromoform	2000	U
108-10-1	4-Methyl-2-pentanone	2000	U
591-78-6	2-Hexanone	2000	U
127-18-4	Tetrachloroethene	560000	E J
108-88-3	Toluene	970	J
79-34-5	1,1,2,2-Tetrachloroethane	2000	U
108-90-7	Chlorobenzene	2000	U
100-41-4	Ethylbenzene	2000	U
100-42-5	Styrene	2000	U
1330-20-7	Total Xylenes	1700	J
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2000	U
156-59-2	cis-1,2-Dichloroethene	760	J

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

V3D-3-14.3-18.3DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7502303DL

Sample wt/vol: 4.08 (g/mL) G Lab File ID: Q0800.RR

Level: (low/med) MED Date Samp/Recv: 05/08/2007 05/10/2007

% Moisture: not dec. 43 Heated Purge: N Date Analyzed: 05/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 40.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	82000	U
74-83-9	Bromomethane	82000	U
75-01-4	Vinyl chloride	82000	U
75-00-3	Chloroethane	82000	U
75-09-2	Methylene chloride	82000	U
67-64-1	Acetone	82000	U
75-15-0	Carbon Disulfide	82000	U
75-35-4	1,1-Dichloroethene	82000	U
75-34-3	1,1-Dichloroethane	82000	U
67-66-3	Chloroform	82000	U
107-06-2	1,2-Dichloroethane	82000	U
78-93-3	2-Butanone	82000	U
71-55-6	1,1,1-Trichloroethane	82000	U
56-23-5	Carbon Tetrachloride	82000	U
75-27-4	Bromodichloromethane	82000	U
78-87-5	1,2-Dichloropropane	82000	U
10061-01-5	cis-1,3-Dichloropropene	82000	U
79-01-6	Trichloroethene	82000	U
124-48-1	Dibromochloromethane	82000	U
79-00-5	1,1,2-Trichloroethane	82000	U
71-43-2	Benzene	82000	U
10061-02-6	trans-1,3-Dichloropropene	82000	U
75-25-2	Bromoform	82000	U
108-10-1	4-Methyl-2-pentanone	82000	U
591-78-6	2-Hexanone	82000	U
127-18-4	Tetrachloroethene	1700000	D
108-88-3	Toluene	82000	U
79-34-5	1,1,2,2-Tetrachloroethane	82000	U
108-90-7	Chlorobenzene	82000	U
100-41-4	Ethylbenzene	82000	U
100-42-5	Styrene	82000	U
1330-20-7	Total Xylenes	82000	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	82000	U
156-59-2	cis-1,2-Dichloroethene	82000	U

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

V3D-3-14.3-18.3DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7502303DL

Sample wt/vol: 4.08 (g/mL) G Lab File ID: Q0800.RR

Level: (low/med) MED Date Samp/Recv: 05/08/2007 05/10/2007

% Moisture: not dec. 43 Heated Purge: N Date Analyzed: 05/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 40.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	82000	U
75-71-8	Dichlorodifluoromethane	82000	U
75-69-4	Trichlorofluoromethane	82000	U
79-20-9	Methyl acetate	82000	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	82000	U
110-82-7	Cyclohexane	82000	U
108-87-2	Methylcyclohexane	82000	U
106-93-4	1,2-Dibromoethane	82000	U
98-82-8	Isopropylbenzene	82000	U
541-73-1	1,3-Dichlorobenzene	82000	U
106-46-7	1,4-Dichlorobenzene	82000	U
95-50-1	1,2-Dichlorobenzene	82000	U
96-12-8	1,2-Dibromo-3-chloropropane	82000	U
120-82-1	1,2,4-Trichlorobenzene	82000	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

V3D-3-14.3-18.3DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7502303DL

Sample wt/vol: 4.08 (g/mL) G Lab File ID: Q0800.RR

Level: (low/med) MED Date Samp/Recv: 05/08/2007 05/10/2007

% Moisture: not dec. 42.8 Date Analyzed: 05/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 40.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

V3D-4-10.75-14.75

Lab Name: SIL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7502305

Sample wt/vol: 1.03 (g/mL) G Lab File ID: P8630.RR

Level: (low/med) LOW Date Samp/Recv: 05/08/2007 05/10/2007

% Moisture: not dec. 39 Heated Purge: Y Date Analyzed: 05/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	80	U
74-83-9	Bromomethane	80	U
75-01-4	Vinyl chloride	9	J
75-00-3	Chloroethane	80	U
75-09-2	Methylene chloride	25	J
67-64-1	Acetone	8200	BE J
75-15-0	Carbon Disulfide	15	J
75-35-4	1,1-Dichloroethene	80	U
75-34-3	1,1-Dichloroethane	80	U
67-66-3	Chloroform	80	U
107-06-2	1,2-Dichloroethane	80	U
78-93-3	2-Butanone	3100	E J
71-55-6	1,1,1-Trichloroethane	80	U
56-23-5	Carbon Tetrachloride	80	U
75-27-4	Bromodichloromethane	80	U
78-87-5	1,2-Dichloropropane	80	U
10061-01-5	cis-1,3-Dichloropropene	80	U
79-01-6	Trichloroethene	80	U
124-48-1	Dibromochloromethane	80	U
79-00-5	1,1,2-Trichloroethane	80	U
71-43-2	Benzene	80	U
10061-02-6	trans-1,3-Dichloropropene	80	U
75-25-2	Bromoform	80	U
108-10-1	4-Methyl-2-pentanone	16	J
591-78-6	2-Hexanone	28	J
127-18-4	Tetrachloroethene	14	J
108-88-3	Toluene	46	J
79-34-5	1,1,2,2-Tetrachloroethane	80	U
108-90-7	Chlorobenzene	80	U
100-41-4	Ethylbenzene	80	U
100-42-5	Styrene	80	U
1330-20-7	Total Xylenes	77	J
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	80	U
156-59-2	cis-1,2-Dichloroethene	470	

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

V3D-4-10.75-14.75

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7502305

Sample wt/vol: 1.03 (g/mL) G Lab File ID: P8630.RR

Level: (low/med) LOW Date Samp/Recv: 05/08/2007 05/10/2007

% Moisture: not dec. 39 Heated Purge: Y Date Analyzed: 05/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	36	J
75-71-8	Dichlorodifluoromethane	80	U
75-69-4	Trichlorofluoromethane	80	U
79-20-9	Methyl acetate	80	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	80	U
110-82-7	Cyclohexane	80	U
108-87-2	Methylcyclohexane	80	U
106-93-4	1,2-Dibromoethane	80	U
98-82-8	Isopropylbenzene	80	U
541-73-1	1,3-Dichlorobenzene	80	U
106-46-7	1,4-Dichlorobenzene	80	U
95-50-1	1,2-Dichlorobenzene	80	U
96-12-8	1,2-Dibromo-3-chloropropane	80	U
120-82-1	1,2,4-Trichlorobenzene	80	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

V3D-4-10.75-14.75

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7502305

Sample wt/vol: 1.03 (g/mL) G Lab File ID: P8630.RR

Level: (low/med) LOW Date Samp/Recv: 05/08/2007 05/10/2007

% Moisture: not dec. 39.1 Date Analyzed: 05/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 6 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 75-18-3	DIMETHYL SULFIDE	6.42	46	JN
2. 534-22-5	2-METHYLFURAN	7.99	170	JN
3. 110-02-1	THIOPHENE	9.74	42	JN
4. 625-86-5	2,5-DIMETHYL FURAN	10.20	120	JN
5. 554-14-3	2-METHYL THIOPHENE	12.02	93	JN
6. 111-13-7	2-OCTANONE	16.57	54	JN

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

V3D-4-10.75-14.75DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7502305DL

Sample wt/vol: 4.17 (g/mL) G Lab File ID: Q0787.RR

Level: (low/med) MED Date Samp/Recv: 05/08/2007 05/10/2007

% Moisture: not dec. 39 Heated Purge: N Date Analyzed: 05/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	1900	U
74-83-9	Bromomethane	1900	U
75-01-4	Vinyl chloride	1900	U
75-00-3	Chloroethane	1900	U
75-09-2	Methylene chloride	1900	U
67-64-1	Acetone	3000	
75-15-0	Carbon Disulfide	1900	U
75-35-4	1,1-Dichloroethene	1900	U
75-34-3	1,1-Dichloroethane	1900	U
67-66-3	Chloroform	1900	U
107-06-2	1,2-Dichloroethane	1900	U
78-93-3	2-Butanone	1200	J
71-55-6	1,1,1-Trichloroethane	1900	U
56-23-5	Carbon Tetrachloride	1900	U
75-27-4	Bromodichloromethane	1900	U
78-87-5	1,2-Dichloropropane	1900	U
10061-01-5	cis-1,3-Dichloropropene	1900	U
79-01-6	Trichloroethene	1900	U
124-48-1	Dibromochloromethane	1900	U
79-00-5	1,1,2-Trichloroethane	1900	U
71-43-2	Benzene	1900	U
10061-02-6	trans-1,3-Dichloropropene	1900	U
75-25-2	Bromoform	1900	U
108-10-1	4-Methyl-2-pentanone	1900	U
591-78-6	2-Hexanone	1900	U
127-18-4	Tetrachloroethene	700	J
108-88-3	Toluene	1900	U
79-34-5	1,1,2,2-Tetrachloroethane	1900	U
108-90-7	Chlorobenzene	1900	U
100-41-4	Ethylbenzene	1900	U
100-42-5	Styrene	1900	U
1330-20-7	Total Xylenes	1900	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1900	U
156-59-2	cis-1,2-Dichloroethene	380	J

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

V3D-4-10.75-14.75DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7502305DL

Sample wt/vol: 4.17 (g/mL) G Lab File ID: Q0787.RR

Level: (low/med) MED Date Samp/Recv: 05/08/2007 05/10/2007

% Moisture: not dec. 39 Heated Purge: N Date Analyzed: 05/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	1900	U
75-71-8	Dichlorodifluoromethane	1900	U
75-69-4	Trichlorofluoromethane	1900	U
79-20-9	Methyl acetate	1900	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1900	U
110-82-7	Cyclohexane	1900	U
108-87-2	Methylcyclohexane	1900	U
106-93-4	1,2-Dibromoethane	1900	U
98-82-8	Isopropylbenzene	1900	U
541-73-1	1,3-Dichlorobenzene	1900	U
106-46-7	1,4-Dichlorobenzene	1900	U
95-50-1	1,2-Dichlorobenzene	1900	U
96-12-8	1,2-Dibromo-3-chloropropane	1900	U
120-82-1	1,2,4-Trichlorobenzene	1900	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

V3D-4-10.75-14.75DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7502305DL

Sample wt/vol: 4.17 (g/mL) G Lab File ID: Q0787.RR

Level: (low/med) MED Date Samp/Recv: 05/08/2007 05/10/2007

% Moisture: not dec. 39.1 Date Analyzed: 05/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

V3D-5-14.4-18.4

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7502304

Sample wt/vol: 4.15 (g/mL) G Lab File ID: Q0801.RR

Level: (low/med) MED Date Samp/Recv: 05/08/2007 05/10/2007

% Moisture: not dec. 36 Heated Purge: N Date Analyzed: 05/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 2.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	3600	U
74-83-9	Bromomethane	3600	U
75-01-4	Vinyl chloride	3600	U
75-00-3	Chloroethane	3600	U
75-09-2	Methylene chloride	390	J
67-64-1	Acetone	9200	
75-15-0	Carbon Disulfide	3600	U
75-35-4	1,1-Dichloroethene	3600	U
75-34-3	1,1-Dichloroethane	3600	U
67-66-3	Chloroform	3600	U
107-06-2	1,2-Dichloroethane	3600	U
78-93-3	2-Butanone	3900	
71-55-6	1,1,1-Trichloroethane	3600	U
56-23-5	Carbon Tetrachloride	3600	U
75-27-4	Bromodichloromethane	3600	U
78-87-5	1,2-Dichloropropane	3600	U
10061-01-5	cis-1,3-Dichloropropene	3600	U
79-01-6	Trichloroethene	860	J
124-48-1	Dibromochloromethane	3600	U
79-00-5	1,1,2-Trichloroethane	3600	U
71-43-2	Benzene	3600	U
10061-02-6	trans-1,3-Dichloropropene	3600	U
75-25-2	Bromoform	3600	U
108-10-1	4-Methyl-2-pentanone	3600	U
591-78-6	2-Hexanone	3600	U
127-18-4	Tetrachloroethene	67000	
108-88-3	Toluene	3600	U
79-34-5	1,1,2,2-Tetrachloroethane	3600	U
108-90-7	Chlorobenzene	3600	U
100-41-4	Ethylbenzene	3600	U
100-42-5	Styrene	3600	U
1330-20-7	Total Xylenes	3600	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	3600	U
156-59-2	cis-1,2-Dichloroethene	3600	U

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

V3D-5-14.4-18.4

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7502304

Sample wt/vol: 4.15 (g/mL) G Lab File ID: Q0801.RR

Level: (low/med) MED Date Samp/Recv: 05/08/2007 05/10/2007

% Moisture: not dec. 36 Heated Purge: N Date Analyzed: 05/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 2.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	3600	U
75-71-8	Dichlorodifluoromethane	3600	U
75-69-4	Trichlorofluoromethane	3600	U
79-20-9	Methyl acetate	3600	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	3600	U
110-82-7	Cyclohexane	3600	U
108-87-2	Methylcyclohexane	3600	U
106-93-4	1,2-Dibromoethane	3600	U
98-82-8	Isopropylbenzene	3600	U
541-73-1	1,3-Dichlorobenzene	3600	U
106-46-7	1,4-Dichlorobenzene	3600	U
95-50-1	1,2-Dichlorobenzene	3600	U
96-12-8	1,2-Dibromo-3-chloropropane	3600	U
120-82-1	1,2,4-Trichlorobenzene	3600	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

V3D-5-14.4-18.4

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7502304

Sample wt/vol: 4.15 (g/mL) G Lab File ID: Q0801.RR

Level: (low/med) MED Date Samp/Recv: 05/08/2007 05/10/2007

% Moisture: not dec. 36.1 Date Analyzed: 05/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 2.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-12-14.8-18.8

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7502302

Sample wt/vol: 4.00 (g/mL) G Lab File ID: Q0784.RR

Level: (low/med) MED Date Samp/Recv: 05/08/2007 05/10/2007

% Moisture: not dec. 45 Heated Purge: N Date Analyzed: 05/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	2200	U
74-83-9	Bromomethane	2200	U
75-01-4	Vinyl chloride	2200	U
75-00-3	Chloroethane	2200	U
75-09-2	Methylene chloride	2200	U
67-64-1	Acetone	4300	
75-15-0	Carbon Disulfide	2200	U
75-35-4	1,1-Dichloroethene	2200	U
75-34-3	1,1-Dichloroethane	2200	U
67-66-3	Chloroform	2200	U
107-06-2	1,2-Dichloroethane	2200	U
78-93-3	2-Butanone	1400	J
71-55-6	1,1,1-Trichloroethane	2200	U
56-23-5	Carbon Tetrachloride	2200	U
75-27-4	Bromodichloromethane	2200	U
78-87-5	1,2-Dichloropropane	2200	U
10061-01-5	cis-1,3-Dichloropropene	2200	U
79-01-6	Trichloroethene	5700	
124-48-1	Dibromochloromethane	2200	U
79-00-5	1,1,2-Trichloroethane	2200	U
71-43-2	Benzene	2200	U
10061-02-6	trans-1,3-Dichloropropene	2200	U
75-25-2	Bromoform	2200	U
108-10-1	4-Methyl-2-pentanone	2200	U
591-78-6	2-Hexanone	2200	U
127-18-4	Tetrachloroethene	25000	
108-88-3	Toluene	2200	U
79-34-5	1,1,2,2-Tetrachloroethane	2200	U
108-90-7	Chlorobenzene	2200	U
100-41-4	Ethylbenzene	2200	U
100-42-5	Styrene	2200	U
1330-20-7	Total Xylenes	2200	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2200	U
156-59-2	cis-1,2-Dichloroethene	5700	

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-12-14.8-18.8

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7502302

Sample wt/vol: 4.00 (g/mL) G Lab File ID: Q0784.RR

Level: (low/med) MED Date Samp/Recv: 05/08/2007 05/10/2007

% Moisture: not dec. 45 Heated Purge: N Date Analyzed: 05/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	2200	U
75-71-8	Dichlorodifluoromethane	2200	U
75-69-4	Trichlorofluoromethane	2200	U
79-20-9	Methyl acetate	2200	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	2200	U
110-82-7	Cyclohexane	2200	U
108-87-2	Methylcyclohexane	2200	U
106-93-4	1,2-Dibromoethane	2200	U
98-82-8	Isopropylbenzene	2200	U
541-73-1	1,3-Dichlorobenzene	2200	U
106-46-7	1,4-Dichlorobenzene	2200	U
95-50-1	1,2-Dichlorobenzene	2200	U
96-12-8	1,2-Dibromo-3-chloropropane	2200	U
120-82-1	1,2,4-Trichlorobenzene	2200	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB3-12-14.8-18.8

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7502302

Sample wt/vol: 4.00 (g/mL) G Lab File ID: Q0784.RR

Level: (low/med) MED Date Samp/Recv: 05/08/2007 05/10/2007

% Moisture: not dec. 45.0 Date Analyzed: 05/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-18-14.9-18.9

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7502301

Sample wt/vol: 4.07 (g/mL) G Lab File ID: Q0783.RR

Level: (low/med) MED Date Samp/Recv: 05/08/2007 05/10/2007

% Moisture: not dec. 32 Heated Purge: N Date Analyzed: 05/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	1700	U
74-83-9	Bromomethane	1700	U
75-01-4	Vinyl chloride	1700	U
75-00-3	Chloroethane	1700	U
75-09-2	Methylene chloride	1700	U
67-64-1	Acetone	5500	
75-15-0	Carbon Disulfide	1700	U
75-35-4	1,1-Dichloroethene	1700	U
75-34-3	1,1-Dichloroethane	1700	U
67-66-3	Chloroform	1700	U
107-06-2	1,2-Dichloroethane	1700	U
78-93-3	2-Butanone	2400	
71-55-6	1,1,1-Trichloroethane	1700	U
56-23-5	Carbon Tetrachloride	1700	U
75-27-4	Bromodichloromethane	1700	U
78-87-5	1,2-Dichloropropane	1700	U
10061-01-5	cis-1,3-Dichloropropene	1700	U
79-01-6	Trichloroethene	720	J
124-48-1	Dibromochloromethane	1700	U
79-00-5	1,1,2-Trichloroethane	1700	U
71-43-2	Benzene	1700	U
10061-02-6	trans-1,3-Dichloropropene	1700	U
75-25-2	Bromoform	1700	U
108-10-1	4-Methyl-2-pentanone	1700	U
591-78-6	2-Hexanone	1700	U
127-18-4	Tetrachloroethene	7400	
108-88-3	Toluene	1700	U
79-34-5	1,1,2,2-Tetrachloroethane	1700	U
108-90-7	Chlorobenzene	1700	U
100-41-4	Ethylbenzene	1700	U
100-42-5	Styrene	1700	U
1330-20-7	Total Xylenes	1700	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1700	U
156-59-2	cis-1,2-Dichloroethene	890	J

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-18-14.9-18.9

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7502301

Sample wt/vol: 4.07 (g/mL) G Lab File ID: Q0783.RR

Level: (low/med) MED Date Samp/Recv: 05/08/2007 05/10/2007

% Moisture: not dec. 32 Heated Purge: N Date Analyzed: 05/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	1700	U
75-71-8	Dichlorodifluoromethane	1700	U
75-69-4	Trichlorofluoromethane	1700	U
79-20-9	Methyl acetate	1700	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1700	U
110-82-7	Cyclohexane	1700	U
108-87-2	Methylcyclohexane	1700	U
106-93-4	1,2-Dibromoethane	1700	U
98-82-8	Isopropylbenzene	1700	U
541-73-1	1,3-Dichlorobenzene	1700	U
106-46-7	1,4-Dichlorobenzene	1700	U
95-50-1	1,2-Dichlorobenzene	1700	U
96-12-8	1,2-Dibromo-3-chloropropane	1700	U
120-82-1	1,2,4-Trichlorobenzene	1700	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB3-18-14.9-18.9

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7502301

Sample wt/vol: 4.07 (g/mL) G Lab File ID: Q0783.RR

Level: (low/med) MED Date Samp/Recv: 05/08/2007 05/10/2007

% Moisture: not dec. 31.7 Date Analyzed: 05/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

ALPHA GEOSCIENCE

Geology
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Water Supply

Data Usability Summary Report for
STL Buffalo, Job No. A07-5085

5 Soil Samples
Collected May 10, 2007

Prepared by: Donald Anné
October 2, 2007

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contains the results for 5 soil samples analyzed for volatiles.

The overall performances of the analyses are acceptable. STL Buffalo did fulfill the requirements of the analytical method.

The data are acceptable with some minor issues that are identified in the accompanying data validation review. The following data were flagged:

- Volatile results for 2 compounds in samples VB1-19-8.8-12.8 and VB1-6-3.9-7.9, and the result for tetrachloroethene in sample VB1-20-13-17 were quantitated using data that were extrapolated beyond the highest calibration standard and flagged "E" by the laboratory. The results for these compounds were qualified as estimated (J) in the undiluted samples. It is recommended that the diluted results be used for those compounds.

- The positive volatile results for acetone were flagged as "estimated" (J) in samples VB1-19-8.8-12.8 and VB1-6-3.9-7.9 because the %RSD and %D for acetone were above the allowable maximums in the associated initial and continuing calibrations.

All data are considered usable, with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation review.

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ALPHA
GEOSCIENCE
Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Volatiles Data
for STL Buffalo, Job No. A07-5085

5 Soil Samples
Collected May 10, 2007

Prepared by: Donald Anné
October 2, 2007

Holding Times: Samples were analyzed within NYSDEC ASP holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The %RSD for 1,2,4-trichlorobenzene (25.0%) was above the ASP maximum (20.5%) for HP5973Q on 05-08-07. The RRFs for trichloroethene (0.284, 0.247, 0.247, and 0.227) were below the ASP minimum (0.300) for HP5973P on 05-10-07. No action is taken on two or fewer compounds per calibration outside ASP requirements, provided %RSDs are not greater than 40% and RRFs are not less than 0.010.

The average RRFs for target compounds were above the allowable minimum (0.050), as required.

The %RSD for acetone (48.6%) was above the allowable maximum (30%) for HP5973P on 05-10-07. Positive results for acetone should be considered estimates (J) in associated samples.

Continuing Calibration: The %D for bromomethane (29.9%) was above the ASP maximum (25%) and the RRF50 for trichloroethene (0.2758) was below the ASP minimum (0.300) on 05-11-07 (P8626.RR). No action is taken on two or fewer compounds per calibration outside ASP requirements, provided %Ds are not greater than 40% and RRF50s are not less than 0.010.

The RRF50s for target compounds were above the allowable minimum (0.050), as required.

The %Ds for bromomethane (29.9%) and acetone (31.5%) were above the allowable maximum (25%) on 05-11-07 (P8626.RR). Positive results for these compounds should be considered estimated (J) in associated samples.

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www.alphageoscience.com

Blanks: The analyses of methanol and holding blanks reported target compounds as not detected. Method blank VBLK46 contained a trace of acetone (9 ug/kg). Results for acetone that are less than ten times the method blank level should be reported as not detected (U) in associated samples.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Surrogate Recovery: The surrogate recoveries were within control limits for the soil samples.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences were below the allowable maximums and the percent recoveries were within control limits for batch MS/MSD sample A7502305.

Matrix Spike Blank: The percent recoveries were within QC limits for samples VBLK46 and VBLK59.

Compound ID: Checked compounds were within GC quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

The results for 2 volatile compounds in samples VB1-19-8.8-12.8 and VB1-6-3.9-7.9, and the result for tetrachloroethene in sample VB1-20-13-17 were quantitated by extrapolating data above the highest calibration standard and marked 'E' by the laboratory. The samples were diluted by the laboratory and re-analyzed; therefore, the results for these compounds that are flagged as 'E' in the undiluted samples should be considered estimated (J) and the use of the diluted results for these compounds is recommended. It is recommended that the undiluted results be used for all other compounds.

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A7508501	VB1-13-16.1-20.1	SOIL	05/10/2007	12:00	05/11/2007	08:40
A7508504	VB1-18-15.9-19.9	SOIL	05/10/2007	15:15	05/11/2007	08:40
A7508505	VB1-19-8.8-12.8	SOIL	05/10/2007	16:10	05/11/2007	08:40
A7508503	VB1-20-13-17	SOIL	05/10/2007	13:00	05/11/2007	08:40
A7508502	VB1-6-3.9-7.9	SOIL	05/10/2007	10:40	05/11/2007	08:40

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-13-16.1-20.1

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7508501

Sample wt/vol: 4.06 (g/mL) G Lab File ID: Q0806.RR

Level: (low/med) MED Date Samp/Recv: 05/10/2007 05/11/2007

% Moisture: not dec. 43 Heated Purge: N Date Analyzed: 05/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	2100	U
74-83-9	Bromomethane	2100	U
75-01-4	Vinyl chloride	2100	U
75-00-3	Chloroethane	2100	U
75-09-2	Methylene chloride	2100	U
67-64-1	Acetone	5200	
75-15-0	Carbon Disulfide	2100	U
75-35-4	1,1-Dichloroethene	2100	U
75-34-3	1,1-Dichloroethane	2100	U
67-66-3	Chloroform	2100	U
107-06-2	1,2-Dichloroethane	2100	U
78-93-3	2-Butanone	2300	
71-55-6	1,1,1-Trichloroethane	2100	U
56-23-5	Carbon Tetrachloride	2100	U
75-27-4	Bromodichloromethane	2100	U
78-87-5	1,2-Dichloropropane	2100	U
10061-01-5	cis-1,3-Dichloropropene	2100	U
79-01-6	Trichloroethene	2100	U
124-48-1	Dibromochloromethane	2100	U
79-00-5	1,1,2-Trichloroethane	2100	U
71-43-2	Benzene	2100	U
10061-02-6	trans-1,3-Dichloropropene	2100	U
75-25-2	Bromoform	2100	U
108-10-1	4-Methyl-2-pentanone	2100	U
591-78-6	2-Hexanone	2100	U
127-18-4	Tetrachloroethene	450	J
108-88-3	Toluene	2100	U
79-34-5	1,1,2,2-Tetrachloroethane	2100	U
108-90-7	Chlorobenzene	2100	U
100-41-4	Ethylbenzene	2100	U
100-42-5	Styrene	2100	U
1330-20-7	Total Xylenes	2100	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2100	U
156-59-2	cis-1,2-Dichloroethene	8600	

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-13-16.1-20.1

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7508501

Sample wt/vol: 4.06 (g/mL) G Lab File ID: Q0806.RR

Level: (low/med) MED Date Samp/Recv: 05/10/2007 05/11/2007

% Moisture: not dec. 43 Heated Purge: N Date Analyzed: 05/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	2100	U
75-71-8	Dichlorodifluoromethane	2100	U
75-69-4	Trichlorofluoromethane	2100	U
79-20-9	Methyl acetate	2100	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	2100	U
110-82-7	Cyclohexane	2100	U
108-87-2	Methylcyclohexane	2100	U
106-93-4	1,2-Dibromoethane	2100	U
98-82-8	Isopropylbenzene	2100	U
541-73-1	1,3-Dichlorobenzene	2100	U
106-46-7	1,4-Dichlorobenzene	2100	U
95-50-1	1,2-Dichlorobenzene	2100	U
96-12-8	1,2-Dibromo-3-chloropropane	2100	U
120-82-1	1,2,4-Trichlorobenzene	2100	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB1-13-16.1-20.1

Lab Name: SIL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7508501

Sample wt/vol: 4.06 (g/mL) G Lab File ID: Q0806.RR

Level: (low/med) MED Date Samp/Recv: 05/10/2007 05/11/2007

% Moisture: not dec. 43.1 Date Analyzed: 05/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-18-15.9-19.9

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7508504

Sample wt/vol: 4.17 (g/mL) G Lab File ID: Q0809.RR

Level: (low/med) MED Date Samp/Recv: 05/10/2007 05/11/2007

% Moisture: not dec. 42 Heated Purge: N Date Analyzed: 05/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	2000	U
74-83-9	Bromomethane	2000	U
75-01-4	Vinyl chloride	2000	U
75-00-3	Chloroethane	2000	U
75-09-2	Methylene chloride	2000	U
67-64-1	Acetone	1900	J
75-15-0	Carbon Disulfide	2000	U
75-35-4	1,1-Dichloroethene	2000	U
75-34-3	1,1-Dichloroethane	2000	U
67-66-3	Chloroform	2000	U
107-06-2	1,2-Dichloroethane	2000	U
78-93-3	2-Butanone	750	J
71-55-6	1,1,1-Trichloroethane	2000	U
56-23-5	Carbon Tetrachloride	2000	U
75-27-4	Bromodichloromethane	2000	U
78-87-5	1,2-Dichloropropane	2000	U
10061-01-5	cis-1,3-Dichloropropene	2000	U
79-01-6	Trichloroethene	2800	
124-48-1	Dibromochloromethane	2000	U
79-00-5	1,1,2-Trichloroethane	2000	U
71-43-2	Benzene	2000	U
10061-02-6	trans-1,3-Dichloropropene	2000	U
75-25-2	Bromoform	2000	U
108-10-1	4-Methyl-2-pentanone	2000	U
591-78-6	2-Hexanone	2000	U
127-18-4	Tetrachloroethene	640	J
108-88-3	Toluene	2000	U
79-34-5	1,1,2,2-Tetrachloroethane	2000	U
108-90-7	Chlorobenzene	2000	U
100-41-4	Ethylbenzene	2000	U
100-42-5	Styrene	2000	U
1330-20-7	Total Xylenes	2000	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2000	U
156-59-2	cis-1,2-Dichloroethene	23000	

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-18-15.9-19.9

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7508504

Sample wt/vol: 4.17 (g/mL) G Lab File ID: Q0809.RR

Level: (low/med) MED Date Samp/Recv: 05/10/2007 05/11/2007

% Moisture: not dec. 42 Heated Purge: N Date Analyzed: 05/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	310	J
75-71-8	Dichlorodifluoromethane	2000	U
75-69-4	Trichlorofluoromethane	2000	U
79-20-9	Methyl acetate	2000	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	2000	U
110-82-7	Cyclohexane	2000	U
108-87-2	Methylcyclohexane	2000	U
106-93-4	1,2-Dibromoethane	2000	U
98-82-8	Isopropylbenzene	2000	U
541-73-1	1,3-Dichlorobenzene	2000	U
106-46-7	1,4-Dichlorobenzene	2000	U
95-50-1	1,2-Dichlorobenzene	2000	U
96-12-8	1,2-Dibromo-3-chloropropane	2000	U
120-82-1	1,2,4-Trichlorobenzene	2000	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB1-18-15.9-19.9

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7508504

Sample wt/vol: 4.17 (g/mL) G Lab File ID: Q0809.RR

Level: (low/med) MED Date Samp/Recv: 05/10/2007 05/11/2007

% Moisture: not dec. 42.4 Date Analyzed: 05/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-19-8.8-12.8

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7508505

Sample wt/vol: 1.04 (g/mL) G Lab File ID: P8634.RR

Level: (low/med) LOW Date Samp/Recv: 05/10/2007 05/11/2007

% Moisture: not dec. 55 Heated Purge: Y Date Analyzed: 05/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	110	U
74-83-9	Bromomethane	110	U
75-01-4	Vinyl chloride	12	J
75-00-3	Chloroethane	110	U
75-09-2	Methylene chloride	110	
67-64-1	Acetone	17000	BE J
75-15-0	Carbon Disulfide	17	J
75-35-4	1,1-Dichloroethene	110	U
75-34-3	1,1-Dichloroethane	110	U
67-66-3	Chloroform	110	U
107-06-2	1,2-Dichloroethane	110	U
78-93-3	2-Butanone	4100	E J
71-55-6	1,1,1-Trichloroethane	110	U
56-23-5	Carbon Tetrachloride	110	U
75-27-4	Bromodichloromethane	110	U
78-87-5	1,2-Dichloropropane	110	U
10061-01-5	cis-1,3-Dichloropropene	110	U
79-01-6	Trichloroethene	210	
124-48-1	Dibromochloromethane	110	U
79-00-5	1,1,2-Trichloroethane	110	U
71-43-2	Benzene	17	J
10061-02-6	trans-1,3-Dichloropropene	110	U
75-25-2	Bromoform	110	U
108-10-1	4-Methyl-2-pentanone	54	J
591-78-6	2-Hexanone	38	J
127-18-4	Tetrachloroethene	580	
108-88-3	Toluene	48	J
79-34-5	1,1,2,2-Tetrachloroethane	110	U
108-90-7	Chlorobenzene	110	U
100-41-4	Ethylbenzene	110	U
100-42-5	Styrene	110	U
1330-20-7	Total Xylenes	32	J
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	110	U
156-59-2	cis-1,2-Dichloroethene	740	

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-19-8.8-12.8

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7508505

Sample wt/vol: 1.04 (g/mL) G Lab File ID: P8634.RR

Level: (low/med) LOW Date Samp/Recv: 05/10/2007 05/11/2007

% Moisture: not dec. 55 Heated Purge: Y Date Analyzed: 05/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	16	J
75-71-8	Dichlorodifluoromethane	110	U
75-69-4	Trichlorofluoromethane	110	U
79-20-9	Methyl acetate	110	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	110	U
110-82-7	Cyclohexane	110	U
108-87-2	Methylcyclohexane	110	U
106-93-4	1,2-Dibromoethane	110	U
98-82-8	Isopropylbenzene	110	U
541-73-1	1,3-Dichlorobenzene	110	U
106-46-7	1,4-Dichlorobenzene	110	U
95-50-1	1,2-Dichlorobenzene	110	U
96-12-8	1,2-Dibromo-3-chloropropane	110	U
120-82-1	1,2,4-Trichlorobenzene	110	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB1-19-8.8-12.8

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7508505

Sample wt/vol: 1.04 (g/mL) G Lab File ID: P8634.RR

Level: (low/med) LOW Date Samp/Recv: 05/10/2007 05/11/2007

% Moisture: not dec. 55.1 Date Analyzed: 05/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 6 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 110-00-9	FURAN	6.01	97	JN
2. 75-18-3	DIMETHYL SULFIDE	6.43	240	JN
3. 110-54-3	HEXANE	7.50	87	JN
4.	UNKNOWN	9.13	54	J
5. 110-02-1	THIOPHENE	9.74	83	JN
6. 554-14-3	2-METHYL THIOPHENE	12.02	61	JN

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-19-8.8-12.8 DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7508505DL

Sample wt/vol: 4.11 (g/mL) G Lab File ID: Q0813.RR

Level: (low/med) MED Date Samp/Recv: 05/10/2007 05/11/2007

% Moisture: not dec. 55 Heated Purge: N Date Analyzed: 05/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	2600	U
74-83-9	Bromomethane	2600	U
75-01-4	Vinyl chloride	2600	U
75-00-3	Chloroethane	2600	U
75-09-2	Methylene chloride	2600	U
67-64-1	Acetone	12000	D
75-15-0	Carbon Disulfide	2600	U
75-35-4	1,1-Dichloroethene	2600	U
75-34-3	1,1-Dichloroethane	2600	U
67-66-3	Chloroform	2600	U
107-06-2	1,2-Dichloroethane	2600	U
78-93-3	2-Butanone	3500	D
71-55-6	1,1,1-Trichloroethane	2600	U
56-23-5	Carbon Tetrachloride	2600	U
75-27-4	Bromodichloromethane	2600	U
78-87-5	1,2-Dichloropropane	2600	U
10061-01-5	cis-1,3-Dichloropropene	2600	U
79-01-6	Trichloroethene	500	DJ
124-48-1	Dibromochloromethane	2600	U
79-00-5	1,1,2-Trichloroethane	2600	U
71-43-2	Benzene	2600	U
10061-02-6	trans-1,3-Dichloropropene	2600	U
75-25-2	Bromoform	2600	U
108-10-1	4-Methyl-2-pentanone	2600	U
591-78-6	2-Hexanone	2600	U
127-18-4	Tetrachloroethene	2200	DJ
108-88-3	Toluene	2600	U
79-34-5	1,1,2,2-Tetrachloroethane	2600	U
108-90-7	Chlorobenzene	2600	U
100-41-4	Ethylbenzene	2600	U
100-42-5	Styrene	2600	U
1330-20-7	Total Xylenes	2600	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2600	U
156-59-2	cis-1,2-Dichloroethene	1200	DJ

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-19-8.8-12.8 DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7508505DL

Sample wt/vol: 4.11 (g/mL) G Lab File ID: Q0813.RR

Level: (low/med) MED Date Samp/Recv: 05/10/2007 05/11/2007

% Moisture: not dec. 55 Heated Purge: N Date Analyzed: 05/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	2600	U
75-71-8	Dichlorodifluoromethane	2600	U
75-69-4	Trichlorofluoromethane	2600	U
79-20-9	Methyl acetate	2600	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	2600	U
110-82-7	Cyclohexane	2600	U
108-87-2	Methylcyclohexane	2600	U
106-93-4	1,2-Dibromoethane	2600	U
98-82-8	Isopropylbenzene	2600	U
541-73-1	1,3-Dichlorobenzene	2600	U
106-46-7	1,4-Dichlorobenzene	2600	U
95-50-1	1,2-Dichlorobenzene	2600	U
96-12-8	1,2-Dibromo-3-chloropropane	2600	U
120-82-1	1,2,4-Trichlorobenzene	2600	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB1-19-8.8-12.8 DL

Lab Name: SIL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7508505DL

Sample wt/vol: 4.11 (g/mL) G Lab File ID: Q0813.RR

Level: (low/med) MED Date Samp/Recv: 05/10/2007 05/11/2007

% Moisture: not dec. 55.1 Date Analyzed: 05/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-20-13-17

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7508503

Sample wt/vol: 4.00 (g/mL) G Lab File ID: Q0808.RR

Level: (low/med) MED Date Samp/Recv: 05/10/2007 05/11/2007

% Moisture: not dec. 53 Heated Purge: N Date Analyzed: 05/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	2500	U
74-83-9	Bromomethane	2500	U
75-01-4	Vinyl chloride	2500	U
75-00-3	Chloroethane	2500	U
75-09-2	Methylene chloride	2500	U
67-64-1	Acetone	6000	
75-15-0	Carbon Disulfide	2500	U
75-35-4	1,1-Dichloroethene	2500	U
75-34-3	1,1-Dichloroethane	2500	U
67-66-3	Chloroform	2500	U
107-06-2	1,2-Dichloroethane	2500	U
78-93-3	2-Butanone	2300	J
71-55-6	1,1,1-Trichloroethane	2500	U
56-23-5	Carbon Tetrachloride	2500	U
75-27-4	Bromodichloromethane	2500	U
78-87-5	1,2-Dichloropropane	2500	U
10061-01-5	cis-1,3-Dichloropropene	2500	U
79-01-6	Trichloroethene	23000	
124-48-1	Dibromochloromethane	2500	U
79-00-5	1,1,2-Trichloroethane	2500	U
71-43-2	Benzene	2500	U
10061-02-6	trans-1,3-Dichloropropene	2500	U
75-25-2	Bromoform	2500	U
108-10-1	4-Methyl-2-pentanone	2500	U
591-78-6	2-Hexanone	2500	U
127-18-4	Tetrachloroethene	60000	E J
108-88-3	Toluene	2500	U
79-34-5	1,1,2,2-Tetrachloroethane	2500	U
108-90-7	Chlorobenzene	2500	U
100-41-4	Ethylbenzene	2500	U
100-42-5	Styrene	2500	U
1330-20-7	Total Xylenes	2500	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2500	U
156-59-2	cis-1,2-Dichloroethene	30000	

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-20-13-17

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7508503

Sample wt/vol: 4.00 (g/mL) G Lab File ID: Q0808.RR

Level: (low/med) MED Date Samp/Recv: 05/10/2007 05/11/2007

% Moisture: not dec. 53 Heated Purge: N Date Analyzed: 05/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	2500	U
75-71-8	Dichlorodifluoromethane	2500	U
75-69-4	Trichlorofluoromethane	2500	U
79-20-9	Methyl acetate	2500	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	2500	U
110-82-7	Cyclohexane	2500	U
108-87-2	Methylcyclohexane	2500	U
106-93-4	1,2-Dibromoethane	2500	U
98-82-8	Isopropylbenzene	2500	U
541-73-1	1,3-Dichlorobenzene	2500	U
106-46-7	1,4-Dichlorobenzene	2500	U
95-50-1	1,2-Dichlorobenzene	2500	U
96-12-8	1,2-Dibromo-3-chloropropane	2500	U
120-82-1	1,2,4-Trichlorobenzene	2500	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB1-20-13-17

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7508503

Sample wt/vol: 4.00 (g/mL) G Lab File ID: Q0808.RR

Level: (low/med) MED Date Samp/Recv: 05/10/2007 05/11/2007

% Moisture: not dec. 52.6 Date Analyzed: 05/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-20-13-17 DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7508503DL

Sample wt/vol: 4.00 (g/mL) G Lab File ID: Q0814.RR

Level: (low/med) MED Date Samp/Recv: 05/10/2007 05/11/2007

% Moisture: not dec. 53 Heated Purge: N Date Analyzed: 05/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 2.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	5100	U
74-83-9	Bromomethane	5100	U
75-01-4	Vinyl chloride	5100	U
75-00-3	Chloroethane	5100	U
75-09-2	Methylene chloride	5100	U
67-64-1	Acetone	6800	D
75-15-0	Carbon Disulfide	5100	U
75-35-4	1,1-Dichloroethene	5100	U
75-34-3	1,1-Dichloroethane	5100	U
67-66-3	Chloroform	5100	U
107-06-2	1,2-Dichloroethane	5100	U
78-93-3	2-Butanone	2300	DJ
71-55-6	1,1,1-Trichloroethane	5100	U
56-23-5	Carbon Tetrachloride	5100	U
75-27-4	Bromodichloromethane	5100	U
78-87-5	1,2-Dichloropropane	5100	U
10061-01-5	cis-1,3-Dichloropropene	5100	U
79-01-6	Trichloroethene	25000	D
124-48-1	Dibromochloromethane	5100	U
79-00-5	1,1,2-Trichloroethane	5100	U
71-43-2	Benzene	5100	U
10061-02-6	trans-1,3-Dichloropropene	5100	U
75-25-2	Bromoform	5100	U
108-10-1	4-Methyl-2-pentanone	5100	U
591-78-6	2-Hexanone	5100	U
127-18-4	Tetrachloroethene	62000	D
108-88-3	Toluene	5100	U
79-34-5	1,1,2,2-Tetrachloroethane	5100	U
108-90-7	Chlorobenzene	5100	U
100-41-4	Ethylbenzene	5100	U
100-42-5	Styrene	5100	U
1330-20-7	Total Xylenes	5100	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5100	U
156-59-2	cis-1,2-Dichloroethene	32000	D

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-20-13-17 DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7508503DL

Sample wt/vol: 4.00 (g/mL) G Lab File ID: Q0814.RR

Level: (low/med) MED Date Samp/Recv: 05/10/2007 05/11/2007

% Moisture: not dec. 53 Heated Purge: N Date Analyzed: 05/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 2.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	5100	U
75-71-8	Dichlorodifluoromethane	5100	U
75-69-4	Trichlorofluoromethane	5100	U
79-20-9	Methyl acetate	5100	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5100	U
110-82-7	Cyclohexane	5100	U
108-87-2	Methylcyclohexane	5100	U
106-93-4	1,2-Dibromoethane	5100	U
98-82-8	Isopropylbenzene	5100	U
541-73-1	1,3-Dichlorobenzene	5100	U
106-46-7	1,4-Dichlorobenzene	5100	U
95-50-1	1,2-Dichlorobenzene	5100	U
96-12-8	1,2-Dibromo-3-chloropropane	5100	U
120-82-1	1,2,4-Trichlorobenzene	5100	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB1-20-13-17 DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7508503DL

Sample wt/vol: 4.00 (g/mL) G Lab File ID: Q0814.RR

Level: (low/med) MED Date Samp/Recv: 05/10/2007 05/11/2007

% Moisture: not dec. 52.6 Date Analyzed: 05/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 2.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-6-3.9-7.9

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7508502

Sample wt/vol: 1.05 (g/mL) G Lab File ID: P8633.RR

Level: (low/med) LOW Date Samp/Recv: 05/10/2007 05/11/2007

% Moisture: not dec. 54 Heated Purge: Y Date Analyzed: 05/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	100	U
74-83-9	Bromomethane	100	U
75-01-4	Vinyl chloride	100	U
75-00-3	Chloroethane	100	U
75-09-2	Methylene chloride	130	
67-64-1	Acetone	14000	BE J
75-15-0	Carbon Disulfide	17	J
75-35-4	1,1-Dichloroethene	100	U
75-34-3	1,1-Dichloroethane	100	U
67-66-3	Chloroform	100	U
107-06-2	1,2-Dichloroethane	100	U
78-93-3	2-Butanone	3000	E J
71-55-6	1,1,1-Trichloroethane	100	U
56-23-5	Carbon Tetrachloride	100	U
75-27-4	Bromodichloromethane	100	U
78-87-5	1,2-Dichloropropane	100	U
10061-01-5	cis-1,3-Dichloropropene	100	U
79-01-6	Trichloroethene	12	J
124-48-1	Dibromochloromethane	100	U
79-00-5	1,1,2-Trichloroethane	100	U
71-43-2	Benzene	100	U
10061-02-6	trans-1,3-Dichloropropene	100	U
75-25-2	Bromoform	100	U
108-10-1	4-Methyl-2-pentanone	20	J
591-78-6	2-Hexanone	19	J
127-18-4	Tetrachloroethene	240	
108-88-3	Toluene	20	J
79-34-5	1,1,2,2-Tetrachloroethane	100	U
108-90-7	Chlorobenzene	100	U
100-41-4	Ethylbenzene	100	U
100-42-5	Styrene	100	U
1330-20-7	Total Xylenes	100	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	100	U
156-59-2	cis-1,2-Dichloroethene	13	J

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-6-3.9-7.9

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7508502

Sample wt/vol: 1.05 (g/mL) G Lab File ID: P8633.RR

Level: (low/med) LOW Date Samp/Recv: 05/10/2007 05/11/2007

% Moisture: not dec. 54 Heated Purge: Y Date Analyzed: 05/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	100	U
75-71-8	Dichlorodifluoromethane	100	U
75-69-4	Trichlorofluoromethane	100	U
79-20-9	Methyl acetate	100	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	100	U
110-82-7	Cyclohexane	100	U
108-87-2	Methylcyclohexane	21	J
106-93-4	1,2-Dibromoethane	100	U
98-82-8	Isopropylbenzene	100	U
541-73-1	1,3-Dichlorobenzene	100	U
106-46-7	1,4-Dichlorobenzene	100	U
95-50-1	1,2-Dichlorobenzene	100	U
96-12-8	1,2-Dibromo-3-chloropropane	100	U
120-82-1	1,2,4-Trichlorobenzene	100	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB1-6-3.9-7.9

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7508502

Sample wt/vol: 1.05 (g/mL) G Lab File ID: P8633.RR

Level: (low/med) LOW Date Samp/Recv: 05/10/2007 05/11/2007

% Moisture: not dec. 54.2 Date Analyzed: 05/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 10 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 110-54-3	HEXANE	7.49	110	JN
2.	UNKNOWN BENZENE DERIVATIVE	16.53	130	J
3.	UNKNOWN BENZENE DERIVATIVE	18.14	120	J
4.	UNKNOWN BENZENE DERIVATIVE	18.36	120	J
5.	UNKNOWN NAPHTHALENE	18.65	130	J
6.	UNKNOWN BENZENE DERIVATIVE	19.51	280	J
7.	UNKNOWN	20.43	170	J
8.	UNKNOWN	22.07	100	J
9.	UNKNOWN	22.18	120	J
10. 4453-90-1	1,4-METHANONAPHTHALENE	22.94	170	JN

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-6-3.9-7.9 DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7508502DL

Sample wt/vol: 4.18 (g/mL) G Lab File ID: Q0807.RR

Level: (low/med) MED Date Samp/Recv: 05/10/2007 05/11/2007

% Moisture: not dec. 54 Heated Purge: N Date Analyzed: 05/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	2500	U
74-83-9	Bromomethane	2500	U
75-01-4	Vinyl chloride	2500	U
75-00-3	Chloroethane	2500	U
75-09-2	Methylene chloride	2500	U
67-64-1	Acetone	10000	D
75-15-0	Carbon Disulfide	2500	U
75-35-4	1,1-Dichloroethene	2500	U
75-34-3	1,1-Dichloroethane	2500	U
67-66-3	Chloroform	2500	U
107-06-2	1,2-Dichloroethane	2500	U
78-93-3	2-Butanone	2600	D
71-55-6	1,1,1-Trichloroethane	2500	U
56-23-5	Carbon Tetrachloride	2500	U
75-27-4	Bromodichloromethane	2500	U
78-87-5	1,2-Dichloropropane	2500	U
10061-01-5	cis-1,3-Dichloropropene	2500	U
79-01-6	Trichloroethene	2500	U
124-48-1	Dibromochloromethane	2500	U
79-00-5	1,1,2-Trichloroethane	2500	U
71-43-2	Benzene	2500	U
10061-02-6	trans-1,3-Dichloropropene	2500	U
75-25-2	Bromoform	2500	U
108-10-1	4-Methyl-2-pentanone	2500	U
591-78-6	2-Hexanone	2500	U
127-18-4	Tetrachloroethene	610	DJ
108-88-3	Toluene	2500	U
79-34-5	1,1,2,2-Tetrachloroethane	2500	U
108-90-7	Chlorobenzene	2500	U
100-41-4	Ethylbenzene	2500	U
100-42-5	Styrene	2500	U
1330-20-7	Total Xylenes	2500	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2500	U
156-59-2	cis-1,2-Dichloroethene	2500	U

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-6-3.9-7.9 DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7508502DL

Sample wt/vol: 4.18 (g/mL) G Lab File ID: Q0807.RR

Level: (low/med) MED Date Samp/Recv: 05/10/2007 05/11/2007

% Moisture: not dec. 54 Heated Purge: N Date Analyzed: 05/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	2500	U
75-71-8	Dichlorodifluoromethane	2500	U
75-69-4	Trichlorofluoromethane	2500	U
79-20-9	Methyl acetate	2500	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	2500	U
110-82-7	Cyclohexane	2500	U
108-87-2	Methylcyclohexane	2500	U
106-93-4	1,2-Dibromoethane	2500	U
98-82-8	Isopropylbenzene	2500	U
541-73-1	1,3-Dichlorobenzene	2500	U
106-46-7	1,4-Dichlorobenzene	2500	U
95-50-1	1,2-Dichlorobenzene	2500	U
96-12-8	1,2-Dibromo-3-chloropropane	2500	U
120-82-1	1,2,4-Trichlorobenzene	2500	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB1-6-3.9-7.9 DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7508502DL

Sample wt/vol: 4.18 (g/mL) G Lab File ID: Q0807.RR

Level: (low/med) MED Date Samp/Recv: 05/10/2007 05/11/2007

% Moisture: not dec. 54.2 Date Analyzed: 05/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	11.64	1400	J

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Data Usability Summary Report for
STL Buffalo, Job No. A07-5636
Subcontracted to STL Connecticut
as SDG No. 220-1636-1

3 Soil Samples
Collected May 21, 2007

Prepared by: Donald Anné
October 2, 2007

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contains the results for 3 soil samples analyzed for volatiles.

The overall performances of the analyses are acceptable. STL Connecticut did fulfill the requirements of the analytical method.

The data are acceptable with some minor issues that are identified in the accompanying data validation review. The following data were flagged:

- Positive volatile results for methylene chloride were flagged as "not detected" (U) in soil samples VB3-23-16.6-20.6 and VB3-10-14.5-18.5 because the levels reported in the samples were not significantly greater (more than 10 times) than the associated method blank level.

- Positive volatile results for acetone were flagged as "not detected" (U) in soil samples VB3-19-15.6-19.6 and VB3-10-14.5-18.5 because the levels reported in the samples were not significantly greater (more than 10 times) than the associated method blank level.

All data are considered usable, with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation review.

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QA/QC Review of Volatiles Data for
STL Buffalo, Job No. A07-5636
Subcontracted to STL Connecticut
as SDG No. 220-1636-1

3 Soil Samples
Collected May 21, 2007

Prepared by: Donald Anné
October 2, 2007

Holding Times: Samples were analyzed within SW-846 holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The RRFs for 1,2,4-trichlorobenzene (0.178, 0.178, 0.192, 0.184, and 0.177) were below the ASP minimum (0.200) for MSO on 05-10-07. No action is taken on two or fewer compounds per calibration outside ASP requirements, provided %RSDs are not greater than 40% and RRFs are not less than 0.010.

The average RRFs for target compounds were above the allowable minimum (0.050) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The %D for vinyl chloride (28.9%) was above the ASP maximum (25%) and the RRF50 for 1,2,4-trichlorobenzene (0.155) was below the ASP minimum (0.200) on 05-23-07 (O0461). No action is taken on two or fewer compounds per calibration outside ASP requirements, provided %Ds are not greater than 40% and RRF50s are not less than 0.010.

The RRF50s for target compounds were above the allowable minimum (0.050), as required.

The %Ds for chloromethane (52.7%) and vinyl chloride (28.9%) were above the allowable maximum (25%) on 05-23-07 (O0461). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: Method blank MB 220-6364/2 contained traces of acetone (860 ug/kg) and methylene chloride (91 ug/kg). Results for acetone and methylene chloride that are less than ten times the method blank level should be reported as not detected (U) in associated samples.

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Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Surrogate Recovery: The surrogate recoveries were within control limits for environmental samples.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences were below the allowable maximums and the percent recoveries were within control limits for MS/MSD sample VB3-10-14.5-18.5.

Laboratory Control Sample: The percent recoveries (%Rs) were within QC limits for samples MSB 220-6364/9 and LCS 220-6364-10.

Compound ID: Checked compounds were within GC/MS quantitation and qualitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

SAMPLE SUMMARY

Client: Severn Trent Laboratories, Inc.

Job Number: 220-1636-1
Sdg Number: NY5A9350

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
220-1636-1	VB3-23-16.6-20.6	Solid	05/21/2007 1145	05/22/2007 0935
220-1636-2	VB3-19-15.6-19.6	Solid	05/21/2007 1330	05/22/2007 0935
220-1636-3	VB3-10-14.5-18.5	Solid	05/21/2007 1520	05/22/2007 0935

Analytical Data

Client: Severn Trent Laboratories, Inc.

Job Number: 220-1636-1
Sdg Number: NY5A9350

Client Sample ID: VB3-23-16.6-20.6

Lab Sample ID: 220-1636-1
Client Matrix: Solid
% Moisture: 54.2

Date Sampled: 05/21/2007 1145
Date Received: 05/22/2007 0935

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B-Medium
Dilution: 1.0
Date Analyzed: 05/23/2007 1355
Date Prepared: 05/23/2007 1000

Analysis Batch: 220-6364
Prep Batch: 220-6362

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O0467.D
Initial Weight/Volume: 4 g
Final Weight/Volume: 10 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		2600	U	22	2600
Vinyl chloride		2600	U	22	2600
Bromomethane		2600	U	22	2600
Chloroethane		2600	U	22	2600
1,1-Dichloroethene		2600	U	22	2600
Carbon disulfide		2600	U	22	2600
Acetone		23000	B	22	2600
Methylene Chloride		79	J B U	22	2600
1,1-Dichloroethane		2600	U	22	2600
2-Butanone (MEK)		7400		22	2600
Chloroform		2600	U	22	2600
1,1,1-Trichloroethane		2600	U	22	2600
Carbon tetrachloride		2600	U	22	2600
Benzene		2600	U	22	2600
1,2-Dichloroethane		2600	U	22	2600
Trichloroethene		2900		22	2600
1,2-Dichloropropane		2600	U	22	2600
Bromodichloromethane		2600	U	22	2600
cis-1,3-Dichloropropene		2600	U	22	2600
4-Methyl-2-pentanone (MIBK)		2600	U	22	2600
Toluene		62	J	22	2600
trans-1,3-Dichloropropene		2600	U	22	2600
1,1,2-Trichloroethane		2600	U	22	2600
Tetrachloroethene		3700		22	2600
2-Hexanone		2600	U	22	2600
Dibromochloromethane		2600	U	22	2600
Chlorobenzene		2600	U	22	2600
Ethylbenzene		2600	U	22	2600
Styrene		2600	U	22	2600
Bromoform		2600	U	22	2600
1,1,2,2-Tetrachloroethane		2600	U	22	2600
Xylenes, Total		190	J	22	2600
cis-1,2-Dichloroethene		3300		22	2600
trans-1,2-Dichloroethene		2600	U	22	2600
Dichlorodifluoromethane		2600	U	22	2600
Trichlorofluoromethane		2600	U	22	2600
1,1,2-Trichloro-1,2,2-trifluoroethane		2600	U	22	2600
Methyl tert-butyl ether		2600	U	22	2600
1,2-Dibromoethane		2600	U	22	2600
Isopropylbenzene		2600	U	22	2600
1,3-Dichlorobenzene		2600	U	22	2600
1,4-Dichlorobenzene		2600	U	22	2600
1,2-Dichlorobenzene		2600	U	22	2600

Analytical Data

Client: Severn Trent Laboratories, Inc.

Job Number: 220-1636-1
Sdg Number: NY5A9350

Client Sample ID: **VB3-23-16.6-20.6**

Lab Sample ID: 220-1636-1
Client Matrix: Solid
% Moisture: 54.2
Date Sampled: 05/21/2007 1145
Date Received: 05/22/2007 0935

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B-Medium
Dilution: 1.0
Date Analyzed: 05/23/2007 1355
Date Prepared: 05/23/2007 1000
Analysis Batch: 220-6364
Prep Batch: 220-6362
Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O0467.D
Initial Weight/Volume: 4 g
Final Weight/Volume: 10 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2-Dibromo-3-Chloropropane		2600	U	22	2600
1,2,4-Trichlorobenzene		2600	U	22	2600
Methyl acetate		2600	U	22	2600
Cyclohexane		2600	U	22	2600
Methylcyclohexane		2600	U	22	2600

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93	70 - 121
4-Bromofluorobenzene	81	59 - 113
Toluene-d8 (Surr)	90	84 - 138

Analytical Data

Client: Severn Trent Laboratories, Inc.

Job Number: 220-1636-1
Sdg Number: NY5A9350

Client Sample ID: VB3-19-15.6-19.6

Lab Sample ID: 220-1636-2
Client Matrix: Solid
% Moisture: 51.9

Date Sampled: 05/21/2007 1330
Date Received: 05/22/2007 0935

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B-Medium
Dilution: 1.0
Date Analyzed: 05/23/2007 1419
Date Prepared: 05/23/2007 1000

Analysis Batch: 220-6364
Prep Batch: 220-6362

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O0468.D
Initial Weight/Volume: 4 g
Final Weight/Volume: 10 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		2500	U	21	2500
Vinyl chloride		2500	U	21	2500
Bromomethane		2500	U	21	2500
Chloroethane		2500	U	21	2500
1,1-Dichloroethene		2500	U	21	2500
Carbon disulfide		2500	U	21	2500
Acetone		15000	B U	21	2500
Methylene Chloride		2500	U	21	2500
1,1-Dichloroethane		2500	U	21	2500
2-Butanone (MEK)		4500		21	2500
Chloroform		2500	U	21	2500
1,1,1-Trichloroethane		2500	U	21	2500
Carbon tetrachloride		2500	U	21	2500
Benzene		2500	U	21	2500
1,2-Dichloroethane		2500	U	21	2500
Trichloroethene		3000		21	2500
1,2-Dichloropropane		2500	U	21	2500
Bromodichloromethane		2500	U	21	2500
cis-1,3-Dichloropropene		2500	U	21	2500
4-Methyl-2-pentanone (MIBK)		2500	U	21	2500
Toluene		42	J	21	2500
trans-1,3-Dichloropropene		2500	U	21	2500
1,1,2-Trichloroethane		2500	U	21	2500
Tetrachloroethene		18000		21	2500
2-Hexanone		2500	U	21	2500
Dibromochloromethane		2500	U	21	2500
Chlorobenzene		2500	U	21	2500
Ethylbenzene		2500	U	21	2500
Styrene		2500	U	21	2500
Bromoform		2500	U	21	2500
1,1,2,2-Tetrachloroethane		2500	U	21	2500
Xylenes, Total		110	J	21	2500
cis-1,2-Dichloroethene		2200	J	21	2500
trans-1,2-Dichloroethene		2500	U	21	2500
Dichlorodifluoromethane		2500	U	21	2500
Trichlorofluoromethane		2500	U	21	2500
1,1,2-Trichloro-1,2,2-trifluoroethane		2500	U	21	2500
Methyl tert-butyl ether		2500	U	21	2500
1,2-Dibromoethane		2500	U	21	2500
Isopropylbenzene		2500	U	21	2500
1,3-Dichlorobenzene		2500	U	21	2500
1,4-Dichlorobenzene		2500	U	21	2500
1,2-Dichlorobenzene		2500	U	21	2500

Analytical Data

Client: Severn Trent Laboratories, Inc.

Job Number: 220-1636-1
Sdg Number: NY5A9350

Client Sample ID: **VB3-19-15.6-19.6**

Lab Sample ID: 220-1636-2
Client Matrix: Solid
% Moisture: 51.9
Date Sampled: 05/21/2007 1330
Date Received: 05/22/2007 0935

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B-Medium
Dilution: 1.0
Date Analyzed: 05/23/2007 1419
Date Prepared: 05/23/2007 1000
Analysis Batch: 220-6364
Prep Batch: 220-6362
Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O0468.D
Initial Weight/Volume: 4 g
Final Weight/Volume: 10 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2-Dibromo-3-Chloropropane		2500	U	21	2500
1,2,4-Trichlorobenzene		2500	U	21	2500
Methyl acetate		2500	U	21	2500
Cyclohexane		2500	U	21	2500
Methylcyclohexane		2500	U	21	2500

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107	70 - 121
4-Bromofluorobenzene	89	59 - 113
Toluene-d8 (Surr)	101	84 - 138

Analytical Data

Client: Severn Trent Laboratories, Inc.

Job Number: 220-1636-1
Sdg Number: NY5A9350

Client Sample ID: VB3-10-14.5-18.5

Lab Sample ID: 220-1636-3
Client Matrix: Solid
% Moisture: 36.0

Date Sampled: 05/21/2007 1520
Date Received: 05/22/2007 0935

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B-Medium
Dilution: 1.0
Date Analyzed: 05/23/2007 1330
Date Prepared: 05/23/2007 1000

Analysis Batch: 220-6364
Prep Batch: 220-6362

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O0466.D
Initial Weight/Volume: 4 g
Final Weight/Volume: 10 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		1900	U	16	1900
Vinyl chloride		1900	U	16	1900
Bromomethane		1900	U	16	1900
Chloroethane		1900	U	16	1900
1,1-Dichloroethene		1900	U	16	1900
Carbon disulfide		1900	U	16	1900
Acetone		10000	B U	16	1900
Methylene Chloride		35	J B U	16	1900
1,1-Dichloroethane		1900	U	16	1900
2-Butanone (MEK)		2200		16	1900
Chloroform		1900	U	16	1900
1,1,1-Trichloroethane		1900	U	16	1900
Carbon tetrachloride		1900	U	16	1900
Benzene		1900	U	16	1900
1,2-Dichloroethane		1900	U	16	1900
Trichloroethene		1900	U	16	1900
1,2-Dichloropropane		1900	U	16	1900
Bromodichloromethane		1900	U	16	1900
cis-1,3-Dichloropropene		1900	U	16	1900
4-Methyl-2-pentanone (MIBK)		1900	U	16	1900
Toluene		1900	U	16	1900
trans-1,3-Dichloropropene		1900	U	16	1900
1,1,2-Trichloroethane		1900	U	16	1900
Tetrachloroethene		4100		16	1900
2-Hexanone		1900	U	16	1900
Dibromochloromethane		1900	U	16	1900
Chlorobenzene		1900	U	16	1900
Ethylbenzene		1900	U	16	1900
Styrene		1900	U	16	1900
Bromoform		1900	U	16	1900
1,1,2,2-Tetrachloroethane		1900	U	16	1900
Xylenes, Total		1900	U	16	1900
cis-1,2-Dichloroethene		1900	U	16	1900
trans-1,2-Dichloroethene		1900	U	16	1900
Dichlorodifluoromethane		1900	U	16	1900
Trichlorofluoromethane		1900	U	16	1900
1,1,2-Trichloro-1,2,2-trifluoroethane		1900	U	16	1900
Methyl tert-butyl ether		1900	U	16	1900
1,2-Dibromoethane		1900	U	16	1900
Isopropylbenzene		1900	U	16	1900
1,3-Dichlorobenzene		1900	U	16	1900
1,4-Dichlorobenzene		1900	U	16	1900
1,2-Dichlorobenzene		1900	U	16	1900

Analytical Data

Client: Severn Trent Laboratories, Inc.

Job Number: 220-1636-1
Sdg Number: NY5A9350

Client Sample ID: **VB3-10-14.5-18.5**

Lab Sample ID: 220-1636-3
Client Matrix: Solid
% Moisture: 36.0
Date Sampled: 05/21/2007 1520
Date Received: 05/22/2007 0935

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B-Medium
Dilution: 1.0
Date Analyzed: 05/23/2007 1330
Date Prepared: 05/23/2007 1000
Analysis Batch: 220-6364
Prep Batch: 220-6362
Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O0466.D
Initial Weight/Volume: 4 g
Final Weight/Volume: 10 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2-Dibromo-3-Chloropropane		1900	U	16	1900
1,2,4-Trichlorobenzene		1900	U	16	1900
Methyl acetate		1900	U	16	1900
Cyclohexane		1900	U	16	1900
Methylcyclohexane		1900	U	16	1900

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103	70 - 121
4-Bromofluorobenzene	90	59 - 113
Toluene-d8 (Surr)	101	84 - 138

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Data Usability Summary Report for
STL Buffalo, Job No. A07-6290/A07-6358

12 Soil Samples and 1 MS/MSD
Collected June 7 and 8, 2007

Prepared by: Donald Anné
October 2, 2007

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contains the results for 12 soil samples and 1 MS/MSD analyzed for volatiles.

The overall performances of the analyses are acceptable. STL Buffalo did fulfill the requirements of the analytical method.

The data are acceptable with some minor issues that are identified in the accompanying data validation review. The following data were flagged:

- Positive volatile results for methylene chloride were flagged as "not detected" (U) in the following samples because the levels reported in the samples were not significantly greater (more than 10 times) than the associated methanol blank level.

  VB1-3-5.5-9.5 VB1-3-5.5-9.5DL VB1-7-15.8-19.8 VB1-8-15.4-18.4
  VB1-8-15.4-18.4DL VB3-25-15.8-19.8DL VB3D-1-15.1-19.1 VB3D-3-14.3-18.3
  VB3D-5-14.4-18.4

- Volatile results for 2 compounds in sample VB1-3-5.5-9.5 and results for tetrachloroethene in samples VB1-8-15.4-18.4 and VB3-25-15.8-19.8 were quantitated using data that were extrapolated beyond the highest calibration standard and flagged "E" by the laboratory. The results for these compounds were qualified as estimated (J) in the undiluted samples. It is recommended that the diluted results be used for those compounds.

- The positive volatile results for acetone were flagged as "estimated" (J) in the following samples because the %Ds for acetone were above the allowable maximums in the associated continuing calibrations.

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VB1-3-5.5-9.5	VB1-7-15.8-19.8	VB1-8-15.4-18.4	VB3-12-14.8-18.8
VB3-14-15.1-19.1	VB3-19-15.6-19.6	VB3-7-7-9	VB3D-1-15.1-19.1
VB3D-3-14.3-18.3	VB3D-5-14.4-18.4		

- The positive volatile results for 2-butanone were flagged as "estimated" (J) in the following samples because the %Ds for 2-butanone were above the allowable maximums in the associated continuing calibrations.

VB1-7-15.8-19.8	VB1-8-15.4-18.4	VB3-12-14.8-18.8	VB3-14-15.1-19.1
VB3-19-15.6-19.6	VB3-25-15.8-19.8DL	VB3-7-7-9	VB3D-1-15.1-19.1
VB3D-3-14.3-18.3	VB3D-5-14.4-18.4		

All data are considered usable, with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation review.

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QA/QC Review of Volatiles Data
for STL Buffalo, Job Nos. A07-6290/A07-6358

12 Soil Samples and 1 MS/MSD
Collected June 7 and 8, 2007

Prepared by: Donald Anné
October 2, 2007

Holding Times: Samples were analyzed within NYSDEC ASP holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The RRFs for trichloroethene (0.286, 0.294, and 0.289) were below the ASP minimum (0.300) for HP5973P on 06-08-07. No action is taken on two or fewer compounds per calibration outside ASP requirements, provided %RSDs are not greater than 40% and RRFs are not less than 0.010.

The average RRFs for target compounds were above the allowable minimum (0.050) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The %D for p-bromofluorobenzene (30.1%) was above the ASP maximum (25%) on 06-08-07 (P9171.RR). The %D for p-bromofluorobenzene (36.0%) was above the ASP maximum (25%) and the RRF50 for trichloroethene (0.2753) was below the ASP minimum (0.300) on 06-11-07 (P9199.RR). The %D for p-bromofluorobenzene (25.3%) was above the ASP maximum (25%) and the RRF50 for trichloroethene (0.2782) was below the ASP minimum (0.300) on 06-12-07 (P9224.RR). The %Ds for carbon tetrachloride (26.1%) and p-bromofluorobenzene (39.8%) were above the ASP maximum (25%) on 06-13-07 (P9262.RR). No action is taken on two or fewer compounds per calibration outside ASP requirements, provided %Ds are not greater than 40% and RRF50s are not less than 0.010.

The RRF50s for target compounds were above the allowable minimum (0.050), as required.

The %Ds for methylene chloride (26.0%), acetone (42.4%), and 2-butanone (43.7%) were above the allowable maximum (25%) on 06-11-07 (P9199.RR). The %Ds for acetone (44.4%) and 2-butanone (47.9%) were above the allowable maximum (25%) on 06-12-07

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(P9224.RR). The %Ds for 2-butanone (29.7%) and carbon tetrachloride (26.1%) were above the allowable maximum (25%) on 06-13-07 (P9262.RR). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: The analyses of method blanks reported target compounds as not detected. Holding blank 6/12/07 contained traces of acetone (2 ug/L) and tetrachloroethene (4 ug/L). Methanol blank 6/11/07 contained a trace of methylene chloride (200 ug/kg). Results for acetone and methylene chloride that are less than ten times the highest blank level should be reported as not detected (U) in associated samples. Results for tetrachloroethene that are less than five times the highest blank level should be reported as not detected (U) in associated samples.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Surrogate Recovery: The surrogate recoveries were within control limits for the soil samples.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences were below the allowable maximums and the percent recoveries were within control limits for MS/MSD sample VB3-25-15.8-19.8.

Matrix Spike Blank: The percent recoveries were within QC limits for samples VBLK69, VBLK70, VBLK71, and VBLK73.

Compound ID: Checked compounds were within GC quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

The results for 2 volatile compounds in sample VB1-3-5.5-9.5 and results for tetrachloroethene in samples VB1-8-15.4-18.4 and VB3-25-15.8-19.8 were quantitated by extrapolating data above the highest calibration standard and marked 'E' by the laboratory. The samples were diluted by the laboratory and re-analyzed; therefore, the results for these compounds that are flagged as 'E' in the undiluted samples should be considered estimated (J) and the use of the diluted results for these compounds is recommended. It is recommended that the undiluted results be used for all other compounds.

SAMPLE SUMMARY

SDG#: 6290

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A7635804	VB1-3-5.5-9.5	SOIL	06/07/2007	12:00	06/08/2007	09:45
A7635805	VB1-7-15.8-19.8	SOIL	06/07/2007	14:30	06/08/2007	09:45
A7635806	VB1-8-15.4-18.4	SOIL	06/07/2007	16:50	06/08/2007	09:45
A7629002	VB3-12-14.8-18.8	SOIL	06/06/2007	12:45	06/07/2007	08:45
A7629003	VB3-14-15.1-19.1	SOIL	06/06/2007	14:00	06/07/2007	08:45
A7629004	VB3-19-15.6-19.6	SOIL	06/06/2007	15:20	06/07/2007	08:45
A7629001	VB3-25-15.8-19.8	SOIL	06/06/2007	11:00	06/07/2007	08:45
A7629001MS	VB3-25-15.8-19.8	SOIL	06/06/2007	11:00	06/07/2007	08:45
A7629001SD	VB3-25-15.8-19.8	SOIL	06/06/2007	11:00	06/07/2007	08:45
A7629005	VB3-7-7-9	SOIL	06/06/2007	16:30	06/07/2007	08:45
A7629006	VB3-7-9-11.6	SOIL	06/06/2007	17:20	06/07/2007	08:45
A7635801	VB3D-1-15.1-19.1	SOIL	06/06/2007	18:30	06/08/2007	09:45
A7635802	VB3D-3-14.3-18.3	SOIL	06/07/2007	09:30	06/08/2007	09:45
A7635803	VB3D-5-14.4-18.4	SOIL	06/07/2007	10:30	06/08/2007	09:45

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-3-5.5-9.5

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 6290

Matrix: (soil/water) SOIL Lab Sample ID: A7635804

Sample wt/vol: 4.07 (g/mL) G Lab File ID: P9211.RR

Level: (low/med) MED Date Samp/Recv: 06/07/2007 06/08/2007

% Moisture: not dec. 60 Heated Purge: N Date Analyzed: 06/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	2900	U
74-83-9	Bromomethane	2900	U
75-01-4	Vinyl chloride	2900	U
75-00-3	Chloroethane	2900	U
75-09-2	Methylene chloride	550	J U
67-64-1	Acetone	14000	J
75-15-0	Carbon Disulfide	2900	U
75-35-4	1,1-Dichloroethene	2900	U
75-34-3	1,1-Dichloroethane	2900	U
67-66-3	Chloroform	2900	U
107-06-2	1,2-Dichloroethane	2900	U
78-93-3	2-Butanone	2900	U
71-55-6	1,1,1-Trichloroethane	2900	U
56-23-5	Carbon Tetrachloride	2900	U
75-27-4	Bromodichloromethane	2900	U
78-87-5	1,2-Dichloropropane	2900	U
10061-01-5	cis-1,3-Dichloropropene	2900	U
79-01-6	Trichloroethene	74000	E J
124-48-1	Dibromochloromethane	2900	U
79-00-5	1,1,2-Trichloroethane	2900	U
71-43-2	Benzene	2900	U
10061-02-6	trans-1,3-Dichloropropene	2900	U
75-25-2	Bromoform	2900	U
108-10-1	4-Methyl-2-pentanone	2900	U
591-78-6	2-Hexanone	2900	U
127-18-4	Tetrachloroethene	430000	E J
108-88-3	Toluene	2900	U
79-34-5	1,1,2,2-Tetrachloroethane	2900	U
108-90-7	Chlorobenzene	2900	U
100-41-4	Ethylbenzene	2900	U
100-42-5	Styrene	2900	U
1330-20-7	Total Xylenes	2900	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2900	U
156-59-2	cis-1,2-Dichloroethene	36000	

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-3-5.5-9.5

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 6290

Matrix: (soil/water) SOIL Lab Sample ID: A7635804

Sample wt/vol: 4.07 (g/mL) G Lab File ID: P9211.RR

Level: (low/med) MED Date Samp/Recv: 06/07/2007 06/08/2007

% Moisture: not dec. 60 Heated Purge: N Date Analyzed: 06/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	360	J
75-71-8	Dichlorodifluoromethane	2900	U
75-69-4	Trichlorofluoromethane	2900	U
79-20-9	Methyl acetate	2900	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	2900	U
110-82-7	Cyclohexane	2900	U
108-87-2	Methylcyclohexane	2900	U
106-93-4	1,2-Dibromoethane	2900	U
98-82-8	Isopropylbenzene	2900	U
541-73-1	1,3-Dichlorobenzene	2900	U
106-46-7	1,4-Dichlorobenzene	2900	U
95-50-1	1,2-Dichlorobenzene	2900	U
96-12-8	1,2-Dibromo-3-chloropropane	2900	U
120-82-1	1,2,4-Trichlorobenzene	2900	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB1-3-5.5-9.5

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 6290

Matrix: (soil/water) SOIL Lab Sample ID: A7635804

Sample wt/vol: 4.07 (g/mL) G Lab File ID: P9211.RR

Level: (low/med) MED Date Samp/Recv: 06/07/2007 06/08/2007

% Moisture: not dec. 59.5 Date Analyzed: 06/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 10 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.		UNKNOWN	18.65	9200	J
2.		UNKNOWN	19.28	11000	J
3.	6044-71-9	DODECANE, 6-METHYL	19.51	20000	JN
4.		UNKNOWN	20.27	8300	J
5.		UNKNOWN	20.33	6700	J
6.		UNKNOWN	20.43	15000	J
7.		UNKNOWN	22.07	9700	J
8.		UNKNOWN	22.18	7700	J
9.		UNKNOWN NAPTHALENE	22.55	10000	J
10.		UNKNOWN NAPTHALENE	22.94	23000	J

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-3-5.5-9.5 DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 6290

Matrix: (soil/water) SOIL Lab Sample ID: A7635804DL

Sample wt/vol: 4.07 (g/mL) G Lab File ID: P9228.RR

Level: (low/med) MED Date Samp/Recv: 06/07/2007 06/08/2007

% Moisture: not dec. 60 Heated Purge: N Date Analyzed: 06/12/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 20.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	58000	U
74-83-9	Bromomethane	58000	U
75-01-4	Vinyl chloride	58000	U
75-00-3	Chloroethane	58000	U
75-09-2	Methylene chloride	23000	DJ U
67-64-1	Acetone	58000	U
75-15-0	Carbon Disulfide	58000	U
75-35-4	1,1-Dichloroethene	58000	U
75-34-3	1,1-Dichloroethane	58000	U
67-66-3	Chloroform	58000	U
107-06-2	1,2-Dichloroethane	58000	U
78-93-3	2-Butanone	58000	U
71-55-6	1,1,1-Trichloroethane	58000	U
56-23-5	Carbon Tetrachloride	58000	U
75-27-4	Bromodichloromethane	58000	U
78-87-5	1,2-Dichloropropane	58000	U
10061-01-5	cis-1,3-Dichloropropene	58000	U
79-01-6	Trichloroethene	96000	D
124-48-1	Dibromochloromethane	58000	U
79-00-5	1,1,2-Trichloroethane	58000	U
71-43-2	Benzene	58000	U
10061-02-6	trans-1,3-Dichloropropene	58000	U
75-25-2	Bromoform	58000	U
108-10-1	4-Methyl-2-pentanone	58000	U
591-78-6	2-Hexanone	58000	U
127-18-4	Tetrachloroethene	880000	D
108-88-3	Toluene	58000	U
79-34-5	1,1,2,2-Tetrachloroethane	58000	U
108-90-7	Chlorobenzene	58000	U
100-41-4	Ethylbenzene	58000	U
100-42-5	Styrene	58000	U
1330-20-7	Total Xylenes	58000	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	58000	U
156-59-2	cis-1,2-Dichloroethene	42000	DJ

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-3-5.5-9.5 DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 6290

Matrix: (soil/water) SOIL Lab Sample ID: A7635804DL

Sample wt/vol: 4.07 (g/mL) G Lab File ID: P9228.RR

Level: (low/med) MED Date Samp/Recv: 06/07/2007 06/08/2007

% Moisture: not dec. 60 Heated Purge: N Date Analyzed: 06/12/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 20.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	58000	U
75-71-8	Dichlorodifluoromethane	58000	U
75-69-4	Trichlorofluoromethane	58000	U
79-20-9	Methyl acetate	58000	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	58000	U
110-82-7	Cyclohexane	58000	U
108-87-2	Methylcyclohexane	58000	U
106-93-4	1,2-Dibromoethane	58000	U
98-82-8	Isopropylbenzene	58000	U
541-73-1	1,3-Dichlorobenzene	58000	U
106-46-7	1,4-Dichlorobenzene	58000	U
95-50-1	1,2-Dichlorobenzene	58000	U
96-12-8	1,2-Dibromo-3-chloropropane	58000	U
120-82-1	1,2,4-Trichlorobenzene	58000	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB1-3-5.5-9.5 DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 6290

Matrix: (soil/water) SOIL Lab Sample ID: A7635804DL

Sample wt/vol: 4.07 (g/mL) G Lab File ID: P9228.RR

Level: (low/med) MED Date Samp/Recv: 06/07/2007 06/08/2007

% Moisture: not dec. 59.5 Date Analyzed: 06/12/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 20.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-7-15.8-19.8

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 6290

Matrix: (soil/water) SOIL Lab Sample ID: A7635805

Sample wt/vol: 4.01 (g/mL) G Lab File ID: P9229.RR

Level: (low/med) MED Date Samp/Recv: 06/07/2007 06/08/2007

% Moisture: not dec. 42 Heated Purge: N Date Analyzed: 06/12/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	2100	U
74-83-9	Bromomethane	2100	U
75-01-4	Vinyl chloride	2100	U
75-00-3	Chloroethane	2100	U
75-09-2	Methylene chloride	920	J U
67-64-1	Acetone	36000	J
75-15-0	Carbon Disulfide	2100	U
75-35-4	1,1-Dichloroethene	2100	U
75-34-3	1,1-Dichloroethane	2100	U
67-66-3	Chloroform	2100	U
107-06-2	1,2-Dichloroethane	2100	U
78-93-3	2-Butanone	12000	J
71-55-6	1,1,1-Trichloroethane	2100	U
56-23-5	Carbon Tetrachloride	2100	U
75-27-4	Bromodichloromethane	2100	U
78-87-5	1,2-Dichloropropane	2100	U
10061-01-5	cis-1,3-Dichloropropene	2100	U
79-01-6	Trichloroethene	1800	J
124-48-1	Dibromochloromethane	2100	U
79-00-5	1,1,2-Trichloroethane	2100	U
71-43-2	Benzene	2100	U
10061-02-6	trans-1,3-Dichloropropene	2100	U
75-25-2	Bromoform	2100	U
108-10-1	4-Methyl-2-pentanone	2100	U
591-78-6	2-Hexanone	2100	U
127-18-4	Tetrachloroethene	6100	
108-88-3	Toluene	2100	U
79-34-5	1,1,2,2-Tetrachloroethane	2100	U
108-90-7	Chlorobenzene	2100	U
100-41-4	Ethylbenzene	2100	U
100-42-5	Styrene	2100	U
1330-20-7	Total Xylenes	2100	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2100	U
156-59-2	cis-1,2-Dichloroethene	2200	

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-7-15.8-19.8

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 6290

Matrix: (soil/water) SOIL Lab Sample ID: A7635805

Sample wt/vol: 4.01 (g/mL) G Lab File ID: P9229.RR

Level: (low/med) MED Date Samp/Recv: 06/07/2007 06/08/2007

% Moisture: not dec. 42 Heated Purge: N Date Analyzed: 06/12/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	2100	U
75-71-8	Dichlorodifluoromethane	2100	U
75-69-4	Trichlorofluoromethane	2100	U
79-20-9	Methyl acetate	460	J
1634-04-4	Methyl-t-Butyl Ether (MTBE)	2100	U
110-82-7	Cyclohexane	2100	U
108-87-2	Methylcyclohexane	2100	U
106-93-4	1,2-Dibromoethane	2100	U
98-82-8	Isopropylbenzene	2100	U
541-73-1	1,3-Dichlorobenzene	2100	U
106-46-7	1,4-Dichlorobenzene	2100	U
95-50-1	1,2-Dichlorobenzene	2100	U
96-12-8	1,2-Dibromo-3-chloropropane	2100	U
120-82-1	1,2,4-Trichlorobenzene	2100	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB1-7-15.8-19.8

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 6290

Matrix: (soil/water) SOIL Lab Sample ID: A7635805

Sample wt/vol: 4.01 (g/mL) G Lab File ID: P9229.RR

Level: (low/med) MED Date Samp/Recv: 06/07/2007 06/08/2007

% Moisture: not dec. 42.5 Date Analyzed: 06/12/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-8-15.4-18.4

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 6290

Matrix: (soil/water) SOIL Lab Sample ID: A7635806

Sample wt/vol: 4.01 (g/mL) G Lab File ID: P9213.RR

Level: (low/med) MED Date Samp/Recv: 06/07/2007 06/08/2007

% Moisture: not dec. 41 Heated Purge: N Date Analyzed: 06/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	2000	U
74-83-9	Bromomethane	2000	U
75-01-4	Vinyl chloride	2000	U
75-00-3	Chloroethane	2000	U
75-09-2	Methylene chloride	430	J U
67-64-1	Acetone	12000	J
75-15-0	Carbon Disulfide	2000	U
75-35-4	1,1-Dichloroethene	2000	U
75-34-3	1,1-Dichloroethane	2000	U
67-66-3	Chloroform	2000	U
107-06-2	1,2-Dichloroethane	2000	U
78-93-3	2-Butanone	4400	J
71-55-6	1,1,1-Trichloroethane	2000	U
56-23-5	Carbon Tetrachloride	2000	U
75-27-4	Bromodichloromethane	2000	U
78-87-5	1,2-Dichloropropane	2000	U
10061-01-5	cis-1,3-Dichloropropene	2000	U
79-01-6	Trichloroethene	1100	J
124-48-1	Dibromochloromethane	2000	U
79-00-5	1,1,2-Trichloroethane	2000	U
71-43-2	Benzene	2000	U
10061-02-6	trans-1,3-Dichloropropene	2000	U
75-25-2	Bromoform	2000	U
108-10-1	4-Methyl-2-pentanone	2000	U
591-78-6	2-Hexanone	2000	U
127-18-4	Tetrachloroethene	190000	E J
108-88-3	Toluene	2000	U
79-34-5	1,1,2,2-Tetrachloroethane	2000	U
108-90-7	Chlorobenzene	2000	U
100-41-4	Ethylbenzene	2000	U
100-42-5	Styrene	2000	U
1330-20-7	Total Xylenes	2000	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2000	U
156-59-2	cis-1,2-Dichloroethene	1200	J

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-8-15.4-18.4

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 6290

Matrix: (soil/water) SOIL Lab Sample ID: A7635806

Sample wt/vol: 4.01 (g/mL) G Lab File ID: P9213.RR

Level: (low/med) MED Date Samp/Recv: 06/07/2007 06/08/2007

% Moisture: not dec. 41 Heated Purge: N Date Analyzed: 06/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	2000	U
75-71-8	Dichlorodifluoromethane	2000	U
75-69-4	Trichlorofluoromethane	2000	U
79-20-9	Methyl acetate	2000	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	2000	U
110-82-7	Cyclohexane	2000	U
108-87-2	Methylcyclohexane	2000	U
106-93-4	1,2-Dibromoethane	2000	U
98-82-8	Isopropylbenzene	2000	U
541-73-1	1,3-Dichlorobenzene	2000	U
106-46-7	1,4-Dichlorobenzene	2000	U
95-50-1	1,2-Dichlorobenzene	2000	U
96-12-8	1,2-Dibromo-3-chloropropane	2000	U
120-82-1	1,2,4-Trichlorobenzene	2000	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB1-8-15.4-18.4

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 6290

Matrix: (soil/water) SOIL Lab Sample ID: A7635806

Sample wt/vol: 4.01 (g/mL) G Lab File ID: P9213.RR

Level: (low/med) MED Date Samp/Recv: 06/07/2007 06/08/2007

% Moisture: not dec. 41.4 Date Analyzed: 06/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-8-15.4-18.4 DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 6290

Matrix: (soil/water) SOIL Lab Sample ID: A7635806DL

Sample wt/vol: 4.01 (g/mL) G Lab File ID: P9270.RR

Level: (low/med) MED Date Samp/Recv: 06/07/2007 06/08/2007

% Moisture: not dec. 41 Heated Purge: N Date Analyzed: 06/13/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 20.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	41000	U
74-83-9	Bromomethane	41000	U
75-01-4	Vinyl chloride	41000	U
75-00-3	Chloroethane	41000	U
75-09-2	Methylene chloride	7200	DJU
67-64-1	Acetone	41000	U
75-15-0	Carbon Disulfide	41000	U
75-35-4	1,1-Dichloroethene	41000	U
75-34-3	1,1-Dichloroethane	41000	U
67-66-3	Chloroform	41000	U
107-06-2	1,2-Dichloroethane	41000	U
78-93-3	2-Butanone	41000	U
71-55-6	1,1,1-Trichloroethane	41000	U
56-23-5	Carbon Tetrachloride	41000	U
75-27-4	Bromodichloromethane	41000	U
78-87-5	1,2-Dichloropropane	41000	U
10061-01-5	cis-1,3-Dichloropropene	41000	U
79-01-6	Trichloroethene	41000	U
124-48-1	Dibromochloromethane	41000	U
79-00-5	1,1,2-Trichloroethane	41000	U
71-43-2	Benzene	41000	U
10061-02-6	trans-1,3-Dichloropropene	41000	U
75-25-2	Bromoform	41000	U
108-10-1	4-Methyl-2-pentanone	41000	U
591-78-6	2-Hexanone	41000	U
127-18-4	Tetrachloroethene	550000	D
108-88-3	Toluene	41000	U
79-34-5	1,1,2,2-Tetrachloroethane	41000	U
108-90-7	Chlorobenzene	41000	U
100-41-4	Ethylbenzene	41000	U
100-42-5	Styrene	41000	U
1330-20-7	Total Xylenes	41000	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	41000	U
156-59-2	cis-1,2-Dichloroethene	41000	U

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-8-15.4-18.4 DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 6290

Matrix: (soil/water) SOIL Lab Sample ID: A7635806DL

Sample wt/vol: 4.01 (g/mL) G Lab File ID: P9270.RR

Level: (low/med) MED Date Samp/Recv: 06/07/2007 06/08/2007

% Moisture: not dec. 41 Heated Purge: N Date Analyzed: 06/13/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 20.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	41000	U
75-71-8	Dichlorodifluoromethane	41000	U
75-69-4	Trichlorofluoromethane	41000	U
79-20-9	Methyl acetate	41000	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	41000	U
110-82-7	Cyclohexane	41000	U
108-87-2	Methylcyclohexane	41000	U
106-93-4	1,2-Dibromoethane	41000	U
98-82-8	Isopropylbenzene	41000	U
541-73-1	1,3-Dichlorobenzene	41000	U
106-46-7	1,4-Dichlorobenzene	41000	U
95-50-1	1,2-Dichlorobenzene	41000	U
96-12-8	1,2-Dibromo-3-chloropropane	41000	U
120-82-1	1,2,4-Trichlorobenzene	41000	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB1-8-15.4-18.4 DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 6290

Matrix: (soil/water) SOIL Lab Sample ID: A7635806DL

Sample wt/vol: 4.01 (g/mL) G Lab File ID: P9270.RR

Level: (low/med) MED Date Samp/Recv: 06/07/2007 06/08/2007

% Moisture: not dec. 41.4 Date Analyzed: 06/13/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 20.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-12-14.8-18.8

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 6290

Matrix: (soil/water) SOIL Lab Sample ID: A7629002

Sample wt/vol: 4.10 (g/mL) G Lab File ID: P9204.RR

Level: (low/med) MED Date Samp/Recv: 06/06/2007 06/07/2007

% Moisture: not dec. 47 Heated Purge: N Date Analyzed: 06/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	2200	U
74-83-9	Bromomethane	2200	U
75-01-4	Vinyl chloride	2200	U
75-00-3	Chloroethane	2200	U
75-09-2	Methylene chloride	2200	U
67-64-1	Acetone	15000	J
75-15-0	Carbon Disulfide	2200	U
75-35-4	1,1-Dichloroethene	2200	U
75-34-3	1,1-Dichloroethane	2200	U
67-66-3	Chloroform	2200	U
107-06-2	1,2-Dichloroethane	2200	U
78-93-3	2-Butanone	4100	J
71-55-6	1,1,1-Trichloroethane	2200	U
56-23-5	Carbon Tetrachloride	2200	U
75-27-4	Bromodichloromethane	2200	U
78-87-5	1,2-Dichloropropane	2200	U
10061-01-5	cis-1,3-Dichloropropene	2200	U
79-01-6	Trichloroethene	6700	
124-48-1	Dibromochloromethane	2200	U
79-00-5	1,1,2-Trichloroethane	2200	U
71-43-2	Benzene	2200	U
10061-02-6	trans-1,3-Dichloropropene	2200	U
75-25-2	Bromoform	2200	U
108-10-1	4-Methyl-2-pentanone	2200	U
591-78-6	2-Hexanone	2200	U
127-18-4	Tetrachloroethene	31000	
108-88-3	Toluene	2200	U
79-34-5	1,1,2,2-Tetrachloroethane	2200	U
108-90-7	Chlorobenzene	2200	U
100-41-4	Ethylbenzene	2200	U
100-42-5	Styrene	2200	U
1330-20-7	Total Xylenes	2200	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2200	U
156-59-2	cis-1,2-Dichloroethene	5700	

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-12-14.8-18.8

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 6290

Matrix: (soil/water) SOIL Lab Sample ID: A7629002

Sample wt/vol: 4.10 (g/mL) G Lab File ID: P9204.RR

Level: (low/med) MED Date Samp/Recv: 06/06/2007 06/07/2007

% Moisture: not dec. 47 Heated Purge: N Date Analyzed: 06/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	2200	U
75-71-8	Dichlorodifluoromethane	2200	U
75-69-4	Trichlorofluoromethane	2200	U
79-20-9	Methyl acetate	2200	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	2200	U
110-82-7	Cyclohexane	2200	U
108-87-2	Methylcyclohexane	2200	U
106-93-4	1,2-Dibromoethane	2200	U
98-82-8	Isopropylbenzene	2200	U
541-73-1	1,3-Dichlorobenzene	2200	U
106-46-7	1,4-Dichlorobenzene	2200	U
95-50-1	1,2-Dichlorobenzene	2200	U
96-12-8	1,2-Dibromo-3-chloropropane	2200	U
120-82-1	1,2,4-Trichlorobenzene	2200	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB3-12-14.8-18.8

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 6290

Matrix: (soil/water) SOIL Lab Sample ID: A7629002

Sample wt/vol: 4.10 (g/mL) G Lab File ID: P9204.RR

Level: (low/med) MED Date Samp/Recv: 06/06/2007 06/07/2007

% Moisture: not dec. 47.3 Date Analyzed: 06/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	Compound Name	RT	Est. Conc.	Q

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-14-15.1-19.1

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 6290

Matrix: (soil/water) SOIL Lab Sample ID: A7629003

Sample wt/vol: 4.05 (g/mL) G Lab File ID: P9205.RR

Level: (low/med) MED Date Samp/Recv: 06/06/2007 06/07/2007

% Moisture: not dec. 48 Heated Purge: N Date Analyzed: 06/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	2300	U
74-83-9	Bromomethane	2300	U
75-01-4	Vinyl chloride	240	J
75-00-3	Chloroethane	2300	U
75-09-2	Methylene chloride	2300	U
67-64-1	Acetone	8700	J
75-15-0	Carbon Disulfide	2300	U
75-35-4	1,1-Dichloroethene	2300	U
75-34-3	1,1-Dichloroethane	2300	U
67-66-3	Chloroform	2300	U
107-06-2	1,2-Dichloroethane	2300	U
78-93-3	2-Butanone	2500	J
71-55-6	1,1,1-Trichloroethane	2300	U
56-23-5	Carbon Tetrachloride	2300	U
75-27-4	Bromodichloromethane	2300	U
78-87-5	1,2-Dichloropropane	2300	U
10061-01-5	cis-1,3-Dichloropropene	2300	U
79-01-6	Trichloroethene	3400	
124-48-1	Dibromochloromethane	2300	U
79-00-5	1,1,2-Trichloroethane	2300	U
71-43-2	Benzene	2300	U
10061-02-6	trans-1,3-Dichloropropene	2300	U
75-25-2	Bromoform	2300	U
108-10-1	4-Methyl-2-pentanone	2300	U
591-78-6	2-Hexanone	2300	U
127-18-4	Tetrachloroethene	19000	
108-88-3	Toluene	2300	U
79-34-5	1,1,2,2-Tetrachloroethane	2300	U
108-90-7	Chlorobenzene	2300	U
100-41-4	Ethylbenzene	2300	U
100-42-5	Styrene	2300	U
1330-20-7	Total Xylenes	2300	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2300	U
156-59-2	cis-1,2-Dichloroethene	1800	J

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-14-15.1-19.1

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 6290

Matrix: (soil/water) SOIL Lab Sample ID: A7629003

Sample wt/vol: 4.05 (g/mL) G Lab File ID: P9205.RR

Level: (low/med) MED Date Samp/Recv: 06/06/2007 06/07/2007

% Moisture: not dec. 48 Heated Purge: N Date Analyzed: 06/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	2300	U
75-71-8	Dichlorodifluoromethane	2300	U
75-69-4	Trichlorofluoromethane	2300	U
79-20-9	Methyl acetate	2300	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	2300	U
110-82-7	Cyclohexane	2300	U
108-87-2	Methylcyclohexane	2300	U
106-93-4	1,2-Dibromoethane	2300	U
98-82-8	Isopropylbenzene	2300	U
541-73-1	1,3-Dichlorobenzene	2300	U
106-46-7	1,4-Dichlorobenzene	2300	U
95-50-1	1,2-Dichlorobenzene	2300	U
96-12-8	1,2-Dibromo-3-chloropropane	2300	U
120-82-1	1,2,4-Trichlorobenzene	2300	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB3-14-15.1-19.1

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 6290

Matrix: (soil/water) SOIL Lab Sample ID: A7629003

Sample wt/vol: 4.05 (g/mL) G Lab File ID: P9205.RR

Level: (low/med) MED Date Samp/Recv: 06/06/2007 06/07/2007

% Moisture: not dec. 48.0 Date Analyzed: 06/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	6.42	1700	J

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-19-15.6-19.6

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 6290

Matrix: (soil/water) SOIL Lab Sample ID: A7629004

Sample wt/vol: 4.29 (g/mL) G Lab File ID: P9206.RR

Level: (low/med) MED Date Samp/Recv: 06/06/2007 06/07/2007

% Moisture: not dec. 50 Heated Purge: N Date Analyzed: 06/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	2200	U
74-83-9	Bromomethane	2200	U
75-01-4	Vinyl chloride	2200	U
75-00-3	Chloroethane	2200	U
75-09-2	Methylene chloride	2200	U
67-64-1	Acetone	17000	J
75-15-0	Carbon Disulfide	2200	U
75-35-4	1,1-Dichloroethene	2200	U
75-34-3	1,1-Dichloroethane	2200	U
67-66-3	Chloroform	2200	U
107-06-2	1,2-Dichloroethane	2200	U
78-93-3	2-Butanone	4700	J
71-55-6	1,1,1-Trichloroethane	2200	U
56-23-5	Carbon Tetrachloride	2200	U
75-27-4	Bromodichloromethane	2200	U
78-87-5	1,2-Dichloropropane	2200	U
10061-01-5	cis-1,3-Dichloropropene	2200	U
79-01-6	Trichloroethene	1600	J
124-48-1	Dibromochloromethane	2200	U
79-00-5	1,1,2-Trichloroethane	2200	U
71-43-2	Benzene	2200	U
10061-02-6	trans-1,3-Dichloropropene	2200	U
75-25-2	Bromoform	2200	U
108-10-1	4-Methyl-2-pentanone	2200	U
591-78-6	2-Hexanone	2200	U
127-18-4	Tetrachloroethene	5700	
108-88-3	Toluene	2200	U
79-34-5	1,1,2,2-Tetrachloroethane	2200	U
108-90-7	Chlorobenzene	2200	U
100-41-4	Ethylbenzene	2200	U
100-42-5	Styrene	2200	U
1330-20-7	Total Xylenes	2200	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2200	U
156-59-2	cis-1,2-Dichloroethene	2300	

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-19-15.6-19.6

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 6290

Matrix: (soil/water) SOIL Lab Sample ID: A7629004

Sample wt/vol: 4.29 (g/mL) G Lab File ID: P9206.RR

Level: (low/med) MED Date Samp/Recv: 06/06/2007 06/07/2007

% Moisture: not dec. 50 Heated Purge: N Date Analyzed: 06/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	2200	U
75-71-8	Dichlorodifluoromethane	2200	U
75-69-4	Trichlorofluoromethane	2200	U
79-20-9	Methyl acetate	2200	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	2200	U
110-82-7	Cyclohexane	2200	U
108-87-2	Methylcyclohexane	2200	U
106-93-4	1,2-Dibromoethane	2200	U
98-82-8	Isopropylbenzene	2200	U
541-73-1	1,3-Dichlorobenzene	2200	U
106-46-7	1,4-Dichlorobenzene	2200	U
95-50-1	1,2-Dichlorobenzene	2200	U
96-12-8	1,2-Dibromo-3-chloropropane	2200	U
120-82-1	1,2,4-Trichlorobenzene	2200	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB3-19-15.6-19.6

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 6290

Matrix: (soil/water) SOIL Lab Sample ID: A7629004

Sample wt/vol: 4.29 (g/mL) G Lab File ID: P9206.RR

Level: (low/med) MED Date Samp/Recv: 06/06/2007 06/07/2007

% Moisture: not dec. 50.3 Date Analyzed: 06/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-25-15.8-19.8

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 6290

Matrix: (soil/water) SOIL Lab Sample ID: A7629001

Sample wt/vol: 4.12 (g/mL) G Lab File ID: P9175.RR

Level: (low/med) MED Date Samp/Recv: 06/06/2007 06/07/2007

% Moisture: not dec. 48 Heated Purge: N Date Analyzed: 06/08/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	2200	U
74-83-9	Bromomethane	2200	U
75-01-4	Vinyl chloride	2200	U
75-00-3	Chloroethane	2200	U
75-09-2	Methylene chloride	2200	U
67-64-1	Acetone	30000	
75-15-0	Carbon Disulfide	2200	U
75-35-4	1,1-Dichloroethene	2200	U
75-34-3	1,1-Dichloroethane	2200	U
67-66-3	Chloroform	2200	U
107-06-2	1,2-Dichloroethane	2200	U
78-93-3	2-Butanone	8200	
71-55-6	1,1,1-Trichloroethane	2200	U
56-23-5	Carbon Tetrachloride	2200	U
75-27-4	Bromodichloromethane	2200	U
78-87-5	1,2-Dichloropropane	2200	U
10061-01-5	cis-1,3-Dichloropropene	2200	U
79-01-6	Trichloroethene	3300	
124-48-1	Dibromochloromethane	2200	U
79-00-5	1,1,2-Trichloroethane	2200	U
71-43-2	Benzene	2200	U
10061-02-6	trans-1,3-Dichloropropene	2200	U
75-25-2	Bromoform	2200	U
108-10-1	4-Methyl-2-pentanone	2200	U
591-78-6	2-Hexanone	2200	U
127-18-4	Tetrachloroethene	120000	E J
108-88-3	Toluene	2200	U
79-34-5	1,1,2,2-Tetrachloroethane	2200	U
108-90-7	Chlorobenzene	2200	U
100-41-4	Ethylbenzene	2200	U
100-42-5	Styrene	2200	U
1330-20-7	Total Xylenes	2200	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2200	U
156-59-2	cis-1,2-Dichloroethene	1900	J

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-25-15.8-19.8

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 6290

Matrix: (soil/water) SOIL Lab Sample ID: A7629001

Sample wt/vol: 4.12 (g/mL) G Lab File ID: P9175.RR

Level: (low/med) MED Date Samp/Recv: 06/06/2007 06/07/2007

% Moisture: not dec. 48 Heated Purge: N Date Analyzed: 06/08/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	2200	U
75-71-8	Dichlorodifluoromethane	2200	U
75-69-4	Trichlorofluoromethane	2200	U
79-20-9	Methyl acetate	2200	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	2200	U
110-82-7	Cyclohexane	2200	U
108-87-2	Methylcyclohexane	2200	U
106-93-4	1,2-Dibromoethane	2200	U
98-82-8	Isopropylbenzene	2200	U
541-73-1	1,3-Dichlorobenzene	2200	U
106-46-7	1,4-Dichlorobenzene	2200	U
95-50-1	1,2-Dichlorobenzene	2200	U
96-12-8	1,2-Dibromo-3-chloropropane	2200	U
120-82-1	1,2,4-Trichlorobenzene	2200	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB3-25-15.8-19.8

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 6290

Matrix: (soil/water) SOIL Lab Sample ID: A7629001

Sample wt/vol: 4.12 (g/mL) G Lab File ID: P9175.RR

Level: (low/med) MED Date Samp/Recv: 06/06/2007 06/07/2007

% Moisture: not dec. 47.5 Date Analyzed: 06/08/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-25-15.8-19.8 DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 6290

Matrix: (soil/water) SOIL Lab Sample ID: A7629001DL

Sample wt/vol: 4.12 (g/mL) G Lab File ID: P9227.RR

Level: (low/med) MED Date Samp/Recv: 06/06/2007 06/07/2007

% Moisture: not dec. 48 Heated Purge: N Date Analyzed: 06/12/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 10.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	22000	U
74-83-9	Bromomethane	22000	U
75-01-4	Vinyl chloride	22000	U
75-00-3	Chloroethane	22000	U
75-09-2	Methylene chloride	8900	DJ U
67-64-1	Acetone	77000	D
75-15-0	Carbon Disulfide	22000	U
75-35-4	1,1-Dichloroethene	22000	U
75-34-3	1,1-Dichloroethane	22000	U
67-66-3	Chloroform	22000	U
107-06-2	1,2-Dichloroethane	22000	U
78-93-3	2-Butanone	17000	DJ J
71-55-6	1,1,1-Trichloroethane	22000	U
56-23-5	Carbon Tetrachloride	22000	U
75-27-4	Bromodichloromethane	22000	U
78-87-5	1,2-Dichloropropane	22000	U
10061-01-5	cis-1,3-Dichloropropene	22000	U
79-01-6	Trichloroethene	4600	DJ
124-48-1	Dibromochloromethane	22000	U
79-00-5	1,1,2-Trichloroethane	22000	U
71-43-2	Benzene	22000	U
10061-02-6	trans-1,3-Dichloropropene	22000	U
75-25-2	Bromoform	22000	U
108-10-1	4-Methyl-2-pentanone	22000	U
591-78-6	2-Hexanone	22000	U
127-18-4	Tetrachloroethene	260000	D
108-88-3	Toluene	22000	U
79-34-5	1,1,2,2-Tetrachloroethane	22000	U
108-90-7	Chlorobenzene	22000	U
100-41-4	Ethylbenzene	22000	U
100-42-5	Styrene	22000	U
1330-20-7	Total Xylenes	22000	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	22000	U
156-59-2	cis-1,2-Dichloroethene	22000	U

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-25-15.8-19.8 DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 6290

Matrix: (soil/water) SOIL Lab Sample ID: A7629001DL

Sample wt/vol: 4.12 (g/mL) G Lab File ID: P9227.RR

Level: (low/med) MED Date Samp/Recv: 06/06/2007 06/07/2007

% Moisture: not dec. 48 Heated Purge: N Date Analyzed: 06/12/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 10.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	22000	U
75-71-8	Dichlorodifluoromethane	22000	U
75-69-4	Trichlorofluoromethane	22000	U
79-20-9	Methyl acetate	22000	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	22000	U
110-82-7	Cyclohexane	22000	U
108-87-2	Methylcyclohexane	22000	U
106-93-4	1,2-Dibromoethane	22000	U
98-82-8	Isopropylbenzene	22000	U
541-73-1	1,3-Dichlorobenzene	22000	U
106-46-7	1,4-Dichlorobenzene	22000	U
95-50-1	1,2-Dichlorobenzene	22000	U
96-12-8	1,2-Dibromo-3-chloropropane	22000	U
120-82-1	1,2,4-Trichlorobenzene	22000	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB3-25-15.8-19.8 DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 6290

Matrix: (soil/water) SOIL Lab Sample ID: A7629001DL

Sample wt/vol: 4.12 (g/mL) G Lab File ID: P9227.RR

Level: (low/med) MED Date Samp/Recv: 06/06/2007 06/07/2007

% Moisture: not dec. 47.5 Date Analyzed: 06/12/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 10.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-7-7-9

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 6290

Matrix: (soil/water) SOIL Lab Sample ID: A7629005

Sample wt/vol: 4.13 (g/mL) G Lab File ID: P9207.RR

Level: (low/med) MED Date Samp/Recv: 06/06/2007 06/07/2007

% Moisture: not dec. 59 Heated Purge: N Date Analyzed: 06/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	2800	U
74-83-9	Bromomethane	2800	U
75-01-4	Vinyl chloride	2800	U
75-00-3	Chloroethane	2800	U
75-09-2	Methylene chloride	2800	U
67-64-1	Acetone	38000	J
75-15-0	Carbon Disulfide	2800	U
75-35-4	1,1-Dichloroethene	2800	U
75-34-3	1,1-Dichloroethane	2800	U
67-66-3	Chloroform	2800	U
107-06-2	1,2-Dichloroethane	2800	U
78-93-3	2-Butanone	7200	J
71-55-6	1,1,1-Trichloroethane	2800	U
56-23-5	Carbon Tetrachloride	2800	U
75-27-4	Bromodichloromethane	2800	U
78-87-5	1,2-Dichloropropane	2800	U
10061-01-5	cis-1,3-Dichloropropene	2800	U
79-01-6	Trichloroethene	1200	J
124-48-1	Dibromochloromethane	2800	U
79-00-5	1,1,2-Trichloroethane	2800	U
71-43-2	Benzene	2800	U
10061-02-6	trans-1,3-Dichloropropene	2800	U
75-25-2	Bromoform	2800	U
108-10-1	4-Methyl-2-pentanone	2800	U
591-78-6	2-Hexanone	2800	U
127-18-4	Tetrachloroethene	11000	
108-88-3	Toluene	2800	U
79-34-5	1,1,2,2-Tetrachloroethane	2800	U
108-90-7	Chlorobenzene	2800	U
100-41-4	Ethylbenzene	2800	U
100-42-5	Styrene	2800	U
1330-20-7	Total Xylenes	2800	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2800	U
156-59-2	cis-1,2-Dichloroethene	760	J

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-7-7-9

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 6290

Matrix: (soil/water) SOIL Lab Sample ID: A7629005

Sample wt/vol: 4.13 (g/mL) G Lab File ID: P9207.RR

Level: (low/med) MED Date Samp/Recv: 06/06/2007 06/07/2007

% Moisture: not dec. 59 Heated Purge: N Date Analyzed: 06/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	2800	U
75-71-8	Dichlorodifluoromethane	2800	U
75-69-4	Trichlorofluoromethane	2800	U
79-20-9	Methyl acetate	2800	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	2800	U
110-82-7	Cyclohexane	2800	U
108-87-2	Methylcyclohexane	2800	U
106-93-4	1,2-Dibromoethane	2800	U
98-82-8	Isopropylbenzene	2800	U
541-73-1	1,3-Dichlorobenzene	2800	U
106-46-7	1,4-Dichlorobenzene	2800	U
95-50-1	1,2-Dichlorobenzene	2800	U
96-12-8	1,2-Dibromo-3-chloropropane	2800	U
120-82-1	1,2,4-Trichlorobenzene	2800	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB3-7-7-9

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 6290

Matrix: (soil/water) SOIL Lab Sample ID: A7629005

Sample wt/vol: 4.13 (g/mL) G Lab File ID: P9207.RR

Level: (low/med) MED Date Samp/Recv: 06/06/2007 06/07/2007

% Moisture: not dec. 59.0 Date Analyzed: 06/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN BENZENE DERIVAITIVE	16.98	2100	J

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-7-9-11.6

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 6290

Matrix: (soil/water) SOIL Lab Sample ID: A7629006

Sample wt/vol: 4.11 (g/mL) G Lab File ID: P9182.RR

Level: (low/med) MED Date Samp/Recv: 06/06/2007 06/07/2007

% Moisture: not dec. 51 Heated Purge: N Date Analyzed: 06/09/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	2400	U
74-83-9	Bromomethane	2400	U
75-01-4	Vinyl chloride	2400	U
75-00-3	Chloroethane	2400	U
75-09-2	Methylene chloride	2400	U
67-64-1	Acetone	15000	
75-15-0	Carbon Disulfide	2400	U
75-35-4	1,1-Dichloroethene	2400	U
75-34-3	1,1-Dichloroethane	2400	U
67-66-3	Chloroform	2400	U
107-06-2	1,2-Dichloroethane	2400	U
78-93-3	2-Butanone	3200	
71-55-6	1,1,1-Trichloroethane	2400	U
56-23-5	Carbon Tetrachloride	2400	U
75-27-4	Bromodichloromethane	2400	U
78-87-5	1,2-Dichloropropane	2400	U
10061-01-5	cis-1,3-Dichloropropene	2400	U
79-01-6	Trichloroethene	2400	U
124-48-1	Dibromochloromethane	2400	U
79-00-5	1,1,2-Trichloroethane	2400	U
71-43-2	Benzene	2400	U
10061-02-6	trans-1,3-Dichloropropene	2400	U
75-25-2	Bromoform	2400	U
108-10-1	4-Methyl-2-pentanone	2400	U
591-78-6	2-Hexanone	2400	U
127-18-4	Tetrachloroethene	860	J
108-88-3	Toluene	2400	U
79-34-5	1,1,2,2-Tetrachloroethane	2400	U
108-90-7	Chlorobenzene	2400	U
100-41-4	Ethylbenzene	2400	U
100-42-5	Styrene	2400	U
1330-20-7	Total Xylenes	2400	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2400	U
156-59-2	cis-1,2-Dichloroethene	2400	U

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3-7-9-11.6

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 6290

Matrix: (soil/water) SOIL Lab Sample ID: A7629006

Sample wt/vol: 4.11 (g/mL) G Lab File ID: P9182.RR

Level: (low/med) MED Date Samp/Recv: 06/06/2007 06/07/2007

% Moisture: not dec. 51 Heated Purge: N Date Analyzed: 06/09/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	2400	U
75-71-8	Dichlorodifluoromethane	2400	U
75-69-4	Trichlorofluoromethane	2400	U
79-20-9	Methyl acetate	2400	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	2400	U
110-82-7	Cyclohexane	2400	U
108-87-2	Methylcyclohexane	2400	U
106-93-4	1,2-Dibromoethane	2400	U
98-82-8	Isopropylbenzene	2400	U
541-73-1	1,3-Dichlorobenzene	2400	U
106-46-7	1,4-Dichlorobenzene	2400	U
95-50-1	1,2-Dichlorobenzene	2400	U
96-12-8	1,2-Dibromo-3-chloropropane	2400	U
120-82-1	1,2,4-Trichlorobenzene	2400	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB3-7-9-11.6

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: ____ SAS No.: _____ SDG No.: 6290

Matrix: (soil/water) SOIL Lab Sample ID: A7629006

Sample wt/vol: 4.11 (g/mL) G Lab File ID: P9182.RR

Level: (low/med) MED Date Samp/Recv: 06/06/2007 06/07/2007

% Moisture: not dec. 51.5 Date Analyzed: 06/09/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3D-1-15.1-19.1

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 6290

Matrix: (soil/water) SOIL Lab Sample ID: A7635801

Sample wt/vol: 4.14 (g/mL) G Lab File ID: P9208.RR

Level: (low/med) MED Date Samp/Recv: 06/06/2007 06/08/2007

% Moisture: not dec. 39 Heated Purge: N Date Analyzed: 06/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	1900	U
74-83-9	Bromomethane	1900	U
75-01-4	Vinyl chloride	1900	U
75-00-3	Chloroethane	1900	U
75-09-2	Methylene chloride	380	J
67-64-1	Acetone	9400	J
75-15-0	Carbon Disulfide	1900	U
75-35-4	1,1-Dichloroethene	1900	U
75-34-3	1,1-Dichloroethane	1900	U
67-66-3	Chloroform	1900	U
107-06-2	1,2-Dichloroethane	1900	U
78-93-3	2-Butanone	2200	J
71-55-6	1,1,1-Trichloroethane	1900	U
56-23-5	Carbon Tetrachloride	1900	U
75-27-4	Bromodichloromethane	1900	U
78-87-5	1,2-Dichloropropane	1900	U
10061-01-5	cis-1,3-Dichloropropene	1900	U
79-01-6	Trichloroethene	320	J
124-48-1	Dibromochloromethane	1900	U
79-00-5	1,1,2-Trichloroethane	1900	U
71-43-2	Benzene	1900	U
10061-02-6	trans-1,3-Dichloropropene	1900	U
75-25-2	Bromoform	1900	U
108-10-1	4-Methyl-2-pentanone	1900	U
591-78-6	2-Hexanone	1900	U
127-18-4	Tetrachloroethene	20000	
108-88-3	Toluene	1900	U
79-34-5	1,1,2,2-Tetrachloroethane	1900	U
108-90-7	Chlorobenzene	1900	U
100-41-4	Ethylbenzene	1900	U
100-42-5	Styrene	1900	U
1330-20-7	Total Xylenes	1900	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1900	U
156-59-2	cis-1,2-Dichloroethene	1900	U

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3D-1-15.1-19.1

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 6290

Matrix: (soil/water) SOIL Lab Sample ID: A7635801

Sample wt/vol: 4.14 (g/mL) G Lab File ID: P9208.RR

Level: (low/med) MED Date Samp/Recv: 06/06/2007 06/08/2007

% Moisture: not dec. 39 Heated Purge: N Date Analyzed: 06/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	1900	U
75-71-8	Dichlorodifluoromethane	1900	U
75-69-4	Trichlorofluoromethane	1900	U
79-20-9	Methyl acetate	1900	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1900	U
110-82-7	Cyclohexane	1900	U
108-87-2	Methylcyclohexane	1900	U
106-93-4	1,2-Dibromoethane	1900	U
98-82-8	Isopropylbenzene	1900	U
541-73-1	1,3-Dichlorobenzene	1900	U
106-46-7	1,4-Dichlorobenzene	1900	U
95-50-1	1,2-Dichlorobenzene	1900	U
96-12-8	1,2-Dibromo-3-chloropropane	1900	U
120-82-1	1,2,4-Trichlorobenzene	1900	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB3D-1-15.1-19.1

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 6290

Matrix: (soil/water) SOIL Lab Sample ID: A7635801

Sample wt/vol: 4.14 (g/mL) G Lab File ID: P9208.RR

Level: (low/med) MED Date Samp/Recv: 06/06/2007 06/08/2007

% Moisture: not dec. 39.3 Date Analyzed: 06/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3D-3-14.3-18.3

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 6290

Matrix: (soil/water) SOIL Lab Sample ID: A7635802

Sample wt/vol: 4.10 (g/mL) G Lab File ID: P9209.RR

Level: (low/med) MED Date Samp/Recv: 06/07/2007 06/08/2007

% Moisture: not dec. 46 Heated Purge: N Date Analyzed: 06/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	2200	U
74-83-9	Bromomethane	2200	U
75-01-4	Vinyl chloride	2200	U
75-00-3	Chloroethane	2200	U
75-09-2	Methylene chloride	420	J U
67-64-1	Acetone	9400	J
75-15-0	Carbon Disulfide	2200	U
75-35-4	1,1-Dichloroethene	2200	U
75-34-3	1,1-Dichloroethane	2200	U
67-66-3	Chloroform	2200	U
107-06-2	1,2-Dichloroethane	2200	U
78-93-3	2-Butanone	2000	J J
71-55-6	1,1,1-Trichloroethane	2200	U
56-23-5	Carbon Tetrachloride	2200	U
75-27-4	Bromodichloromethane	2200	U
78-87-5	1,2-Dichloropropane	2200	U
10061-01-5	cis-1,3-Dichloropropene	2200	U
79-01-6	Trichloroethene	2200	U
124-48-1	Dibromochloromethane	2200	U
79-00-5	1,1,2-Trichloroethane	2200	U
71-43-2	Benzene	2200	U
10061-02-6	trans-1,3-Dichloropropene	2200	U
75-25-2	Bromoform	2200	U
108-10-1	4-Methyl-2-pentanone	2200	U
591-78-6	2-Hexanone	2200	U
127-18-4	Tetrachloroethene	6100	
108-88-3	Toluene	2200	U
79-34-5	1,1,2,2-Tetrachloroethane	2200	U
108-90-7	Chlorobenzene	2200	U
100-41-4	Ethylbenzene	2200	U
100-42-5	Styrene	2200	U
1330-20-7	Total Xylenes	2200	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2200	U
156-59-2	cis-1,2-Dichloroethene	2200	U

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3D-3-14.3-18.3

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 6290

Matrix: (soil/water) SOIL Lab Sample ID: A7635802

Sample wt/vol: 4.10 (g/mL) G Lab File ID: P9209.RR

Level: (low/med) MED Date Samp/Recv: 06/07/2007 06/08/2007

% Moisture: not dec. 46 Heated Purge: N Date Analyzed: 06/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	2200	U
75-71-8	Dichlorodifluoromethane	2200	U
75-69-4	Trichlorofluoromethane	2200	U
79-20-9	Methyl acetate	2200	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	2200	U
110-82-7	Cyclohexane	2200	U
108-87-2	Methylcyclohexane	2200	U
106-93-4	1,2-Dibromoethane	2200	U
98-82-8	Isopropylbenzene	2200	U
541-73-1	1,3-Dichlorobenzene	2200	U
106-46-7	1,4-Dichlorobenzene	2200	U
95-50-1	1,2-Dichlorobenzene	2200	U
96-12-8	1,2-Dibromo-3-chloropropane	2200	U
120-82-1	1,2,4-Trichlorobenzene	2200	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB3D-3-14.3-18.3

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 6290

Matrix: (soil/water) SOIL Lab Sample ID: A7635802

Sample wt/vol: 4.10 (g/mL) G Lab File ID: P9209.RR

Level: (low/med) MED Date Samp/Recv: 06/07/2007 06/08/2007

% Moisture: not dec. 45.7 Date Analyzed: 06/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3D-5-14.4-18.4

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 6290

Matrix: (soil/water) SOIL Lab Sample ID: A7635803

Sample wt/vol: 4.05 (g/mL) G Lab File ID: P9210.RR

Level: (low/med) MED Date Samp/Recv: 06/07/2007 06/08/2007

% Moisture: not dec. 46 Heated Purge: N Date Analyzed: 06/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	2200	U
74-83-9	Bromomethane	2200	U
75-01-4	Vinyl chloride	2200	U
75-00-3	Chloroethane	2200	U
75-09-2	Methylene chloride	410	J U
67-64-1	Acetone	13000	J
75-15-0	Carbon Disulfide	2200	U
75-35-4	1,1-Dichloroethene	2200	U
75-34-3	1,1-Dichloroethane	2200	U
67-66-3	Chloroform	2200	U
107-06-2	1,2-Dichloroethane	2200	U
78-93-3	2-Butanone	4000	J
71-55-6	1,1,1-Trichloroethane	2200	U
56-23-5	Carbon Tetrachloride	2200	U
75-27-4	Bromodichloromethane	2200	U
78-87-5	1,2-Dichloropropane	2200	U
10061-01-5	cis-1,3-Dichloropropene	2200	U
79-01-6	Trichloroethene	2200	U
124-48-1	Dibromochloromethane	2200	U
79-00-5	1,1,2-Trichloroethane	2200	U
71-43-2	Benzene	2200	U
10061-02-6	trans-1,3-Dichloropropene	2200	U
75-25-2	Bromoform	2200	U
108-10-1	4-Methyl-2-pentanone	2200	U
591-78-6	2-Hexanone	2200	U
127-18-4	Tetrachloroethene	5900	
108-88-3	Toluene	2200	U
79-34-5	1,1,2,2-Tetrachloroethane	2200	U
108-90-7	Chlorobenzene	2200	U
100-41-4	Ethylbenzene	2200	U
100-42-5	Styrene	2200	U
1330-20-7	Total Xylenes	2200	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2200	U
156-59-2	cis-1,2-Dichloroethene	2200	U

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB3D-5-14.4-18.4

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 6290

Matrix: (soil/water) SOIL Lab Sample ID: A7635803

Sample wt/vol: 4.05 (g/mL) G Lab File ID: P9210.RR

Level: (low/med) MED Date Samp/Recv: 06/07/2007 06/08/2007

% Moisture: not dec. 46 Heated Purge: N Date Analyzed: 06/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	2200	U
75-71-8	Dichlorodifluoromethane	2200	U
75-69-4	Trichlorofluoromethane	2200	U
79-20-9	Methyl acetate	2200	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	2200	U
110-82-7	Cyclohexane	2200	U
108-87-2	Methylcyclohexane	2200	U
106-93-4	1,2-Dibromoethane	2200	U
98-82-8	Isopropylbenzene	2200	U
541-73-1	1,3-Dichlorobenzene	2200	U
106-46-7	1,4-Dichlorobenzene	2200	U
95-50-1	1,2-Dichlorobenzene	2200	U
96-12-8	1,2-Dibromo-3-chloropropane	2200	U
120-82-1	1,2,4-Trichlorobenzene	2200	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB3D-5-14.4-18.4

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 6290

Matrix: (soil/water) SOIL Lab Sample ID: A7635803

Sample wt/vol: 4.05 (g/mL) G Lab File ID: P9210.RR

Level: (low/med) MED Date Samp/Recv: 06/07/2007 06/08/2007

% Moisture: not dec. 45.6 Date Analyzed: 06/11/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

ALPHA
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Geology
Hydrology
Remediation
Water Supply

Data Usability Summary Report for
STL Buffalo, Job No. A07-6436

5 Soil Samples
Collected June 7 and 8, 2007

Prepared by: Donald Anné
October 2, 2007

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contains the results for 5 soil samples analyzed for volatiles.

The overall performances of the analyses are acceptable. STL Buffalo did fulfill the requirements of the analytical method.

The data are acceptable with some minor issues that are identified in the accompanying data validation review. The following data were flagged:

- Positive volatile results for methylene chloride were flagged as "not detected" (U) in all 5 soil samples and dilutions because the levels reported in the samples were not significantly greater (more than 10 times) than the associated methanol blank level.

- The positive volatile result for tetrachloroethene was flagged as "not detected" (U) in sample VB1-9-11.6-15.6 because the level reported in the sample was not significantly greater (more than 5 times) than the associated holding blank level.

- Volatile results for tetrachloroethene in samples VB1-10-12.7-16.7, VB1-11-16.4-20.4, VB1-12-15.9-19.9, and VB1-17-15.5-19.5 were quantitated using data that were extrapolated beyond the highest calibration standard and flagged "E" by the laboratory. The results for tetrachloroethene were qualified as estimated (J) in the undiluted samples. It is recommended that the diluted results be used for tetrachloroethene.

- The positive volatile result for acetone was flagged as "estimated" (J) in samples VB1-11-16.4-20.4, VB1-12-15.9-19.9, VB1-17-15.5-19.5, and VB1-9-11.6-15.6 because the %Ds for acetone were above the allowable maximums in the associated continuing calibrations.

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- The positive volatile results for 2-butanone were flagged as "estimated" (J) in samples VB1-17-15.5-19.5 and VB1-9-11.6-15.6 because the %Ds for 2-butanone were above the allowable maximums in the associated continuing calibrations.

All data are considered usable, with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation review.

ALPHA
GEOSCIENCE
Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Volatiles Data
for STL Buffalo, Job Nos. A07-6436

5 Soil Samples
Collected June 7 and 8, 2007

Prepared by: Donald Anné
October 2, 2007

Holding Times: Samples were analyzed within NYSDEC ASP holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The RRFs for trichloroethene (0.286, 0.294, and 0.289) were below the ASP minimum (0.300) for HP5973P on 06-08-07. No action is taken on two or fewer compounds per calibration outside ASP requirements, provided %RSDs are not greater than 40% and RRFs are not less than 0.010.

The average RRFs for target compounds were above the allowable minimum (0.050) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The %D for p-bromofluorobenzene (25.3%) was above the ASP maximum (25%) and the RRF50 for trichloroethene (0.2782) was below the ASP minimum (0.300) on 06-12-07 (P9224.RR). The %Ds for carbon tetrachloride (26.1%) and p-bromofluorobenzene (39.8%) were above the ASP maximum (25%) on 06-13-07 (P9262.RR). No action is taken on two or fewer compounds per calibration outside ASP requirements, provided %Ds are not greater than 40% and RRF50s are not less than 0.010.

The RRF50s for target compounds were above the allowable minimum (0.050), as required.

The %Ds for acetone (44.4%) and 2-butanone (47.9%) were above the allowable maximum (25%) on 06-12-07 (P9224.RR). The %Ds for 2-butanone (29.7%) and carbon tetrachloride (26.1%) were above the allowable maximum (25%) on 06-13-07 (P9262.RR). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: The analyses of method blanks reported target compounds as not detected. Holding blank 6/12/07 contained a traces of tetrachloroethene (7 ug/L).

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Methanol blank 6/11/07 contained a trace of methylene chloride (200 ug/kg). Results for methylene chloride that are less than ten times the highest blank level should be reported as not detected (U) in associated samples. Results for tetrachloroethene that are less than five times the highest blank level should be reported as not detected (U) in associated samples.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Surrogate Recovery: The surrogate recoveries were within control limits for the soil samples.

Matrix Spike/Matrix Spike Duplicate: MS/MSD data were not provided in this data pack. No action is taken on MS/MSD data alone to qualify or reject an entire set of samples.

Matrix Spike Blank: The percent recoveries were within QC limits for samples VBLK70, VBLK71, and VBLK73.

Compound ID: Checked compounds were within GC quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

The results for tetrachloroethene in samples VB1-10-12.7-16.7, VB1-11-16.4-20.4, VB1-12-15.9-19.9, and VB1-17-15.5-19.5 were quantitated by extrapolating data above the highest calibration standard and marked 'E' by the laboratory. The samples were diluted by the laboratory and re-analyzed; therefore, the results for tetrachloroethene that are flagged as 'E' in the undiluted samples should be considered estimated (J) and the use of the diluted results for tetrachloroethene is recommended. It is recommended that the undiluted results be used for all other compounds.

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED		RECEIVED	
			DATE	TIME	DATE	TIME
A7643602	VB1-10-12.7-16.7	SOIL	06/08/2007	10:15	06/09/2007	09:00
A7643603	VB1-11-16.4-20.4	SOIL	06/08/2007	12:30	06/09/2007	09:00
A7643604	VB1-12-15.9-19.9	SOIL	06/08/2007	14:00	06/09/2007	09:00
A7643605	VB1-17-15.5-19.5	SOIL	06/08/2007	16:30	06/09/2007	09:00
A7643601	VB1-9-11.6-15.6	SOIL	06/07/2007	18:30	06/09/2007	09:00

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-10-12.7-16.7

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7643602

Sample wt/vol: 4.13 (g/mL) G Lab File ID: P9232.RR

Level: (low/med) MED Date Samp/Recv: 06/08/2007 06/09/2007

% Moisture: not dec. 45 Heated Purge: N Date Analyzed: 06/12/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 20.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	42000	U
74-83-9	Bromomethane	42000	U
75-01-4	Vinyl chloride	42000	U
75-00-3	Chloroethane	42000	U
75-09-2	Methylene chloride	17000	J U
67-64-1	Acetone	42000	U
75-15-0	Carbon Disulfide	42000	U
75-35-4	1,1-Dichloroethene	42000	U
75-34-3	1,1-Dichloroethane	42000	U
67-66-3	Chloroform	42000	U
107-06-2	1,2-Dichloroethane	42000	U
78-93-3	2-Butanone	42000	U
71-55-6	1,1,1-Trichloroethane	42000	U
56-23-5	Carbon Tetrachloride	42000	U
75-27-4	Bromodichloromethane	42000	U
78-87-5	1,2-Dichloropropane	42000	U
10061-01-5	cis-1,3-Dichloropropene	42000	U
79-01-6	Trichloroethene	22000	J
124-48-1	Dibromochloromethane	42000	U
79-00-5	1,1,2-Trichloroethane	42000	U
71-43-2	Benzene	42000	U
10061-02-6	trans-1,3-Dichloropropene	42000	U
75-25-2	Bromoform	42000	U
108-10-1	4-Methyl-2-pentanone	42000	U
591-78-6	2-Hexanone	42000	U
127-18-4	Tetrachloroethene	1400000	E J
108-88-3	Toluene	42000	U
79-34-5	1,1,2,2-Tetrachloroethane	42000	U
108-90-7	Chlorobenzene	42000	U
100-41-4	Ethylbenzene	42000	U
100-42-5	Styrene	42000	U
1330-20-7	Total Xylenes	42000	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	42000	U
156-59-2	cis-1,2-Dichloroethene	42000	U

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-10-12.7-16.7

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7643602

Sample wt/vol: 4.13 (g/mL) G Lab File ID: P9232.RR

Level: (low/med) MED Date Samp/Recv: 06/08/2007 06/09/2007

% Moisture: not dec. 45 Heated Purge: N Date Analyzed: 06/12/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 20.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	42000	U
75-71-8	Dichlorodifluoromethane	42000	U
75-69-4	Trichlorofluoromethane	42000	U
79-20-9	Methyl acetate	42000	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	42000	U
110-82-7	Cyclohexane	42000	U
108-87-2	Methylcyclohexane	42000	U
106-93-4	1,2-Dibromoethane	42000	U
98-82-8	Isopropylbenzene	42000	U
541-73-1	1,3-Dichlorobenzene	42000	U
106-46-7	1,4-Dichlorobenzene	42000	U
95-50-1	1,2-Dichlorobenzene	42000	U
96-12-8	1,2-Dibromo-3-chloropropane	42000	U
120-82-1	1,2,4-Trichlorobenzene	42000	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB1-10-12.7-16.7

Lab Name: SIL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7643602

Sample wt/vol: 4.13 (g/mL) G Lab File ID: P9232.RR

Level: (low/med) MED Date Samp/Recv: 06/08/2007 06/09/2007

% Moisture: not dec. 45.2 Date Analyzed: 06/12/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 20.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-10-12.7-16.7DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7643602DL

Sample wt/vol: 4.13 (g/mL) G Lab File ID: P9266.RR

Level: (low/med) MED Date Samp/Recv: 06/08/2007 06/09/2007

% Moisture: not dec. 45 Heated Purge: N Date Analyzed: 06/13/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 50.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	110000	U
74-83-9	Bromomethane	110000	U
75-01-4	Vinyl chloride	110000	U
75-00-3	Chloroethane	110000	U
75-09-2	Methylene chloride	20000	DJ U
67-64-1	Acetone	110000	U
75-15-0	Carbon Disulfide	110000	U
75-35-4	1,1-Dichloroethene	110000	U
75-34-3	1,1-Dichloroethane	110000	U
67-66-3	Chloroform	110000	U
107-06-2	1,2-Dichloroethane	110000	U
78-93-3	2-Butanone	110000	U
71-55-6	1,1,1-Trichloroethane	110000	U
56-23-5	Carbon Tetrachloride	110000	U
75-27-4	Bromodichloromethane	110000	U
78-87-5	1,2-Dichloropropane	110000	U
10061-01-5	cis-1,3-Dichloropropene	110000	U
79-01-6	Trichloroethene	22000	DJ
124-48-1	Dibromochloromethane	110000	U
79-00-5	1,1,2-Trichloroethane	110000	U
71-43-2	Benzene	110000	U
10061-02-6	trans-1,3-Dichloropropene	110000	U
75-25-2	Bromoform	110000	U
108-10-1	4-Methyl-2-pentanone	110000	U
591-78-6	2-Hexanone	110000	U
127-18-4	Tetrachloroethene	1500000	D
108-88-3	Toluene	110000	U
79-34-5	1,1,2,2-Tetrachloroethane	110000	U
108-90-7	Chlorobenzene	110000	U
100-41-4	Ethylbenzene	110000	U
100-42-5	Styrene	110000	U
1330-20-7	Total Xylenes	110000	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	110000	U
156-59-2	cis-1,2-Dichloroethene	110000	U

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-10-12.7-16.7DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7643602DL

Sample wt/vol: 4.13 (g/mL) G Lab File ID: P9266.RR

Level: (low/med) MED Date Samp/Recv: 06/08/2007 06/09/2007

% Moisture: not dec. 45 Heated Purge: N Date Analyzed: 06/13/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 50.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	110000	U
75-71-8	Dichlorodifluoromethane	110000	U
75-69-4	Trichlorofluoromethane	110000	U
79-20-9	Methyl acetate	110000	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	110000	U
110-82-7	Cyclohexane	110000	U
108-87-2	Methylcyclohexane	110000	U
106-93-4	1,2-Dibromoethane	110000	U
98-82-8	Isopropylbenzene	110000	U
541-73-1	1,3-Dichlorobenzene	110000	U
106-46-7	1,4-Dichlorobenzene	110000	U
95-50-1	1,2-Dichlorobenzene	110000	U
96-12-8	1,2-Dibromo-3-chloropropane	110000	U
120-82-1	1,2,4-Trichlorobenzene	110000	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB1-10-12.7-16.7DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7643602DL

Sample wt/vol: 4.13 (g/mL) G Lab File ID: P9266.RR

Level: (low/med) MED Date Samp/Recv: 06/08/2007 06/09/2007

% Moisture: not dec. 45.2 Date Analyzed: 06/13/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 50.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-11-16.4-20.4

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7643603

Sample wt/vol: 4.03 (g/mL) G Lab File ID: P9233.RR

Level: (low/med) MED Date Samp/Recv: 06/08/2007 06/09/2007

% Moisture: not dec. 44 Heated Purge: N Date Analyzed: 06/12/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 10.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	21000	U
74-83-9	Bromomethane	21000	U
75-01-4	Vinyl chloride	21000	U
75-00-3	Chloroethane	21000	U
75-09-2	Methylene chloride	8400	J U
67-64-1	Acetone	15000	J J
75-15-0	Carbon Disulfide	21000	U
75-35-4	1,1-Dichloroethene	21000	U
75-34-3	1,1-Dichloroethane	21000	U
67-66-3	Chloroform	21000	U
107-06-2	1,2-Dichloroethane	21000	U
78-93-3	2-Butanone	21000	U
71-55-6	1,1,1-Trichloroethane	21000	U
56-23-5	Carbon Tetrachloride	21000	U
75-27-4	Bromodichloromethane	21000	U
78-87-5	1,2-Dichloropropane	21000	U
10061-01-5	cis-1,3-Dichloropropene	21000	U
79-01-6	Trichloroethene	8800	J
124-48-1	Dibromochloromethane	21000	U
79-00-5	1,1,2-Trichloroethane	21000	U
71-43-2	Benzene	21000	U
10061-02-6	trans-1,3-Dichloropropene	21000	U
75-25-2	Bromoform	21000	U
108-10-1	4-Methyl-2-pentanone	21000	U
591-78-6	2-Hexanone	21000	U
127-18-4	Tetrachloroethene	910000	E J
108-88-3	Toluene	21000	U
79-34-5	1,1,2,2-Tetrachloroethane	21000	U
108-90-7	Chlorobenzene	21000	U
100-41-4	Ethylbenzene	21000	U
100-42-5	Styrene	21000	U
1330-20-7	Total Xylenes	21000	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	21000	U
156-59-2	cis-1,2-Dichloroethene	6600	J

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-11-16.4-20.4

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7643603

Sample wt/vol: 4.03 (g/mL) G Lab File ID: P9233.RR

Level: (low/med) MED Date Samp/Recv: 06/08/2007 06/09/2007

% Moisture: not dec. 44 Heated Purge: N Date Analyzed: 06/12/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 10.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	21000	U
75-71-8	Dichlorodifluoromethane	21000	U
75-69-4	Trichlorofluoromethane	21000	U
79-20-9	Methyl acetate	21000	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	21000	U
110-82-7	Cyclohexane	21000	U
108-87-2	Methylcyclohexane	21000	U
106-93-4	1,2-Dibromoethane	21000	U
98-82-8	Isopropylbenzene	21000	U
541-73-1	1,3-Dichlorobenzene	21000	U
106-46-7	1,4-Dichlorobenzene	21000	U
95-50-1	1,2-Dichlorobenzene	21000	U
96-12-8	1,2-Dibromo-3-chloropropane	21000	U
120-82-1	1,2,4-Trichlorobenzene	21000	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB1-11-16.4-20.4

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7643603

Sample wt/vol: 4.03 (g/mL) G Lab File ID: P9233.RR

Level: (low/med) MED Date Samp/Recv: 06/08/2007 06/09/2007

% Moisture: not dec. 44.0 Date Analyzed: 06/12/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 10.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-11-16.4-20.4 DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7643603DL

Sample wt/vol: 4.03 (g/mL) G Lab File ID: P9267.RR

Level: (low/med) MED Date Samp/Recv: 06/08/2007 06/09/2007

% Moisture: not dec. 44 Heated Purge: N Date Analyzed: 06/13/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 40.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	85000	U
74-83-9	Bromomethane	85000	U
75-01-4	Vinyl chloride	85000	U
75-00-3	Chloroethane	85000	U
75-09-2	Methylene chloride	16000	DU U
67-64-1	Acetone	85000	U
75-15-0	Carbon Disulfide	85000	U
75-35-4	1,1-Dichloroethene	85000	U
75-34-3	1,1-Dichloroethane	85000	U
67-66-3	Chloroform	85000	U
107-06-2	1,2-Dichloroethane	85000	U
78-93-3	2-Butanone	85000	U
71-55-6	1,1,1-Trichloroethane	85000	U
56-23-5	Carbon Tetrachloride	85000	U
75-27-4	Bromodichloromethane	85000	U
78-87-5	1,2-Dichloropropane	85000	U
10061-01-5	cis-1,3-Dichloropropene	85000	U
79-01-6	Trichloroethene	85000	U
124-48-1	Dibromochloromethane	85000	U
79-00-5	1,1,2-Trichloroethane	85000	U
71-43-2	Benzene	85000	U
10061-02-6	trans-1,3-Dichloropropene	85000	U
75-25-2	Bromoform	85000	U
108-10-1	4-Methyl-2-pentanone	85000	U
591-78-6	2-Hexanone	85000	U
127-18-4	Tetrachloroethene	1000000	D
108-88-3	Toluene	85000	U
79-34-5	1,1,2,2-Tetrachloroethane	85000	U
108-90-7	Chlorobenzene	85000	U
100-41-4	Ethylbenzene	85000	U
100-42-5	Styrene	85000	U
1330-20-7	Total Xylenes	85000	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	85000	U
156-59-2	cis-1,2-Dichloroethene	85000	U

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-11-16.4-20.4DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7643603DL

Sample wt/vol: 4.03 (g/mL) G Lab File ID: P9267.RR

Level: (low/med) MED Date Samp/Recv: 06/08/2007 06/09/2007

% Moisture: not dec. 44 Heated Purge: N Date Analyzed: 06/13/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 40.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	85000	U
75-71-8	Dichlorodifluoromethane	85000	U
75-69-4	Trichlorofluoromethane	85000	U
79-20-9	Methyl acetate	85000	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	85000	U
110-82-7	Cyclohexane	85000	U
108-87-2	Methylcyclohexane	85000	U
106-93-4	1,2-Dibromoethane	85000	U
98-82-8	Isopropylbenzene	85000	U
541-73-1	1,3-Dichlorobenzene	85000	U
106-46-7	1,4-Dichlorobenzene	85000	U
95-50-1	1,2-Dichlorobenzene	85000	U
96-12-8	1,2-Dibromo-3-chloropropane	85000	U
120-82-1	1,2,4-Trichlorobenzene	85000	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB1-11-16.4-20.4DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7643603DL

Sample wt/vol: 4.03 (g/mL) G Lab File ID: P9267.RR

Level: (low/med) MED Date Samp/Recv: 06/08/2007 06/09/2007

% Moisture: not dec. 44.0 Date Analyzed: 06/13/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 40.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.: VB1-12-15.9-19.9

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7643604

Sample wt/vol: 4.07 (g/mL) G Lab File ID: P9234.RR

Level: (low/med) MED Date Samp/Recv: 06/08/2007 06/09/2007

% Moisture: not dec. 46 Heated Purge: N Date Analyzed: 06/12/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	2200	U
74-83-9	Bromomethane	2200	U
75-01-4	Vinyl chloride	2200	U
75-00-3	Chloroethane	2200	U
75-09-2	Methylene chloride	980	J U
67-64-1	Acetone	5900	J
75-15-0	Carbon Disulfide	2200	U
75-35-4	1,1-Dichloroethene	2200	U
75-34-3	1,1-Dichloroethane	2200	U
67-66-3	Chloroform	2200	U
107-06-2	1,2-Dichloroethane	2200	U
78-93-3	2-Butanone	2200	U
71-55-6	1,1,1-Trichloroethane	2200	U
56-23-5	Carbon Tetrachloride	2200	U
75-27-4	Bromodichloromethane	2200	U
78-87-5	1,2-Dichloropropane	2200	U
10061-01-5	cis-1,3-Dichloropropene	2200	U
79-01-6	Trichloroethene	1000	J
124-48-1	Dibromochloromethane	2200	U
79-00-5	1,1,2-Trichloroethane	2200	U
71-43-2	Benzene	2200	U
10061-02-6	trans-1,3-Dichloropropene	2200	U
75-25-2	Bromoform	2200	U
108-10-1	4-Methyl-2-pentanone	2200	U
591-78-6	2-Hexanone	2200	U
127-18-4	Tetrachloroethene	48000	E J
108-88-3	Toluene	2200	U
79-34-5	1,1,2,2-Tetrachloroethane	2200	U
108-90-7	Chlorobenzene	2200	U
100-41-4	Ethylbenzene	2200	U
100-42-5	Styrene	2200	U
1330-20-7	Total Xylenes	2200	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2200	U
156-59-2	cis-1,2-Dichloroethene	29000	

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-12-15.9-19.9

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7643604

Sample wt/vol: 4.07 (g/mL) G Lab File ID: P9234.RR

Level: (low/med) MED Date Samp/Recv: 06/08/2007 06/09/2007

% Moisture: not dec. 46 Heated Purge: N Date Analyzed: 06/12/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	440	J
75-71-8	Dichlorodifluoromethane	2200	U
75-69-4	Trichlorofluoromethane	2200	U
79-20-9	Methyl acetate	2200	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	2200	U
110-82-7	Cyclohexane	2200	U
108-87-2	Methylcyclohexane	2200	U
106-93-4	1,2-Dibromoethane	2200	U
98-82-8	Isopropylbenzene	2200	U
541-73-1	1,3-Dichlorobenzene	2200	U
106-46-7	1,4-Dichlorobenzene	2200	U
95-50-1	1,2-Dichlorobenzene	2200	U
96-12-8	1,2-Dibromo-3-chloropropane	2200	U
120-82-1	1,2,4-Trichlorobenzene	2200	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB1-12-15.9-19.9

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7643604

Sample wt/vol: 4.07 (g/mL) G Lab File ID: P9234.RR

Level: (low/med) MED Date Samp/Recv: 06/08/2007 06/09/2007

% Moisture: not dec. 46.2 Date Analyzed: 06/12/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-12-15.9-19.9DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7643604DL

Sample wt/vol: 4.07 (g/mL) G Lab File ID: P9268.RR

Level: (low/med) MED Date Samp/Recv: 06/08/2007 06/09/2007

% Moisture: not dec. 46 Heated Purge: N Date Analyzed: 06/13/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 4.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	8800	U
74-83-9	Bromomethane	8800	U
75-01-4	Vinyl chloride	8800	U
75-00-3	Chloroethane	8800	U
75-09-2	Methylene chloride	1900	DJ
67-64-1	Acetone	6000	DJ
75-15-0	Carbon Disulfide	8800	U
75-35-4	1,1-Dichloroethene	8800	U
75-34-3	1,1-Dichloroethane	8800	U
67-66-3	Chloroform	8800	U
107-06-2	1,2-Dichloroethane	8800	U
78-93-3	2-Butanone	8800	U
71-55-6	1,1,1-Trichloroethane	8800	U
56-23-5	Carbon Tetrachloride	8800	U
75-27-4	Bromodichloromethane	8800	U
78-87-5	1,2-Dichloropropane	8800	U
10061-01-5	cis-1,3-Dichloropropene	8800	U
79-01-6	Trichloroethene	980	DJ
124-48-1	Dibromochloromethane	8800	U
79-00-5	1,1,2-Trichloroethane	8800	U
71-43-2	Benzene	8800	U
10061-02-6	trans-1,3-Dichloropropene	8800	U
75-25-2	Bromoform	8800	U
108-10-1	4-Methyl-2-pentanone	8800	U
591-78-6	2-Hexanone	8800	U
127-18-4	Tetrachloroethene	53000	D
108-88-3	Toluene	8800	U
79-34-5	1,1,2,2-Tetrachloroethane	8800	U
108-90-7	Chlorobenzene	8800	U
100-41-4	Ethylbenzene	8800	U
100-42-5	Styrene	8800	U
1330-20-7	Total Xylenes	8800	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	8800	U
156-59-2	cis-1,2-Dichloroethene	29000	D

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-12-15.9-19.9DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7643604DL

Sample wt/vol: 4.07 (g/mL) G Lab File ID: P9268.RR

Level: (low/med) MED Date Samp/Recv: 06/08/2007 06/09/2007

% Moisture: not dec. 46 Heated Purge: N Date Analyzed: 06/13/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 4.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	8800	U
75-71-8	Dichlorodifluoromethane	8800	U
75-69-4	Trichlorofluoromethane	8800	U
79-20-9	Methyl acetate	8800	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	8800	U
110-82-7	Cyclohexane	8800	U
108-87-2	Methylcyclohexane	8800	U
106-93-4	1,2-Dibromoethane	8800	U
98-82-8	Isopropylbenzene	8800	U
541-73-1	1,3-Dichlorobenzene	8800	U
106-46-7	1,4-Dichlorobenzene	8800	U
95-50-1	1,2-Dichlorobenzene	8800	U
96-12-8	1,2-Dibromo-3-chloropropane	8800	U
120-82-1	1,2,4-Trichlorobenzene	8800	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB1-12-15.9-19.9DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7643604DL

Sample wt/vol: 4.07 (g/mL) G Lab File ID: P9268.RR

Level: (low/med) MED Date Samp/Recv: 06/08/2007 06/09/2007

% Moisture: not dec. 46.2 Date Analyzed: 06/13/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 4.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-17-15.5-19.5

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7643605

Sample wt/vol: 4.16 (g/mL) G Lab File ID: P9235.RR

Level: (low/med) MED Date Samp/Recv: 06/08/2007 06/09/2007

% Moisture: not dec. 48 Heated Purge: N Date Analyzed: 06/12/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 5.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11000	U
74-83-9	Bromomethane	11000	U
75-01-4	Vinyl chloride	11000	U
75-00-3	Chloroethane	11000	U
75-09-2	Methylene chloride	4400	J U
67-64-1	Acetone	31000	J
75-15-0	Carbon Disulfide	11000	U
75-35-4	1,1-Dichloroethene	11000	U
75-34-3	1,1-Dichloroethane	11000	U
67-66-3	Chloroform	11000	U
107-06-2	1,2-Dichloroethane	11000	U
78-93-3	2-Butanone	8300	J J
71-55-6	1,1,1-Trichloroethane	11000	U
56-23-5	Carbon Tetrachloride	11000	U
75-27-4	Bromodichloromethane	11000	U
78-87-5	1,2-Dichloropropane	11000	U
10061-01-5	cis-1,3-Dichloropropene	11000	U
79-01-6	Trichloroethene	27000	
124-48-1	Dibromochloromethane	11000	U
79-00-5	1,1,2-Trichloroethane	11000	U
71-43-2	Benzene	11000	U
10061-02-6	trans-1,3-Dichloropropene	11000	U
75-25-2	Bromoform	11000	U
108-10-1	4-Methyl-2-pentanone	11000	U
591-78-6	2-Hexanone	11000	U
127-18-4	Tetrachloroethene	390000	E J
108-88-3	Toluene	11000	U
79-34-5	1,1,2,2-Tetrachloroethane	11000	U
108-90-7	Chlorobenzene	11000	U
100-41-4	Ethylbenzene	11000	U
100-42-5	Styrene	11000	U
1330-20-7	Total Xylenes	11000	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	11000	U
156-59-2	cis-1,2-Dichloroethene	12000	

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-17-15.5-19.5

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7643605

Sample wt/vol: 4.16 (g/mL) G Lab File ID: P9235.RR

Level: (low/med) MED Date Samp/Recv: 06/08/2007 06/09/2007

% Moisture: not dec. 48 Heated Purge: N Date Analyzed: 06/12/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 5.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	11000	U
75-71-8	Dichlorodifluoromethane	11000	U
75-69-4	Trichlorofluoromethane	11000	U
79-20-9	Methyl acetate	11000	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	11000	U
110-82-7	Cyclohexane	11000	U
108-87-2	Methylcyclohexane	11000	U
106-93-4	1,2-Dibromoethane	11000	U
98-82-8	Isopropylbenzene	11000	U
541-73-1	1,3-Dichlorobenzene	11000	U
106-46-7	1,4-Dichlorobenzene	11000	U
95-50-1	1,2-Dichlorobenzene	11000	U
96-12-8	1,2-Dibromo-3-chloropropane	11000	U
120-82-1	1,2,4-Trichlorobenzene	11000	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB1-17-15.5-19.5

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7643605

Sample wt/vol: 4.16 (g/mL) G Lab File ID: P9235.RR

Level: (low/med) MED Date Samp/Recv: 06/08/2007 06/09/2007

% Moisture: not dec. 48.1 Date Analyzed: 06/12/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 5.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-17-15.5-19.5 DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7643605DL

Sample wt/vol: 4.16 (g/mL) G Lab File ID: P9269.RR

Level: (low/med) MED Date Samp/Recv: 06/08/2007 06/09/2007

% Moisture: not dec. 48 Heated Purge: N Date Analyzed: 06/13/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 20.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	44000	U
74-83-9	Bromomethane	44000	U
75-01-4	Vinyl chloride	44000	U
75-00-3	Chloroethane	44000	U
75-09-2	Methylene chloride	8400	DJ U
67-64-1	Acetone	44000	U
75-15-0	Carbon Disulfide	44000	U
75-35-4	1,1-Dichloroethene	44000	U
75-34-3	1,1-Dichloroethane	44000	U
67-66-3	Chloroform	44000	U
107-06-2	1,2-Dichloroethane	44000	U
78-93-3	2-Butanone	44000	U
71-55-6	1,1,1-Trichloroethane	44000	U
56-23-5	Carbon Tetrachloride	44000	U
75-27-4	Bromodichloromethane	44000	U
78-87-5	1,2-Dichloropropane	44000	U
10061-01-5	cis-1,3-Dichloropropene	44000	U
79-01-6	Trichloroethene	26000	DJ
124-48-1	Dibromochloromethane	44000	U
79-00-5	1,1,2-Trichloroethane	44000	U
71-43-2	Benzene	44000	U
10061-02-6	trans-1,3-Dichloropropene	44000	U
75-25-2	Bromoform	44000	U
108-10-1	4-Methyl-2-pentanone	44000	U
591-78-6	2-Hexanone	44000	U
127-18-4	Tetrachloroethene	430000	D
108-88-3	Toluene	44000	U
79-34-5	1,1,2,2-Tetrachloroethane	44000	U
108-90-7	Chlorobenzene	44000	U
100-41-4	Ethylbenzene	44000	U
100-42-5	Styrene	44000	U
1330-20-7	Total Xylenes	44000	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	44000	U
156-59-2	cis-1,2-Dichloroethene	11000	DJ

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-17-15.5-19.5DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7643605DL

Sample wt/vol: 4.16 (g/mL) G Lab File ID: P9269.RR

Level: (low/med) MED Date Samp/Recv: 06/08/2007 06/09/2007

% Moisture: not dec. 48 Heated Purge: N Date Analyzed: 06/13/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 20.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	44000	U
75-71-8	Dichlorodifluoromethane	44000	U
75-69-4	Trichlorofluoromethane	44000	U
79-20-9	Methyl acetate	44000	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	44000	U
110-82-7	Cyclohexane	44000	U
108-87-2	Methylcyclohexane	44000	U
106-93-4	1,2-Dibromoethane	44000	U
98-82-8	Isopropylbenzene	44000	U
541-73-1	1,3-Dichlorobenzene	44000	U
106-46-7	1,4-Dichlorobenzene	44000	U
95-50-1	1,2-Dichlorobenzene	44000	U
96-12-8	1,2-Dibromo-3-chloropropane	44000	U
120-82-1	1,2,4-Trichlorobenzene	44000	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB1-17-15.5-19.5 DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7643605DL

Sample wt/vol: 4.16 (g/mL) G Lab File ID: P9269.RR

Level: (low/med) MED Date Samp/Recv: 06/08/2007 06/09/2007

% Moisture: not dec. 48.1 Date Analyzed: 06/13/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 20.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-9-11.6-15.6

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7643601

Sample wt/vol: 4.01 (g/mL) G Lab File ID: P9231.RR

Level: (low/med) MED Date Samp/Recv: 06/07/2007 06/09/2007

% Moisture: not dec. 35 Heated Purge: N Date Analyzed: 06/12/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	1800	U
74-83-9	Bromomethane	1800	U
75-01-4	Vinyl chloride	1800	U
75-00-3	Chloroethane	1800	U
75-09-2	Methylene chloride	840	J U
67-64-1	Acetone	10000	
75-15-0	Carbon Disulfide	1800	U
75-35-4	1,1-Dichloroethene	1800	U
75-34-3	1,1-Dichloroethane	1800	U
67-66-3	Chloroform	1800	U
107-06-2	1,2-Dichloroethane	1800	U
78-93-3	2-Butanone	2400	J
71-55-6	1,1,1-Trichloroethane	1800	U
56-23-5	Carbon Tetrachloride	1800	U
75-27-4	Bromodichloromethane	1800	U
78-87-5	1,2-Dichloropropane	1800	U
10061-01-5	cis-1,3-Dichloropropene	1800	U
79-01-6	Trichloroethene	1800	U
124-48-1	Dibromochloromethane	1800	U
79-00-5	1,1,2-Trichloroethane	1800	U
71-43-2	Benzene	1800	U
10061-02-6	trans-1,3-Dichloropropene	1800	U
75-25-2	Bromoform	1800	U
108-10-1	4-Methyl-2-pentanone	1800	U
591-78-6	2-Hexanone	1800	U
127-18-4	Tetrachloroethene	5000	U
108-88-3	Toluene	1800	U
79-34-5	1,1,2,2-Tetrachloroethane	1800	U
108-90-7	Chlorobenzene	1800	U
100-41-4	Ethylbenzene	1800	U
100-42-5	Styrene	1800	U
1330-20-7	Total Xylenes	1800	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1800	U
156-59-2	cis-1,2-Dichloroethene	1800	U

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-9-11.6-15.6

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7643601

Sample wt/vol: 4.01 (g/mL) G Lab File ID: P9231.RR

Level: (low/med) MED Date Samp/Recv: 06/07/2007 06/09/2007

% Moisture: not dec. 35 Heated Purge: N Date Analyzed: 06/12/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	1800	U
75-71-8	Dichlorodifluoromethane	1800	U
75-69-4	Trichlorofluoromethane	1800	U
79-20-9	Methyl acetate	1800	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1800	U
110-82-7	Cyclohexane	1800	U
108-87-2	Methylcyclohexane	1800	U
106-93-4	1,2-Dibromoethane	1800	U
98-82-8	Isopropylbenzene	1800	U
541-73-1	1,3-Dichlorobenzene	1800	U
106-46-7	1,4-Dichlorobenzene	1800	U
95-50-1	1,2-Dichlorobenzene	1800	U
96-12-8	1,2-Dibromo-3-chloropropane	1800	U
120-82-1	1,2,4-Trichlorobenzene	1800	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB1-9-11.6-15.6

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7643601

Sample wt/vol: 4.01 (g/mL) G Lab File ID: P9231.RR

Level: (low/med) MED Date Samp/Recv: 06/07/2007 06/09/2007

% Moisture: not dec. 34.7 Date Analyzed: 06/12/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

ALPHA
GEOSCIENCE
Geology
Hydrology
Remediation
Water Supply

Data Usability Summary Report for
STL Buffalo, Job No. A07-6488

4 Soil Samples and 1 MS/MSD
Collected June 11, 2007

Prepared by: Donald Anné
October 2, 2007

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contains the results for 4 soil samples and 1 MS/MSD analyzed for volatiles.

The overall performances of the analyses are acceptable. STL Buffalo did fulfill the requirements of the analytical method.

The data are acceptable with some minor issues that are identified in the accompanying data validation review. The following data were flagged:

- Positive volatile results for methylene chloride were flagged as "not detected" (U) in samples VB1-14-18.1-22.1, VB1-14-18.1-22.1DL, VB1-15-10.2-14.2, and VB1-16-8.8-12.8 because the levels reported in the samples were not significantly greater (more than 10 times) than the associated methanol blank level.

- The volatile result for tetrachloroethene in sample VB1-14-18.1-22.1 was quantitated using data that were extrapolated beyond the highest calibration standard and flagged "E" by the laboratory. The result for tetrachloroethene was qualified as estimated (J) in the undiluted sample. It is recommended that the diluted result be used for tetrachloroethene.

- The positive volatile results for acetone were flagged as "estimated" (J) in samples VB1-14-18.1-22.1, VB1-15-10.2-14.2, and VB1-20-13-17 because the %Ds for acetone were above the allowable maximums in the associated continuing calibrations.

- The positive volatile results for 2-butanone were flagged as "estimated" (J) in samples VB1-14-18.1-22.1, VB1-14-18.1-22.1DL, VB1-15-10.2-14.2, and VB1-20-13-17 because the %Ds for 2-butanone were above the allowable maximums in the associated continuing calibrations.

All data are considered usable, with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation review.

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ALPHA GEOSCIENCE

Geology

Hydrology

Remediation

Water Supply

QA/QC Review of Volatiles Data
for STL Buffalo, Job Nos. A07-6488

4 Soil Samples and 1 MS/MSD
Collected June 11, 2007

Prepared by: Donald Anné
October 2, 2007

Holding Times: Samples were analyzed within NYSDEC ASP holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The RRFs for trichloroethene (0.286, 0.294, and 0.289) were below the ASP minimum (0.300) for HP5973P on 06-08-07. No action is taken on two or fewer compounds per calibration outside ASP requirements, provided %RSDs are not greater than 40% and RRFs are not less than 0.010.

The average RRFs for target compounds were above the allowable minimum (0.050) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The %D for p-bromofluorobenzene (25.3%) was above the ASP maximum (25%) and the RRF50 for trichloroethene (0.2782) was below the ASP minimum (0.300) on 06-12-07 (P9224.RR). The RRF50 for trichloroethene (0.2887) was below the ASP minimum (0.300) on 06-12-07 (P9246.RR). The %Ds for carbon tetrachloride (26.1%) and p-bromofluorobenzene (39.8%) were above the ASP maximum (25%) on 06-13-07 (P9262.RR). No action is taken on two or fewer compounds per calibration outside ASP requirements, provided %Ds are not greater than 40% and RRF50s are not less than 0.010.

The RRF50s for target compounds were above the allowable minimum (0.050), as required.

The %Ds for acetone (44.4%) and 2-butanone (47.9%) were above the allowable maximum (25%) on 06-12-07 (P9224.RR). The %Ds for 2-butanone (29.7%) and carbon tetrachloride (26.1%) were above the allowable maximum (25%) on 06-13-07 (P9262.RR). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: The analyses of method and holding blanks reported target compounds as not detected.

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www.alphageoscience.com

Methanol blank 6/12/07 contained a trace of methylene chloride (200 ug/kg). Results for acetone and methylene chloride that are less than ten times the highest blank level should be reported as not detected (U) in associated samples.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Surrogate Recovery: The surrogate recoveries were within control limits for the soil samples.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences were below the allowable maximums and the percent recoveries were within control limits for MS/MSD sample VB1-15-10.2-14.2.

Matrix Spike Blank: The percent recoveries were within QC limits for samples VBLK71, VBLK72, and VBLK73.

Compound ID: Checked compounds were within GC quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

The result for tetrachloroethene in sample VB1-14-18.1-22.1 was quantitated by extrapolating data above the highest calibration standard and marked 'E' by the laboratory. The sample was diluted by the laboratory and re-analyzed; therefore, the result for tetrachloroethene that is flagged as 'E' in the undiluted sample should be considered estimated (J) and the use of the diluted result for tetrachloroethene is recommended. It is recommended that the undiluted results be used for all other compounds.

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A7648803	VB1-14-18.1-22.1	SOIL	06/11/2007	16:20	06/11/2007	18:30
A7648802	VB1-15-10.2-14.2	SOIL	06/11/2007	11:00	06/11/2007	18:30
A7648802MS	VB1-15-10.2-14.2	SOIL	06/11/2007	11:00	06/11/2007	18:30
A7648802SD	VB1-15-10.2-14.2	SOIL	06/11/2007	11:00	06/11/2007	18:30
A7648801	VB1-16-8.8-12.8	SOIL	06/11/2007	10:40	06/11/2007	18:30
A7648804	VB1-20-13-17	SOIL	06/11/2007	17:20	06/11/2007	18:30

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-14-18.1-22.1

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7648803

Sample wt/vol: 4.02 (g/mL) G Lab File ID: P9237.RR

Level: (low/med) MED Date Samp/Recv: 06/11/2007 06/11/2007

% Moisture: not dec. 39 Heated Purge: N Date Analyzed: 06/12/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	2000	U
74-83-9	Bromomethane	2000	U
75-01-4	Vinyl chloride	2000	U
75-00-3	Chloroethane	2000	U
75-09-2	Methylene chloride	260	J U
67-64-1	Acetone	26000	J
75-15-0	Carbon Disulfide	2000	U
75-35-4	1,1-Dichloroethene	2000	U
75-34-3	1,1-Dichloroethane	2000	U
67-66-3	Chloroform	2000	U
107-06-2	1,2-Dichloroethane	2000	U
78-93-3	2-Butanone	10000	J
71-55-6	1,1,1-Trichloroethane	2000	U
56-23-5	Carbon Tetrachloride	2000	U
75-27-4	Bromodichloromethane	2000	U
78-87-5	1,2-Dichloropropane	2000	U
10061-01-5	cis-1,3-Dichloropropene	2000	U
79-01-6	Trichloroethene	640	J
124-48-1	Dibromochloromethane	2000	U
79-00-5	1,1,2-Trichloroethane	2000	U
71-43-2	Benzene	2000	U
10061-02-6	trans-1,3-Dichloropropene	2000	U
75-25-2	Bromoform	2000	U
108-10-1	4-Methyl-2-pentanone	2000	U
591-78-6	2-Hexanone	2000	U
127-18-4	Tetrachloroethene	51000	E J
108-88-3	Toluene	2000	U
79-34-5	1,1,2,2-Tetrachloroethane	2000	U
108-90-7	Chlorobenzene	2000	U
100-41-4	Ethylbenzene	2000	U
100-42-5	Styrene	2000	U
1330-20-7	Total Xylenes	2000	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2000	U
156-59-2	cis-1,2-Dichloroethene	290	J

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-14-18.1-22.1

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7648803

Sample wt/vol: 4.02 (g/mL) G Lab File ID: P9237.RR

Level: (low/med) MED Date Samp/Recv: 06/11/2007 06/11/2007

% Moisture: not dec. 39 Heated Purge: N Date Analyzed: 06/12/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	2000	U
75-71-8	Dichlorodifluoromethane	2000	U
75-69-4	Trichlorofluoromethane	2000	U
79-20-9	Methyl acetate	2000	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	2000	U
110-82-7	Cyclohexane	2000	U
108-87-2	Methylcyclohexane	2000	U
106-93-4	1,2-Dibromoethane	2000	U
98-82-8	Isopropylbenzene	2000	U
541-73-1	1,3-Dichlorobenzene	2000	U
106-46-7	1,4-Dichlorobenzene	2000	U
95-50-1	1,2-Dichlorobenzene	2000	U
96-12-8	1,2-Dibromo-3-chloropropane	2000	U
120-82-1	1,2,4-Trichlorobenzene	2000	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB1-14-18.1-22.1

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7648803

Sample wt/vol: 4.02 (g/mL) G Lab File ID: P9237.RR

Level: (low/med) MED Date Samp/Recv: 06/11/2007 06/11/2007

% Moisture: not dec. 38.8 Date Analyzed: 06/12/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-14-18.1-22.1 DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7648803DL

Sample wt/vol: 4.02 (g/mL) G Lab File ID: P9265.RR

Level: (low/med) MED Date Samp/Recv: 06/11/2007 06/11/2007

% Moisture: not dec. 39 Heated Purge: N Date Analyzed: 06/13/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 10.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	20000	U
74-83-9	Bromomethane	20000	U
75-01-4	Vinyl chloride	20000	U
75-00-3	Chloroethane	20000	U
75-09-2	Methylene chloride	4100	DJ U
67-64-1	Acetone	76000	D
75-15-0	Carbon Disulfide	20000	U
75-35-4	1,1-Dichloroethene	20000	U
75-34-3	1,1-Dichloroethane	20000	U
67-66-3	Chloroform	20000	U
107-06-2	1,2-Dichloroethane	20000	U
78-93-3	2-Butanone	24000	D J
71-55-6	1,1,1-Trichloroethane	20000	U
56-23-5	Carbon Tetrachloride	20000	U
75-27-4	Bromodichloromethane	20000	U
78-87-5	1,2-Dichloropropane	20000	U
10061-01-5	cis-1,3-Dichloropropene	20000	U
79-01-6	Trichloroethene	2200	DJ
124-48-1	Dibromochloromethane	20000	U
79-00-5	1,1,2-Trichloroethane	20000	U
71-43-2	Benzene	20000	U
10061-02-6	trans-1,3-Dichloropropene	20000	U
75-25-2	Bromoform	20000	U
108-10-1	4-Methyl-2-pentanone	20000	U
591-78-6	2-Hexanone	20000	U
127-18-4	Tetrachloroethene	230000	D
108-88-3	Toluene	20000	U
79-34-5	1,1,2,2-Tetrachloroethane	20000	U
108-90-7	Chlorobenzene	20000	U
100-41-4	Ethylbenzene	20000	U
100-42-5	Styrene	20000	U
1330-20-7	Total Xylenes	20000	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	20000	U
156-59-2	cis-1,2-Dichloroethene	20000	U

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-14-18.1-22.1 DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7648803DL

Sample wt/vol: 4.02 (g/mL) G Lab File ID: P9265.RR

Level: (low/med) MED Date Samp/Recv: 06/11/2007 06/11/2007

% Moisture: not dec. 39 Heated Purge: N Date Analyzed: 06/13/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 10.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	20000	U
75-71-8	Dichlorodifluoromethane	20000	U
75-69-4	Trichlorofluoromethane	20000	U
79-20-9	Methyl acetate	20000	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	20000	U
110-82-7	Cyclohexane	20000	U
108-87-2	Methylcyclohexane	20000	U
106-93-4	1,2-Dibromoethane	20000	U
98-82-8	Isopropylbenzene	20000	U
541-73-1	1,3-Dichlorobenzene	20000	U
106-46-7	1,4-Dichlorobenzene	20000	U
95-50-1	1,2-Dichlorobenzene	20000	U
96-12-8	1,2-Dibromo-3-chloropropane	20000	U
120-82-1	1,2,4-Trichlorobenzene	20000	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB1-14-18.1-22.1 DL

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7648803DL

Sample wt/vol: 4.02 (g/mL) G Lab File ID: P9265.RR

Level: (low/med) MED Date Samp/Recv: 06/11/2007 06/11/2007

% Moisture: not dec. 38.8 Date Analyzed: 06/13/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 10.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-15-10.2-14.2

Lab Name: SIL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7648802

Sample wt/vol: 4.12 (g/mL) G Lab File ID: P9239.RR

Level: (low/med) MED Date Samp/Recv: 06/11/2007 06/11/2007

% Moisture: not dec. 49 Heated Purge: N Date Analyzed: 06/12/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	2300	U
74-83-9	Bromomethane	2300	U
75-01-4	Vinyl chloride	2300	U
75-00-3	Chloroethane	2300	U
75-09-2	Methylene chloride	380	J U
67-64-1	Acetone	13000	J
75-15-0	Carbon Disulfide	2300	U
75-35-4	1,1-Dichloroethene	2300	U
75-34-3	1,1-Dichloroethane	2300	U
67-66-3	Chloroform	2300	U
107-06-2	1,2-Dichloroethane	2300	U
78-93-3	2-Butanone	2400	J
71-55-6	1,1,1-Trichloroethane	2300	U
56-23-5	Carbon Tetrachloride	2300	U
75-27-4	Bromodichloromethane	2300	U
78-87-5	1,2-Dichloropropane	2300	U
10061-01-5	cis-1,3-Dichloropropene	2300	U
79-01-6	Trichloroethene	2300	U
124-48-1	Dibromochloromethane	2300	U
79-00-5	1,1,2-Trichloroethane	2300	U
71-43-2	Benzene	2300	U
10061-02-6	trans-1,3-Dichloropropene	2300	U
75-25-2	Bromoform	2300	U
108-10-1	4-Methyl-2-pentanone	2300	U
591-78-6	2-Hexanone	2300	U
127-18-4	Tetrachloroethene	2600	
108-88-3	Toluene	2300	U
79-34-5	1,1,2,2-Tetrachloroethane	2300	U
108-90-7	Chlorobenzene	2300	U
100-41-4	Ethylbenzene	2300	U
100-42-5	Styrene	2300	U
1330-20-7	Total Xylenes	2300	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2300	U
156-59-2	cis-1,2-Dichloroethene	2300	U

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-15-10.2-14.2

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7648802

Sample wt/vol: 4.12 (g/mL) G Lab File ID: P9239.RR

Level: (low/med) MED Date Samp/Recv: 06/11/2007 06/11/2007

% Moisture: not dec. 49 Heated Purge: N Date Analyzed: 06/12/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	2300	U
75-71-8	Dichlorodifluoromethane	2300	U
75-69-4	Trichlorofluoromethane	2300	U
79-20-9	Methyl acetate	2300	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	2300	U
110-82-7	Cyclohexane	2300	U
108-87-2	Methylcyclohexane	2300	U
106-93-4	1,2-Dibromoethane	2300	U
98-82-8	Isopropylbenzene	2300	U
541-73-1	1,3-Dichlorobenzene	2300	U
106-46-7	1,4-Dichlorobenzene	2300	U
95-50-1	1,2-Dichlorobenzene	2300	U
96-12-8	1,2-Dibromo-3-chloropropane	2300	U
120-82-1	1,2,4-Trichlorobenzene	2300	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB1-15-10.2-14.2

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7648802

Sample wt/vol: 4.12 (g/mL) G Lab File ID: P9239.RR

Level: (low/med) MED Date Samp/Recv: 06/11/2007 06/11/2007

% Moisture: not dec. 48.8 Date Analyzed: 06/12/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-16-8.8-12.8

Lab Name: SIL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7648801

Sample wt/vol: 4.20 (g/mL) G Lab File ID: P9249.RR

Level: (low/med) MED Date Samp/Recv: 06/11/2007 06/11/2007

% Moisture: not dec. 62 Heated Purge: N Date Analyzed: 06/12/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	3000	U
74-83-9	Bromomethane	3000	U
75-01-4	Vinyl chloride	3000	U
75-00-3	Chloroethane	3000	U
75-09-2	Methylene chloride	320	J U
67-64-1	Acetone	15000	
75-15-0	Carbon Disulfide	3000	U
75-35-4	1,1-Dichloroethene	3000	U
75-34-3	1,1-Dichloroethane	3000	U
67-66-3	Chloroform	3000	U
107-06-2	1,2-Dichloroethane	3000	U
78-93-3	2-Butanone	3900	
71-55-6	1,1,1-Trichloroethane	3000	U
56-23-5	Carbon Tetrachloride	3000	U
75-27-4	Bromodichloromethane	3000	U
78-87-5	1,2-Dichloropropane	3000	U
10061-01-5	cis-1,3-Dichloropropene	3000	U
79-01-6	Trichloroethene	1500	J
124-48-1	Dibromochloromethane	3000	U
79-00-5	1,1,2-Trichloroethane	3000	U
71-43-2	Benzene	3000	U
10061-02-6	trans-1,3-Dichloropropene	3000	U
75-25-2	Bromoform	3000	U
108-10-1	4-Methyl-2-pentanone	3000	U
591-78-6	2-Hexanone	3000	U
127-18-4	Tetrachloroethene	46000	
108-88-3	Toluene	3000	U
79-34-5	1,1,2,2-Tetrachloroethane	3000	U
108-90-7	Chlorobenzene	3000	U
100-41-4	Ethylbenzene	3000	U
100-42-5	Styrene	3000	U
1330-20-7	Total Xylenes	3000	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	3000	U
156-59-2	cis-1,2-Dichloroethene	8200	

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-16-8.8-12.8

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7648801

Sample wt/vol: 4.20 (g/mL) G Lab File ID: P9249.RR

Level: (low/med) MED Date Samp/Recv: 06/11/2007 06/11/2007

% Moisture: not dec. 62 Heated Purge: N Date Analyzed: 06/12/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	3000	U
75-71-8	Dichlorodifluoromethane	3000	U
75-69-4	Trichlorofluoromethane	3000	U
79-20-9	Methyl acetate	3000	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	3000	U
110-82-7	Cyclohexane	3000	U
108-87-2	Methylcyclohexane	3000	U
106-93-4	1,2-Dibromoethane	3000	U
98-82-8	Isopropylbenzene	3000	U
541-73-1	1,3-Dichlorobenzene	3000	U
106-46-7	1,4-Dichlorobenzene	3000	U
95-50-1	1,2-Dichlorobenzene	3000	U
96-12-8	1,2-Dibromo-3-chloropropane	3000	U
120-82-1	1,2,4-Trichlorobenzene	3000	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB1-16-8.8-12.8

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7648801

Sample wt/vol: 4.20 (g/mL) G Lab File ID: P9249.RR

Level: (low/med) MED Date Samp/Recv: 06/11/2007 06/11/2007

% Moisture: not dec. 61.9 Date Analyzed: 06/12/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-20-13-17

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7648804

Sample wt/vol: 4.17 (g/mL) G Lab File ID: P9238.RR

Level: (low/med) MED Date Samp/Recv: 06/11/2007 06/11/2007

% Moisture: not dec. 49 Heated Purge: N Date Analyzed: 06/12/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	2200	U
74-83-9	Bromomethane	2200	U
75-01-4	Vinyl chloride	2200	U
75-00-3	Chloroethane	2200	U
75-09-2	Methylene chloride	2200	U
67-64-1	Acetone	19000	J
75-15-0	Carbon Disulfide	2200	U
75-35-4	1,1-Dichloroethene	2200	U
75-34-3	1,1-Dichloroethane	2200	U
67-66-3	Chloroform	2200	U
107-06-2	1,2-Dichloroethane	2200	U
78-93-3	2-Butanone	5000	J
71-55-6	1,1,1-Trichloroethane	2200	U
56-23-5	Carbon Tetrachloride	2200	U
75-27-4	Bromodichloromethane	2200	U
78-87-5	1,2-Dichloropropane	2200	U
10061-01-5	cis-1,3-Dichloropropene	2200	U
79-01-6	Trichloroethene	2200	U
124-48-1	Dibromochloromethane	2200	U
79-00-5	1,1,2-Trichloroethane	2200	U
71-43-2	Benzene	2200	U
10061-02-6	trans-1,3-Dichloropropene	2200	U
75-25-2	Bromoform	2200	U
108-10-1	4-Methyl-2-pentanone	2200	U
591-78-6	2-Hexanone	2200	U
127-18-4	Tetrachloroethene	1400	J
108-88-3	Toluene	2200	U
79-34-5	1,1,2,2-Tetrachloroethane	2200	U
108-90-7	Chlorobenzene	2200	U
100-41-4	Ethylbenzene	2200	U
100-42-5	Styrene	2200	U
1330-20-7	Total Xylenes	2200	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2200	U
156-59-2	cis-1,2-Dichloroethene	1100	J

C & S - ASP00 - VOLATILES (CLP) - S
ANALYSIS DATA SHEET

Client No.

VB1-20-13-17

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7648804

Sample wt/vol: 4.17 (g/mL) G Lab File ID: P9238.RR

Level: (low/med) MED Date Samp/Recv: 06/11/2007 06/11/2007

% Moisture: not dec. 49 Heated Purge: N Date Analyzed: 06/12/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	2200	U
75-71-8	Dichlorodifluoromethane	2200	U
75-69-4	Trichlorofluoromethane	2200	U
79-20-9	Methyl acetate	2200	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	2200	U
110-82-7	Cyclohexane	2200	U
108-87-2	Methylcyclohexane	2200	U
106-93-4	1,2-Dibromoethane	2200	U
98-82-8	Isopropylbenzene	2200	U
541-73-1	1,3-Dichlorobenzene	2200	U
106-46-7	1,4-Dichlorobenzene	2200	U
95-50-1	1,2-Dichlorobenzene	2200	U
96-12-8	1,2-Dibromo-3-chloropropane	2200	U
120-82-1	1,2,4-Trichlorobenzene	2200	U

C & S - ASP00 - VOLATILES (CLP) - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VB1-20-13-17

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: A7648804

Sample wt/vol: 4.17 (g/mL) G Lab File ID: P9238.RR

Level: (low/med) MED Date Samp/Recv: 06/11/2007 06/11/2007

% Moisture: not dec. 48.9 Date Analyzed: 06/12/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

ALPHA
GEOSCIENCE
Geology
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Remediation
Water Supply

Data Usability Summary Report for
STL Buffalo, Job No. A07-7740
Subcontracted to STL Connecticut
as Job No. 220-1866-1

2 Soil Samples
Collected June 16, 2007

Prepared by: Donald Anné
October 8, 2007

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contains the results for 2 soil samples analyzed for volatiles.

The overall performances of the analyses are acceptable. STL Connecticut did fulfill the requirements of the analytical method.

The data are acceptable with some minor issues that are identified in the accompanying data validation review. The following data were flagged:

- Positive volatile results for methylene chloride were flagged as "not detected" (U) in both soil samples because the levels reported in the samples were not significantly greater (more than 10 times) than the associated method blank level.

- Positive volatile results for acetone were flagged as "not detected" (U) in both soil samples because the levels reported in the samples were not significantly greater (more than 10 times) than the associated method blank level.

All data are considered usable, with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation review.

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ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Volatiles Data for
STL Buffalo, Job No. A07-7740
Subcontracted to STL Connecticut
as Job No. 220-1866-1

2 Soil Samples
Collected June 16, 2007

Prepared by: Donald Anné
October 8, 2007

Holding Times: Samples were analyzed within NYSDEC ASP holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The RRFs for 1,3-dichlorobenzene (0.580, 0.590, and 0574) and 1,2,4-trichlorobenzene (0.132, 0.137, 0.152, 0.170, and 0.165) were below the ASP minimum (0.600 and 0.200 respectively) for MSO on 05-30-07. No action is taken on two or fewer compounds per calibration outside ASP requirements, provided %RSDs are not greater than 40% and RRFs are not less than 0.010.

The average RRFs for target compounds were above the allowable minimum (0.050) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The RRF50s for 1,3-dichlorobenzene (0.537) and 1,2,4-trichlorobenzene (0.130) were below the ASP minimum (0.600 and 0.200 respectively) on 06-20-07 (O0670). No action is taken on two or fewer compounds per calibration outside ASP requirements, provided %Ds are not greater than 40% and RRF50s are not less than 0.010.

The RRF50s for target compounds were above the allowable minimum (0.050) and the %Ds were below the allowable maximum (25%), as required.

Blanks: Method blank MB 220-7137/2 contained traces of acetone (800 ug/kg) and methylene chloride (77 ug/kg). Results for acetone and methylene chloride that are less than ten times the method blank level should be reported as not detected (U) in associated samples.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

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Surrogate Recovery: The surrogate recoveries were within control limits for environmental samples.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences were below the allowable maximums and the percent recoveries were within control limits for MS/MSD sample VB3-25-15.8-19.8.

Laboratory Control Sample: The percent recoveries were within QC limits for samples MSB 220-7137/6 and LCS 220-7137/9.

Compound ID: Checked compounds were within GC/MS quantitation and qualitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

SAMPLE SUMMARY

Client: Severn Trent Laboratories, Inc.

Job Number: 220-1866-1
Sdg Number: NY5A9350

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
220-1866-1	VB3-25-15.8-19.8	Solid	06/16/2007 1230	06/19/2007 0920
220-1866-2	VB3D-1-15.1-19.1	Solid	06/16/2007 1320	06/19/2007 0920

Client: Severn Trent Laboratories, Inc.

Job Number: 220-1866-1
Sdg Number: NY5A9350

Client Sample ID: VB3-25-15.8-19.8

Lab Sample ID: 220-1866-1
Client Matrix: Solid
% Moisture: 48.3

Date Sampled: 06/16/2007 1230
Date Received: 06/19/2007 0920

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B-Medium
Dilution: 5.0
Date Analyzed: 06/20/2007 1208
Date Prepared: 06/20/2007 1352

Analysis Batch: 220-7137
Prep Batch: 220-7138

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O0675.D
Initial Weight/Volume: 4 g
Final Weight/Volume: 10 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		12000	U	97	12000
Vinyl chloride		12000	U	97	12000
Bromomethane		12000	U	97	12000
Chloroethane		12000	U	97	12000
1,1-Dichloroethene		12000	U	97	12000
Carbon disulfide		12000	U	97	12000
Acetone		19000	B U	97	12000
Methylene Chloride		3500	J B U	97	12000
1,1-Dichloroethane		12000	U	97	12000
2-Butanone (MEK)		12000	U	97	12000
Chloroform		12000	U	97	12000
1,1,1-Trichloroethane		12000	U	97	12000
Carbon tetrachloride		12000	U	97	12000
Benzene		12000	U	97	12000
1,2-Dichloroethane		12000	U	97	12000
Trichloroethene		3500	J	97	12000
1,2-Dichloropropane		12000	U	97	12000
Bromodichloromethane		12000	U	97	12000
cis-1,3-Dichloropropene		12000	U	97	12000
4-Methyl-2-pentanone (MIBK)		12000	U	97	12000
Toluene		12000	U	97	12000
trans-1,3-Dichloropropene		12000	U	97	12000
1,1,2-Trichloroethane		12000	U	97	12000
Tetrachloroethene		150000		97	12000
2-Hexanone		12000	U	97	12000
Dibromochloromethane		12000	U	97	12000
Chlorobenzene		12000	U	97	12000
Ethylbenzene		12000	U	97	12000
Styrene		12000	U	97	12000
Bromoform		12000	U	97	12000
1,1,2,2-Tetrachloroethane		12000	U	97	12000
Xylenes, Total		12000	U	97	12000
cis-1,2-Dichloroethene		1300	J	97	12000
trans-1,2-Dichloroethene		12000	U	97	12000
Dichlorodifluoromethane		12000	U	97	12000
Trichlorofluoromethane		12000	U	97	12000
1,1,2-Trichloro-1,2,2-trifluoroethane		12000	U	97	12000
Methyl tert-butyl ether		12000	U	97	12000
1,2-Dibromoethane		12000	U	97	12000
Isopropylbenzene		12000	U	97	12000
1,3-Dichlorobenzene		12000	U	97	12000
1,4-Dichlorobenzene		12000	U	97	12000
1,2-Dichlorobenzene		12000	U	97	12000

Client: Severn Trent Laboratories, Inc.

Job Number: 220-1866-1
Sdg Number: NY5A9350

Client Sample ID: **VB3-25-15.8-19.8**

Lab Sample ID: 220-1866-1
Client Matrix: Solid
% Moisture: 48.3

Date Sampled: 06/16/2007 1230
Date Received: 06/19/2007 0920

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B-Medium
Dilution: 5.0
Date Analyzed: 06/20/2007 1208
Date Prepared: 06/20/2007 1352

Analysis Batch: 220-7137
Prep Batch: 220-7138

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O0675.D
Initial Weight/Volume: 4 g
Final Weight/Volume: 10 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2-Dibromo-3-Chloropropane		12000	U	97	12000
1,2,4-Trichlorobenzene		12000	U	97	12000
Methyl acetate		1200	J	97	12000
Cyclohexane		12000	U	97	12000
Methylcyclohexane		12000	U	97	12000

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104	70 - 121
4-Bromofluorobenzene	87	59 - 113
Toluene-d8 (Surr)	102	84 - 138

Client: Severn Trent Laboratories, Inc.

Job Number: 220-1866-1
Sdg Number: NY5A9350

Client Sample ID: VB3D-1-15.1-19.1

Lab Sample ID: 220-1866-2
Client Matrix: Solid
% Moisture: 45.4

Date Sampled: 06/16/2007 1320
Date Received: 06/19/2007 0920

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B-Medium
Dilution: 10
Date Analyzed: 06/20/2007 1144
Date Prepared: 06/20/2007 1352

Analysis Batch: 220-7137
Prep Batch: 220-7138

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O0674.D
Initial Weight/Volume: 4 g
Final Weight/Volume: 10 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		22000	U	180	22000
Vinyl chloride		22000	U	180	22000
Bromomethane		22000	U	180	22000
Chloroethane		22000	U	180	22000
1,1-Dichloroethene		22000	U	180	22000
Carbon disulfide		22000	U	180	22000
Acetone		18000	J B U	180	22000
Methylene Chloride		8500	J B U	180	22000
1,1-Dichloroethane		22000	U	180	22000
2-Butanone (MEK)		22000	U	180	22000
Chloroform		22000	U	180	22000
1,1,1-Trichloroethane		22000	U	180	22000
Carbon tetrachloride		22000	U	180	22000
Benzene		22000	U	180	22000
1,2-Dichloroethane		22000	U	180	22000
Trichloroethene		3300	J	180	22000
1,2-Dichloropropane		22000	U	180	22000
Bromodichloromethane		22000	U	180	22000
cis-1,3-Dichloropropene		22000	U	180	22000
4-Methyl-2-pentanone (MIBK)		22000	U	180	22000
Toluene		22000	U	180	22000
trans-1,3-Dichloropropene		22000	U	180	22000
1,1,2-Trichloroethane		22000	U	180	22000
Tetrachloroethene		320000		180	22000
2-Hexanone		22000	U	180	22000
Dibromochloromethane		22000	U	180	22000
Chlorobenzene		22000	U	180	22000
Ethylbenzene		22000	U	180	22000
Styrene		22000	U	180	22000
Bromoform		22000	U	180	22000
1,1,2,2-Tetrachloroethane		22000	U	180	22000
Xylenes, Total		22000	U	180	22000
cis-1,2-Dichloroethene		22000	U	180	22000
trans-1,2-Dichloroethene		22000	U	180	22000
Dichlorodifluoromethane		22000	U	180	22000
Trichlorofluoromethane		22000	U	180	22000
1,1,2-Trichloro-1,2,2-trifluoroethane		22000	U	180	22000
Methyl tert-butyl ether		22000	U	180	22000
1,2-Dibromoethane		22000	U	180	22000
Isopropylbenzene		22000	U	180	22000
1,3-Dichlorobenzene		22000	U	180	22000
1,4-Dichlorobenzene		22000	U	180	22000
1,2-Dichlorobenzene		22000	U	180	22000

Client: Severn Trent Laboratories, Inc.

Job Number: 220-1866-1
Sdg Number: NY5A9350

Client Sample ID: **VB3D-1-15.1-19.1**

Lab Sample ID: 220-1866-2
Client Matrix: Solid
% Moisture: 45.4

Date Sampled: 06/16/2007 1320
Date Received: 06/19/2007 0920

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B-Medium
Dilution: 10
Date Analyzed: 06/20/2007 1144
Date Prepared: 06/20/2007 1352

Analysis Batch: 220-7137
Prep Batch: 220-7138

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O0674.D
Initial Weight/Volume: 4 g
Final Weight/Volume: 10 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2-Dibromo-3-Chloropropane		22000	U	180	22000
1,2,4-Trichlorobenzene		22000	U	180	22000
Methyl acetate		22000	U	180	22000
Cyclohexane		22000	U	180	22000
Methylcyclohexane		22000	U	180	22000

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99	70 - 121
4-Bromofluorobenzene	85	59 - 113
Toluene-d8 (Surr)	100	84 - 138

ALPHA GEOSCIENCE

Geology
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Remediation
Water Supply

Data Usability Summary Report for
STL Buffalo, Job No. A07-7574
Subcontracted to Test America, Connecticut
as SDG No. 220-2025-1

2 Soil Samples
Collected July 2, 2007

Prepared by: Donald Anné
October 8, 2007

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contains the results for 2 soil samples analyzed for volatiles.

The overall performances of the analyses are acceptable. Test America, Connecticut did fulfill the requirements of the analytical method.

The data are acceptable with some minor issues that are identified in the accompanying data validation review. The following data were flagged:

- Positive volatile results for methylene chloride were flagged as "not detected" (U) in both soil samples and dilutions because the levels reported in the samples were not significantly greater (more than 10 times) than the associated method blank level.

- The positive volatile result for acetone was flagged as "not detected" (U) in sample VB3-25-15.8-19.8DL because the levels reported in the sample was not significantly greater (more than 10 times) than the associated method blank level.

- Volatile results for 5 compounds in sample VB3-25-15.8-19.8 and results for 2 compounds in samples VB3D-1-15.1-19.1 were quantitated using data that were extrapolated beyond the highest calibration standard and flagged "E" by the laboratory. The results for these compounds were qualified as estimated (J) in the undiluted samples. It is recommended that the diluted results be used for those compounds.

All data are considered usable, with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation review.

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ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Volatiles Data for
STL Buffalo, Job No. A07-7574
Subcontracted to Test America, Connecticut
as Job No. 220-2025-1

2 Soil Samples
Collected July 2, 2007

Prepared by: Donald Anné
October 8, 2007

Holding Times: Samples were analyzed within NYSDEC ASP holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The RRFs for 1,3-dichlorobenzene (0.580, 0.590, and 0574) and 1,2,4-trichlorobenzene (0.132, 0.137, 0.152, 0.170, and 0.165) were below the ASP minimum (0.600 and 0.200 respectively) for MSO on 05-30-07. No action is taken on two or fewer compounds per calibration outside ASP requirements, provided %RSDs are not greater than 40% and RRFs are not less than 0.010.

The average RRFs for target compounds were above the allowable minimum (0.050), as required.

The %RSD for chloroethane (53.2%) was above the allowable maximum (30%) for MSO on 07-03-07. Positive results for chloroethane should be considered estimates (J) in associated samples.

Continuing Calibration: The %Ds for bromomethane (38.7%) and bromofluorobenzene (25.9%) were above the ASP maximum (25%) on 07-03-07 (O0752). The RRF50 for 1,2,4-trichlorobenzene (0.135) was below the ASP minimum (0.200) on 07-05-07 (O0769). No action is taken on two or fewer compounds per calibration outside ASP requirements, provided %Ds are not greater than 40% and RRF50s are not less than 0.010.

The RRF50s for target compounds were above the allowable minimum (0.050), as required.

The %Ds for dichlorodifluoromethane (59.8%), chloromethane (29.2%), bromomethane (38.7%), and chloroethane (89.9%) were above the allowable maximum (25%) on 07-03-07 (O0752). The %Ds for dichlorodifluoromethane (52.6%), trichlorofluoromethane (31.6%),

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methyl tert-butyl ether (26.2%), and methyl acetate (37.3%) were above the allowable maximum (25%) on 07-05-07 (O0769). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: Method blank MB 220-7571/2 contained traces of acetone (1.6 ug/kg) and methylene chloride (5.4 ug/kg). Method blank MB 220-7575/2 contained traces of acetone (390 ug/kg) and methylene chloride (34 ug/kg). Results for acetone and methylene chloride that are less than ten times the method blank level should be reported as not detected (U) in associated samples.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Surrogate Recovery: The surrogate recoveries were within control limits for environmental samples.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences were below the allowable maximums and the percent recoveries were within control limits for MS/MSD sample VB3D-1-15.1-19.1.

Laboratory Control Sample: The percent recoveries were within QC limits for samples MSB 220-7571/8 and LCS 220-7571/9.

Compound ID: Checked compounds were within GC/MS quantitation and qualitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

The results for 5 volatile compounds in sample VB3-25-15.8-19.8 and results for 2 compounds in sample VB3D-1-15.1-19.1 were quantitated by extrapolating data above the highest calibration standard and marked 'E' by the laboratory. The samples were diluted by the laboratory and re-analyzed; therefore, the results for these compounds that are flagged as 'E' in the undiluted samples should be considered estimated (J) and the use of the diluted results for these compounds is recommended. It is recommended that the undiluted results be used for all other compounds.

SAMPLE SUMMARY

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2025-1
Sdg Number: 220-2025

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
220-2025-1	VB3-25-15.8-19.8	Solid	07/02/2007 1130	07/03/2007 0955
220-2025-2	VB3D-1-15.1-19.1	Solid	07/02/2007 1230	07/03/2007 0955

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2025-1
Sdg Number: 220-2025

Client Sample ID: VB3-25-15.8-19.8

Lab Sample ID: 220-2025-1
Client Matrix: Solid
% Moisture: 40.6

Date Sampled: 07/02/2007 1130
Date Received: 07/03/2007 0955

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B
Dilution: 5.0
Date Analyzed: 07/04/2007 0115
Date Prepared: 07/04/2007 0115

Analysis Batch: 220-7571

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O0757.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		84	U	0.84	84
Vinyl chloride		84	U	0.84	84
Bromomethane		84	U	0.84	84
Chloroethane		84	U	0.84	84
1,1-Dichloroethene		62	J	0.84	84
Carbon disulfide		28	J	0.84	84
Acetone		4400	E B J	0.84	84
Methylene Chloride		110	B U	0.84	84
1,1-Dichloroethane		84	U	0.84	84
Methyl Ethyl Ketone		2100	E J	0.84	84
Chloroform		84	U	0.84	84
1,1,1-Trichloroethane		84	U	0.84	84
Carbon tetrachloride		84	U	0.84	84
Benzene		13	J	0.84	84
1,2-Dichloroethane		84	U	0.84	84
Trichloroethene		5100	E J	0.84	84
1,2-Dichloropropane		84	U	0.84	84
Bromodichloromethane		84	U	0.84	84
cis-1,3-Dichloropropene		84	U	0.84	84
methyl isobutyl ketone		84	U	0.84	84
Toluene		50	J	0.84	84
trans-1,3-Dichloropropene		84	U	0.84	84
1,1,2-Trichloroethane		84	U	0.84	84
Tetrachloroethene		11000	E J	0.84	84
2-Hexanone		28	J	0.84	84
Dibromochloromethane		84	U	0.84	84
Chlorobenzene		84	U	0.84	84
Ethylbenzene		19	J	0.84	84
Styrene		84	U	0.84	84
Bromoform		84	U	0.84	84
1,1,2,2-Tetrachloroethane		84	U	0.84	84
Xylenes, Total		150		0.84	84
cis-1,2-Dichloroethene		2400	E J	0.84	84
trans-1,2-Dichloroethene		59	J	0.84	84
Dichlorodifluoromethane		84	U	0.84	84
Trichlorofluoromethane		84	U	0.84	84
1,1,2-Trichloro-1,2,2-trifluoroethane		84	U	0.84	84
Methyl tert-butyl ether		84	U	0.84	84
1,2-Dibromoethane		84	U	0.84	84
Isopropylbenzene		84	U	0.84	84
1,3-Dichlorobenzene		84	U	0.84	84
1,4-Dichlorobenzene		84	U	0.84	84
1,2-Dichlorobenzene		84	U	0.84	84
1,2-Dibromo-3-Chloropropane		84	U	0.84	84

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2025-1
Sdg Number: 220-2025

Client Sample ID: **VB3-25-15.8-19.8**

Lab Sample ID: 220-2025-1
Client Matrix: Solid
% Moisture: 40.6

Date Sampled: 07/02/2007 1130
Date Received: 07/03/2007 0955

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B
Dilution: 5.0
Date Analyzed: 07/04/2007 0115
Date Prepared: 07/04/2007 0115

Analysis Batch: 220-7571

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O0757.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	84	U	0.84	84
Methyl acetate	84	U	0.84	84
Cyclohexane	84	U	0.84	84
Methylcyclohexane	84	U	0.84	84

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101	70 - 121
4-Bromofluorobenzene	99	59 - 113
Toluene-d8 (Surr)	99	84 - 138

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2025-1
Sdg Number: 220-2025

Client Sample ID: VB3-25-15.8-19.8 DL

Lab Sample ID: 220-2025-1
Client Matrix: Solid
% Moisture: 40.6

Date Sampled: 07/02/2007 1130
Date Received: 07/03/2007 0955

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B-Medium
Dilution: 5.0
Date Analyzed: 07/05/2007 1539
Date Prepared: 07/05/2007 1028

Analysis Batch: 220-7575
Prep Batch: 220-7574

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O0774.D
Initial Weight/Volume: 4 g
Final Weight/Volume: 10 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		10000	U	84	10000
Vinyl chloride		10000	U	84	10000
Bromomethane		10000	U	84	10000
Chloroethane		10000	U	84	10000
1,1-Dichloroethene		10000	U	84	10000
Carbon disulfide		10000	U	84	10000
Acetone		14000	B U	84	10000
Methylene Chloride		300	J B U	84	10000
1,1-Dichloroethane		10000	U	84	10000
Methyl Ethyl Ketone		4300	J	84	10000
Chloroform		10000	U	84	10000
1,1,1-Trichloroethane		10000	U	84	10000
Carbon tetrachloride		10000	U	84	10000
Benzene		10000	U	84	10000
1,2-Dichloroethane		10000	U	84	10000
Trichloroethene		7000	J	84	10000
1,2-Dichloropropane		10000	U	84	10000
Bromodichloromethane		10000	U	84	10000
cis-1,3-Dichloropropene		10000	U	84	10000
methyl isobutyl ketone		10000	U	84	10000
Toluene		10000	U	84	10000
trans-1,3-Dichloropropene		10000	U	84	10000
1,1,2-Trichloroethane		10000	U	84	10000
Tetrachloroethene		170000		84	10000
2-Hexanone		10000	U	84	10000
Dibromochloromethane		10000	U	84	10000
Chlorobenzene		10000	U	84	10000
Ethylbenzene		10000	U	84	10000
Styrene		10000	U	84	10000
Bromoform		10000	U	84	10000
1,1,2,2-Tetrachloroethane		10000	U	84	10000
Xylenes, Total		10000	U	84	10000
cis-1,2-Dichloroethene		2700	J	84	10000
trans-1,2-Dichloroethene		10000	U	84	10000
Dichlorodifluoromethane		10000	U	84	10000
Trichlorofluoromethane		10000	U	84	10000
1,1,2-Trichloro-1,2,2-trifluoroethane		10000	U	84	10000
Methyl tert-butyl ether		10000	U	84	10000
1,2-Dibromoethane		10000	U	84	10000
Isopropylbenzene		10000	U	84	10000
1,3-Dichlorobenzene		10000	U	84	10000
1,4-Dichlorobenzene		10000	U	84	10000
1,2-Dichlorobenzene		10000	U	84	10000
1,2-Dibromo-3-Chloropropane		10000	U	84	10000

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2025-1
Sdg Number: 220-2025

Client Sample ID: VB3-25-15.8-19.8 DL

Lab Sample ID: 220-2025-1
Client Matrix: Solid
% Moisture: 40.6
Date Sampled: 07/02/2007 1130
Date Received: 07/03/2007 0955

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B-Medium
Dilution: 5.0
Date Analyzed: 07/05/2007 1539
Date Prepared: 07/05/2007 1028
Analysis Batch: 220-7575
Prep Batch: 220-7574
Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O0774.D
Initial Weight/Volume: 4 g
Final Weight/Volume: 10 mL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	10000	U	84	10000
Methyl acetate	620	J	84	10000
Cyclohexane	10000	U	84	10000
Methylcyclohexane	10000	U	84	10000

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97	70 - 121
4-Bromofluorobenzene	95	59 - 113
Toluene-d8 (Surr)	96	84 - 138

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2025-1
Sdg Number: 220-2025

Client Sample ID: **VB3D-1-15.1-19.1**

Lab Sample ID: 220-2025-2
Client Matrix: Solid
% Moisture: 42.6

Date Sampled: 07/02/2007 1230
Date Received: 07/03/2007 0955

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B
Dilution: 5.0
Date Analyzed: 07/03/2007 2358
Date Prepared: 07/03/2007 2358

Analysis Batch: 220-7571

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O0754.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane	87	U	0.87	87
Vinyl chloride	87	U	0.87	87
Bromomethane	87	U	0.87	87
Chloroethane	87	U	0.87	87
1,1-Dichloroethene	87	U	0.87	87
Carbon disulfide	15	J	0.87	87
Acetone	3100	E B J	0.87	87
Methylene Chloride	110	B U	0.87	87
1,1-Dichloroethane	87	U	0.87	87
Methyl Ethyl Ketone	1000		0.87	87
Chloroform	87	U	0.87	87
1,1,1-Trichloroethane	87	U	0.87	87
Carbon tetrachloride	87	U	0.87	87
Benzene	2.1	J	0.87	87
1,2-Dichloroethane	87	U	0.87	87
Trichloroethene	69	J	0.87	87
1,2-Dichloropropane	87	U	0.87	87
Bromodichloromethane	87	U	0.87	87
cis-1,3-Dichloropropene	87	U	0.87	87
methyl isobutyl ketone	87	U	0.87	87
Toluene	22	J	0.87	87
trans-1,3-Dichloropropene	87	U	0.87	87
1,1,2-Trichloroethane	87	U	0.87	87
Tetrachloroethene	3000	E J	0.87	87
2-Hexanone	27	J	0.87	87
Dibromochloromethane	87	U	0.87	87
Chlorobenzene	87	U	0.87	87
Ethylbenzene	1.2	J	0.87	87
Styrene	87	U	0.87	87
Bromoform	87	U	0.87	87
1,1,2,2-Tetrachloroethane	87	U	0.87	87
Xylenes, Total	56	J	0.87	87
cis-1,2-Dichloroethene	87	U	0.87	87
trans-1,2-Dichloroethene	87	U	0.87	87
Dichlorodifluoromethane	87	U	0.87	87
Trichlorofluoromethane	87	U	0.87	87
1,1,2-Trichloro-1,2,2-trifluoroethane	87	U	0.87	87
Methyl tert-butyl ether	87	U	0.87	87
1,2-Dibromoethane	87	U	0.87	87
Isopropylbenzene	87	U	0.87	87
1,3-Dichlorobenzene	87	U	0.87	87
1,4-Dichlorobenzene	87	U	0.87	87
1,2-Dichlorobenzene	87	U	0.87	87
1,2-Dibromo-3-Chloropropane	87	U	0.87	87

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2025-1
Sdg Number: 220-2025

Client Sample ID: **VB3D-1-15.1-19.1**

Lab Sample ID: 220-2025-2
Client Matrix: Solid
% Moisture: 42.6

Date Sampled: 07/02/2007 1230
Date Received: 07/03/2007 0955

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B
Dilution: 5.0
Date Analyzed: 07/03/2007 2358
Date Prepared: 07/03/2007 2358

Analysis Batch: 220-7571

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O0754.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	87	U	0.87	87
Methyl acetate	87	U	0.87	87
Cyclohexane	87	U	0.87	87
Methylcyclohexane	87	U	0.87	87

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102	70 - 121
4-Bromofluorobenzene	100	59 - 113
Toluene-d8 (Surr)	99	84 - 138

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2025-1
Sdg Number: 220-2025

Client Sample ID: VB3D-1-15.1-19.1 DL

Lab Sample ID: 220-2025-2
Client Matrix: Solid

% Moisture: 42.6

Date Sampled: 07/02/2007 1230
Date Received: 07/03/2007 0955

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B
Dilution: 10
Date Analyzed: 07/04/2007 0231
Date Prepared: 07/04/2007 0231

Analysis Batch: 220-7571

Run Type: DL

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O0760.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane	170	U	1.7	170
Vinyl chloride	170	U	1.7	170
Bromomethane	170	U	1.7	170
Chloroethane	170	U	1.7	170
1,1-Dichloroethene	170	U	1.7	170
Carbon disulfide	170	U	1.7	170
Acetone	2800	B	1.7	170
Methylene Chloride	120	J B U	1.7	170
1,1-Dichloroethane	170	U	1.7	170
Methyl Ethyl Ketone	860		1.7	170
Chloroform	170	U	1.7	170
1,1,1-Trichloroethane	170	U	1.7	170
Carbon tetrachloride	170	U	1.7	170
Benzene	2.9	J	1.7	170
1,2-Dichloroethane	170	U	1.7	170
Trichloroethene	55	J	1.7	170
1,2-Dichloropropane	170	U	1.7	170
Bromodichloromethane	170	U	1.7	170
cis-1,3-Dichloropropene	170	U	1.7	170
methyl isobutyl ketone	170	U	1.7	170
Toluene	18	J	1.7	170
trans-1,3-Dichloropropene	170	U	1.7	170
1,1,2-Trichloroethane	170	U	1.7	170
Tetrachloroethene	2200		1.7	170
2-Hexanone	20	J	1.7	170
Dibromochloromethane	170	U	1.7	170
Chlorobenzene	170	U	1.7	170
Ethylbenzene	170	U	1.7	170
Styrene	170	U	1.7	170
Bromoform	170	U	1.7	170
1,1,2,2-Tetrachloroethane	170	U	1.7	170
Xylenes, Total	37	J	1.7	170
cis-1,2-Dichloroethene	170	U	1.7	170
trans-1,2-Dichloroethene	170	U	1.7	170
Dichlorodifluoromethane	170	U	1.7	170
Trichlorofluoromethane	170	U	1.7	170
1,1,2-Trichloro-1,2,2-trifluoroethane	170	U	1.7	170
Methyl tert-butyl ether	170	U	1.7	170
1,2-Dibromoethane	170	U	1.7	170
Isopropylbenzene	170	U	1.7	170
1,3-Dichlorobenzene	170	U	1.7	170
1,4-Dichlorobenzene	170	U	1.7	170
1,2-Dichlorobenzene	170	U	1.7	170
1,2-Dibromo-3-Chloropropane	170	U	1.7	170

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2025-1
Sdg Number: 220-2025

Client Sample ID: VB3D-1-15.1-19.1 DL

Lab Sample ID: 220-2025-2
Client Matrix: Solid

% Moisture: 42.6

Date Sampled: 07/02/2007 1230
Date Received: 07/03/2007 0955

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B
Dilution: 10
Date Analyzed: 07/04/2007 0231
Date Prepared: 07/04/2007 0231

Analysis Batch: 220-7571
Run Type: DL

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O0760.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	170	U	1.7	170
Methyl acetate	170	U	1.7	170
Cyclohexane	170	U	1.7	170
Methylcyclohexane	170	U	1.7	170

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101	70 - 121
4-Bromofluorobenzene	96	59 - 113
Toluene-d8 (Surr)	97	84 - 138

ALPHA
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Geology
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Data Usability Summary Report for
STL Buffalo, Job No. A07-7883
Subcontracted to STL Connecticut
as Job No. 220-2050-1

1 Soil Sample
Collected July 2, 2007

Prepared by: Donald Anné
October 8, 2007

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contains the results for 1 soil sample analyzed for volatiles.

The overall performances of the analyses are acceptable. STL Connecticut did fulfill the requirements of the analytical method.

The data are acceptable with some minor issues that are identified in the accompanying data validation review. The following data were flagged:

- Positive volatile results for methylene chloride were flagged as "not detected" (U) in sample VB1-8-15.4-18.4 and its dilution because the levels reported in the samples were not significantly greater (more than 10 times) than the associated method blank level.

- Volatile results for 3 compounds in sample VB1-8-15.4-18.4 were quantitated using data that were extrapolated beyond the highest calibration standard and flagged "E" by the laboratory. The results for these compounds were qualified as estimated (J) in the undiluted sample. It is recommended that the diluted results be used for those compounds.

All data are considered usable, with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation review.

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ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Volatiles Data for
STL Buffalo, Job No. A07-7883
Subcontracted to STL Connecticut
as Job No. 220-2050-1

1 Soil Sample
Collected July 2, 2007

Prepared by: Donald Anné
October 8, 2007

Holding Times: Sample VB1-8-15.4-18.4 was analyzed within NYSDEC ASP holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The RRFs for 1,3-dichlorobenzene (0.580, 0.590, and 0574) and 1,2,4-trichlorobenzene (0.132, 0.137, 0.152, 0.170, and 0.165) were below the ASP minimum (0.600 and 0.200 respectively) for MSO on 05-30-07. No action is taken on two or fewer compounds per calibration outside ASP requirements, provided %RSDs are not greater than 40% and RRFs are not less than 0.010.

The average RRFs for target compounds were above the allowable minimum (0.050), as required.

The %RSD for chloroethane (53.2%) was above the allowable maximum (30%) for MSO on 07-03-07. Positive results for chloroethane should be considered estimates (J) in associated samples.

Continuing Calibration: The %Ds for bromomethane (36.0%) and bromofluorobenzene (25.2%) were above the ASP maximum (25%) on 07-06-07 (O0778). The RRF50 for 1,2,4-trichlorobenzene (0.150) was below the ASP minimum (0.200) on 07-09-07 (O0786). No action is taken on two or fewer compounds per calibration outside ASP requirements, provided %Ds are not greater than 40% and RRF50s are not less than 0.010.

The RRF50s for target compounds were above the allowable minimum (0.050), as required.

The %Ds for dichlorodifluoromethane (44.1%), bromomethane (36.0%), and chloroethane (79.3%) were above the allowable maximum (25%) on 07-06-07 (O0778). The %Ds for dichlorodifluoromethane (55.2%), trichlorofluoromethane (37.1%), trichlortrifluoroethane

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(32.0%), methylene chloride (27.6%), methyl tert-butyl ether (37.3%), and methyl acetate (40.7%) were above the allowable maximum (25%) on 07-09-07 (O0786). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: Method blank MB 220-7648/2 contained a trace of methylene chloride (6.0 ug/kg). Method blank MB 220-7672/2 contained traces of acetone (610 ug/kg) and methylene chloride (50 ug/kg). Results for acetone and methylene chloride that are less than ten times the method blank level should be reported as not detected (U) in associated samples.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Surrogate Recovery: The surrogate recoveries were within control limits for sample VB1-8-15.4-18.4.

Matrix Spike/Matrix Spike Duplicate: MS/MSD data were not provided in this data pack. No action is taken on MS/MSD data alone to qualify or reject an entire set of samples.

Laboratory Control Sample: The percent recoveries were within QC limits for sample LCS 220-7672/4.

Compound ID: Checked compounds were within GC/MS quantitation and qualitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

The results for 3 volatile compounds in sample VB1-8-15.4-19.4 were quantitated by extrapolating data above the highest calibration standard and marked 'E' by the laboratory. The sample was diluted by the laboratory and re-analyzed; therefore, the results for these compounds that are flagged as 'E' in the undiluted sample should be considered estimated (J) and the use of the diluted results for these compounds is recommended. It is recommended that the undiluted results be used for all other compounds.

SAMPLE SUMMARY

Client: Severn Trent Laboratories, Inc.

Job Number: 220-2050-1
Sdg Number: 220-2044

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
220-2050-1	VB1-8-15.4-18.4	Solid	07/02/2007 1700	07/06/2007 0935

Analytical Data

Client: Severn Trent Laboratories, Inc.

Job Number: 220-2050-1
Sdg Number: 220-2044

Client Sample ID: VB1-8-15.4-18.4

Lab Sample ID: 220-2050-1
Client Matrix: Solid
% Moisture: 42.1

Date Sampled: 07/02/2007 1700
Date Received: 07/06/2007 0935

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B
Dilution: 5.0
Date Analyzed: 07/06/2007 1546
Date Prepared: 07/06/2007 1546

Analysis Batch: 220-7648

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O0781.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		86	U	0.86	86
Vinyl chloride		86	U	0.86	86
Bromomethane		86	U	0.86	86
Chloroethane		86	U	0.86	86
1,1-Dichloroethene		86	U	0.86	86
Carbon disulfide		86	U	0.86	86
Acetone		7500	E J	0.86	86
Methylene Chloride		110	B U	0.86	86
1,1-Dichloroethane		86	U	0.86	86
2-Butanone (MEK)		2700	E J	0.86	86
Chloroform		86	U	0.86	86
1,1,1-Trichloroethane		86	U	0.86	86
Carbon tetrachloride		86	U	0.86	86
Benzene		4.2	J	0.86	86
1,2-Dichloroethane		86	U	0.86	86
Trichloroethene		78	J	0.86	86
1,2-Dichloropropane		86	U	0.86	86
Bromodichloromethane		86	U	0.86	86
cis-1,3-Dichloropropene		86	U	0.86	86
4-Methyl-2-pentanone (MIBK)		86	U	0.86	86
Toluene		24	J	0.86	86
trans-1,3-Dichloropropene		86	U	0.86	86
1,1,2-Trichloroethane		86	U	0.86	86
Tetrachloroethene		12000	E J	0.86	86
2-Hexanone		42	J	0.86	86
Dibromochloromethane		86	U	0.86	86
Chlorobenzene		86	U	0.86	86
Ethylbenzene		86	U	0.86	86
Styrene		86	U	0.86	86
Bromoform		86	U	0.86	86
1,1,2,2-Tetrachloroethane		86	U	0.86	86
Xylenes, Total		51	J	0.86	86
cis-1,2-Dichloroethene		58	J	0.86	86
trans-1,2-Dichloroethene		86	U	0.86	86
Dichlorodifluoromethane		86	U	0.86	86
Trichlorofluoromethane		86	U	0.86	86
1,1,2-Trichloro-1,2,2-trifluoroethane		86	U	0.86	86
Methyl tert-butyl ether		86	U	0.86	86
1,2-Dibromoethane		86	U	0.86	86
Isopropylbenzene		86	U	0.86	86
1,3-Dichlorobenzene		86	U	0.86	86
1,4-Dichlorobenzene		86	U	0.86	86
1,2-Dichlorobenzene		86	U	0.86	86
1,2-Dibromo-3-Chloropropane		86	U	0.86	86

Analytical Data

Client: Severn Trent Laboratories, Inc.

Job Number: 220-2050-1
Sdg Number: 220-2044

Client Sample ID: **VB1-8-15.4-18.4**

Lab Sample ID: 220-2050-1
Client Matrix: Solid
% Moisture: 42.1
Date Sampled: 07/02/2007 1700
Date Received: 07/06/2007 0935

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B
Dilution: 5.0
Date Analyzed: 07/06/2007 1546
Date Prepared: 07/06/2007 1546
Analysis Batch: 220-7648
Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O0781.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		86	U	0.86	86
Methyl acetate		86	U	0.86	86
Cyclohexane		86	U	0.86	86
Methylcyclohexane		86	U	0.86	86

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102	70 - 121
4-Bromofluorobenzene	100	59 - 113
Toluene-d8 (Surr)	100	84 - 138

Analytical Data

Client: Severn Trent Laboratories, Inc.

Job Number: 220-2050-1
Sdg Number: 220-2044

Client Sample ID: VB1-8-15.4-18.4 DL

Lab Sample ID: 220-2050-1
Client Matrix: Solid
% Moisture: 42.1

Date Sampled: 07/02/2007 1700
Date Received: 07/06/2007 0935

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B-Medium
Dilution: 1.0
Date Analyzed: 07/09/2007 1626
Date Prepared: 07/09/2007 1000

Analysis Batch: 220-7672
Prep Batch: 220-7688
Run Type: DL

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O0789.D
Initial Weight/Volume: 4 g
Final Weight/Volume: 10 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		2100	U	17	2100
Vinyl chloride		2100	U	17	2100
Bromomethane		2100	U	17	2100
Chloroethane		2100	U	17	2100
1,1-Dichloroethene		2100	U	17	2100
Carbon disulfide		2100	U	17	2100
Acetone		15000	B	17	2100
Methylene Chloride		520	J,B U	17	2100
1,1-Dichloroethane		2100	U	17	2100
2-Butanone (MEK)		3800		17	2100
Chloroform		2100	U	17	2100
1,1,1-Trichloroethane		2100	U	17	2100
Carbon tetrachloride		2100	U	17	2100
Benzene		2100	U	17	2100
1,2-Dichloroethane		2100	U	17	2100
Trichloroethene		110	J	17	2100
1,2-Dichloropropane		2100	U	17	2100
Bromodichloromethane		2100	U	17	2100
cis-1,3-Dichloropropene		2100	U	17	2100
4-Methyl-2-pentanone (MIBK)		2100	U	17	2100
Toluene		57	J	17	2100
trans-1,3-Dichloropropene		2100	U	17	2100
1,1,2-Trichloroethane		2100	U	17	2100
Tetrachloroethene		42000		17	2100
2-Hexanone		2100	U	17	2100
Dibromochloromethane		2100	U	17	2100
Chlorobenzene		2100	U	17	2100
Ethylbenzene		2100	U	17	2100
Styrene		2100	U	17	2100
Bromoform		2100	U	17	2100
1,1,2,2-Tetrachloroethane		2100	U	17	2100
Xylenes, Total		180	J	17	2100
cis-1,2-Dichloroethene		2100	U	17	2100
trans-1,2-Dichloroethene		2100	U	17	2100
Dichlorodifluoromethane		2100	U	17	2100
Trichlorofluoromethane		2100	U	17	2100
1,1,2-Trichloro-1,2,2-trifluoroethane		2100	U	17	2100
Methyl tert-butyl ether		2100	U	17	2100
1,2-Dibromoethane		2100	U	17	2100
Isopropylbenzene		2100	U	17	2100
1,3-Dichlorobenzene		2100	U	17	2100
1,4-Dichlorobenzene		2100	U	17	2100
1,2-Dichlorobenzene		2100	U	17	2100
1,2-Dibromo-3-Chloropropane		2100	U	17	2100

Analytical Data

Client: Severn Trent Laboratories, Inc.

Job Number: 220-2050-1
Sdg Number: 220-2044

Client Sample ID: VB1-8-15.4-18.4 DL

Lab Sample ID: 220-2050-1
Client Matrix: Solid
% Moisture: 42.1

Date Sampled: 07/02/2007 1700
Date Received: 07/06/2007 0935

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B-Medium
Dilution: 1.0
Date Analyzed: 07/09/2007 1626
Date Prepared: 07/09/2007 1000

Analysis Batch: 220-7672
Prep Batch: 220-7688
Run Type: DL

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O0789.D
Initial Weight/Volume: 4 g
Final Weight/Volume: 10 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		2100	U	17	2100
Methyl acetate		2100	U	17	2100
Cyclohexane		2100	U	17	2100
Methylcyclohexane		2100	U	17	2100

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	75	70 - 121
4-Bromofluorobenzene	90	59 - 113
Toluene-d8 (Surr)	93	84 - 138

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Water Supply

Data Usability Summary Report for
STL Buffalo, Job No. A07-9108
Subcontracted to Test America, Connecticut
as SDG No. 220-2145-1

3 Soil Samples
Collected July 16, 2007

Prepared by: Donald Anné
October 8, 2007

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contains the results for 3 soil samples analyzed for volatiles.

The overall performances of the analyses are acceptable. Test America, Connecticut did fulfill the requirements of the analytical method.

The data are acceptable with some minor issues that are identified in the accompanying data validation review. The following data were flagged:

- Positive volatile results for methylene chloride were flagged as "not detected" (U) in all 3 soil samples and dilutions because the levels reported in the samples were not significantly greater (more than 10 times) than the associated method blank level.

- Positive volatile results for acetone were flagged as "not detected" (U) in all 3 diluted soil samples because the levels reported in the samples were not significantly greater (more than 10 times) than the associated method blank level.

- The positive volatile results for acetone were flagged as "estimated" (J) in all 3 undiluted soil samples because the %D for acetone was above the allowable maximum in the associated continuing calibration.

- Volatile results for 3 volatile compounds in samples VB3-25-15.8-19.8 and VB1-8-15.4-19.4, and the result for acetone in sample VB1-16-8.8-12.8 were quantitated using data that were extrapolated beyond the highest calibration standard and flagged "E" by the laboratory. The results for these compounds were qualified as estimated (J) in the undiluted samples. It is recommended that the diluted results be used for those compounds.

All data are considered usable, with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation review.

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ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Volatiles Data for
STL Buffalo, Job No. A07-9108
Subcontracted to Test America, Connecticut
as Job No. 220-2145-1

3 Soil Samples
Collected July 16, 2007

Prepared by: Donald Anné
October 8, 2007

Holding Times: Samples were analyzed within NYSDEC ASP holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The compounds with ASP criteria for RRFs and %RSDs met those requirements.

The average RRFs for target compounds were above the allowable minimum (0.050) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The %D for bromofluorobenzene (31.4%) was above the ASP maximum (25%) on 07-17-07 (N3051). No action is taken on two or fewer compounds per calibration outside ASP requirements, provided %Ds are not greater than 40% and RRF50s are not less than 0.010.

The RRF50s for target compounds were above the allowable minimum (0.050), as required.

The %D for acetone (37.9%) was above the allowable maximum (25%) on 07-17-07 (N3051). Positive results for acetone should be considered estimated (J) in associated samples.

Blanks: Method blank MB 220-8006/2 contained a trace of methylene chloride (5.2 ug/kg). Method blank MB 220-8020/2 contained traces of acetone (400 ug/kg) and methylene chloride (38 ug/kg). Results for acetone and methylene chloride that are less than ten times the method blank level should be reported as not detected (U) in associated samples.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

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Surrogate Recovery: The surrogate recoveries were within control limits for environmental samples.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences were below the allowable maximums and the percent recoveries were within control limits for MS/MSD sample VB3-25-15.8-19.8.

Laboratory Control Sample: The percent recoveries were within QC limits for samples LCS 220-8006/6, LCS 220-8020/9, and MSB 220-8020/6.

Compound ID: Checked compounds were within GC/MS quantitation and qualitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

The results for 3 volatile compounds in samples VB3-25-15.8-19.8 and VB1-8-15.4-19.4, and the result for acetone in sample VB1-16-8.8-12.8 were quantitated by extrapolating data above the highest calibration standard and marked 'E' by the laboratory. The samples were diluted by the laboratory and re-analyzed; therefore, the results for these compounds that are flagged as 'E' in the undiluted samples should be considered estimated (J) and the use of the diluted results for these compounds is recommended. It is recommended that the undiluted results be used for all other compounds.

SAMPLE SUMMARY

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2145-1
Sdg Number: 220-2145

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
220-2145-1	VB3-25-15.8-19.8	Solid	07/16/2007 1030	07/17/2007 0935
220-2145-2	VB1-16-8.8-12.8	Solid	07/16/2007 1340	07/17/2007 0935
220-2145-3	VB1-8-15.4-19.4	Solid	07/16/2007 1630	07/17/2007 0935

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2145-1
Sdg Number: 220-2145

Client Sample ID: **VB3-25-15.8-19.8**

Lab Sample ID: 220-2145-1
Client Matrix: Solid
% Moisture: 39.1

Date Sampled: 07/16/2007 1030
Date Received: 07/17/2007 0935

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B
Dilution: 5.0
Date Analyzed: 07/17/2007 2139
Date Prepared: 07/17/2007 2139

Analysis Batch: 220-8006

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: N3055.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		82	U	0.82	82
Vinyl chloride		82	U	0.82	82
Bromomethane		82	U	0.82	82
Chloroethane		82	U	0.82	82
1,1-Dichloroethene		82	U	0.82	82
Carbon disulfide		12	J	0.82	82
Acetone		9200	E J	0.82	82
Methylene Chloride		36	J B U	0.82	82
1,1-Dichloroethane		82	U	0.82	82
2-Butanone (MEK)		3100	E J	0.82	82
Chloroform		82	U	0.82	82
1,1,1-Trichloroethane		82	U	0.82	82
Carbon tetrachloride		82	U	0.82	82
Benzene		5.5	J	0.82	82
1,2-Dichloroethane		82	U	0.82	82
Trichloroethene		1600		0.82	82
1,2-Dichloropropane		82	U	0.82	82
Bromodichloromethane		82	U	0.82	82
cis-1,3-Dichloropropene		82	U	0.82	82
4-Methyl-2-pentanone (MIBK)		82	U	0.82	82
Toluene		22	J	0.82	82
trans-1,3-Dichloropropene		82	U	0.82	82
1,1,2-Trichloroethane		82	U	0.82	82
Tetrachloroethene		14000	E J	0.82	82
2-Hexanone		24	J	0.82	82
Dibromochloromethane		82	U	0.82	82
Chlorobenzene		82	U	0.82	82
Ethylbenzene		5.7	J	0.82	82
Styrene		82	U	0.82	82
Bromoform		82	U	0.82	82
1,1,2,2-Tetrachloroethane		82	U	0.82	82
Xylenes, Total		54	J	0.82	82
cis-1,2-Dichloroethene		780		0.82	82
trans-1,2-Dichloroethene		15	J	0.82	82
Dichlorodifluoromethane		82	U	0.82	82
Trichlorofluoromethane		82	U	0.82	82
1,1,2-Trichloro-1,2,2-trifluoroethane		82	U	0.82	82
Methyl tert-butyl ether		82	U	0.82	82
1,2-Dibromoethane		82	U	0.82	82
Isopropylbenzene		82	U	0.82	82
1,3-Dichlorobenzene		82	U	0.82	82
1,4-Dichlorobenzene		82	U	0.82	82
1,2-Dichlorobenzene		82	U	0.82	82
1,2-Dibromo-3-Chloropropane		82	U	0.82	82

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2145-1
Sdg Number: 220-2145

Client Sample ID: **VB3-25-15.8-19.8**

Lab Sample ID: 220-2145-1
Client Matrix: Solid
% Moisture: 39.1

Date Sampled: 07/16/2007 1030
Date Received: 07/17/2007 0935

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B
Dilution: 5.0
Date Analyzed: 07/17/2007 2139
Date Prepared: 07/17/2007 2139

Analysis Batch: 220-8006

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: N3055.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		82	U	0.82	82
Methyl acetate		82	U	0.82	82
Cyclohexane		82	U	0.82	82
Methylcyclohexane		82	U	0.82	82

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101	70 - 121
4-Bromofluorobenzene	97	59 - 113
Toluene-d8 (Surr)	97	84 - 138

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2145-1
Sdg Number: 220-2145

Client Sample ID: VB3-25-15.8-19.8 DL

Lab Sample ID: 220-2145-1
Client Matrix: Solid
% Moisture: 39.1

Date Sampled: 07/16/2007 1030
Date Received: 07/17/2007 0935

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B-Medium
Dilution: 2.0
Date Analyzed: 07/19/2007 1200
Date Prepared: 07/18/2007 1127

Analysis Batch: 220-8020
Prep Batch: 220-8011

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: N3091.D
Initial Weight/Volume: 4 g
Final Weight/Volume: 10 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		3900	U	33	3900
Vinyl chloride		3900	U	33	3900
Bromomethane		3900	U	33	3900
Chloroethane		3900	U	33	3900
1,1-Dichloroethene		3900	U	33	3900
Carbon disulfide		3900	U	33	3900
Acetone		11000	B U	33	3900
Methylene Chloride		130	J B U	33	3900
1,1-Dichloroethane		3900	U	33	3900
2-Butanone (MEK)		3200	J	33	3900
Chloroform		3900	U	33	3900
1,1,1-Trichloroethane		3900	U	33	3900
Carbon tetrachloride		3900	U	33	3900
Benzene		3900	U	33	3900
1,2-Dichloroethane		3900	U	33	3900
Trichloroethene		2100	J	33	3900
1,2-Dichloropropane		3900	U	33	3900
Bromodichloromethane		3900	U	33	3900
cis-1,3-Dichloropropene		3900	U	33	3900
4-Methyl-2-pentanone (MIBK)		3900	U	33	3900
Toluene		3900	U	33	3900
trans-1,3-Dichloropropene		3900	U	33	3900
1,1,2-Trichloroethane		3900	U	33	3900
Tetrachloroethene		43000		33	3900
2-Hexanone		3900	U	33	3900
Dibromochloromethane		3900	U	33	3900
Chlorobenzene		3900	U	33	3900
Ethylbenzene		3900	U	33	3900
Styrene		3900	U	33	3900
Bromoform		3900	U	33	3900
1,1,2,2-Tetrachloroethane		3900	U	33	3900
Xylenes, Total		3900	U	33	3900
cis-1,2-Dichloroethene		850	J	33	3900
trans-1,2-Dichloroethene		3900	U	33	3900
Dichlorodifluoromethane		3900	U	33	3900
Trichlorofluoromethane		3900	U	33	3900
1,1,2-Trichloro-1,2,2-trifluoroethane		3900	U	33	3900
Methyl tert-butyl ether		3900	U	33	3900
1,2-Dibromoethane		3900	U	33	3900
Isopropylbenzene		3900	U	33	3900
1,3-Dichlorobenzene		3900	U	33	3900
1,4-Dichlorobenzene		3900	U	33	3900
1,2-Dichlorobenzene		3900	U	33	3900
1,2-Dibromo-3-Chloropropane		3900	U	33	3900

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2145-1
Sdg Number: 220-2145

Client Sample ID: **VB3-25-15.8-19.8 DL**

Lab Sample ID: 220-2145-1
Client Matrix: Solid
% Moisture: 39.1

Date Sampled: 07/16/2007 1030
Date Received: 07/17/2007 0935

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B-Medium
Dilution: 2.0
Date Analyzed: 07/19/2007 1200
Date Prepared: 07/18/2007 1127

Analysis Batch: 220-8020
Prep Batch: 220-8011

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: N3091.D
Initial Weight/Volume: 4 g
Final Weight/Volume: 10 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		3900	U	33	3900
Methyl acetate		590	J	33	3900
Cyclohexane		3900	U	33	3900
Methylcyclohexane		3900	U	33	3900

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104	70 - 121
4-Bromofluorobenzene	101	59 - 113
Toluene-d8 (Surr)	103	84 - 138

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2145-1
Sdg Number: 220-2145

Client Sample ID: **VB1-16-8.8-12.8**

Lab Sample ID: 220-2145-2
Client Matrix: Solid
% Moisture: 56.0

Date Sampled: 07/16/2007 1340
Date Received: 07/17/2007 0935

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B
Dilution: 5.0
Date Analyzed: 07/17/2007 2113
Date Prepared: 07/17/2007 2113

Analysis Batch: 220-8006

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: N3054.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		110	U	1.1	110
Vinyl chloride		110	U	1.1	110
Bromomethane		110	U	1.1	110
Chloroethane		110	U	1.1	110
1,1-Dichloroethene		110	U	1.1	110
Carbon disulfide		110	U	1.1	110
Acetone		9000	E J U	1.1	110
Methylene Chloride		49	J B U	1.1	110
1,1-Dichloroethane		110	U	1.1	110
2-Butanone (MEK)		2000		1.1	110
Chloroform		110	U	1.1	110
1,1,1-Trichloroethane		110	U	1.1	110
Carbon tetrachloride		110	U	1.1	110
Benzene		3.3	J	1.1	110
1,2-Dichloroethane		110	U	1.1	110
Trichloroethene		36	J	1.1	110
1,2-Dichloropropane		110	U	1.1	110
Bromodichloromethane		110	U	1.1	110
cis-1,3-Dichloropropene		110	U	1.1	110
4-Methyl-2-pentanone (MIBK)		110	U	1.1	110
Toluene		5.5	J	1.1	110
trans-1,3-Dichloropropene		110	U	1.1	110
1,1,2-Trichloroethane		110	U	1.1	110
Tetrachloroethene		750		1.1	110
2-Hexanone		110	U	1.1	110
Dibromochloromethane		110	U	1.1	110
Chlorobenzene		110	U	1.1	110
Ethylbenzene		110	U	1.1	110
Styrene		110	U	1.1	110
Bromoform		110	U	1.1	110
1,1,2,2-Tetrachloroethane		110	U	1.1	110
Xylenes, Total		10	J	1.1	110
cis-1,2-Dichloroethene		780		1.1	110
trans-1,2-Dichloroethene		4.7	J	1.1	110
Dichlorodifluoromethane		110	U	1.1	110
Trichlorofluoromethane		110	U	1.1	110
1,1,2-Trichloro-1,2,2-trifluoroethane		110	U	1.1	110
Methyl tert-butyl ether		110	U	1.1	110
1,2-Dibromoethane		110	U	1.1	110
Isopropylbenzene		110	U	1.1	110
1,3-Dichlorobenzene		110	U	1.1	110
1,4-Dichlorobenzene		110	U	1.1	110
1,2-Dichlorobenzene		110	U	1.1	110
1,2-Dibromo-3-Chloropropane		110	U	1.1	110

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2145-1
Sdg Number: 220-2145

Client Sample ID: **VB1-16-8.8-12.8**

Lab Sample ID: 220-2145-2
Client Matrix: Solid
% Moisture: 56.0

Date Sampled: 07/16/2007 1340
Date Received: 07/17/2007 0935

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B
Dilution: 5.0
Date Analyzed: 07/17/2007 2113
Date Prepared: 07/17/2007 2113

Analysis Batch: 220-8006

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: N3054.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		110	U	1.1	110
Methyl acetate		110	U	1.1	110
Cyclohexane		110	U	1.1	110
Methylcyclohexane		110	U	1.1	110

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101	70 - 121
4-Bromofluorobenzene	103	59 - 113
Toluene-d8 (Surr)	99	84 - 138

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2145-1
Sdg Number: 220-2145

Client Sample ID: VB1-16-8.8-12.8 DL

Lab Sample ID: 220-2145-2
Client Matrix: Solid
% Moisture: 56.0

Date Sampled: 07/16/2007 1340
Date Received: 07/17/2007 0935

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B-Medium
Dilution: 1.0
Date Analyzed: 07/19/2007 1136
Date Prepared: 07/18/2007 1127

Analysis Batch: 220-8020
Prep Batch: 220-8011

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: N3090.D
Initial Weight/Volume: 4 g
Final Weight/Volume: 10 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		2700	U	23	2700
Vinyl chloride		2700	U	23	2700
Bromomethane		2700	U	23	2700
Chloroethane		2700	U	23	2700
1,1-Dichloroethene		2700	U	23	2700
Carbon disulfide		2700	U	23	2700
Acetone		7700	B U	23	2700
Methylene Chloride		170	J B U	23	2700
1,1-Dichloroethane		2700	U	23	2700
2-Butanone (MEK)		2700	U	23	2700
Chloroform		2700	U	23	2700
1,1,1-Trichloroethane		2700	U	23	2700
Carbon tetrachloride		2700	U	23	2700
Benzene		2700	U	23	2700
1,2-Dichloroethane		2700	U	23	2700
Trichloroethene		2700	U	23	2700
1,2-Dichloropropane		2700	U	23	2700
Bromodichloromethane		2700	U	23	2700
cis-1,3-Dichloropropene		2700	U	23	2700
4-Methyl-2-pentanone (MIBK)		2700	U	23	2700
Toluene		2700	U	23	2700
trans-1,3-Dichloropropene		2700	U	23	2700
1,1,2-Trichloroethane		2700	U	23	2700
Tetrachloroethene		970	J	23	2700
2-Hexanone		2700	U	23	2700
Dibromochloromethane		2700	U	23	2700
Chlorobenzene		2700	U	23	2700
Ethylbenzene		2700	U	23	2700
Styrene		2700	U	23	2700
Bromoform		2700	U	23	2700
1,1,2,2-Tetrachloroethane		2700	U	23	2700
Xylenes, Total		2700	U	23	2700
cis-1,2-Dichloroethene		750	J	23	2700
trans-1,2-Dichloroethene		2700	U	23	2700
Dichlorodifluoromethane		2700	U	23	2700
Trichlorofluoromethane		2700	U	23	2700
1,1,2-Trichloro-1,2,2-trifluoroethane		2700	U	23	2700
Methyl tert-butyl ether		2700	U	23	2700
1,2-Dibromoethane		2700	U	23	2700
Isopropylbenzene		2700	U	23	2700
1,3-Dichlorobenzene		2700	U	23	2700
1,4-Dichlorobenzene		2700	U	23	2700
1,2-Dichlorobenzene		2700	U	23	2700
1,2-Dibromo-3-Chloropropane		2700	U	23	2700

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2145-1
Sdg Number: 220-2145

Client Sample ID: VB1-16-8.8-12.8 DL

Lab Sample ID: 220-2145-2
Client Matrix: Solid
% Moisture: 56.0

Date Sampled: 07/16/2007 1340
Date Received: 07/17/2007 0935

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B-Medium
Dilution: 1.0
Date Analyzed: 07/19/2007 1136
Date Prepared: 07/18/2007 1127

Analysis Batch: 220-8020
Prep Batch: 220-8011

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: N3090.D
Initial Weight/Volume: 4 g
Final Weight/Volume: 10 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		2700	U	23	2700
Methyl acetate		690	J	23	2700
Cyclohexane		2700	U	23	2700
Methylcyclohexane		2700	U	23	2700

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101	70 - 121
4-Bromofluorobenzene	102	59 - 113
Toluene-d8 (Surr)	103	84 - 138

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2145-1
Sdg Number: 220-2145

Client Sample ID: **VB1-8-15.4-19.4**

Lab Sample ID: 220-2145-3
Client Matrix: Solid
% Moisture: 47.8
Date Sampled: 07/16/2007 1630
Date Received: 07/17/2007 0935

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B
Dilution: 5.0
Date Analyzed: 07/17/2007 2204
Date Prepared: 07/17/2007 2204
Analysis Batch: 220-8006
Instrument ID: HP 5890/5971A GC/MS
Lab File ID: N3056.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		96	U	0.96	96
Vinyl chloride		96	U	0.96	96
Bromomethane		96	U	0.96	96
Chloroethane		96	U	0.96	96
1,1-Dichloroethene		96	U	0.96	96
Carbon disulfide		96	U	0.96	96
Acetone		12000	E J	0.96	96
Methylene Chloride		46	J B U	0.96	96
1,1-Dichloroethane		96	U	0.96	96
2-Butanone (MEK)		3900	E J	0.96	96
Chloroform		96	U	0.96	96
1,1,1-Trichloroethane		96	U	0.96	96
Carbon tetrachloride		96	U	0.96	96
Benzene		4.7	J	0.96	96
1,2-Dichloroethane		96	U	0.96	96
Trichloroethene		64	J	0.96	96
1,2-Dichloropropane		96	U	0.96	96
Bromodichloromethane		96	U	0.96	96
cis-1,3-Dichloropropene		96	U	0.96	96
4-Methyl-2-pentanone (MIBK)		96	U	0.96	96
Toluene		19	J	0.96	96
trans-1,3-Dichloropropene		96	U	0.96	96
1,1,2-Trichloroethane		96	U	0.96	96
Tetrachloroethene		17000	E J	0.96	96
2-Hexanone		36	J	0.96	96
Dibromochloromethane		96	U	0.96	96
Chlorobenzene		96	U	0.96	96
Ethylbenzene		2.1	J	0.96	96
Styrene		96	U	0.96	96
Bromoform		96	U	0.96	96
1,1,2,2-Tetrachloroethane		96	U	0.96	96
Xylenes, Total		45	J	0.96	96
cis-1,2-Dichloroethene		16	J	0.96	96
trans-1,2-Dichloroethene		96	U	0.96	96
Dichlorodifluoromethane		96	U	0.96	96
Trichlorofluoromethane		96	U	0.96	96
1,1,2-Trichloro-1,2,2-trifluoroethane		96	U	0.96	96
Methyl tert-butyl ether		96	U	0.96	96
1,2-Dibromoethane		96	U	0.96	96
Isopropylbenzene		96	U	0.96	96
1,3-Dichlorobenzene		96	U	0.96	96
1,4-Dichlorobenzene		2.7	J	0.96	96
1,2-Dichlorobenzene		96	U	0.96	96
1,2-Dibromo-3-Chloropropane		96	U	0.96	96

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2145-1
Sdg Number: 220-2145

Client Sample ID: **VB1-8-15.4-19.4**

Lab Sample ID: 220-2145-3
Client Matrix: Solid
% Moisture: 47.8
Date Sampled: 07/16/2007 1630
Date Received: 07/17/2007 0935

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B
Dilution: 5.0
Date Analyzed: 07/17/2007 2204
Date Prepared: 07/17/2007 2204
Analysis Batch: 220-8006
Instrument ID: HP 5890/5971A GC/MS
Lab File ID: N3056.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		96	U	0.96	96
Methyl acetate		96	U	0.96	96
Cyclohexane		96	U	0.96	96
Methylcyclohexane		96	U	0.96	96

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94	70 - 121
4-Bromofluorobenzene	91	59 - 113
Toluene-d8 (Surr)	93	84 - 138

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2145-1
Sdg Number: 220-2145

Client Sample ID: VB1-8-15.4-19.4 DL

Lab Sample ID: 220-2145-3
Client Matrix: Solid

% Moisture: 47.8

Date Sampled: 07/16/2007 1630
Date Received: 07/17/2007 0935

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B-Medium
Dilution: 2.0
Date Analyzed: 07/19/2007 1225
Date Prepared: 07/18/2007 1127

Analysis Batch: 220-8020
Prep Batch: 220-8011

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: N3092.D
Initial Weight/Volume: 4 g
Final Weight/Volume: 10 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		4600	U	38	4600
Vinyl chloride		4600	U	38	4600
Bromomethane		4600	U	38	4600
Chloroethane		4600	U	38	4600
1,1-Dichloroethene		4600	U	38	4600
Carbon disulfide		4600	U	38	4600
Acetone		13000	B U	38	4600
Methylene Chloride		300	J B U	38	4600
1,1-Dichloroethane		4600	U	38	4600
2-Butanone (MEK)		3500	J	38	4600
Chloroform		4600	U	38	4600
1,1,1-Trichloroethane		4600	U	38	4600
Carbon tetrachloride		4600	U	38	4600
Benzene		4600	U	38	4600
1,2-Dichloroethane		4600	U	38	4600
Trichloroethene		4600	U	38	4600
1,2-Dichloropropane		4600	U	38	4600
Bromodichloromethane		4600	U	38	4600
cis-1,3-Dichloropropene		4600	U	38	4600
4-Methyl-2-pentanone (MIBK)		4600	U	38	4600
Toluene		4600	U	38	4600
trans-1,3-Dichloropropene		4600	U	38	4600
1,1,2-Trichloroethane		4600	U	38	4600
Tetrachloroethene		56000		38	4600
2-Hexanone		4600	U	38	4600
Dibromochloromethane		4600	U	38	4600
Chlorobenzene		4600	U	38	4600
Ethylbenzene		4600	U	38	4600
Styrene		4600	U	38	4600
Bromoform		4600	U	38	4600
1,1,2,2-Tetrachloroethane		4600	U	38	4600
Xylenes, Total		4600	U	38	4600
cis-1,2-Dichloroethene		4600	U	38	4600
trans-1,2-Dichloroethene		4600	U	38	4600
Dichlorodifluoromethane		4600	U	38	4600
Trichlorofluoromethane		4600	U	38	4600
1,1,2-Trichloro-1,2,2-trifluoroethane		4600	U	38	4600
Methyl tert-butyl ether		4600	U	38	4600
1,2-Dibromoethane		4600	U	38	4600
Isopropylbenzene		4600	U	38	4600
1,3-Dichlorobenzene		4600	U	38	4600
1,4-Dichlorobenzene		4600	U	38	4600
1,2-Dichlorobenzene		4600	U	38	4600
1,2-Dibromo-3-Chloropropane		4600	U	38	4600

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2145-1
Sdg Number: 220-2145

Client Sample ID: **VB1-8-15.4-19.4** DL

Lab Sample ID: 220-2145-3
Client Matrix: Solid

% Moisture: 47.8

Date Sampled: 07/16/2007 1630
Date Received: 07/17/2007 0935

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B-Medium
Dilution: 2.0
Date Analyzed: 07/19/2007 1225
Date Prepared: 07/18/2007 1127

Analysis Batch: 220-8020
Prep Batch: 220-8011

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: N3092.D
Initial Weight/Volume: 4 g
Final Weight/Volume: 10 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		4600	U	38	4600
Methyl acetate		760	J	38	4600
Cyclohexane		4600	U	38	4600
Methylcyclohexane		4600	U	38	4600

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107	70 - 121
4-Bromofluorobenzene	109	59 - 113
Toluene-d8 (Surr)	108	84 - 138

ALPHA
GEOSCIENCE
Geology
Hydrology
Remediation
Water Supply

Data Usability Summary Report for
STL Buffalo, Job No. A07-8870
Subcontracted to Test America, Connecticut
as SDG No. 220-2285-1

1 Soil Sample
Collected July 30, 2007

Prepared by: Donald Anné
October 8, 2007

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contains the results for 1 soil sample analyzed for volatiles.

The overall performances of the analyses are acceptable. Test America, Connecticut did fulfill the requirements of the analytical method.

The data are acceptable with some minor issues that are identified in the accompanying data validation review. The following data were flagged:

- Positive volatile results for methylene chloride were flagged as "not detected" (U) in sample VB1-14-18.1-22.1 and dilutions because the levels reported in the samples were not significantly greater (more than 10 times) than the associated method blank level.

- The positive volatile results for acetone were flagged as "estimated" (J) in sample VB1-14-18.1-22.1 and dilutions because the %Ds for acetone were above the allowable maximum in the associated continuing calibrations.

- Volatile results for 3 volatile compounds in sample VB1-14-18.1-22.1 and the result for tetrachloroethene in sample VB1-14-18.1-22.1DL were quantitated using data that were extrapolated beyond the highest calibration standard and flagged "E" by the laboratory. The results for these compounds were qualified as estimated (J) in the undiluted samples. It is recommended that the diluted results be used for those compounds.

All data are considered usable, with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation review.

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ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Volatiles Data for
STL Buffalo, Job No. A07-8870
Subcontracted to Test America, Connecticut
as Job No. 220-2285-1

1 Soil Sample
Collected July 30, 2007

Prepared by: Donald Anné
October 8, 2007

Holding Times: Sample VB1-14-18.1-22.1 was analyzed within NYSDEC ASP holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The compounds with ASP criteria for RRFs and %RSDs met those requirements.

The average RRFs for target compounds were above the allowable minimum (0.050) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The compounds with ASP criteria for RRF50s and %Ds met those requirements.

The RRF50s for target compounds were above the allowable minimum (0.050), as required.

The %D for acetone (30.2%) was above the allowable maximum (25%) on 07-31-07 (N3339). The %D for acetone (34.0%) was above the allowable maximum (25%) on 08-05-07 (N3339). Positive results for acetone should be considered estimated (J) in associated samples.

Blanks: Method blank MB 220-8296/2 contained a trace of methylene chloride (37 ug/kg). Method blank MB 220-8384/2 contained traces of methylene chloride (5.4 ug/kg) and toluene (0.16 ug/kg). Results for methylene chloride that are less than ten times the method blank level should be reported as not detected (U) in associated samples. Results for toluene that are less than five times the method blank level should be reported as not detected (U) in associated samples.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

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Surrogate Recovery: One of three surrogate recoveries was above control limits for sample VB1-14-18.1-22.1. Positive results for sample VB1-14-18.1-22.1 should be considered estimated (J).

Matrix Spike/Matrix Spike Duplicate: MS/MSD data were not provided in this data pack. No action is taken on MS/MSD data alone to qualify or reject an entire set of samples.

Laboratory Control Sample: The percent recoveries were within QC limits for samples LCS 220-82296/5 and LCS 220-8384.

Compound ID: Checked compounds were within GC/MS quantitation and qualitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

The results for 3 volatile compounds in sample VB1-14-18.1-22.1 and the result for tetrachloroethene in sample VB1-14-18.1-22.1DL were quantitated by extrapolating data above the highest calibration standard and marked 'E' by the laboratory. The samples were diluted by the laboratory and re-analyzed; therefore, the results for these compounds that are flagged as 'E' in the undiluted samples should be considered estimated (J) and the use of the diluted results for these compounds is recommended. It is recommended that the undiluted results be used for all other compounds.

SAMPLE SUMMARY

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2285-1
Sdg Number: 220-2285

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
220-2285-1	VB1-14-18.1-22.1	Solid	07/30/2007 1415	07/31/2007 0938

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2285-1
Sdg Number: 220-2285

Client Sample ID: VB1-14-18.1-22.1

Lab Sample ID: 220-2285-1
Client Matrix: Solid
% Moisture: 33.5

Date Sampled: 07/30/2007 1415
Date Received: 07/31/2007 0938

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B
Dilution: 10
Date Analyzed: 08/05/2007 2203
Date Prepared: 08/05/2007 2203

Analysis Batch: 220-8384

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: N3446.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		150	U	1.5	150
Vinyl chloride		150	U	1.5	150
Bromomethane		150	U	1.5	150
Chloroethane		150	U	1.5	150
1,1-Dichloroethene		150	U	1.5	150
Carbon disulfide		15	J	1.5	150
Acetone		13000	E J	1.5	150
Methylene Chloride		74	J B U	1.5	150
1,1-Dichloroethane		150	U	1.5	150
2-Butanone (MEK)		6000	E J	1.5	150
Chloroform		150	U	1.5	150
1,1,1-Trichloroethane		150	U	1.5	150
Carbon tetrachloride		150	U	1.5	150
Benzene		9.0	J	1.5	150
1,2-Dichloroethane		150	U	1.5	150
Trichloroethene		470		1.5	150
1,2-Dichloropropane		150	U	1.5	150
Bromodichloromethane		150	U	1.5	150
cis-1,3-Dichloropropene		150	U	1.5	150
4-Methyl-2-pentanone (MIBK)		150	U	1.5	150
Toluene		74	J B	1.5	150
trans-1,3-Dichloropropene		150	U	1.5	150
1,1,2-Trichloroethane		150	U	1.5	150
Tetrachloroethene		27000	E J	1.5	150
2-Hexanone		150	U	1.5	150
Dibromochloromethane		150	U	1.5	150
Chlorobenzene		150	U	1.5	150
Ethylbenzene		3.4	J	1.5	150
Styrene		150	U	1.5	150
Bromoform		150	U	1.5	150
1,1,2,2-Tetrachloroethane		150	U	1.5	150
Xylenes, Total		110	J	1.5	150
cis-1,2-Dichloroethene		130	J	1.5	150
trans-1,2-Dichloroethene		150	U	1.5	150
Dichlorodifluoromethane		150	U	1.5	150
Trichlorofluoromethane		150	U	1.5	150
1,1,2-Trichloro-1,2,2-trifluoroethane		150	U	1.5	150
Methyl tert-butyl ether		150	U	1.5	150
1,2-Dibromoethane		150	U	1.5	150
Isopropylbenzene		150	U	1.5	150
1,3-Dichlorobenzene		150	U	1.5	150
1,4-Dichlorobenzene		150	U	1.5	150
1,2-Dichlorobenzene		150	U	1.5	150
1,2-Dibromo-3-Chloropropane		150	U	1.5	150

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2285-1
Sdg Number: 220-2285

Client Sample ID: **VB1-14-18.1-22.1**

Lab Sample ID: 220-2285-1
Client Matrix: Solid

% Moisture: 33.5

Date Sampled: 07/30/2007 1415
Date Received: 07/31/2007 0938

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B
Dilution: 10
Date Analyzed: 08/05/2007 2203
Date Prepared: 08/05/2007 2203

Analysis Batch: 220-8384

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: N3446.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		150	U	1.5	150
Methyl acetate		150	U	1.5	150
Cyclohexane		150	U	1.5	150
Methylcyclohexane		150	U	1.5	150

Surrogate	%Rec		Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	117		70 - 121
4-Bromofluorobenzene	115	*	59 - 113
Toluene-d8 (Surr)	116		84 - 138

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2285-1
Sdg Number: 220-2285

Client Sample ID: VB1-14-18.1-22.1 DL

Lab Sample ID: 220-2285-1
Client Matrix: Solid
% Moisture: 33.5

Date Sampled: 07/30/2007 1415
Date Received: 07/31/2007 0938

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B-Medium
Dilution: 1.0
Date Analyzed: 07/31/2007 1225
Date Prepared: 07/31/2007 1042

Analysis Batch: 220-8296
Prep Batch: 220-8297

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: N3347.D
Initial Weight/Volume: 4 g
Final Weight/Volume: 10 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		1800	U	15	1800
Vinyl chloride		1800	U	15	1800
Bromomethane		1800	U	15	1800
Chloroethane		1800	U	15	1800
1,1-Dichloroethene		1800	U	15	1800
Carbon disulfide		1800	U	15	1800
Acetone		9100	J	15	1800
Methylene Chloride		99	J B U	15	1800
1,1-Dichloroethane		1800	U	15	1800
2-Butanone (MEK)		2800		15	1800
Chloroform		1800	U	15	1800
1,1,1-Trichloroethane		1800	U	15	1800
Carbon tetrachloride		1800	U	15	1800
Benzene		1800	U	15	1800
1,2-Dichloroethane		1800	U	15	1800
Trichloroethene		500	J	15	1800
1,2-Dichloropropane		1800	U	15	1800
Bromodichloromethane		1800	U	15	1800
cis-1,3-Dichloropropene		1800	U	15	1800
4-Methyl-2-pentanone (MIBK)		1800	U	15	1800
Toluene		76	J	15	1800
trans-1,3-Dichloropropene		1800	U	15	1800
1,1,2-Trichloroethane		1800	U	15	1800
Tetrachloroethene		49000	E J	15	1800
2-Hexanone		1800	U	15	1800
Dibromochloromethane		1800	U	15	1800
Chlorobenzene		1800	U	15	1800
Ethylbenzene		1800	U	15	1800
Styrene		1800	U	15	1800
Bromoform		1800	U	15	1800
1,1,2,2-Tetrachloroethane		1800	U	15	1800
Xylenes, Total		120	J	15	1800
cis-1,2-Dichloroethene		73	J	15	1800
trans-1,2-Dichloroethene		1800	U	15	1800
Dichlorodifluoromethane		1800	U	15	1800
Trichlorofluoromethane		1800	U	15	1800
1,1,2-Trichloro-1,2,2-trifluoroethane		1800	U	15	1800
Methyl tert-butyl ether		1800	U	15	1800
1,2-Dibromoethane		1800	U	15	1800
Isopropylbenzene		1800	U	15	1800
1,3-Dichlorobenzene		1800	U	15	1800
1,4-Dichlorobenzene		1800	U	15	1800
1,2-Dichlorobenzene		1800	U	15	1800
1,2-Dibromo-3-Chloropropane		1800	U	15	1800

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2285-1
Sdg Number: 220-2285

Client Sample ID: VB1-14-18.1-22.1 DL

Lab Sample ID: 220-2285-1
Client Matrix: Solid
% Moisture: 33.5
Date Sampled: 07/30/2007 1415
Date Received: 07/31/2007 0938

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B-Medium
Dilution: 1.0
Date Analyzed: 07/31/2007 1225
Date Prepared: 07/31/2007 1042
Analysis Batch: 220-8296
Prep Batch: 220-8297
Instrument ID: HP 5890/5971A GC/MS
Lab File ID: N3347.D
Initial Weight/Volume: 4 g
Final Weight/Volume: 10 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		1800	U	15	1800
Methyl acetate		430	J	15	1800
Cyclohexane		1800	U	15	1800
Methylcyclohexane		1800	U	15	1800

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108	70 - 121
4-Bromofluorobenzene	98	59 - 113
Toluene-d8 (Surr)	98	84 - 138

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2285-1
Sdg Number: 220-2285

Client Sample ID: VB1-14-18.1-22.1 DL2

Lab Sample ID: 220-2285-1
Client Matrix: Solid
% Moisture: 33.5

Date Sampled: 07/30/2007 1415
Date Received: 07/31/2007 0938

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B-Medium
Dilution: 2.0
Date Analyzed: 07/31/2007 1306
Date Prepared: 07/31/2007 1042

Analysis Batch: 220-8296
Prep Batch: 220-8297
Run Type: DL

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: N3348.D
Initial Weight/Volume: 4 g
Final Weight/Volume: 10 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		3600	U	30	3600
Vinyl chloride		3600	U	30	3600
Bromomethane		3600	U	30	3600
Chloroethane		3600	U	30	3600
1,1-Dichloroethene		3600	U	30	3600
Carbon disulfide		3600	U	30	3600
Acetone		9300	J	30	3600
Methylene Chloride		260	J B U	30	3600
1,1-Dichloroethane		3600	U	30	3600
2-Butanone (MEK)		3500	J	30	3600
Chloroform		3600	U	30	3600
1,1,1-Trichloroethane		3600	U	30	3600
Carbon tetrachloride		3600	U	30	3600
Benzene		3600	U	30	3600
1,2-Dichloroethane		3600	U	30	3600
Trichloroethene		510	J	30	3600
1,2-Dichloropropane		3600	U	30	3600
Bromodichloromethane		3600	U	30	3600
cis-1,3-Dichloropropene		3600	U	30	3600
4-Methyl-2-pentanone (MIBK)		3600	U	30	3600
Toluene		78	J	30	3600
trans-1,3-Dichloropropene		3600	U	30	3600
1,1,2-Trichloroethane		3600	U	30	3600
Tetrachloroethene		51000		30	3600
2-Hexanone		3600	U	30	3600
Dibromochloromethane		3600	U	30	3600
Chlorobenzene		3600	U	30	3600
Ethylbenzene		3600	U	30	3600
Styrene		3600	U	30	3600
Bromoform		3600	U	30	3600
1,1,2,2-Tetrachloroethane		3600	U	30	3600
Xylenes, Total		93	J	30	3600
cis-1,2-Dichloroethene		3600	U	30	3600
trans-1,2-Dichloroethene		3600	U	30	3600
Dichlorodifluoromethane		3600	U	30	3600
Trichlorofluoromethane		3600	U	30	3600
1,1,2-Trichloro-1,2,2-trifluoroethane		3600	U	30	3600
Methyl tert-butyl ether		3600	U	30	3600
1,2-Dibromoethane		3600	U	30	3600
Isopropylbenzene		3600	U	30	3600
1,3-Dichlorobenzene		3600	U	30	3600
1,4-Dichlorobenzene		3600	U	30	3600
1,2-Dichlorobenzene		3600	U	30	3600
1,2-Dibromo-3-Chloropropane		3600	U	30	3600

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2285-1
Sdg Number: 220-2285

Client Sample ID: VB1-14-18.1-22.1 DL2

Lab Sample ID: 220-2285-1
Client Matrix: Solid
% Moisture: 33.5
Date Sampled: 07/30/2007 1415
Date Received: 07/31/2007 0938

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B-Medium
Dilution: 2.0
Date Analyzed: 07/31/2007 1306
Date Prepared: 07/31/2007 1042
Analysis Batch: 220-8296
Prep Batch: 220-8297
Run Type: DL
Instrument ID: HP 5890/5971A GC/MS
Lab File ID: N3348.D
Initial Weight/Volume: 4 g
Final Weight/Volume: 10 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		3600	U	30	3600
Methyl acetate		450	J	30	3600
Cyclohexane		3600	U	30	3600
Methylcyclohexane		3600	U	30	3600

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103	70 - 121
4-Bromofluorobenzene	97	59 - 113
Toluene-d8 (Surr)	100	84 - 138

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Data Usability Summary Report for
STL Buffalo, Job No. A07-9089
Subcontracted to Test America, Connecticut
as SDG No. 220-2409-1

4 Soil Samples
Collected August 10, 2007

Prepared by: Donald Anné
October 8, 2007

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contains the results for 4 soil samples analyzed for volatiles.

The overall performances of the analyses are acceptable. Test America, Connecticut did fulfill the requirements of the analytical method.

The data are acceptable with some minor issues that are identified in the accompanying data validation review. The following data were flagged:

- Positive volatile results for methylene chloride were flagged as "not detected" (U) in all 4 soil samples and dilutions because the levels reported in the samples were not significantly greater (more than 10 times) than the associated method blank level.

- Positive volatile results for toluene were flagged as "not detected" (U) in samples VB1-14-18.1-22.1 and VB1-12-15.9-19.9 because the levels reported in the samples were not significantly greater (more than 5 times) than the associated method blank level.

- The positive volatile results for acetone were flagged as "estimated" (J) in all 4 undiluted soil samples because the %D for acetone was above the allowable maximum in the associated continuing calibration.

- Volatile results 3 volatile compounds in samples VB1-14-18.1-22.1 and VB1-8-15.4-19.4, and results for 2 compounds in samples VB3-25-15.8-19.8 and VB1-12-15.9-19.9 were quantitated using data that were extrapolated beyond the highest calibration standard and flagged "E" by the laboratory. The results for these compounds were qualified as estimated (J) in the undiluted samples. It is recommended that the diluted results be used for those compounds.

All data are considered usable, with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation review.

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ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Volatiles Data for
STL Buffalo, Job No. A07-9089
Subcontracted to Test America, Connecticut
as Job No. 220-2409-1

4 Soil Samples
Collected August 10, 2007

Prepared by: Donald Anné
October 8, 2007

Holding Times: Samples were analyzed within NYSDEC ASP holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The compounds with ASP criteria for RRFs and %RSDs met those requirements.

The average RRFs for target compounds were above the allowable minimum (0.050) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The %D for bromofluorobenzene (29.4%) was above the ASP maximum (25%) on 08-13-07 (N3586). No action is taken on two or fewer compounds per calibration outside ASP requirements, provided %Ds are not greater than 40% and RRF50s are not less than 0.010.

The RRF50s for target compounds were above the allowable minimum (0.050), as required.

The %Ds for dichlorodifluoromethane (41.2%), acetone (76.0%), and methyl acetate (29.0%) were above the allowable maximum (25%) on 08-12-07 (N3571). The %Ds for chloromethane (25.9%) and methyl acetate (32.6%) were above the allowable maximum (25%) on 08-13-07 (N3586). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: Method blank MB 220-8576/2 contained traces of acetone (9.3 ug/kg), methylene chloride (0.91 ug/kg), and toluene (0.62 ug/kg). Method blank MB 220-8580/2 contained a trace of methylene chloride (60 ug/kg). Results for acetone and methylene chloride that are less than ten times the method blank level should be reported as not detected (U) in associated samples. Results for toluene that are less than five times the method blank level should be reported as not detected (U) in associated samples.

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Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Surrogate Recovery: The surrogate recoveries were within control limits for environmental samples.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences were below the allowable maximums and the percent recoveries were within control limits for MS/MSD sample VB3-25-15.8-19.8.

Laboratory Control Sample: The percent recoveries were within QC limits for samples LCS 220-8576/2, MSB 220-8580/8, and LCS 220-8580/11.

Compound ID: Checked compounds were within GC/MS quantitation and qualitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

The results for 3 volatile compounds in samples VB1-14-18.1-22.1 and VB1-8-15.4-19.4, and results for 2 compounds in samples VB3-25-15.8-19.8 and VB1-12-15.9-19.9 were quantitated by extrapolating data above the highest calibration standard and marked 'E' by the laboratory. The samples were diluted by the laboratory and re-analyzed; therefore, the results for these compounds that are flagged as 'E' in the undiluted samples should be considered estimated (J) and the use of the diluted results for these compounds is recommended. It is recommended that the undiluted results be used for all other compounds.

SAMPLE SUMMARY

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2409-1
Sdg Number: 220-2409

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
220-2409-1	VB3-25-15.8-19.8	Solid	08/10/2007 1000	08/11/2007 1020
220-2409-2	VB1-14-18.1-22.1	Solid	08/10/2007 1210	08/11/2007 1020
220-2409-3	VB1-8-15.4-19.4	Solid	08/10/2007 1330	08/11/2007 1020
220-2409-4	VB1-12-15.9-19.9	Solid	08/10/2007 1600	08/11/2007 1020

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2409-1
Sdg Number: 220-2409

Client Sample ID: **VB3-25-15.8-19.8**

Lab Sample ID: 220-2409-1
Client Matrix: Solid
% Moisture: 40.1
Date Sampled: 08/10/2007 1000
Date Received: 08/11/2007 1020

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B
Dilution: 10
Date Analyzed: 08/12/2007 1545
Date Prepared: 08/12/2007 1545
Analysis Batch: 220-8576
Instrument ID: HP 5890/5971A GC/MS
Lab File ID: N3576.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		170	U	1.7	170
Vinyl chloride		170	U	1.7	170
Bromomethane		170	U	1.7	170
Chloroethane		170	U	1.7	170
1,1-Dichloroethene		170	U	1.7	170
Carbon disulfide		15	J	1.7	170
Acetone		5100	E B J	1.7	170
Methylene Chloride		34	J B J	1.7	170
1,1-Dichloroethane		170	U	1.7	170
2-Butanone (MEK)		2500		1.7	170
Chloroform		170	U	1.7	170
1,1,1-Trichloroethane		170	U	1.7	170
Carbon tetrachloride		170	U	1.7	170
Benzene		8.3	J	1.7	170
1,2-Dichloroethane		170	U	1.7	170
Trichloroethene		3100		1.7	170
1,2-Dichloropropane		170	U	1.7	170
Bromodichloromethane		170	U	1.7	170
cis-1,3-Dichloropropene		170	U	1.7	170
4-Methyl-2-pentanone (MIBK)		170	U	1.7	170
Toluene		57	J B	1.7	170
trans-1,3-Dichloropropene		170	U	1.7	170
1,1,2-Trichloroethane		170	U	1.7	170
Tetrachloroethene		20000	E J	1.7	170
2-Hexanone		170	U	1.7	170
Dibromochloromethane		170	U	1.7	170
Chlorobenzene		170	U	1.7	170
Ethylbenzene		8.6	J	1.7	170
Styrene		170	U	1.7	170
Bromoform		170	U	1.7	170
1,1,2,2-Tetrachloroethane		170	U	1.7	170
Xylenes, Total		150	J	1.7	170
cis-1,2-Dichloroethene		1200		1.7	170
trans-1,2-Dichloroethene		23	J	1.7	170
Dichlorodifluoromethane		170	U	1.7	170
Trichlorofluoromethane		170	U	1.7	170
1,1,2-Trichloro-1,2,2-trifluoroethane		170	U	1.7	170
Methyl tert-butyl ether		170	U	1.7	170
1,2-Dibromoethane		170	U	1.7	170
Isopropylbenzene		170	U	1.7	170
1,3-Dichlorobenzene		170	U	1.7	170
1,4-Dichlorobenzene		170	U	1.7	170
1,2-Dichlorobenzene		170	U	1.7	170
1,2-Dibromo-3-Chloropropane		170	U	1.7	170

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2409-1
Sdg Number: 220-2409

Client Sample ID: **VB3-25-15.8-19.8**

Lab Sample ID: 220-2409-1
Client Matrix: Solid
% Moisture: 40.1
Date Sampled: 08/10/2007 1000
Date Received: 08/11/2007 1020

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B
Dilution: 10
Date Analyzed: 08/12/2007 1545
Date Prepared: 08/12/2007 1545
Analysis Batch: 220-8576
Instrument ID: HP 5890/5971A GC/MS
Lab File ID: N3576.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		170	U	1.7	170
Methyl acetate		170	U	1.7	170
Cyclohexane		170	U	1.7	170
Methylcyclohexane		170	U	1.7	170

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	112	70 - 121
4-Bromofluorobenzene	110	59 - 113
Toluene-d8 (Surr)	109	84 - 138

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2409-1
Sdg Number: 220-2409

Client Sample ID: VB3-25-15.8-19.8 DL

Lab Sample ID: 220-2409-1
Client Matrix: Solid
% Moisture: 40.1

Date Sampled: 08/10/2007 1000
Date Received: 08/11/2007 1020

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B-Medium
Dilution: 1.0
Date Analyzed: 08/13/2007 1217
Date Prepared: 08/13/2007 1000

Analysis Batch: 220-8580
Prep Batch: 220-8574
Run Type: DL

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: N3589.D
Initial Weight/Volume: 4 g
Final Weight/Volume: 10 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		2000	U	17	2000
Vinyl chloride		2000	U	17	2000
Bromomethane		2000	U	17	2000
Chloroethane		2000	U	17	2000
1,1-Dichloroethene		2000	U	17	2000
Carbon disulfide		2000	U	17	2000
Acetone		5900		17	2000
Methylene Chloride		63	J B U	17	2000
1,1-Dichloroethane		2000	U	17	2000
2-Butanone (MEK)		1800	J	17	2000
Chloroform		2000	U	17	2000
1,1,1-Trichloroethane		2000	U	17	2000
Carbon tetrachloride		2000	U	17	2000
Benzene		2000	U	17	2000
1,2-Dichloroethane		2000	U	17	2000
Trichloroethene		2000		17	2000
1,2-Dichloropropane		2000	U	17	2000
Bromodichloromethane		2000	U	17	2000
cis-1,3-Dichloropropene		2000	U	17	2000
4-Methyl-2-pentanone (MIBK)		2000	U	17	2000
Toluene		2000	U	17	2000
trans-1,3-Dichloropropene		2000	U	17	2000
1,1,2-Trichloroethane		2000	U	17	2000
Tetrachloroethene		24000		17	2000
2-Hexanone		2000	U	17	2000
Dibromochloromethane		2000	U	17	2000
Chlorobenzene		2000	U	17	2000
Ethylbenzene		2000	U	17	2000
Styrene		2000	U	17	2000
Bromoform		2000	U	17	2000
1,1,2,2-Tetrachloroethane		2000	U	17	2000
Xylenes, Total		120	J	17	2000
cis-1,2-Dichloroethene		570	J	17	2000
trans-1,2-Dichloroethene		2000	U	17	2000
Dichlorodifluoromethane		2000	U	17	2000
Trichlorofluoromethane		2000	U	17	2000
1,1,2-Trichloro-1,2,2-trifluoroethane		2000	U	17	2000
Methyl tert-butyl ether		2000	U	17	2000
1,2-Dibromoethane		2000	U	17	2000
Isopropylbenzene		2000	U	17	2000
1,3-Dichlorobenzene		2000	U	17	2000
1,4-Dichlorobenzene		2000	U	17	2000
1,2-Dichlorobenzene		2000	U	17	2000
1,2-Dibromo-3-Chloropropane		2000	U	17	2000

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2409-1
Sdg Number: 220-2409

Client Sample ID: VB3-25-15.8-19.8 DL

Lab Sample ID: 220-2409-1
Client Matrix: Solid
% Moisture: 40.1

Date Sampled: 08/10/2007 1000
Date Received: 08/11/2007 1020

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B-Medium
Dilution: 1.0
Date Analyzed: 08/13/2007 1217
Date Prepared: 08/13/2007 1000

Analysis Batch: 220-8580
Prep Batch: 220-8574
Run Type: DL

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: N3589.D
Initial Weight/Volume: 4 g
Final Weight/Volume: 10 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		2000	U	17	2000
Methyl acetate		2000	U	17	2000
Cyclohexane		2000	U	17	2000
Methylcyclohexane		2000	U	17	2000

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100	70 - 121
4-Bromofluorobenzene	93	59 - 113
Toluene-d8 (Surr)	94	84 - 138

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2409-1
Sdg Number: 220-2409

Client Sample ID: **VB1-14-18.1-22.1**

Lab Sample ID: 220-2409-2
Client Matrix: Solid
% Moisture: 39.0

Date Sampled: 08/10/2007 1210
Date Received: 08/11/2007 1020

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B
Dilution: 10
Date Analyzed: 08/12/2007 1613
Date Prepared: 08/12/2007 1613

Analysis Batch: 220-8576

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: N3577.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		160	U	1.6	160
Vinyl chloride		160	U	1.6	160
Bromomethane		160	U	1.6	160
Chloroethane		160	U	1.6	160
1,1-Dichloroethene		160	U	1.6	160
Carbon disulfide		10	J	1.6	160
Acetone		13000	E B J	1.6	160
Methylene Chloride		26	J B U	1.6	160
1,1-Dichloroethane		160	U	1.6	160
2-Butanone (MEK)		6900	E J	1.6	160
Chloroform		160	U	1.6	160
1,1,1-Trichloroethane		160	U	1.6	160
Carbon tetrachloride		160	U	1.6	160
Benzene		6.1	J	1.6	160
1,2-Dichloroethane		160	U	1.6	160
Trichloroethene		330		1.6	160
1,2-Dichloropropane		160	U	1.6	160
Bromodichloromethane		160	U	1.6	160
cis-1,3-Dichloropropene		160	U	1.6	160
4-Methyl-2-pentanone (MIBK)		160	U	1.6	160
Toluene		48	J B U	1.6	160
trans-1,3-Dichloropropene		160	U	1.6	160
1,1,2-Trichloroethane		160	U	1.6	160
Tetrachloroethene		30000	E J	1.6	160
2-Hexanone		96	J	1.6	160
Dibromochloromethane		160	U	1.6	160
Chlorobenzene		160	U	1.6	160
Ethylbenzene		4.2	J	1.6	160
Styrene		160	U	1.6	160
Bromoform		160	U	1.6	160
1,1,2,2-Tetrachloroethane		160	U	1.6	160
Xylenes, Total		98	J	1.6	160
cis-1,2-Dichloroethene		120	J	1.6	160
trans-1,2-Dichloroethene		160	U M	1.6	160
Dichlorodifluoromethane		160	U	1.6	160
Trichlorofluoromethane		160	U	1.6	160
1,1,2-Trichloro-1,2,2-trifluoroethane		160	U	1.6	160
Methyl tert-butyl ether		160	U	1.6	160
1,2-Dibromoethane		160	U	1.6	160
Isopropylbenzene		160	U	1.6	160
1,3-Dichlorobenzene		160	U	1.6	160
1,4-Dichlorobenzene		160	U	1.6	160
1,2-Dichlorobenzene		160	U	1.6	160
1,2-Dibromo-3-Chloropropane		160	U	1.6	160

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2409-1
Sdg Number: 220-2409

Client Sample ID: **VB1-14-18.1-22.1**

Lab Sample ID: 220-2409-2
Client Matrix: Solid
% Moisture: 39.0

Date Sampled: 08/10/2007 1210
Date Received: 08/11/2007 1020

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B
Dilution: 10
Date Analyzed: 08/12/2007 1613
Date Prepared: 08/12/2007 1613

Analysis Batch: 220-8576

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: N3577.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		160	U	1.6	160
Methyl acetate		160	U	1.6	160
Cyclohexane		160	U	1.6	160
Methylcyclohexane		160	U	1.6	160

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100	70 - 121
4-Bromofluorobenzene	102	59 - 113
Toluene-d8 (Surr)	99	84 - 138

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2409-1
Sdg Number: 220-2409

Client Sample ID: VB1-14-18.1-22.1 DL

Lab Sample ID: 220-2409-2
Client Matrix: Solid

% Moisture: 39.0

Date Sampled: 08/10/2007 1210
Date Received: 08/11/2007 1020

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B-Medium
Dilution: 2.0
Date Analyzed: 08/13/2007 1402
Date Prepared: 08/13/2007 1000

Analysis Batch: 220-8580
Prep Batch: 220-8574
Run Type: DL

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: N3593.D
Initial Weight/Volume: 4 g
Final Weight/Volume: 10 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		3900	U	33	3900
Vinyl chloride		3900	U	33	3900
Bromomethane		3900	U	33	3900
Chloroethane		3900	U	33	3900
1,1-Dichloroethene		3900	U	33	3900
Carbon disulfide		3900	U	33	3900
Acetone		14000		33	3900
Methylene Chloride		120	J B U	33	3900
1,1-Dichloroethane		3900	U	33	3900
2-Butanone (MEK)		4900		33	3900
Chloroform		3900	U	33	3900
1,1,1-Trichloroethane		3900	U	33	3900
Carbon tetrachloride		3900	U	33	3900
Benzene		3900	U	33	3900
1,2-Dichloroethane		3900	U	33	3900
Trichloroethene		260	J	33	3900
1,2-Dichloropropane		3900	U	33	3900
Bromodichloromethane		3900	U	33	3900
cis-1,3-Dichloropropene		3900	U	33	3900
4-Methyl-2-pentanone (MIBK)		3900	U	33	3900
Toluene		3900	U	33	3900
trans-1,3-Dichloropropene		3900	U	33	3900
1,1,2-Trichloroethane		3900	U	33	3900
Tetrachloroethene		49000		33	3900
2-Hexanone		3900	U	33	3900
Dibromochloromethane		3900	U	33	3900
Chlorobenzene		3900	U	33	3900
Ethylbenzene		3900	U	33	3900
Styrene		3900	U	33	3900
Bromoform		3900	U	33	3900
1,1,2,2-Tetrachloroethane		3900	U	33	3900
Xylenes, Total		3900	U	33	3900
cis-1,2-Dichloroethene		3900	U	33	3900
trans-1,2-Dichloroethene		3900	U	33	3900
Dichlorodifluoromethane		3900	U	33	3900
Trichlorofluoromethane		3900	U	33	3900
1,1,2-Trichloro-1,2,2-trifluoroethane		3900	U	33	3900
Methyl tert-butyl ether		3900	U	33	3900
1,2-Dibromoethane		3900	U	33	3900
Isopropylbenzene		3900	U	33	3900
1,3-Dichlorobenzene		3900	U	33	3900
1,4-Dichlorobenzene		3900	U	33	3900
1,2-Dichlorobenzene		3900	U	33	3900
1,2-Dibromo-3-Chloropropane		3900	U	33	3900

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2409-1
Sdg Number: 220-2409

Client Sample ID: **VB1-14-18.1-22.1 DL**

Lab Sample ID: 220-2409-2
Client Matrix: Solid

% Moisture: 39.0

Date Sampled: 08/10/2007 1210
Date Received: 08/11/2007 1020

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B-Medium
Dilution: 2.0
Date Analyzed: 08/13/2007 1402
Date Prepared: 08/13/2007 1000

Analysis Batch: 220-8580
Prep Batch: 220-8574

Run Type: DL

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: N3593.D
Initial Weight/Volume: 4 g
Final Weight/Volume: 10 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		3900	U	33	3900
Methyl acetate		3900	U	33	3900
Cyclohexane		3900	U	33	3900
Methylcyclohexane		3900	U	33	3900

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94	70 - 121
4-Bromofluorobenzene	89	59 - 113
Toluene-d8 (Surr)	90	84 - 138

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2409-1
Sdg Number: 220-2409

Client Sample ID: VB1-8-15.4-19.4

Lab Sample ID: 220-2409-3
Client Matrix: Solid
% Moisture: 43.2

Date Sampled: 08/10/2007 1330
Date Received: 08/11/2007 1020

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B
Dilution: 10
Date Analyzed: 08/12/2007 1640
Date Prepared: 08/12/2007 1640

Analysis Batch: 220-8576

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: N3578.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		180	U	1.8	180
Vinyl chloride		180	U	1.8	180
Bromomethane		180	U	1.8	180
Chloroethane		180	U	1.8	180
1,1-Dichloroethene		180	U	1.8	180
Carbon disulfide		9.4	J	1.8	180
Acetone		16000	E B	1.8	180
Methylene Chloride		28	J B	1.8	180
1,1-Dichloroethane		180	U	1.8	180
2-Butanone (MEK)		9200	E	1.8	180
Chloroform		180	U	1.8	180
1,1,1-Trichloroethane		180	U	1.8	180
Carbon tetrachloride		180	U	1.8	180
Benzene		14	J	1.8	180
1,2-Dichloroethane		180	U	1.8	180
Trichloroethene		430		1.8	180
1,2-Dichloropropane		180	U	1.8	180
Bromodichloromethane		180	U	1.8	180
cis-1,3-Dichloropropene		180	U	1.8	180
4-Methyl-2-pentanone (MIBK)		180	U	1.8	180
Toluene		78	J B	1.8	180
trans-1,3-Dichloropropene		180	U	1.8	180
1,1,2-Trichloroethane		180	U	1.8	180
Tetrachloroethene		33000	E	1.8	180
2-Hexanone		90	J	1.8	180
Dibromochloromethane		180	U	1.8	180
Chlorobenzene		180	U	1.8	180
Ethylbenzene		5.3	J	1.8	180
Styrene		180	U	1.8	180
Bromoform		180	U	1.8	180
1,1,2,2-Tetrachloroethane		180	U	1.8	180
Xylenes, Total		130	J	1.8	180
cis-1,2-Dichloroethene		53	J	1.8	180
trans-1,2-Dichloroethene		180	U	1.8	180
Dichlorodifluoromethane		180	U	1.8	180
Trichlorofluoromethane		180	U	1.8	180
1,1,2-Trichloro-1,2,2-trifluoroethane		180	U	1.8	180
Methyl tert-butyl ether		180	U	1.8	180
1,2-Dibromoethane		180	U	1.8	180
Isopropylbenzene		180	U	1.8	180
1,3-Dichlorobenzene		180	U	1.8	180
1,4-Dichlorobenzene		180	U	1.8	180
1,2-Dichlorobenzene		180	U	1.8	180
1,2-Dibromo-3-Chloropropane		180	U	1.8	180

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2409-1
Sdg Number: 220-2409

Client Sample ID: **VB1-8-15.4-19.4**

Lab Sample ID: 220-2409-3
Client Matrix: Solid
% Moisture: 43.2

Date Sampled: 08/10/2007 1330
Date Received: 08/11/2007 1020

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B
Dilution: 10
Date Analyzed: 08/12/2007 1640
Date Prepared: 08/12/2007 1640

Analysis Batch: 220-8576

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: N3578.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		180	U	1.8	180
Methyl acetate		180	U	1.8	180
Cyclohexane		180	U	1.8	180
Methylcyclohexane		180	U	1.8	180

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94	70 - 121
4-Bromofluorobenzene	94	59 - 113
Toluene-d8 (Surr)	92	84 - 138

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2409-1
Sdg Number: 220-2409

Client Sample ID: VB1-8-15.4-19.4 DL

Lab Sample ID: 220-2409-3
Client Matrix: Solid
% Moisture: 43.2

Date Sampled: 08/10/2007 1330
Date Received: 08/11/2007 1020

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B-Medium
Dilution: 2.0
Date Analyzed: 08/13/2007 1426
Date Prepared: 08/13/2007 1000

Analysis Batch: 220-8580
Prep Batch: 220-8574
Run Type: DL

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: N3594.D
Initial Weight/Volume: 4 g
Final Weight/Volume: 10 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		4200	U	35	4200
Vinyl chloride		4200	U	35	4200
Bromomethane		4200	U	35	4200
Chloroethane		4200	U	35	4200
1,1-Dichloroethene		4200	U	35	4200
Carbon disulfide		4200	U	35	4200
Acetone		17000		35	4200
Methylene Chloride		100	J B U	35	4200
1,1-Dichloroethane		4200	U	35	4200
2-Butanone (MEK)		6300		35	4200
Chloroform		4200	U	35	4200
1,1,1-Trichloroethane		4200	U	35	4200
Carbon tetrachloride		4200	U	35	4200
Benzene		4200	U	35	4200
1,2-Dichloroethane		4200	U	35	4200
Trichloroethene		290	J	35	4200
1,2-Dichloropropane		4200	U	35	4200
Bromodichloromethane		4200	U	35	4200
cis-1,3-Dichloropropene		4200	U	35	4200
4-Methyl-2-pentanone (MIBK)		4200	U	35	4200
Toluene		52	J	35	4200
trans-1,3-Dichloropropene		4200	U	35	4200
1,1,2-Trichloroethane		4200	U	35	4200
Tetrachloroethene		46000		35	4200
2-Hexanone		4200	U	35	4200
Dibromochloromethane		4200	U	35	4200
Chlorobenzene		4200	U	35	4200
Ethylbenzene		4200	U	35	4200
Styrene		4200	U	35	4200
Bromoform		4200	U	35	4200
1,1,2,2-Tetrachloroethane		4200	U	35	4200
Xylenes, Total		4200	U	35	4200
cis-1,2-Dichloroethene		4200	U	35	4200
trans-1,2-Dichloroethene		4200	U	35	4200
Dichlorodifluoromethane		4200	U	35	4200
Trichlorofluoromethane		4200	U	35	4200
1,1,2-Trichloro-1,2,2-trifluoroethane		4200	U	35	4200
Methyl tert-butyl ether		4200	U	35	4200
1,2-Dibromoethane		4200	U	35	4200
Isopropylbenzene		4200	U	35	4200
1,3-Dichlorobenzene		4200	U	35	4200
1,4-Dichlorobenzene		4200	U	35	4200
1,2-Dichlorobenzene		4200	U	35	4200
1,2-Dibromo-3-Chloropropane		4200	U	35	4200

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2409-1
Sdg Number: 220-2409

Client Sample ID: **VB1-8-15.4-19.4 DL**

Lab Sample ID: 220-2409-3
Client Matrix: Solid
% Moisture: 43.2

Date Sampled: 08/10/2007 1330
Date Received: 08/11/2007 1020

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B-Medium
Dilution: 2.0
Date Analyzed: 08/13/2007 1426
Date Prepared: 08/13/2007 1000

Analysis Batch: 220-8580
Prep Batch: 220-8574
Run Type: DL

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: N3594.D
Initial Weight/Volume: 4 g
Final Weight/Volume: 10 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		4200	U	35	4200
Methyl acetate		4200	U	35	4200
Cyclohexane		4200	U	35	4200
Methylcyclohexane		4200	U	35	4200

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	87	70 - 121
4-Bromofluorobenzene	84	59 - 113
Toluene-d8 (Surr)	86	84 - 138

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2409-1
Sdg Number: 220-2409

Client Sample ID: **VB1-12-15.9-19.9**

Lab Sample ID: 220-2409-4
Client Matrix: Solid
% Moisture: 36.7

Date Sampled: 08/10/2007 1600
Date Received: 08/11/2007 1020

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B
Dilution: 10
Date Analyzed: 08/12/2007 1707
Date Prepared: 08/12/2007 1707

Analysis Batch: 220-8576

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: N3579.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		160	U	1.6	160
Vinyl chloride		160	U	1.6	160
Bromomethane		160	U	1.6	160
Chloroethane		160	U	1.6	160
1,1-Dichloroethene		160	U	1.6	160
Carbon disulfide		14	J	1.6	160
Acetone		3700	E B J	1.6	160
Methylene Chloride		26	J B U	1.6	160
1,1-Dichloroethane		160	U	1.6	160
2-Butanone (MEK)		2300		1.6	160
Chloroform		160	U	1.6	160
1,1,1-Trichloroethane		160	U	1.6	160
Carbon tetrachloride		160	U	1.6	160
Benzene		11	J	1.6	160
1,2-Dichloroethane		160	U	1.6	160
Trichloroethene		130	J	1.6	160
1,2-Dichloropropane		160	U	1.6	160
Bromodichloromethane		160	U	1.6	160
cis-1,3-Dichloropropene		160	U	1.6	160
4-Methyl-2-pentanone (MIBK)		160	U	1.6	160
Toluene		47	J B U	1.6	160
trans-1,3-Dichloropropene		160	U	1.6	160
1,1,2-Trichloroethane		160	U	1.6	160
Tetrachloroethene		1800		1.6	160
2-Hexanone		41	J	1.6	160
Dibromochloromethane		160	U	1.6	160
Chlorobenzene		160	U	1.6	160
Ethylbenzene		160	U	1.6	160
Styrene		160	U	1.6	160
Bromoform		160	U	1.6	160
1,1,2,2-Tetrachloroethane		160	U	1.6	160
Xylenes, Total		80	J	1.6	160
cis-1,2-Dichloroethene		6600	E J	1.6	160
trans-1,2-Dichloroethene		100	J	1.6	160
Dichlorodifluoromethane		160	U	1.6	160
Trichlorofluoromethane		160	U	1.6	160
1,1,2-Trichloro-1,2,2-trifluoroethane		160	U	1.6	160
Methyl tert-butyl ether		160	U	1.6	160
1,2-Dibromoethane		160	U	1.6	160
Isopropylbenzene		160	U	1.6	160
1,3-Dichlorobenzene		160	U	1.6	160
1,4-Dichlorobenzene		160	U	1.6	160
1,2-Dichlorobenzene		160	U	1.6	160
1,2-Dibromo-3-Chloropropane		160	U	1.6	160

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2409-1
Sdg Number: 220-2409

Client Sample ID: **VB1-12-15.9-19.9**

Lab Sample ID: 220-2409-4
Client Matrix: Solid
% Moisture: 36.7
Date Sampled: 08/10/2007 1600
Date Received: 08/11/2007 1020

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B
Dilution: 10
Date Analyzed: 08/12/2007 1707
Date Prepared: 08/12/2007 1707
Analysis Batch: 220-8576
Instrument ID: HP 5890/5971A GC/MS
Lab File ID: N3579.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		160	U	1.6	160
Methyl acetate		160	U	1.6	160
Cyclohexane		160	U	1.6	160
Methylcyclohexane		160	U	1.6	160

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104	70 - 121
4-Bromofluorobenzene	106	59 - 113
Toluene-d8 (Surr)	108	84 - 138

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2409-1
Sdg Number: 220-2409

Client Sample ID: VB1-12-15.9-19.9 DL

Lab Sample ID: 220-2409-4
Client Matrix: Solid

% Moisture: 36.7

Date Sampled: 08/10/2007 1600
Date Received: 08/11/2007 1020

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B-Medium
Dilution: 1.0
Date Analyzed: 08/13/2007 1330
Date Prepared: 08/13/2007 1000

Analysis Batch: 220-8580
Prep Batch: 220-8574

Run Type: DL

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: N3592.D
Initial Weight/Volume: 4 g
Final Weight/Volume: 10 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		1900	U	16	1900
Vinyl chloride		1900	U	16	1900
Bromomethane		1900	U	16	1900
Chloroethane		1900	U	16	1900
1,1-Dichloroethene		1900	U	16	1900
Carbon disulfide		1900	U	16	1900
Acetone		4600		16	1900
Methylene Chloride		63	J B U	16	1900
1,1-Dichloroethane		1900	U	16	1900
2-Butanone (MEK)		1700	J	16	1900
Chloroform		1900	U	16	1900
1,1,1-Trichloroethane		1900	U	16	1900
Carbon tetrachloride		1900	U	16	1900
Benzene		1900	U	16	1900
1,2-Dichloroethane		1900	U	16	1900
Trichloroethene		120	J	16	1900
1,2-Dichloropropane		1900	U	16	1900
Bromodichloromethane		1900	U	16	1900
cis-1,3-Dichloropropene		1900	U	16	1900
4-Methyl-2-pentanone (MIBK)		1900	U	16	1900
Toluene		40	J	16	1900
trans-1,3-Dichloropropene		1900	U	16	1900
1,1,2-Trichloroethane		1900	U	16	1900
Tetrachloroethene		2700		16	1900
2-Hexanone		1900	U	16	1900
Dibromochloromethane		1900	U	16	1900
Chlorobenzene		1900	U	16	1900
Ethylbenzene		1900	U	16	1900
Styrene		1900	U	16	1900
Bromoform		1900	U	16	1900
1,1,2,2-Tetrachloroethane		1900	U	16	1900
Xylenes, Total		72	J	16	1900
cis-1,2-Dichloroethene		5900		16	1900
trans-1,2-Dichloroethene		86	J M	16	1900
Dichlorodifluoromethane		1900	U	16	1900
Trichlorofluoromethane		1900	U	16	1900
1,1,2-Trichloro-1,2,2-trifluoroethane		1900	U	16	1900
Methyl tert-butyl ether		1900	U	16	1900
1,2-Dibromoethane		1900	U	16	1900
Isopropylbenzene		1900	U	16	1900
1,3-Dichlorobenzene		1900	U	16	1900
1,4-Dichlorobenzene		1900	U	16	1900
1,2-Dichlorobenzene		1900	U	16	1900
1,2-Dibromo-3-Chloropropane		1900	U	16	1900

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2409-1
Sdg Number: 220-2409

Client Sample ID: VB1-12-15.9-19.9 DL

Lab Sample ID: 220-2409-4
Client Matrix: Solid
% Moisture: 36.7
Date Sampled: 08/10/2007 1600
Date Received: 08/11/2007 1020

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B-Medium
Dilution: 1.0
Date Analyzed: 08/13/2007 1330
Date Prepared: 08/13/2007 1000
Analysis Batch: 220-8580
Prep Batch: 220-8574
Run Type: DL
Instrument ID: HP 5890/5971A GC/MS
Lab File ID: N3592.D
Initial Weight/Volume: 4 g
Final Weight/Volume: 10 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		1900	U	16	1900
Methyl acetate		1900	U	16	1900
Cyclohexane		1900	U	16	1900
Methylcyclohexane		1900	U	16	1900

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99	70 - 121
4-Bromofluorobenzene	89	59 - 113
Toluene-d8 (Surr)	92	84 - 138

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

Data Usability Summary Report for
STL Buffalo, Job No. A07-8784
Subcontracted to Test America, Connecticut
as SDG No. 220-2498-1

2 Soil Samples
Collected August 20 and 21, 2007

Prepared by: Donald Anné
October 8, 2007

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contains the results for 2 soil samples analyzed for volatiles.

The overall performances of the analyses are acceptable. Test America, Connecticut did fulfill the requirements of the analytical method.

The data are acceptable with some minor issues that are identified in the accompanying data validation review. The following data were flagged:

- Positive volatile results for methylene chloride were flagged as "not detected" (U) in both soil samples and dilutions because the levels reported in the samples were not significantly greater (more than 10 times) than the associated method blank level.

- Positive volatile results for toluene were flagged as "not detected" (U) in both undiluted soil samples because the levels reported in the samples were not significantly greater (more than 5 times) than the associated method blank level.

- Volatile results for 3 compounds in sample VB1-8-15.4-19.4 and results for 2 compounds in samples VB1-3-5.5-9.5 were quantitated using data that were extrapolated beyond the highest calibration standard and flagged "E" by the laboratory. The results for these compounds were qualified as estimated (J) in the undiluted samples. It is recommended that the diluted results be used for those compounds.

All data are considered usable, with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation review.

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ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Volatiles Data for
STL Buffalo, Job No. A07-8784
Subcontracted to Test America, Connecticut
as Job No. 220-2498-1

2 Soil Samples
Collected August 20 and 21, 2007

Prepared by: Donald Anné
October 8, 2007

Holding Times: Samples were analyzed within NYSDEC ASP holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The RRFs for 1,2,4-trichlorobenzene (0.170 and 0.197) were below the ASP minimum (0.200) for MSO on 08-23-07. No action is taken on two or fewer compounds per calibration outside ASP requirements, provided %RSDs are not greater than 40% and RRFs are not less than 0.010.

The average RRFs for target compounds were above the allowable minimum (0.050) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The %D for bromofluorobenzene (30.2%) was above the ASP maximum (25%) on 08-22-07 (O0912). The %D for bromofluorobenzene (25.9%) was above the ASP maximum (25%) on 08-23-07 (O0934). No action is taken on two or fewer compounds per calibration outside ASP requirements, provided %Ds are not greater than 40% and RRF50s are not less than 0.010.

The RRF50s for target compounds were above the allowable minimum (0.050), as required.

The %D for chloroethane (36.7%) was above the allowable maximum (25%) on 08-22-07 (O0912). Positive results for chloroethane should be considered estimated (J) in associated samples.

Blanks: Method blank MB 220-8772/2 contained traces of acetone (6.4 ug/kg), methylene chloride (2.4 ug/kg), and toluene (0.58 ug/kg). Method blank MB 220-8812/2 contained a trace of methylene chloride (67 ug/kg). Results for acetone and methylene chloride that are less than ten times the method blank level should be reported as not detected (U) in associated

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samples. Results for toluene that are less than five times the method blank level should be reported as not detected (U) in associated samples.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Surrogate Recovery: The surrogate recoveries were within control limits for environmental samples.

Matrix Spike/Matrix Spike Duplicate: MS/MSD data were not provided in this data pack. No action is taken on MS/MSD data alone to qualify or reject an entire set of samples.

Laboratory Control Sample: The percent recoveries were within QC limits for samples LCS 220-8772/6 and LCS 220-8812/5.

Compound ID: Checked compounds were within GC/MS quantitation and qualitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

The results for 3 volatile compounds in sample VB1-8-15.4-19.4 and results for 2 compounds in sample VB1-3-5.5-9.5 were quantitated by extrapolating data above the highest calibration standard and marked 'E' by the laboratory. The samples were diluted by the laboratory and re-analyzed; therefore, the results for these compounds that are flagged as 'E' in the undiluted samples should be considered estimated (J) and the use of the diluted results for these compounds is recommended. It is recommended that the undiluted results be used for all other compounds.

SAMPLE SUMMARY

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2498-1
Sdg Number: 220-2498

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
220-2498-1	VB1-8-15.4-19.4	Solid	08/20/2007 1840	08/22/2007 0945
220-2498-2	VB1-3-5.5-9.5	Solid	08/21/2007 1110	08/22/2007 0945

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2498-1
Sdg Number: 220-2498

Client Sample ID: **VB1-8-15.4-19.4**

Lab Sample ID: 220-2498-1
Client Matrix: Solid
% Moisture: 41.7

Date Sampled: 08/20/2007 1840
Date Received: 08/22/2007 0945

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B
Dilution: 10
Date Analyzed: 08/22/2007 2025
Date Prepared: 08/22/2007 2025

Analysis Batch: 220-8772

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O0918.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		170	U	1.7	170
Vinyl chloride		170	U	1.7	170
Bromomethane		170	U	1.7	170
Chloroethane		170	U	1.7	170
1,1-Dichloroethene		170	U	1.7	170
Carbon disulfide		170	U	1.7	170
Acetone		13000	E B J	1.7	170
Methylene Chloride		51	J B U	1.7	170
1,1-Dichloroethane		170	U	1.7	170
2-Butanone (MEK)		6600	E J	1.7	170
Chloroform		170	U	1.7	170
1,1,1-Trichloroethane		170	U	1.7	170
Carbon tetrachloride		170	U	1.7	170
Benzene		6.1	J	1.7	170
1,2-Dichloroethane		170	U	1.7	170
Trichloroethene		120	J	1.7	170
1,2-Dichloropropane		170	U	1.7	170
Bromodichloromethane		170	U	1.7	170
cis-1,3-Dichloropropene		170	U	1.7	170
4-Methyl-2-pentanone (MIBK)		170	U	1.7	170
Toluene		29	J B U	1.7	170
trans-1,3-Dichloropropene		170	U	1.7	170
1,1,2-Trichloroethane		170	U	1.7	170
Tetrachloroethene		4000	E J	1.7	170
2-Hexanone		85	J	1.7	170
Dibromochloromethane		170	U	1.7	170
Chlorobenzene		170	U	1.7	170
Ethylbenzene		170	U	1.7	170
Styrene		170	U	1.7	170
Bromoform		170	U	1.7	170
1,1,2,2-Tetrachloroethane		170	U	1.7	170
Xylenes, Total		37	J	1.7	170
cis-1,2-Dichloroethene		20	J	1.7	170
trans-1,2-Dichloroethene		170	U	1.7	170
Dichlorodifluoromethane		170	U	1.7	170
Trichlorofluoromethane		170	U	1.7	170
1,1,2-Trichloro-1,2,2-trifluoroethane		170	U	1.7	170
Methyl tert-butyl ether		170	U	1.7	170
1,2-Dibromoethane		170	U	1.7	170
Isopropylbenzene		170	U	1.7	170
1,3-Dichlorobenzene		170	U	1.7	170
1,4-Dichlorobenzene		170	U	1.7	170
1,2-Dichlorobenzene		170	U	1.7	170
1,2-Dibromo-3-Chloropropane		170	U	1.7	170

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2498-1
Sdg Number: 220-2498

Client Sample ID: **VB1-8-15.4-19.4**

Lab Sample ID: 220-2498-1
Client Matrix: Solid
% Moisture: 41.7
Date Sampled: 08/20/2007 1840
Date Received: 08/22/2007 0945

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B
Dilution: 10
Date Analyzed: 08/22/2007 2025
Date Prepared: 08/22/2007 2025
Analysis Batch: 220-8772
Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O0918.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		170	U	1.7	170
Methyl acetate		170	U	1.7	170
Cyclohexane		170	U	1.7	170
Methylcyclohexane		170	U	1.7	170

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102	70 - 121
4-Bromofluorobenzene	97	59 - 113
Toluene-d8 (Surr)	97	84 - 138

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2498-1
Sdg Number: 220-2498

Client Sample ID: VB1-8-15.4-19.4 DL

Lab Sample ID: 220-2498-1
Client Matrix: Solid
% Moisture: 41.7
Date Sampled: 08/20/2007 1840
Date Received: 08/22/2007 0945

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B-Medium
Dilution: 1.0
Date Analyzed: 08/23/2007 1747
Date Prepared: 08/23/2007 1042
Analysis Batch: 220-8812
Prep Batch: 220-8811
Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O0938.D
Initial Weight/Volume: 4 g
Final Weight/Volume: 10 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		2100	U	17	2100
Vinyl chloride		2100	U	17	2100
Bromomethane		2100	U	17	2100
Chloroethane		2100	U	17	2100
1,1-Dichloroethene		2100	U	17	2100
Carbon disulfide		2100	U	17	2100
Acetone		15000		17	2100
Methylene Chloride		85	J B U	17	2100
1,1-Dichloroethane		2100	U	17	2100
2-Butanone (MEK)		5600		17	2100
Chloroform		2100	U	17	2100
1,1,1-Trichloroethane		2100	U	17	2100
Carbon tetrachloride		2100	U	17	2100
Benzene		2100	U	17	2100
1,2-Dichloroethane		2100	U	17	2100
Trichloroethene		130	J	17	2100
1,2-Dichloropropane		2100	U	17	2100
Bromodichloromethane		2100	U	17	2100
cis-1,3-Dichloropropene		2100	U	17	2100
4-Methyl-2-pentanone (MIBK)		2100	U	17	2100
Toluene		2100	U	17	2100
trans-1,3-Dichloropropene		2100	U	17	2100
1,1,2-Trichloroethane		2100	U	17	2100
Tetrachloroethene		6500		17	2100
2-Hexanone		2100	U	17	2100
Dibromochloromethane		2100	U	17	2100
Chlorobenzene		2100	U	17	2100
Ethylbenzene		2100	U	17	2100
Styrene		2100	U	17	2100
Bromoform		2100	U	17	2100
1,1,2,2-Tetrachloroethane		2100	U	17	2100
Xylenes, Total		2100	U	17	2100
cis-1,2-Dichloroethene		2100	U	17	2100
trans-1,2-Dichloroethene		2100	U	17	2100
Dichlorodifluoromethane		2100	U	17	2100
Trichlorofluoromethane		2100	U	17	2100
1,1,2-Trichloro-1,2,2-trifluoroethane		2100	U	17	2100
Methyl tert-butyl ether		2100	U	17	2100
1,2-Dibromoethane		2100	U	17	2100
Isopropylbenzene		2100	U	17	2100
1,3-Dichlorobenzene		2100	U	17	2100
1,4-Dichlorobenzene		2100	U	17	2100
1,2-Dichlorobenzene		2100	U	17	2100
1,2-Dibromo-3-Chloropropane		2100	U	17	2100

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2498-1
Sdg Number: 220-2498

Client Sample ID: VB1-8-15.4-19.4 DL

Lab Sample ID: 220-2498-1
Client Matrix: Solid
% Moisture: 41.7
Date Sampled: 08/20/2007 1840
Date Received: 08/22/2007 0945

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B-Medium
Dilution: 1.0
Date Analyzed: 08/23/2007 1747
Date Prepared: 08/23/2007 1042
Analysis Batch: 220-8812
Prep Batch: 220-8811
Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O0938.D
Initial Weight/Volume: 4 g
Final Weight/Volume: 10 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		2100	U	17	2100
Methyl acetate		2100	U	17	2100
Cyclohexane		2100	U	17	2100
Methylcyclohexane		2100	U	17	2100

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	110	70 - 121
4-Bromofluorobenzene	107	59 - 113
Toluene-d8 (Surr)	109	84 - 138

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2498-1
Sdg Number: 220-2498

Client Sample ID: VB1-3-5.5-9.5

Lab Sample ID: 220-2498-2
Client Matrix: Solid
% Moisture: 63.4

Date Sampled: 08/21/2007 1110
Date Received: 08/22/2007 0945

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B
Dilution: 10
Date Analyzed: 08/22/2007 2140
Date Prepared: 08/22/2007 2140

Analysis Batch: 220-8772

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O0921.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		270	U	2.7	270
Vinyl chloride		270	U	2.7	270
Bromomethane		270	U	2.7	270
Chloroethane		270	U	2.7	270
1,1-Dichloroethene		270	U	2.7	270
Carbon disulfide		270	U	2.7	270
Acetone		8600	E B J	2.7	270
Methylene Chloride		81	J B U	2.7	270
1,1-Dichloroethane		270	U	2.7	270
2-Butanone (MEK)		2500		2.7	270
Chloroform		270	U	2.7	270
1,1,1-Trichloroethane		270	U	2.7	270
Carbon tetrachloride		270	U	2.7	270
Benzene		5.9	J	2.7	270
1,2-Dichloroethane		270	U	2.7	270
Trichloroethene		1400		2.7	270
1,2-Dichloropropane		270	U	2.7	270
Bromodichloromethane		270	U	2.7	270
cis-1,3-Dichloropropene		270	U	2.7	270
4-Methyl-2-pentanone (MIBK)		270	U	2.7	270
Toluene		28	J B U	2.7	270
trans-1,3-Dichloropropene		270	U	2.7	270
1,1,2-Trichloroethane		270	U	2.7	270
Tetrachloroethene		32000	E J	2.7	270
2-Hexanone		59	J	2.7	270
Dibromochloromethane		270	U	2.7	270
Chlorobenzene		270	U	2.7	270
Ethylbenzene		11	J	2.7	270
Styrene		270	U	2.7	270
Bromoform		270	U	2.7	270
1,1,2,2-Tetrachloroethane		270	U	2.7	270
Xylenes, Total		72	J	2.7	270
cis-1,2-Dichloroethene		590		2.7	270
trans-1,2-Dichloroethene		270	U	2.7	270
Dichlorodifluoromethane		270	U	2.7	270
Trichlorofluoromethane		270	U	2.7	270
1,1,2-Trichloro-1,2,2-trifluoroethane		270	U	2.7	270
Methyl tert-butyl ether		270	U	2.7	270
1,2-Dibromoethane		270	U	2.7	270
Isopropylbenzene		9.1	J	2.7	270
1,3-Dichlorobenzene		270	U	2.7	270
1,4-Dichlorobenzene		5.0	J	2.7	270
1,2-Dichlorobenzene		270	U	2.7	270
1,2-Dibromo-3-Chloropropane		270	U	2.7	270

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2498-1
Sdg Number: 220-2498

Client Sample ID: VB1-3-5.5-9.5

Lab Sample ID: 220-2498-2
Client Matrix: Solid
% Moisture: 63.4
Date Sampled: 08/21/2007 1110
Date Received: 08/22/2007 0945

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B
Dilution: 10
Date Analyzed: 08/22/2007 2140
Date Prepared: 08/22/2007 2140
Analysis Batch: 220-8772
Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O0921.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		270	U	2.7	270
Methyl acetate		270	U	2.7	270
Cyclohexane		270	U	2.7	270
Methylcyclohexane		270	U	2.7	270

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100	70 - 121
4-Bromofluorobenzene	101	59 - 113
Toluene-d8 (Surr)	97	84 - 138

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2498-1
Sdg Number: 220-2498

Client Sample ID: VB1-3-5.5-9.5 DL

Lab Sample ID: 220-2498-2
Client Matrix: Solid
% Moisture: 63.4

Date Sampled: 08/21/2007 1110
Date Received: 08/22/2007 0945

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B-Medium
Dilution: 1.0
Date Analyzed: 08/23/2007 1811
Date Prepared: 08/23/2007 1042

Analysis Batch: 220-8812
Prep Batch: 220-8811

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O0939.D
Initial Weight/Volume: 4 g
Final Weight/Volume: 10 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		3300	U	27	3300
Vinyl chloride		3300	U	27	3300
Bromomethane		3300	U	27	3300
Chloroethane		3300	U	27	3300
1,1-Dichloroethene		3300	U	27	3300
Carbon disulfide		3300	U	27	3300
Acetone		10000		27	3300
Methylene Chloride		140	J B U	27	3300
1,1-Dichloroethane		3300	U	27	3300
2-Butanone (MEK)		3300	U	27	3300
Chloroform		3300	U	27	3300
1,1,1-Trichloroethane		3300	U	27	3300
Carbon tetrachloride		3300	U	27	3300
Benzene		3300	U	27	3300
1,2-Dichloroethane		3300	U	27	3300
Trichloroethene		1700	J	27	3300
1,2-Dichloropropane		3300	U	27	3300
Bromodichloromethane		3300	U	27	3300
cis-1,3-Dichloropropene		3300	U	27	3300
4-Methyl-2-pentanone (MIBK)		3300	U	27	3300
Toluene		3300	U	27	3300
trans-1,3-Dichloropropene		3300	U	27	3300
1,1,2-Trichloroethane		3300	U	27	3300
Tetrachloroethene		66000		27	3300
2-Hexanone		3300	U	27	3300
Dibromochloromethane		3300	U	27	3300
Chlorobenzene		3300	U	27	3300
Ethylbenzene		3300	U	27	3300
Styrene		3300	U	27	3300
Bromoform		3300	U	27	3300
1,1,2,2-Tetrachloroethane		3300	U	27	3300
Xylenes, Total		82	J	27	3300
cis-1,2-Dichloroethene		510	J	27	3300
trans-1,2-Dichloroethene		3300	U	27	3300
Dichlorodifluoromethane		3300	U	27	3300
Trichlorofluoromethane		3300	U	27	3300
1,1,2-Trichloro-1,2,2-trifluoroethane		3300	U	27	3300
Methyl tert-butyl ether		3300	U	27	3300
1,2-Dibromoethane		3300	U	27	3300
Isopropylbenzene		3300	U	27	3300
1,3-Dichlorobenzene		3300	U	27	3300
1,4-Dichlorobenzene		3300	U	27	3300
1,2-Dichlorobenzene		3300	U	27	3300
1,2-Dibromo-3-Chloropropane		3300	U	27	3300

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2498-1
Sdg Number: 220-2498

Client Sample ID: VB1-3-5.5-9.5 DL

Lab Sample ID: 220-2498-2
Client Matrix: Solid
% Moisture: 63.4

Date Sampled: 08/21/2007 1110
Date Received: 08/22/2007 0945

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B-Medium
Dilution: 1.0
Date Analyzed: 08/23/2007 1811
Date Prepared: 08/23/2007 1042

Analysis Batch: 220-8812
Prep Batch: 220-8811

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O0939.D
Initial Weight/Volume: 4 g
Final Weight/Volume: 10 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		3300	U	27	3300
Methyl acetate		3300	U	27	3300
Cyclohexane		3300	U	27	3300
Methylcyclohexane		3300	U	27	3300

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96	70 - 121
4-Bromofluorobenzene	95	59 - 113
Toluene-d8 (Surr)	98	84 - 138

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Data Usability Summary Report for
Test America, Buffalo, Job No. A07-9401
Subcontracted to Test America, Connecticut
as SDG No. 220-2472-1

1 Soil Sample
Collected August 20, 2007

Prepared by: Donald Anné
October 8, 2007

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contains the results for 1 soil sample analyzed for volatiles.

The overall performances of the analyses are acceptable. Test America, Connecticut did fulfill the requirements of the analytical method.

The data are acceptable with some minor issues that are identified in the accompanying data validation review. The following data were flagged:

- Positive volatile results for methylene chloride were flagged as "not detected" (U) in sample VB3-25-15.8-19.8 and the dilution because the levels reported in the samples were not significantly greater (more than 10 times) than the associated method blank level.

- The "not detected" volatile result for 1,2-dibromo-3-chloropropane was flagged as "unusable" (R) in diluted sample VB3-25-15.8-19.8DL because the RRF50 for 1,2-dibromo-3-chloropropane was below the allowable minimum in the associated continuing calibration.

- Volatile results 3 volatile compounds in sample VB3-25-15.8-19.8 were quantitated using data that were extrapolated beyond the highest calibration standard and flagged "E" by the laboratory. The results for these compounds were qualified as estimated (J) in the undiluted sample. It is recommended that the diluted results be used for those compounds.

All data that are not flagged rejected (R) are considered usable, with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation review.

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The "not detected" data that were qualified as "R" were associated with method-compliant calibrations, and the response factors for the one affected compound were greater than 0.010. It is this reviewer's opinion that although the validation guidelines recommend that the data should be considered unusable, the "R" data may be acceptable to the user, based on the preceding facts and additional information that is not contained in the validation criteria. The user is cautioned that there is a higher degree of analytical uncertainty associated with the R-flagged data, because the relative response factor for the compound was less than 0.050.

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QA/QC Review of Volatiles Data for
Test America, Buffalo, Job No. A07-9401
Subcontracted to Test America, Connecticut
as Job No. 220-2472-1

1 Soil Sample
Collected August 20, 2007

Prepared by: Donald Anné
October 8, 2007

Holding Times: Sample VB3-25-15.8-19.8 was analyzed within NYSDEC ASP holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The RRFs for 1,3-dichlorobenzene (0.531, 0.549, and 0.512) and 1,2,4-trichlorobenzene (0.149, 0.158, 0.190, 0.176, and 0.170) were below the ASP minimum (0.600 and 0.200 respectively) for MSO on 07-23-07. No action is taken on two or fewer compounds per calibration outside ASP requirements, provided %RSDs are not greater than 40% and RRFs are not less than 0.010.

The average RRFs for target compounds were above the allowable minimum (0.050) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The RRF50s for 1,3-dichlorobenzene (0.540) and 1,2,4-trichlorobenzene (0.172) were below the ASP minimum (0.600 and 0.200 respectively) on 08-21-07 (O0887). The %D for bromofluorobenzene (30.2%) was above the ASP maximum (25%) on 08-22-07 (O0912). No action is taken on two or fewer compounds per calibration outside ASP requirements, provided %Ds are not greater than 40% and RRF50s are not less than 0.010.

The RRF50 for 1,2-dibromo-3-chloropropane (0.047) was below the allowable minimum (0.050), but was above the method minimum (0.010) on 08-21-07 (O0887). Positive results for 1,2-dibromo-3-chloropropane should be considered estimated (J) and negative results unusable (R) in associated samples.

The %Ds for chloroethane (37.6%), 4-methyl-2-pentanone (38.4%), 2-hexanone (41.1%), and 1,2-dibromo-3-chloropropane (32.8%) were above the allowable maximum (25%) on 08-21-07 (O0887). The %D for chloroethane (36.7%) was above the allowable maximum (25%) on 08-22-07 (O0912). Positive results for these compounds should be considered estimated (J) in associated samples.

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Blanks: Method blank MB 220-8772/2 contained traces of acetone (6.4 ug/kg), methylene chloride (2.4 ug/kg), and toluene (0.58 ug/kg). Method blank MB 220-8749/2 contained a trace of methylene chloride (33 ug/kg). Results for acetone and methylene chloride that are less than ten times the method blank level should be reported as not detected (U) in associated samples. Results for toluene that are less than five times the method blank level should be reported as not detected (U) in associated samples.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Surrogate Recovery: The surrogate recoveries were within control limits for sample VB3-25-15.8-19.8.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences were below the allowable maximums, but 1 of 10 percent recoveries was above control limits for MS/MSD sample VB3-25-15.8-19.8. No action is taken on MS/MSD data alone to qualify or reject an entire set of samples.

Laboratory Control Sample: The percent recoveries were within QC limits for samples LCS 220-8749/7, MSB 220-8749/6, and LCS 220-8772/6.

Compound ID: Checked compounds were within GC/MS quantitation and qualitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

The results for 3 volatile compounds in sample VB3-25-15.8-19.8 were quantitated by extrapolating data above the highest calibration standard and marked 'E' by the laboratory. The sample was diluted by the laboratory and re-analyzed; therefore, the results for these compounds that are flagged as 'E' in the undiluted sample should be considered estimated (J) and the use of the diluted results for these compounds is recommended. It is recommended that the undiluted results be used for all other compounds.

SAMPLE SUMMARY

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2472-1
Sdg Number: 220-2472

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
220-2472-1	VB3-25-15.8-19.8	Solid	08/20/2007 1030	08/21/2007 0945

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2472-1
Sdg Number: 220-2472

Client Sample ID: **VB3-25-15.8-19.8**

Lab Sample ID: 220-2472-1
Client Matrix: Solid % Moisture: 38.0

Date Sampled: 08/20/2007 1030
Date Received: 08/21/2007 0945

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B
Dilution: 10
Date Analyzed: 08/22/2007 1910
Date Prepared: 08/22/2007 1910

Analysis Batch: 220-8772

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O0915.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		160	U	1.6	160
Vinyl chloride		160	U	1.6	160
Bromomethane		160	U	1.6	160
Chloroethane		160	U	1.6	160
1,1-Dichloroethene		160	U	1.6	160
Carbon disulfide		28	J	1.6	160
Acetone		8500	E B J	1.6	160
Methylene Chloride		52	J B U	1.6	160
1,1-Dichloroethane		160	U	1.6	160
2-Butanone (MEK)		4600	E J	1.6	160
Chloroform		160	U	1.6	160
1,1,1-Trichloroethane		160	U	1.6	160
Carbon tetrachloride		160	U	1.6	160
Benzene		15	J	1.6	160
1,2-Dichloroethane		160	U	1.6	160
Trichloroethene		1500		1.6	160
1,2-Dichloropropane		160	U	1.6	160
Bromodichloromethane		160	U	1.6	160
cis-1,3-Dichloropropene		160	U	1.6	160
4-Methyl-2-pentanone (MIBK)		160	U	1.6	160
Toluene		79	J B	1.6	160
trans-1,3-Dichloropropene		160	U	1.6	160
1,1,2-Trichloroethane		160	U	1.6	160
Tetrachloroethene		8900	E J	1.6	160
2-Hexanone		160	U	1.6	160
Dibromochloromethane		160	U	1.6	160
Chlorobenzene		160	U	1.6	160
Ethylbenzene		7.5	J	1.6	160
Styrene		160	U	1.6	160
Bromoform		160	U	1.6	160
1,1,2,2-Tetrachloroethane		160	U	1.6	160
Xylenes, Total		190		1.6	160
cis-1,2-Dichloroethene		2400		1.6	160
trans-1,2-Dichloroethene		52	J	1.6	160
Dichlorodifluoromethane		160	U	1.6	160
Trichlorofluoromethane		160	U	1.6	160
1,1,2-Trichloro-1,2,2-trifluoroethane		160	U	1.6	160
Methyl tert-butyl ether		160	U	1.6	160
1,2-Dibromoethane		160	U	1.6	160
Isopropylbenzene		160	U	1.6	160
1,3-Dichlorobenzene		160	U	1.6	160
1,4-Dichlorobenzene		160	U	1.6	160
1,2-Dichlorobenzene		160	U	1.6	160
1,2-Dibromo-3-Chloropropane		160	U	1.6	160

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2472-1
Sdg Number: 220-2472

Client Sample ID: **VB3-25-15.8-19.8**

Lab Sample ID: 220-2472-1
Client Matrix: Solid
% Moisture: 38.0

Date Sampled: 08/20/2007 1030
Date Received: 08/21/2007 0945

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B
Dilution: 10
Date Analyzed: 08/22/2007 1910
Date Prepared: 08/22/2007 1910

Analysis Batch: 220-8772

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O0915.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		160	U	1.6	160
Methyl acetate		160	U	1.6	160
Cyclohexane		160	U	1.6	160
Methylcyclohexane		160	U	1.6	160

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98	70 - 121
4-Bromofluorobenzene	95	59 - 113
Toluene-d8 (Surr)	100	84 - 138

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2472-1
Sdg Number: 220-2472

Client Sample ID: VB3-25-15.8-19.8 DL

Lab Sample ID: 220-2472-1
Client Matrix: Solid
% Moisture: 38.0

Date Sampled: 08/20/2007 1030
Date Received: 08/21/2007 0945

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B-Medium
Dilution: 1.0
Date Analyzed: 08/21/2007 1543
Date Prepared: 08/21/2007 0939

Analysis Batch: 220-8749
Prep Batch: 220-8750

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O0892.D
Initial Weight/Volume: 4 g
Final Weight/Volume: 10 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		1900	U	16	1900
Vinyl chloride		1900	U	16	1900
Bromomethane		1900	U	16	1900
Chloroethane		1900	U	16	1900
1,1-Dichloroethene		1900	U	16	1900
Carbon disulfide		1900	U	16	1900
Acetone		13000		16	1900
Methylene Chloride		66	J B U	16	1900
1,1-Dichloroethane		1900	U	16	1900
2-Butanone (MEK)		4700		16	1900
Chloroform		1900	U	16	1900
1,1,1-Trichloroethane		1900	U	16	1900
Carbon tetrachloride		1900	U	16	1900
Benzene		1900	U	16	1900
1,2-Dichloroethane		1900	U	16	1900
Trichloroethene		2200		16	1900
1,2-Dichloropropane		1900	U	16	1900
Bromodichloromethane		1900	U	16	1900
cis-1,3-Dichloropropene		1900	U	16	1900
4-Methyl-2-pentanone (MIBK)		1900	U	16	1900
Toluene		100	J	16	1900
trans-1,3-Dichloropropene		1900	U	16	1900
1,1,2-Trichloroethane		1900	U	16	1900
Tetrachloroethene		19000		16	1900
2-Hexanone		1900	U	16	1900
Dibromochloromethane		1900	U	16	1900
Chlorobenzene		1900	U	16	1900
Ethylbenzene		1900	U	16	1900
Styrene		1900	U	16	1900
Bromoform		1900	U	16	1900
1,1,2,2-Tetrachloroethane		1900	U	16	1900
Xylenes, Total		310	J	16	1900
cis-1,2-Dichloroethene		2500		16	1900
trans-1,2-Dichloroethene		1900	U	16	1900
Dichlorodifluoromethane		1900	U	16	1900
Trichlorofluoromethane		1900	U	16	1900
1,1,2-Trichloro-1,2,2-trifluoroethane		1900	U	16	1900
Methyl tert-butyl ether		1900	U	16	1900
1,2-Dibromoethane		1900	U	16	1900
Isopropylbenzene		1900	U	16	1900
1,3-Dichlorobenzene		1900	U	16	1900
1,4-Dichlorobenzene		1900	U	16	1900
1,2-Dichlorobenzene		1900	U	16	1900
1,2-Dibromo-3-Chloropropane		1900	U R	16	1900

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2472-1
Sdg Number: 220-2472

Client Sample ID: **VB3-25-15.8-19.8 DL**

Lab Sample ID: 220-2472-1
Client Matrix: Solid
% Moisture: 38.0

Date Sampled: 08/20/2007 1030
Date Received: 08/21/2007 0945

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B-Medium
Dilution: 1.0
Date Analyzed: 08/21/2007 1543
Date Prepared: 08/21/2007 0939

Analysis Batch: 220-8749
Prep Batch: 220-8750

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O0892.D
Initial Weight/Volume: 4 g
Final Weight/Volume: 10 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		1900	U	16	1900
Methyl acetate		1900	U	16	1900
Cyclohexane		1900	U	16	1900
Methylcyclohexane		1900	U	16	1900

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	85	70 - 121
4-Bromofluorobenzene	94	59 - 113
Toluene-d8 (Surr)	92	84 - 138

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Data Usability Summary Report for
Test America, Buffalo, Job No. A07-9720
Subcontracted to Test America, Connecticut
as SDG No. 220-2551-1

3 Soil Samples
Collected August 28, 2007

Prepared by: Donald Anné
October 8, 2007

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contains the results for 3 soil samples analyzed for volatiles.

The overall performances of the analyses are acceptable. Test America, Connecticut did fulfill the requirements of the analytical method.

The data are acceptable with some minor issues that are identified in the accompanying data validation review. The following data were flagged:

- Positive volatile results for methylene chloride were flagged as "not detected" (U) in all 3 soil samples and the dilutions because the levels reported in the samples were not significantly greater (more than 10 times) than the associated method blank level.

- Positive volatile results for toluene were flagged as "not detected" (U) in samples VB3-25-15.8-19.8 and VB1-14-18.1-22.1 because the levels reported in the samples were not significantly greater (more than 5 times) than the associated method blank level.

- The positive volatile result for 2-butanone was flagged as "estimated" (J) in sample VB1-14-18.1-22.1DL2 because the %D for 2-butanone were above the allowable maximum in the associated continuing calibration.

- The positive volatile results for acetone were flagged as "estimated" (J) in the following samples because the %Ds for acetone were above the allowable maximum in the associated continuing calibrations.

VB3-25-15.8-19.8DL	VB1-17-15.5-19.5DL	VB1-17-15.5-19.5DL2
VB1-14-18.1-22.1DL	VB1-14-18.1-22.1 DL2	

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- Volatile results for 3 volatile compounds in sample VB1-14-18.1-22.1; results for 2 volatile compounds in samples VB3-25-15.8-19.8 and VB1-17-15.5-19.5; and results for tetrachloroethene in samples VB1-17-15.5-19.5DL and VB1-14-18.1-22.1DL were quantitated using data that were extrapolated beyond the highest calibration standard and flagged "E" by the laboratory. The results for these compounds were qualified as estimated (J) in the undiluted samples. It is recommended that the diluted results be used for those compounds.

All data are considered usable, with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation review.

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QA/QC Review of Volatiles Data for
Test America, Buffalo, Job No. A07-9720
Subcontracted to Test America, Connecticut
as Job No. 220-2551-1

3 Soil Samples
Collected August 28, 2007

Prepared by: Donald Anné
October 8, 2007

Holding Times: Samples were analyzed within NYSDEC ASP holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The RRFs for 1,2,4-trichlorobenzene (0.170 and 0.197) were below the ASP minimum (0.200) for MSO on 08-23-07. No action is taken on two or fewer compounds per calibration outside ASP requirements, provided %RSDs are not greater than 40% and RRFs are not less than 0.010.

The average RRFs for target compounds were above the allowable minimum (0.050) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The RRF50 for 1,2,4-trichlorobenzene (0.196) was below the ASP minimum (0.200) and the %D for bromofluorobenzene (29.3%) was above the ASP maximum (25%) on 08-29-07 (O1005). The RRF50 for 1,2,4-trichlorobenzene (0.193) was below the ASP minimum (0.200) and the %D for bromofluorobenzene (29.1%) was above the ASP maximum (25%) on 08-30-07 (O1035). The %Ds for 1,2,4-trichlorobenzene (33.3%) and bromofluorobenzene (36.7%) were above the ASP maximum (25%) on 08-31-07 (O1065). No action is taken on two or fewer compounds per calibration outside ASP requirements, provided %Ds are not greater than 40% and RRF50s are not less than 0.010.

The RRF50s for target compounds were above the allowable minimum (0.050), as required.

The %D for acetone (36.0%) was above the allowable maximum (25%) on 08-29-07 (O1005). The %Ds for acetone (32.7%) and 2-butanone (26.7%) were above the allowable maximum (25%) on 08-30-07 (O1035). The %D for 1,2,4-trichlorobenzene (33.3%) was above the allowable maximum (25%) on 08-31-07 (O1065). Positive results for these compounds should be considered estimated (J) in associated samples.

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Blanks: Method blank MB 220-9005/2 contained traces of acetone (7.2 ug/kg), methylene chloride (2.3 ug/kg), and toluene (0.53 ug/kg). Method blank MB 220-8952/2 contained traces of methylene chloride (65 ug/kg) and tetrachloroethene (46 ug/kg). Method blank MB 220-8975/2 contained a trace of methylene chloride (31 ug/kg). Results for acetone and methylene chloride that are less than ten times the method blank level should be reported as not detected (U) in associated samples. Results for toluene and tetrachloroethene that are less than five times the method blank level should be reported as not detected (U) in associated samples.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Surrogate Recovery: The surrogate recoveries were within control limits for environmental samples.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences were below the allowable maximums and the percent recoveries were within control limits for MS/MSD sample VB3-25-15.8-19.8.

Laboratory Control Sample: The percent recoveries were within QC limits for samples LCS 220-8952/7, MSB 220-8952/6, LCS 220-9005/6, and LCS 220-8975/5.

Compound ID: Checked compounds were within GC/MS quantitation and qualitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

The results for 3 volatile compounds in sample VB1-14-18.1-22.1; results for 2 volatile compounds in samples VB3-25-15.8-19.8 and VB1-17-15.5-19.5; and the results for tetrachloroethene in samples VB1-17-15.5-19.5DL and VB1-14-18.1-22.1DL were quantitated by extrapolating data above the highest calibration standard and marked 'E' by the laboratory. The sample was diluted by the laboratory and re-analyzed; therefore, the results for these compounds that are flagged as 'E' in the undiluted sample should be considered estimated (J) and the use of the diluted results for these compounds is recommended. It is recommended that the undiluted results be used for all other compounds.

SAMPLE SUMMARY

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2551-1
Sdg Number: 220-2551

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
220-2551-1	VB3-25-15.8-19.8	Solid	08/28/2007 1030	08/29/2007 0930
220-2551-2	VB1-17-15.5-19.5	Solid	08/28/2007 1200	08/29/2007 0930
220-2551-3	VB1-14-18.1-22.1	Solid	08/28/2007 1300	08/29/2007 0930

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2551-1
Sdg Number: 220-2551

Client Sample ID: VB3-25-15.8-19.8

Lab Sample ID: 220-2551-1
Client Matrix: Solid
% Moisture: 41.3

Date Sampled: 08/28/2007 1030
Date Received: 08/29/2007 0930

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B
Dilution: 10
Date Analyzed: 08/31/2007 1157
Date Prepared: 08/31/2007 1157

Analysis Batch: 220-9005
Run Type: RA

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O1068.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane	170	U	1.7	170
Vinyl chloride	170	U	1.7	170
Bromomethane	170	U	1.7	170
Chloroethane	170	U	1.7	170
1,1-Dichloroethene	170	U	1.7	170
Carbon disulfide	170	U	1.7	170
Acetone	5600	E B J	1.7	170
Methylene Chloride	44	J B U	1.7	170
1,1-Dichloroethane	170	U	1.7	170
Methyl Ethyl Ketone	2400		1.7	170
Chloroform	170	U	1.7	170
1,1,1-Trichloroethane	170	U	1.7	170
Carbon tetrachloride	170	U	1.7	170
Benzene	5.6	J	1.7	170
1,2-Dichloroethane	170	U	1.7	170
Trichloroethene	590		1.7	170
1,2-Dichloropropane	170	U	1.7	170
Bromodichloromethane	170	U	1.7	170
cis-1,3-Dichloropropene	170	U	1.7	170
methyl isobutyl ketone	170	U	1.7	170
Toluene	14	J B U	1.7	170
trans-1,3-Dichloropropene	170	U	1.7	170
1,1,2-Trichloroethane	170	U	1.7	170
Tetrachloroethene	6100	E J	1.7	170
2-Hexanone	26	J	1.7	170
Dibromochloromethane	170	U	1.7	170
Chlorobenzene	170	U	1.7	170
Ethylbenzene	170	U	1.7	170
Styrene	170	U	1.7	170
Bromoform	170	U	1.7	170
1,1,2,2-Tetrachloroethane	170	U	1.7	170
Xylenes, Total	35	J	1.7	170
cis-1,2-Dichloroethene	290		1.7	170
trans-1,2-Dichloroethene	170	U	1.7	170
Dichlorodifluoromethane	170	U	1.7	170
Trichlorofluoromethane	170	U	1.7	170
1,1,2-Trichloro-1,2,2-trifluoroethane	170	U	1.7	170
Methyl tert-butyl ether	170	U	1.7	170
1,2-Dibromoethane	170	U	1.7	170
Isopropylbenzene	170	U	1.7	170
1,3-Dichlorobenzene	170	U	1.7	170
1,4-Dichlorobenzene	170	U	1.7	170
1,2-Dichlorobenzene	170	U	1.7	170
1,2-Dibromo-3-Chloropropane	170	U	1.7	170

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2551-1
Sdg Number: 220-2551

Client Sample ID: **VB3-25-15.8-19.8**

Lab Sample ID: 220-2551-1
Client Matrix: Solid
% Moisture: 41.3
Date Sampled: 08/28/2007 1030
Date Received: 08/29/2007 0930

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B
Dilution: 10
Date Analyzed: 08/31/2007 1157
Date Prepared: 08/31/2007 1157
Analysis Batch: 220-9005
Run Type: RA
Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O1068.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	170	U	1.7	170
Methyl acetate	170	U	1.7	170
Cyclohexane	170	U	1.7	170
Methylcyclohexane	170	U	1.7	170

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106	70 - 121
4-Bromofluorobenzene	102	59 - 113
Toluene-d8 (Surr)	104	84 - 138

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2551-1
Sdg Number: 220-2551

Client Sample ID: VB3-25-15.8-19.8 DL

Lab Sample ID: 220-2551-1
Client Matrix: Solid
% Moisture: 41.3

Date Sampled: 08/28/2007 1030
Date Received: 08/29/2007 0930

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B-Medium
Dilution: 1.0
Date Analyzed: 08/29/2007 1618
Date Prepared: 08/29/2007 1000

Analysis Batch: 220-8952
Prep Batch: 220-8950

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O1023.D
Initial Weight/Volume: 4 g
Final Weight/Volume: 10 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		2000	U	17	2000
Vinyl chloride		2000	U	17	2000
Bromomethane		2000	U	17	2000
Chloroethane		2000	U	17	2000
1,1-Dichloroethene		2000	U	17	2000
Carbon disulfide		2000	U	17	2000
Acetone		5900	J	17	2000
Methylene Chloride		48	J B U	17	2000
1,1-Dichloroethane		2000	U	17	2000
Methyl Ethyl Ketone		2000	J	17	2000
Chloroform		2000	U	17	2000
1,1,1-Trichloroethane		2000	U	17	2000
Carbon tetrachloride		2000	U	17	2000
Benzene		2000	U	17	2000
1,2-Dichloroethane		2000	U	17	2000
Trichloroethene		740	J	17	2000
1,2-Dichloropropane		2000	U	17	2000
Bromodichloromethane		2000	U	17	2000
cis-1,3-Dichloropropene		2000	U	17	2000
methyl isobutyl ketone		2000	U	17	2000
Toluene		2000	U	17	2000
trans-1,3-Dichloropropene		2000	U	17	2000
1,1,2-Trichloroethane		2000	U	17	2000
Tetrachloroethene		8200	B	17	2000
2-Hexanone		2000	U	17	2000
Dibromochloromethane		2000	U	17	2000
Chlorobenzene		2000	U	17	2000
Ethylbenzene		2000	U	17	2000
Styrene		2000	U	17	2000
Bromoform		2000	U	17	2000
1,1,2,2-Tetrachloroethane		2000	U	17	2000
Xylenes, Total		47	J	17	2000
cis-1,2-Dichloroethene		210	J	17	2000
trans-1,2-Dichloroethene		2000	U	17	2000
Dichlorodifluoromethane		2000	U	17	2000
Trichlorofluoromethane		2000	U	17	2000
1,1,2-Trichloro-1,2,2-trifluoroethane		2000	U	17	2000
Methyl tert-butyl ether		2000	U	17	2000
1,2-Dibromoethane		2000	U	17	2000
Isopropylbenzene		2000	U	17	2000
1,3-Dichlorobenzene		2000	U	17	2000
1,4-Dichlorobenzene		2000	U	17	2000
1,2-Dichlorobenzene		2000	U	17	2000
1,2-Dibromo-3-Chloropropane		2000	U	17	2000

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2551-1
Sdg Number: 220-2551

Client Sample ID: VB3-25-15.8-19.8 DL

Lab Sample ID: 220-2551-1
Client Matrix: Solid
% Moisture: 41.3
Date Sampled: 08/28/2007 1030
Date Received: 08/29/2007 0930

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B-Medium
Dilution: 1.0
Date Analyzed: 08/29/2007 1618
Date Prepared: 08/29/2007 1000
Analysis Batch: 220-8952
Prep Batch: 220-8950
Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O1023.D
Initial Weight/Volume: 4 g
Final Weight/Volume: 10 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		2000	U	17	2000
Methyl acetate		2000	U	17	2000
Cyclohexane		2000	U	17	2000
Methylcyclohexane		2000	U	17	2000

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	86	70 - 121
4-Bromofluorobenzene	96	59 - 113
Toluene-d8 (Surr)	95	84 - 138

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2551-1
Sdg Number: 220-2551

Client Sample ID: VB1-17-15.5-19.5

Lab Sample ID: 220-2551-2
Client Matrix: Solid
% Moisture: 41.4

Date Sampled: 08/28/2007 1200
Date Received: 08/29/2007 0930

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B
Dilution: 10
Date Analyzed: 08/31/2007 1247
Date Prepared: 08/31/2007 1247

Analysis Batch: 220-9005
Run Type: RA

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O1070.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		170	U	1.7	170
Vinyl chloride		170	U	1.7	170
Bromomethane		170	U	1.7	170
Chloroethane		170	U	1.7	170
1,1-Dichloroethene		170	U	1.7	170
Carbon disulfide		170	U	1.7	170
Acetone		5300	E B J	1.7	170
Methylene Chloride		34	J B U	1.7	170
1,1-Dichloroethane		170	U	1.7	170
Methyl Ethyl Ketone		2400		1.7	170
Chloroform		170	U	1.7	170
1,1,1-Trichloroethane		170	U	1.7	170
Carbon tetrachloride		170	U	1.7	170
Benzene		28	J	1.7	170
1,2-Dichloroethane		170	U	1.7	170
Trichloroethene		1400		1.7	170
1,2-Dichloropropane		170	U	1.7	170
Bromodichloromethane		170	U	1.7	170
cis-1,3-Dichloropropene		170	U	1.7	170
methyl isobutyl ketone		170	U	1.7	170
Toluene		57	J B	1.7	170
trans-1,3-Dichloropropene		170	U	1.7	170
1,1,2-Trichloroethane		170	U	1.7	170
Tetrachloroethene		13000	E J	1.7	170
2-Hexanone		39	J	1.7	170
Dibromochloromethane		170	U	1.7	170
Chlorobenzene		170	U	1.7	170
Ethylbenzene		3.0	J	1.7	170
Styrene		170	U	1.7	170
Bromoform		170	U	1.7	170
1,1,2,2-Tetrachloroethane		170	U	1.7	170
Xylenes, Total		48	J	1.7	170
cis-1,2-Dichloroethene		1400		1.7	170
trans-1,2-Dichloroethene		16	J	1.7	170
Dichlorodifluoromethane		170	U	1.7	170
Trichlorofluoromethane		170	U	1.7	170
1,1,2-Trichloro-1,2,2-trifluoroethane		170	U	1.7	170
Methyl tert-butyl ether		170	U	1.7	170
1,2-Dibromoethane		170	U	1.7	170
Isopropylbenzene		170	U	1.7	170
1,3-Dichlorobenzene		170	U	1.7	170
1,4-Dichlorobenzene		170	U	1.7	170
1,2-Dichlorobenzene		170	U	1.7	170
1,2-Dibromo-3-Chloropropane		170	U	1.7	170

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2551-1
Sdg Number: 220-2551

Client Sample ID: **VB1-17-15.5-19.5**

Lab Sample ID: 220-2551-2
Client Matrix: Solid
% Moisture: 41.4
Date Sampled: 08/28/2007 1200
Date Received: 08/29/2007 0930

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B
Dilution: 10
Date Analyzed: 08/31/2007 1247
Date Prepared: 08/31/2007 1247
Analysis Batch: 220-9005
Run Type: RA
Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O1070.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	170	U	1.7	170
Methyl acetate	170	U	1.7	170
Cyclohexane	170	U	1.7	170
Methylcyclohexane	170	U	1.7	170

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100	70 - 121
4-Bromofluorobenzene	98	59 - 113
Toluene-d8 (Surr)	101	84 - 138

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2551-1
Sdg Number: 220-2551

Client Sample ID: VB1-17-15.5-19.5 DL

Lab Sample ID: 220-2551-2
Client Matrix: Solid
% Moisture: 41.4

Date Sampled: 08/28/2007 1200
Date Received: 08/29/2007 0930

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B-Medium
Dilution: 1.0
Date Analyzed: 08/29/2007 1642
Date Prepared: 08/29/2007 1000

Analysis Batch: 220-8952
Prep Batch: 220-8950

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O1024.D
Initial Weight/Volume: 4 g
Final Weight/Volume: 10 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		2000	U	17	2000
Vinyl chloride		2000	U	17	2000
Bromomethane		2000	U	17	2000
Chloroethane		2000	U	17	2000
1,1-Dichloroethene		2000	U	17	2000
Carbon disulfide		2000	U	17	2000
Acetone		8100	J	17	2000
Methylene Chloride		47	J B U	17	2000
1,1-Dichloroethane		2000	U	17	2000
Methyl Ethyl Ketone		3500		17	2000
Chloroform		2000	U	17	2000
1,1,1-Trichloroethane		2000	U	17	2000
Carbon tetrachloride		2000	U	17	2000
Benzene		31	J	17	2000
1,2-Dichloroethane		2000	U	17	2000
Trichloroethene		3800		17	2000
1,2-Dichloropropane		2000	U	17	2000
Bromodichloromethane		2000	U	17	2000
cis-1,3-Dichloropropene		2000	U	17	2000
methyl isobutyl ketone		2000	U	17	2000
Toluene		160	J	17	2000
trans-1,3-Dichloropropene		2000	U	17	2000
1,1,2-Trichloroethane		2000	U	17	2000
Tetrachloroethene		96000	E B J	17	2000
2-Hexanone		2000	U	17	2000
Dibromochloromethane		2000	U	17	2000
Chlorobenzene		2000	U	17	2000
Ethylbenzene		2000	U	17	2000
Styrene		2000	U	17	2000
Bromoform		2000	U	17	2000
1,1,2,2-Tetrachloroethane		2000	U	17	2000
Xylenes, Total		240	J	17	2000
cis-1,2-Dichloroethene		1800	J	17	2000
trans-1,2-Dichloroethene		2000	U	17	2000
Dichlorodifluoromethane		2000	U	17	2000
Trichlorofluoromethane		2000	U	17	2000
1,1,2-Trichloro-1,2,2-trifluoroethane		2000	U	17	2000
Methyl tert-butyl ether		2000	U	17	2000
1,2-Dibromoethane		2000	U	17	2000
Isopropylbenzene		2000	U	17	2000
1,3-Dichlorobenzene		2000	U	17	2000
1,4-Dichlorobenzene		2000	U	17	2000
1,2-Dichlorobenzene		2000	U	17	2000
1,2-Dibromo-3-Chloropropane		2000	U	17	2000

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2551-1
Sdg Number: 220-2551

Client Sample ID: VB1-17-15.5-19.5 DL

Lab Sample ID: 220-2551-2
Client Matrix: Solid
% Moisture: 41.4

Date Sampled: 08/28/2007 1200
Date Received: 08/29/2007 0930

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B-Medium
Dilution: 1.0
Date Analyzed: 08/29/2007 1642
Date Prepared: 08/29/2007 1000

Analysis Batch: 220-8952
Prep Batch: 220-8950

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O1024.D
Initial Weight/Volume: 4 g
Final Weight/Volume: 10 mL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	2000	U	17	2000
Methyl acetate	2000	U	17	2000
Cyclohexane	2000	U	17	2000
Methylcyclohexane	2000	U	17	2000

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	85	70 - 121
4-Bromofluorobenzene	94	59 - 113
Toluene-d8 (Surr)	97	84 - 138

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2551-1
Sdg Number: 220-2551

Client Sample ID: VB1-17-15.5-19.5 DL2

Lab Sample ID: 220-2551-2
Client Matrix: Solid
% Moisture: 41.4
Date Sampled: 08/28/2007 1200
Date Received: 08/29/2007 0930

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B-Medium
Dilution: 4.0
Date Analyzed: 08/30/2007 1115
Date Prepared: 08/29/2007 1000
Analysis Batch: 220-8975
Prep Batch: 220-8950
Run Type: DL
Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O1039.D
Initial Weight/Volume: 4 g
Final Weight/Volume: 10 mL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane	8200	U	68	8200
Vinyl chloride	8200	U	68	8200
Bromomethane	8200	U	68	8200
Chloroethane	8200	U	68	8200
1,1-Dichloroethene	8200	U	68	8200
Carbon disulfide	8200	U	68	8200
Acetone	7700	J J	68	8200
Methylene Chloride	200	J B U	68	8200
1,1-Dichloroethane	8200	U	68	8200
Methyl Ethyl Ketone	8200	U	68	8200
Chloroform	8200	U	68	8200
1,1,1-Trichloroethane	8200	U	68	8200
Carbon tetrachloride	8200	U	68	8200
Benzene	8200	U	68	8200
1,2-Dichloroethane	8200	U	68	8200
Trichloroethene	4100	J	68	8200
1,2-Dichloropropane	8200	U	68	8200
Bromodichloromethane	8200	U	68	8200
cis-1,3-Dichloropropene	8200	U	68	8200
methyl isobutyl ketone	8200	U	68	8200
Toluene	150	J	68	8200
trans-1,3-Dichloropropene	8200	U	68	8200
1,1,2-Trichloroethane	8200	U	68	8200
Tetrachloroethene	98000		68	8200
2-Hexanone	8200	U	68	8200
Dibromochloromethane	8200	U	68	8200
Chlorobenzene	8200	U	68	8200
Ethylbenzene	8200	U	68	8200
Styrene	8200	U	68	8200
Bromoform	8200	U	68	8200
1,1,2,2-Tetrachloroethane	8200	U	68	8200
Xylenes, Total	220	J	68	8200
cis-1,2-Dichloroethene	1800	J	68	8200
trans-1,2-Dichloroethene	8200	U	68	8200
Dichlorodifluoromethane	8200	U	68	8200
Trichlorofluoromethane	8200	U	68	8200
1,1,2-Trichloro-1,2,2-trifluoroethane	8200	U	68	8200
Methyl tert-butyl ether	8200	U	68	8200
1,2-Dibromoethane	8200	U	68	8200
Isopropylbenzene	8200	U	68	8200
1,3-Dichlorobenzene	8200	U	68	8200
1,4-Dichlorobenzene	8200	U	68	8200
1,2-Dichlorobenzene	8200	U	68	8200
1,2-Dibromo-3-Chloropropane	8200	U	68	8200

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2551-1
Sdg Number: 220-2551

Client Sample ID: VB1-17-15.5-19.5 DL2

Lab Sample ID: 220-2551-2
Client Matrix: Solid
% Moisture: 41.4

Date Sampled: 08/28/2007 1200
Date Received: 08/29/2007 0930

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B-Medium
Dilution: 4.0
Date Analyzed: 08/30/2007 1115
Date Prepared: 08/29/2007 1000

Analysis Batch: 220-8975
Prep Batch: 220-8950
Run Type: DL

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O1039.D
Initial Weight/Volume: 4 g
Final Weight/Volume: 10 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		8200	U	68	8200
Methyl acetate		8200	U	68	8200
Cyclohexane		8200	U	68	8200
Methylcyclohexane		8200	U	68	8200

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96	70 - 121
4-Bromofluorobenzene	97	59 - 113
Toluene-d8 (Surr)	97	84 - 138

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2551-1
Sdg Number: 220-2551

Client Sample ID: **VB1-14-18.1-22.1**

Lab Sample ID: 220-2551-3
Client Matrix: Solid
% Moisture: 35.7

Date Sampled: 08/28/2007 1300
Date Received: 08/29/2007 0930

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B
Dilution: 10
Date Analyzed: 08/31/2007 1222
Date Prepared: 08/31/2007 1222

Analysis Batch: 220-9005
Run Type: RA

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O1069.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane	160	U	1.6	160
Vinyl chloride	160	U	1.6	160
Bromomethane	160	U	1.6	160
Chloroethane	160	U	1.6	160
1,1-Dichloroethene	160	U	1.6	160
Carbon disulfide	160	U	1.6	160
Acetone	8200	E B J	1.6	160
Methylene Chloride	32	J B U	1.6	160
1,1-Dichloroethane	160	U	1.6	160
Methyl Ethyl Ketone	3500	E J	1.6	160
Chloroform	160	U	1.6	160
1,1,1-Trichloroethane	160	U	1.6	160
Carbon tetrachloride	160	U	1.6	160
Benzene	3.5	J	1.6	160
1,2-Dichloroethane	160	U	1.6	160
Trichloroethene	230		1.6	160
1,2-Dichloropropane	160	U	1.6	160
Bromodichloromethane	160	U	1.6	160
cis-1,3-Dichloropropene	160	U	1.6	160
methyl isobutyl ketone	160	U	1.6	160
Toluene	25	J B U	1.6	160
trans-1,3-Dichloropropene	160	U	1.6	160
1,1,2-Trichloroethane	160	U	1.6	160
Tetrachloroethene	7800	E J	1.6	160
2-Hexanone	42	J	1.6	160
Dibromochloromethane	160	U	1.6	160
Chlorobenzene	160	U	1.6	160
Ethylbenzene	160	U	1.6	160
Styrene	160	U	1.6	160
Bromoform	160	U	1.6	160
1,1,2,2-Tetrachloroethane	160	U	1.6	160
Xylenes, Total	32	J	1.6	160
cis-1,2-Dichloroethene	83	J	1.6	160
trans-1,2-Dichloroethene	160	U	1.6	160
Dichlorodifluoromethane	160	U	1.6	160
Trichlorofluoromethane	160	U	1.6	160
1,1,2-Trichloro-1,2,2-trifluoroethane	160	U	1.6	160
Methyl tert-butyl ether	160	U	1.6	160
1,2-Dibromoethane	160	U	1.6	160
Isopropylbenzene	160	U	1.6	160
1,3-Dichlorobenzene	160	U	1.6	160
1,4-Dichlorobenzene	160	U	1.6	160
1,2-Dichlorobenzene	160	U	1.6	160
1,2-Dibromo-3-Chloropropane	160	U	1.6	160

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2551-1
Sdg Number: 220-2551

Client Sample ID: **VB1-14-18.1-22.1**

Lab Sample ID: 220-2551-3
Client Matrix: Solid
% Moisture: 35.7
Date Sampled: 08/28/2007 1300
Date Received: 08/29/2007 0930

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B
Dilution: 10
Date Analyzed: 08/31/2007 1222
Date Prepared: 08/31/2007 1222
Analysis Batch: 220-9005
Run Type: RA
Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O1069.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	160	U	1.6	160
Methyl acetate	160	U	1.6	160
Cyclohexane	160	U	1.6	160
Methylcyclohexane	160	U	1.6	160

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103	70 - 121
4-Bromofluorobenzene	102	59 - 113
Toluene-d8 (Surr)	103	84 - 138

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2551-1
Sdg Number: 220-2551

Client Sample ID: VB1-14-18.1-22.1DL

Lab Sample ID: 220-2551-3
Client Matrix: Solid
% Moisture: 35.7

Date Sampled: 08/28/2007 1300
Date Received: 08/29/2007 0930

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B-Medium
Dilution: 1.0
Date Analyzed: 08/29/2007 1706
Date Prepared: 08/29/2007 1000

Analysis Batch: 220-8952
Prep Batch: 220-8950

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O1025.D
Initial Weight/Volume: 4 g
Final Weight/Volume: 10 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		1900	U	16	1900
Vinyl chloride		1900	U	16	1900
Bromomethane		1900	U	16	1900
Chloroethane		1900	U	16	1900
1,1-Dichloroethene		1900	U	16	1900
Carbon disulfide		1900	U	16	1900
Acetone		13000	J	16	1900
Methylene Chloride		69	J B U	16	1900
1,1-Dichloroethane		1900	U	16	1900
Methyl Ethyl Ketone		5600		16	1900
Chloroform		1900	U	16	1900
1,1,1-Trichloroethane		1900	U	16	1900
Carbon tetrachloride		1900	U	16	1900
Benzene		1900	U	16	1900
1,2-Dichloroethane		1900	U	16	1900
Trichloroethene		700	J	16	1900
1,2-Dichloropropane		1900	U	16	1900
Bromodichloromethane		1900	U	16	1900
cis-1,3-Dichloropropene		1900	U	16	1900
methyl isobutyl ketone		1900	U	16	1900
Toluene		57	J	16	1900
trans-1,3-Dichloropropene		1900	U	16	1900
1,1,2-Trichloroethane		1900	U	16	1900
Tetrachloroethene		46000	E B J	16	1900
2-Hexanone		1900	U	16	1900
Dibromochloromethane		1900	U	16	1900
Chlorobenzene		1900	U	16	1900
Ethylbenzene		1900	U	16	1900
Styrene		1900	U	16	1900
Bromoform		1900	U	16	1900
1,1,2,2-Tetrachloroethane		1900	U	16	1900
Xylenes, Total		130	J	16	1900
cis-1,2-Dichloroethene		120	J	16	1900
trans-1,2-Dichloroethene		1900	U	16	1900
Dichlorodifluoromethane		1900	U	16	1900
Trichlorofluoromethane		1900	U	16	1900
1,1,2-Trichloro-1,2,2-trifluoroethane		1900	U	16	1900
Methyl tert-butyl ether		1900	U	16	1900
1,2-Dibromoethane		1900	U	16	1900
Isopropylbenzene		1900	U	16	1900
1,3-Dichlorobenzene		1900	U	16	1900
1,4-Dichlorobenzene		1900	U	16	1900
1,2-Dichlorobenzene		1900	U	16	1900
1,2-Dibromo-3-Chloropropane		1900	U	16	1900

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2551-1
Sdg Number: 220-2551

Client Sample ID: VB1-14-18.1-22.1 DL

Lab Sample ID: 220-2551-3
Client Matrix: Solid
% Moisture: 35.7

Date Sampled: 08/28/2007 1300
Date Received: 08/29/2007 0930

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B-Medium
Dilution: 1.0
Date Analyzed: 08/29/2007 1706
Date Prepared: 08/29/2007 1000

Analysis Batch: 220-8952
Prep Batch: 220-8950

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O1025.D
Initial Weight/Volume: 4 g
Final Weight/Volume: 10 mL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	1900	U	16	1900
Methyl acetate	1900	U	16	1900
Cyclohexane	1900	U	16	1900
Methylcyclohexane	1900	U	16	1900

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91	70 - 121
4-Bromofluorobenzene	89	59 - 113
Toluene-d8 (Surr)	97	84 - 138

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2551-1
Sdg Number: 220-2551

Client Sample ID: VB1-14-18.1-22.1 DL2

Lab Sample ID: 220-2551-3
Client Matrix: Solid
% Moisture: 35.7

Date Sampled: 08/28/2007 1300
Date Received: 08/29/2007 0930

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B-Medium
Dilution: 2.0
Date Analyzed: 08/30/2007 1139
Date Prepared: 08/29/2007 1000

Analysis Batch: 220-8975
Prep Batch: 220-8950
Run Type: DL

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O1040.D
Initial Weight/Volume: 4 g
Final Weight/Volume: 10 mL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane	3700	U	31	3700
Vinyl chloride	3700	U	31	3700
Bromomethane	3700	U	31	3700
Chloroethane	3700	U	31	3700
1,1-Dichloroethene	3700	U	31	3700
Carbon disulfide	3700	U	31	3700
Acetone	15000	J	31	3700
Methylene Chloride	98	J-B → U	31	3700
1,1-Dichloroethane	3700	U	31	3700
Methyl Ethyl Ketone	5600	J	31	3700
Chloroform	3700	U	31	3700
1,1,1-Trichloroethane	3700	U	31	3700
Carbon tetrachloride	3700	U	31	3700
Benzene	3700	U	31	3700
1,2-Dichloroethane	3700	U	31	3700
Trichloroethene	790	J	31	3700
1,2-Dichloropropane	3700	U	31	3700
Bromodichloromethane	3700	U	31	3700
cis-1,3-Dichloropropene	3700	U	31	3700
methyl isobutyl ketone	3700	U	31	3700
Toluene	54	J	31	3700
trans-1,3-Dichloropropene	3700	U	31	3700
1,1,2-Trichloroethane	3700	U	31	3700
Tetrachloroethene	49000		31	3700
2-Hexanone	3700	U	31	3700
Dibromochloromethane	3700	U	31	3700
Chlorobenzene	3700	U	31	3700
Ethylbenzene	3700	U	31	3700
Styrene	3700	U	31	3700
Bromoform	3700	U	31	3700
1,1,2,2-Tetrachloroethane	3700	U	31	3700
Xylenes, Total	100	J	31	3700
cis-1,2-Dichloroethene	3700	U	31	3700
trans-1,2-Dichloroethene	3700	U	31	3700
Dichlorodifluoromethane	3700	U	31	3700
Trichlorofluoromethane	3700	U	31	3700
1,1,2-Trichloro-1,2,2-trifluoroethane	3700	U	31	3700
Methyl tert-butyl ether	3700	U	31	3700
1,2-Dibromoethane	3700	U	31	3700
Isopropylbenzene	3700	U	31	3700
1,3-Dichlorobenzene	3700	U	31	3700
1,4-Dichlorobenzene	3700	U	31	3700
1,2-Dichlorobenzene	3700	U	31	3700
1,2-Dibromo-3-Chloropropane	3700	U	31	3700

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2551-1
Sdg Number: 220-2551

Client Sample ID: **VB1-14-18.1-22.1 DL2**

Lab Sample ID: 220-2551-3
Client Matrix: Solid
% Moisture: 35.7

Date Sampled: 08/28/2007 1300
Date Received: 08/29/2007 0930

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B-Medium
Dilution: 2.0
Date Analyzed: 08/30/2007 1139
Date Prepared: 08/29/2007 1000

Analysis Batch: 220-8975
Prep Batch: 220-8950
Run Type: DL

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O1040.D
Initial Weight/Volume: 4 g
Final Weight/Volume: 10 mL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	3700	U	31	3700
Methyl acetate	3700	U	31	3700
Cyclohexane	3700	U	31	3700
Methylcyclohexane	3700	U	31	3700

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90	70 - 121
4-Bromofluorobenzene	100	59 - 113
Toluene-d8 (Surr)	98	84 - 138

ALPHA
GEOSCIENCE
Geology
Hydrology
Remediation
Water Supply

Data Usability Summary Report for
Test America, Buffalo, Job No. A07-9990
Subcontracted to Test America, Connecticut
as SDG No. 220-2599-1

2 Soil Samples
Collected September 4, 2007

Prepared by: Donald Anné
October 8, 2007

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contains the results for 2 soil samples analyzed for volatiles.

The overall performances of the analyses are acceptable. Test America, Connecticut did fulfill the requirements of the analytical method.

The data are acceptable with some minor issues that are identified in the accompanying data validation review. The following data were flagged:

- Positive volatile results for methylene chloride were flagged as "not detected" (U) in both soil samples and the dilutions because the levels reported in the samples were not significantly greater (more than 10 times) than the associated method blank level.

- The positive volatile result for toluene was flagged as "not detected" (U) in sample VB1-3-5.5-9.5 because the level reported in the sample was not significantly greater (more than 5 times) than the associated method blank level.

- Volatile results for 3 volatile compounds in sample VB1-17-15.6-19.5 and results for 2 volatile compounds in sample VB1-3-5.5-9.5 were quantitated using data that were extrapolated beyond the highest calibration standard and flagged "E" by the laboratory. The results for these compounds were qualified as estimated (J) in the undiluted samples. It is recommended that the diluted results be used for those compounds.

All data are considered usable, with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation review.

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ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Volatiles Data for
Test America, Buffalo, Job No. A07-9990
Subcontracted to Test America, Connecticut
as Job No. 220-2599-1

2 Soil Samples
Collected September 4, 2007

Prepared by: Donald Anné
October 8, 2007

Holding Times: Samples were analyzed within NYSDEC ASP holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The RRFs for 1,2,4-trichlorobenzene (0.170 and 0.197) were below the ASP minimum (0.200) for MSO on 08-23-07. No action is taken on two or fewer compounds per calibration outside ASP requirements, provided %RSDs are not greater than 40% and RRFs are not less than 0.010.

The average RRFs for target compounds were above the allowable minimum (0.050) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The %D for bromofluorobenzene (27.1%) was above the ASP maximum (25%) on 09-05-07 (O1106). The %Ds for bromoform (28.4%) and bromofluorobenzene (35.0%) were above the ASP maximum (25%) on 09-09-07 (O1194). No action is taken on two or fewer compounds per calibration outside ASP requirements, provided %Ds are not greater than 40% and RRF50s are not less than 0.010.

The RRF50s for target compounds were above the allowable minimum (0.050), as required.

The %Ds for dichlorodifluoromethane (29.9%), chloroethane (34.3%), trichlorofluoromethane (36.0%), and bromoform (28.4%) were above the allowable maximum (25%) on 09-09-07 (O1194). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: Method blank MB 220-9158/2 contained traces of acetone (3.1 ug/kg), methylene chloride (3.1 ug/kg), and toluene (0.28 ug/kg). Method blank MB 220-9081/2 contained a trace of methylene chloride (31 ug/kg). Results for acetone and methylene chloride that are less than ten times the method blank level should be reported as not detected (U) in associated

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samples. Results for toluene that are less than five times the method blank level should be reported as not detected (U) in associated samples.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Surrogate Recovery: The surrogate recoveries were within control limits for environmental samples.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences were below the allowable maximums and the percent recoveries were within control limits for MS/MSD sample VB1-17-15.5-19.5.

Laboratory Control Sample: The percent recoveries were within QC limits for samples LCS 220-9081/8, MSB 220-9081/7, and LCS 220-9158/2.

Compound ID: Checked compounds were within GC/MS quantitation and qualitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

The results for 3 volatile compounds in sample VB1-17-15.6-19.5 and results for 2 volatile compounds in sample VB1-3-5.5-9.5 were quantitated by extrapolating data above the highest calibration standard and marked 'E' by the laboratory. The samples were diluted by the laboratory and re-analyzed; therefore, the results for these compounds that are flagged as 'E' in the undiluted samples should be considered estimated (J) and the use of the diluted results for these compounds is recommended. It is recommended that the undiluted results be used for all other compounds.

SAMPLE SUMMARY

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2599-1
Sdg Number: 220-2599

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
220-2599-1	VB1-17-15.5-19.5	Solid	09/04/2007 1120	09/05/2007 0945
220-2599-2	VB1-3-5.5-9.5	Solid	09/04/2007 1350	09/05/2007 0945

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2599-1
Sdg Number: 220-2599

Client Sample ID: **VB1-17-15.5-19.5**

Lab Sample ID: 220-2599-1
Client Matrix: Solid
% Moisture: 41.5

Date Sampled: 09/04/2007 1120
Date Received: 09/05/2007 0945

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B
Dilution: 10
Date Analyzed: 09/09/2007 1814
Date Prepared: 09/09/2007 1814

Analysis Batch: 220-9158
Run Type: RA

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O1198.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane	170	U	1.7	170
Vinyl chloride	170	U	1.7	170
Bromomethane	170	U	1.7	170
Chloroethane	170	U	1.7	170
1,1-Dichloroethene	170	U	1.7	170
Carbon disulfide	170	U	1.7	170
Acetone	7600	E B J	1.7	170
Methylene Chloride	130	J B U	1.7	170
1,1-Dichloroethane	170	U	1.7	170
Methyl Ethyl Ketone	4300	E J	1.7	170
Chloroform	170	U	1.7	170
1,1,1-Trichloroethane	170	U	1.7	170
Carbon tetrachloride	170	U	1.7	170
Benzene	5.3	J	1.7	170
1,2-Dichloroethane	170	U	1.7	170
Trichloroethene	770		1.7	170
1,2-Dichloropropane	170	U	1.7	170
Bromodichloromethane	170	U	1.7	170
cis-1,3-Dichloropropene	170	U	1.7	170
methyl isobutyl ketone	170	U	1.7	170
Toluene	40	J B	1.7	170
trans-1,3-Dichloropropene	170	U	1.7	170
1,1,2-Trichloroethane	170	U	1.7	170
Tetrachloroethene	9900	E J	1.7	170
2-Hexanone	62	J	1.7	170
Dibromochloromethane	170	U	1.7	170
Chlorobenzene	170	U	1.7	170
Ethylbenzene	170	U	1.7	170
Styrene	170	U	1.7	170
Bromoform	170	U	1.7	170
1,1,2,2-Tetrachloroethane	170	U	1.7	170
Xylenes, Total	74	J	1.7	170
cis-1,2-Dichloroethene	870		1.7	170
trans-1,2-Dichloroethene	6.6	J	1.7	170
Dichlorodifluoromethane	170	U	1.7	170
Trichlorofluoromethane	170	U	1.7	170
1,1,2-Trichloro-1,2,2-trifluoroethane	170	U	1.7	170
Methyl tert-butyl ether	170	U	1.7	170
1,2-Dibromoethane	170	U	1.7	170
Isopropylbenzene	170	U	1.7	170
1,3-Dichlorobenzene	170	U	1.7	170
1,4-Dichlorobenzene	170	U	1.7	170
1,2-Dichlorobenzene	170	U	1.7	170
1,2-Dibromo-3-Chloropropane	170	U	1.7	170

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2599-1
Sdg Number: 220-2599

Client Sample ID: **VB1-17-15.5-19.5**

Lab Sample ID: 220-2599-1
Client Matrix: Solid
% Moisture: 41.5

Date Sampled: 09/04/2007 1120
Date Received: 09/05/2007 0945

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B
Dilution: 10
Date Analyzed: 09/09/2007 1814
Date Prepared: 09/09/2007 1814

Analysis Batch: 220-9158
Run Type: RA

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O1198.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	170	U	1.7	170
Methyl acetate	170	U	1.7	170
Cyclohexane	170	U	1.7	170
Methylcyclohexane	170	U	1.7	170

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105	70 - 121
4-Bromofluorobenzene	98	59 - 113
Toluene-d8 (Surr)	103	84 - 138

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2599-1
Sdg Number: 220-2599

Client Sample ID: VB1-17-15.5-19.5 DL

Lab Sample ID: 220-2599-1
Client Matrix: Solid
% Moisture: 41.5

Date Sampled: 09/04/2007 1120
Date Received: 09/05/2007 0945

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B-Medium
Dilution: 1.0
Date Analyzed: 09/05/2007 1233
Date Prepared: 09/05/2007 0800

Analysis Batch: 220-9081
Prep Batch: 220-9077

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O1112.D
Initial Weight/Volume: 4 g
Final Weight/Volume: 10 mL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane	2100	U	17	2100
Vinyl chloride	2100	U	17	2100
Bromomethane	2100	U	17	2100
Chloroethane	2100	U	17	2100
1,1-Dichloroethene	2100	U	17	2100
Carbon disulfide	2100	U	17	2100
Acetone	15000		17	2100
Methylene Chloride	240	J B U	17	2100
1,1-Dichloroethane	2100	U	17	2100
Methyl Ethyl Ketone	5200		17	2100
Chloroform	2100	U	17	2100
1,1,1-Trichloroethane	2100	U	17	2100
Carbon tetrachloride	2100	U	17	2100
Benzene	2100	U	17	2100
1,2-Dichloroethane	2100	U	17	2100
Trichloroethene	930	J	17	2100
1,2-Dichloropropane	2100	U	17	2100
Bromodichloromethane	2100	U	17	2100
cis-1,3-Dichloropropene	2100	U	17	2100
methyl isobutyl ketone	2100	U	17	2100
Toluene	45	J	17	2100
trans-1,3-Dichloropropene	2100	U	17	2100
1,1,2-Trichloroethane	2100	U	17	2100
Tetrachloroethene	17000		17	2100
2-Hexanone	2100	U	17	2100
Dibromochloromethane	2100	U	17	2100
Chlorobenzene	2100	U	17	2100
Ethylbenzene	2100	U	17	2100
Styrene	2100	U	17	2100
Bromoform	2100	U	17	2100
1,1,2,2-Tetrachloroethane	2100	U	17	2100
Xylenes, Total	120	J	17	2100
cis-1,2-Dichloroethene	870	J	17	2100
trans-1,2-Dichloroethene	2100	U	17	2100
Dichlorodifluoromethane	2100	U	17	2100
Trichlorofluoromethane	2100	U	17	2100
1,1,2-Trichloro-1,2,2-trifluoroethane	2100	U	17	2100
Methyl tert-butyl ether	2100	U	17	2100
1,2-Dibromoethane	2100	U	17	2100
Isopropylbenzene	2100	U	17	2100
1,3-Dichlorobenzene	2100	U	17	2100
1,4-Dichlorobenzene	2100	U	17	2100
1,2-Dichlorobenzene	2100	U	17	2100
1,2-Dibromo-3-Chloropropane	2100	U	17	2100

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2599-1
Sdg Number: 220-2599

Client Sample ID: VB1-17-15.5-19.5 DL

Lab Sample ID: 220-2599-1
Client Matrix: Solid
% Moisture: 41.5

Date Sampled: 09/04/2007 1120
Date Received: 09/05/2007 0945

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B-Medium
Dilution: 1.0
Date Analyzed: 09/05/2007 1233
Date Prepared: 09/05/2007 0800

Analysis Batch: 220-9081
Prep Batch: 220-9077

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O1112.D
Initial Weight/Volume: 4 g
Final Weight/Volume: 10 mL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	2100	U	17	2100
Methyl acetate	2100	U	17	2100
Cyclohexane	2100	U	17	2100
Methylcyclohexane	2100	U	17	2100

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99	70 - 121
4-Bromofluorobenzene	104	59 - 113
Toluene-d8 (Surr)	106	84 - 138

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2599-1
Sdg Number: 220-2599

Client Sample ID: **VB1-3-5.5-9.5**

Lab Sample ID: 220-2599-2
Client Matrix: Solid
% Moisture: 56.8

Date Sampled: 09/04/2007 1350
Date Received: 09/05/2007 0945

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B
Dilution: 10
Date Analyzed: 09/09/2007 1839
Date Prepared: 09/09/2007 1839

Analysis Batch: 220-9158
Run Type: RA

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O1199.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane	230	U	2.3	230
Vinyl chloride	22	J	2.3	230
Bromomethane	230	U	2.3	230
Chloroethane	230	U	2.3	230
1,1-Dichloroethene	230	U	2.3	230
Carbon disulfide	230	U	2.3	230
Acetone	4300	B	2.3	230
Methylene Chloride	170	J B U	2.3	230
1,1-Dichloroethane	230	U	2.3	230
Methyl Ethyl Ketone	1300		2.3	230
Chloroform	230	U	2.3	230
1,1,1-Trichloroethane	230	U	2.3	230
Carbon tetrachloride	230	U	2.3	230
Benzene	4.2	J	2.3	230
1,2-Dichloroethane	230	U	2.3	230
Trichloroethene	6300	E J	2.3	230
1,2-Dichloropropane	230	U	2.3	230
Bromodichloromethane	230	U	2.3	230
cis-1,3-Dichloropropene	230	U	2.3	230
methyl isobutyl ketone	230	U	2.3	230
Toluene	21	J B U	2.3	230
trans-1,3-Dichloropropene	230	U	2.3	230
1,1,2-Trichloroethane	230	U	2.3	230
Tetrachloroethene	13000	E J	2.3	230
2-Hexanone	230	U	2.3	230
Dibromochloromethane	230	U	2.3	230
Chlorobenzene	230	U	2.3	230
Ethylbenzene	11	J	2.3	230
Styrene	230	U	2.3	230
Bromoform	230	U	2.3	230
1,1,2,2-Tetrachloroethane	230	U	2.3	230
Xylenes, Total	51	J	2.3	230
cis-1,2-Dichloroethene	1100		2.3	230
trans-1,2-Dichloroethene	22	J	2.3	230
Dichlorodifluoromethane	230	U	2.3	230
Trichlorofluoromethane	230	U	2.3	230
1,1,2-Trichloro-1,2,2-trifluoroethane	230	U	2.3	230
Methyl tert-butyl ether	230	U	2.3	230
1,2-Dibromoethane	230	U	2.3	230
Isopropylbenzene	230	U	2.3	230
1,3-Dichlorobenzene	230	U	2.3	230
1,4-Dichlorobenzene	230	U	2.3	230
1,2-Dichlorobenzene	230	U	2.3	230
1,2-Dibromo-3-Chloropropane	230	U	2.3	230

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2599-1
Sdg Number: 220-2599

Client Sample ID: **VB1-3-5.5-9.5**

Lab Sample ID: 220-2599-2
Client Matrix: Solid
% Moisture: 56.8

Date Sampled: 09/04/2007 1350
Date Received: 09/05/2007 0945

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B
Dilution: 10
Date Analyzed: 09/09/2007 1839
Date Prepared: 09/09/2007 1839

Analysis Batch: 220-9158
Run Type: RA

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O1199.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	230	U	2.3	230
Methyl acetate	230	U	2.3	230
Cyclohexane	230	U	2.3	230
Methylcyclohexane	230	U	2.3	230

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102	70 - 121
4-Bromofluorobenzene	103	59 - 113
Toluene-d8 (Surr)	102	84 - 138

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2599-1
Sdg Number: 220-2599

Client Sample ID: VB1-3-5.5-9.5 DL

Lab Sample ID: 220-2599-2
Client Matrix: Solid % Moisture: 56.8

Date Sampled: 09/04/2007 1350
Date Received: 09/05/2007 0945

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B-Medium
Dilution: 1.0
Date Analyzed: 09/05/2007 1305
Date Prepared: 09/05/2007 0800

Analysis Batch: 220-9081
Prep Batch: 220-9077

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O1113.D
Initial Weight/Volume: 4 g
Final Weight/Volume: 10 mL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane	2800	U	23	2800
Vinyl chloride	2800	U	23	2800
Bromomethane	2800	U	23	2800
Chloroethane	2800	U	23	2800
1,1-Dichloroethene	2800	U	23	2800
Carbon disulfide	2800	U	23	2800
Acetone	7400		23	2800
Methylene Chloride	300	J B U	23	2800
1,1-Dichloroethane	2800	U	23	2800
Methyl Ethyl Ketone	2800	U	23	2800
Chloroform	2800	U	23	2800
1,1,1-Trichloroethane	2800	U	23	2800
Carbon tetrachloride	2800	U	23	2800
Benzene	2800	U	23	2800
1,2-Dichloroethane	2800	U	23	2800
Trichloroethene	7200		23	2800
1,2-Dichloropropane	2800	U	23	2800
Bromodichloromethane	2800	U	23	2800
cis-1,3-Dichloropropene	2800	U	23	2800
methyl isobutyl ketone	2800	U	23	2800
Toluene	2800	U	23	2800
trans-1,3-Dichloropropene	2800	U	23	2800
1,1,2-Trichloroethane	2800	U	23	2800
Tetrachloroethene	16000		23	2800
2-Hexanone	2800	U	23	2800
Dibromochloromethane	2800	U	23	2800
Chlorobenzene	2800	U	23	2800
Ethylbenzene	2800	U	23	2800
Styrene	2800	U	23	2800
Bromoform	2800	U	23	2800
1,1,2,2-Tetrachloroethane	2800	U	23	2800
Xylenes, Total	2800	U	23	2800
cis-1,2-Dichloroethene	770	J	23	2800
trans-1,2-Dichloroethene	2800	U	23	2800
Dichlorodifluoromethane	2800	U	23	2800
Trichlorofluoromethane	2800	U	23	2800
1,1,2-Trichloro-1,2,2-trifluoroethane	2800	U	23	2800
Methyl tert-butyl ether	2800	U	23	2800
1,2-Dibromoethane	2800	U	23	2800
Isopropylbenzene	2800	U	23	2800
1,3-Dichlorobenzene	2800	U	23	2800
1,4-Dichlorobenzene	2800	U	23	2800
1,2-Dichlorobenzene	2800	U	23	2800
1,2-Dibromo-3-Chloropropane	2800	U	23	2800

Client: TestAmerica Laboratories, Inc.

Job Number: 220-2599-1
Sdg Number: 220-2599

Client Sample ID: VB1-3-5.5-9.5 DL

Lab Sample ID: 220-2599-2
Client Matrix: Solid

% Moisture: 56.8

Date Sampled: 09/04/2007 1350
Date Received: 09/05/2007 0945

OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol
Preparation: 5030B-Medium
Dilution: 1.0
Date Analyzed: 09/05/2007 1305
Date Prepared: 09/05/2007 0800

Analysis Batch: 220-9081
Prep Batch: 220-9077

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: O1113.D
Initial Weight/Volume: 4 g
Final Weight/Volume: 10 mL

Analyte	DryWt Corrected: Y Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	2800	U	23	2800
Methyl acetate	2800	U	23	2800
Cyclohexane	2800	U	23	2800
Methylcyclohexane	2800	U	23	2800

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91	70 - 121
4-Bromofluorobenzene	90	59 - 113
Toluene-d8 (Surr)	94	84 - 138