

**Remedial Investigation and  
Remedial Alternatives Analysis Report  
(Volume 5 of 5)**

**Midler City Industrial Park Site  
Brownfield Cleanup**

City of Syracuse  
Onondaga County, New York

**NYSDEC BROWNFIELD SITE # C734103**

Prepared for  
**Pioneer Midler Avenue, LLC**

By



C&S Engineers, Inc.  
499 Col. Eileen Collins Blvd.  
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December 2007

**Midler City Industrial Park Site  
Remedial Investigation and Remedial Alternatives Analysis Report**

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	Environmental Boring Logs
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Appendix B	Historic and Supplemental Investigations (Bound with Volume 1 of 5)

Hydraulic Conductivity Test Data  
GeoLogic Groundwater and Contaminant Flow Report  
July 2004 Preliminary Site Investigation Report  
Independent Geochemistry and Microbiology Investigations  
Appendix C Data Usability Summary Reports (DUSRs) - (Bound Separately, Volumes 3, 4  
and 5 of 5)

**APPENDIX C**  
**DATA USABILITY SUMMARY REPORTS**  
**(VOLUME 5 OF 5)**

# Data Validation Services

120 Cobble Creek Road P. O. Box 208

North Creek, N. Y. 12853

Phone 518-251-4429

Facsimile 518-251-4428

September 29, 2006

Rory Woodmansee  
C&S Engineers  
499 Col. Eileen Collins Blvd.  
Syracuse, NY 13212

RE: **Data Usability Summary Report for the Pioneer Midler site**  
STL-Buffalo Package Nos. A06-2318, A06-2322/2372, A06-2537, A06-2623, A06-2747,  
A06-4279, A06-4487, and A06-4974

Dear Mr. Woodmansee:

Review has been completed for the data packages generated by Severn Trent Laboratories, Inc. (STL) that pertain to samples collected 2/27/06 through 5/04/06 at the Pioneer Midler site. Eighty-six soil samples and eighteen aqueous samples (including one re-sample) were processed for TCL Volatiles. Five additional soil samples were analyzed for TCL and STARS volatiles, TCL and STARS semivolatiles, TCL PCBs, and TAL Metals (without cyanide), two soils were processed for TCL PCBs and TAL metals, and one soil sample was analyzed for TCL and STARS semivolatiles and TCL PCBs. Sample matrix spikes and a trip blanks were also processed. Methodologies utilized were the 2000 NYSDEC ASP CLP.

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 primarily 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 NYSDEC Sample Identification and Analytical Requirement Summary Forms and laboratory case narratives are attached to this text. 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.

### **Chain-of-Custody**

Two of the samples collected 3-13-06 were not processed for the analytes requested on the custody (semivolatiles and PCBs), but were processed instead for metals and PCBs. There is no documentation or discussion in the data package pertaining to this issue.

Many of the samples were received by the laboratory more than two days after collection. The cooler temperatures were acceptable at receipt, and both contract and technical holding times were met. Unless specifically noted in this report, sample results are not affected.

### **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 technical holding time for DAW-4-13.5-14.5 was exceeded by two days. The sample was not received until six days after collection. The results for that sample are therefore qualified as estimated with a low bias.

Only the medium level results for GPB1-9-14-17.5 should be used, as large variances were observed between low and medium detected analyte values in the sample. This indicates incomplete purging efficiency in the low level analysis.

Ten samples show inconsistent results (variances of about twofold) between the quantitative values of detected compounds in the initial and dilution analyses. The reason for this variance is not evident. For the affected sample analytes, the higher of the two determined values has been used, and qualified as estimated.

The low level soil matrix spikes (MSs) of GP3-13-10-14, GP3-1-14-18, GPB5-3-6-10, GPCS-5-2-4, GPB3-19-14-18, and MW13D-14 16, the medium level soil matrix spikes of GP3-9-14-18, GPB1-7-14-18, GPB3-16-6-10, GPCS-1-4.8-10, and GPB3-18-6-10, and the aqueous matrix spikes of MW-2 and MW-3D show acceptable accuracy and precision, with the exception of three slightly low recoveries in one of the spikes of GPCS-5-2-4 and one elevated duplicate correlation in MW-13D-14-16. No qualification is made.

The MSs of GPB1-5-14-17 were mis-spiked with the spiking solution, resulting in severe failures not noticed at that time; they were not repeated when noticed. The surrogate recoveries and unspiked analyte detected values for those spikes do not reflect the same variances as the spiked compounds, confirming a spiking error. No qualification is made.

The low level MSs of GPB3-1-14-18 show recoveries between 42% and 69%, most of which are outside the recommended acceptance limits. The laboratory appears to again have mis-spiked, as evidenced by the fact that the surrogate standard d8-toluene recovers at 95% and 98% in those spikes, while toluene recovers at only 63% and 48%. The correlation for unspiked analytes detected in the parent sample is good, and no qualification is made.

The detections of acetone in all samples in SDGs A06-2747 and A06-4974 except GPCS-5-2-4 and GPCS-6-4-6 are considered external contamination and are edited to reflect non-detection, due to presence in associated holding and/or method blanks.

The detections of tetrachloroethene that are flagged as "B" in samples reported in SDG A06-2747, those in A06-4974 up to twice the reporting limit concentration, and all samples flagged as "B" in A06-2623 except GPB5-3-14-17 are similarly considered external contamination, and are edited to reflect non-detection.

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

The following samples were analyzed after samples containing very high concentrations ("E" levels) of tetrachloroethene, and the reported detections may be due to carryover. The reported results have been edited to reflect non-detection at either the CRDL or the originally reported concentration, whichever is greater: GP3-10-14-18, GP3-11-14-17.5, GP3-12-14-17.5, and GP3-13-10-14. The samples should have been re-analyzed.

The detected value for tetrachloroethene in GPB1-11-14-17 is derived from the dilution analysis ("E" initially), but qualified as estimated, with a possible high bias. The dilution analysis followed a sample with very high concentration of that compound.

Some of the samples that followed samples with high concentrations were re-analyzed to confirm reported detections. Due to the large variance in sample constituency with the project samples, the potential for carryover occurred frequently, and although the instances noted above were observed during validation, a comprehensive review for potential carryover contribution to project sample results has not been performed for this DUSR review.

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:

- Dichlorodifluoromethane (28%D to 58%D) in samples reported in SDG A06-2318
- Dichlorodifluoromethane, trichlorofluoromethane, and 1,1,2-trichloro-1,2,2-trifluoroethane (41%D to 96%D) in samples analyzed 3/17/06 in SDG A06-2747
- Bromomethane (29%D) in samples analyzed by low level in SDG A06-4279
- Vinyl chloride (32%D and 38%D) detected values in SDG A06-4974
- trans-1,2-Dichloroethene in GPB1-5-14-17

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.

The holding blank associated with samples collected 3/13/06 showed a low level hydrocarbon background, likely due to the highly concentrated matrix of associated samples. The corresponding low level detections in the samples collected that day have also been removed from the TIC lists.

Samples MW-2D and MW-9D were analyzed at excessive dilutions (fivefold and twofold), resulting in unnecessarily elevated reporting limits.

MW-13D was re-sampled, and showed rather consistent results to the originally submitted sample from that location.

### **Semivolatile Analyses 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.

Detections of bis(2-ethylhexyl)phthalate in the soil samples are considered external contamination (as evidenced by the presence in the associated method blank), and are edited to nondetection ("U") at either the CRDLs, or the originally reported concentrations, whichever are greater.

Results for five detected compounds in GPCS-6-4-6 are qualified as estimated due to a elevated internal standard response.

Matrix spikes of GPCS-1-4.8-10 show acceptable accuracy and precision values.

Surrogate standard recoveries are within required limits. Calibrations standards show responses within validation guidelines. Holding times were met.

Tentatively Identified Compounds (TICs) that are reported with the "A" or "B" flags are considered external contamination, and not sample components.

### **TCL PCBs by ASP CLP**

Reporting limits for Aroclor mixtures were reported unnecessarily high (by about an order of magnitude).

Surrogate recoveries on the primary column are within recommended limits. Blanks show no contamination. Calibration standard responses were within validation action guidelines.

The matrix spikes of Aroclor 1254 in GPCS-1-4.8-10 show acceptable accuracy and precision.

No qualifications are made.

**TAL Metals by CLP-M**

The matrix spike/matrix spike duplicate (MS/MSD) evaluations performed on soil sample GPCS-1-4.8-10 show accuracy and precision within recommended limits.

The ICP serial dilution of GPCS-1-4.8-10 shows acceptable correlations below 10%D.

Instrumental performance is within required limits and validation guidelines.

No qualification of the data is made

**Data Completeness**

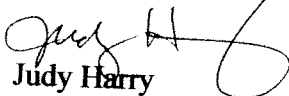
Raw data should have been denoted with the client IDs.

One chain-of-custody form for samples reported in A06-2318 shows a transfer not present on the second custody form received with the samples.

Writeovers and mark-outs on the custodies should have been dated and initialed.

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

Very truly yours,

  
Judy Harry



# **LABORATORY SAMPLE IDs AND CASE NARRATIVES**

NEW YORK STATE  
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE IDENTIFICATION  
AND  
ANALYTICAL REQUEST SUMMARY

LAB NAME: SEVERN TRENT LABORATORIES, INC.

CUSTOMER SAMPLE ID	LABORATORY SAMPLE ID	ANALYTICAL REQUIREMENTS						
		VOA GC/MS	BNA GC/MS	VOA GC	PEST PCB	METALS	TCLP HERB	WATER QUALITY
GP3-1-10-14	A6231801	ASPO0	-	-	-	-	-	-
GP3-1-14-18	A6231802	ASPO0	-	-	-	-	-	-
GP3-10-14-18	A6231817	ASPO0	-	-	-	-	-	-
GP3-11-14-17.5	A6231818	ASPO0	-	-	-	-	-	-
GP3-12-14-17.5	A6231819	ASPO0	-	-	-	-	-	-
GP3-13-10-14	A6231820	ASPO0	-	-	-	-	-	-
GP3-2-10-14	A6231803	ASPO0	-	-	-	-	-	-
GP3-2-14-17.3	A6231804	ASPO0	-	-	-	-	-	-
GP3-3-10-14	A6231805	ASPO0	-	-	-	-	-	-
GP3-3-14-17.5	A6231806	ASPO0	-	-	-	-	-	-
GP3-4-10-14	A6231807	ASPO0	-	-	-	-	-	-
GP3-4-14-17.7	A6231808	ASPO0	-	-	-	-	-	-
GP3-5-10-14	A6231809	ASPO0	-	-	-	-	-	-
GP3-5-14-17.7	A6231810	ASPO0	-	-	-	-	-	-
GP3-6-10-14	A6231811	ASPO0	-	-	-	-	-	-
GP3-6-14-17	A6231812	ASPO0	-	-	-	-	-	-
GP3-8-10-14	A6231813	ASPO0	-	-	-	-	-	-
GP3-8-14-18	A6231814	ASPO0	-	-	-	-	-	-
GP3-9-10-14	A6231815	ASPO0	-	-	-	-	-	-
GP3-9-14-18	A6231816	ASPO0	-	-	-	-	-	-

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		VOA GC/MS	BNA GC/MS	VOA GC	PEST PCB	METALS	TCLP HERB	WATER QUALITY
GP3-13-14-17	A6232201	ASP00	-	-	-	-	-	-
GP3-7-14-16.7	A6232202	ASP00	-	-	-	-	-	-
GPB1-1-14-17	A6237203	ASP00	-	-	-	-	-	-
GPB1-2-14-18	A6237204	ASP00	-	-	-	-	-	-
GPB1-3-10-11.8	A6237205	ASP00	-	-	-	-	-	-
GPB1-4-14-17.6	A6237206	ASP00	-	-	-	-	-	-
GPB1-5-14-17	A6237207	ASP00	-	-	-	-	-	-
GPB1-6-14-17.7	A6237208	ASP00	-	-	-	-	-	-
GPS1-1-10-14	A6237201	ASP00	-	-	-	-	-	-
GPS1-4-10-14	A6237202	ASP00	-	-	-	-	-	-

NYSDEC-1

NEW YORK STATE  
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		VOA GC/MS	BNA GC/MS	VOA GC	PEST PCB	METALS	TCLP HERB	WATER QUALITY
GPB1-7-14-18	A6253701	ASP00	-	-	-	-	-	-
GPB1-8-14-18	A6253702	ASP00	-	-	-	-	-	-
GPB3-1-14-18	A6253703	ASP00	-	-	-	-	-	-
GPB3-10-14-17.5	A6253715	ASP00	-	-	-	-	-	-
GPB3-11-14-18	A6253716	ASP00	-	-	-	-	-	-
GPB3-12-14-17.5	A6253717	ASP00	-	-	-	-	-	-
GPB3-13-6-10	A6253718	ASP00	-	-	-	-	-	-
GPB3-14-14-17	A6253719	ASP00	-	-	-	-	-	-
GPB3-2-14-18	A6253704	ASP00	-	-	-	-	-	-
GPB3-3-14-17.5	A6253705	ASP00	-	-	-	-	-	-
GPB3-4-14-17.6	A6253706	ASP00	-	-	-	-	-	-
GPB3-5-14-16.7	A6253708	ASP00	-	-	-	-	-	-
GPB3-5-6-10	A6253707	ASP00	-	-	-	-	-	-
GPB3-6-0.5-4	A6253709	ASP00	-	-	-	-	-	-
GPB3-6-10-14	A6253710	ASP00	-	-	-	-	-	-
GPB3-7-14-17	A6253712	ASP00	-	-	-	-	-	-
GPB3-7-6-10	A6253711	ASP00	-	-	-	-	-	-
GPB3-8-14-17	A6253713	ASP00	-	-	-	-	-	-
GPB3-9-14-17.5	A6253714	ASP00	-	-	-	-	-	-

NYSDEC-1

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		VOA GC/MS	BNA GC/MS	VOA GC	PEST PCB	METALS	TCLP HERB	WATER QUALITY
GPB1-10-14-16.8	A6262307	ASP00	-	-	-	-	-	-
GPB1-11-14-17	A6262308	ASP00	-	-	-	-	-	-
GPB1-12-10-14	A6262310	ASP00	-	-	-	-	-	-
GPB1-12-14-18	A6262311	ASP00	-	-	-	-	-	-
GPB1-12-2.5-4	A6262309	ASP00	-	-	-	-	-	-
GPB1-13-14-17.2	A6262315	ASP00	-	-	-	-	-	-
GPB1-13-6-10	A6262316	ASP00	-	-	-	-	-	-
GPB1-14-6-10	A6262317	ASP00	-	-	-	-	-	-
GPB1-9-14-17.4	A6262306	ASP00	-	-	-	-	-	-
GPB3-16-14-17	A6262302	ASP00	-	-	-	-	-	-
GPB3-16-6-10	A6262301	ASP00	-	-	-	-	-	-
GPB3-17-14-18	A6262303	ASP00	-	-	-	-	-	-
GPB5-1-14-18	A6262304	ASP00	-	-	-	-	-	-
GPB5-2-14-17.5	A6262305	ASP00	-	-	-	-	-	-
GPB5-3-10-14	A6262313	ASP00	-	-	-	-	-	-
GPB5-3-14-17	A6262314	ASP00	-	-	-	-	-	-
GPB5-3-6-10	A6262312	ASP00	-	-	-	-	-	-

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		VOA GC/MS	BNA GC/MS	VOA GC	PEST PCB	METALS	TCLP HERB	WATER QUALITY
GPB1-15-14-17	A6274710	ASP00	-	-	-	-	-	-
GPCS-1-14-18	A6274703	ASP00	-	-	-	-	-	-
GPCS-1-2-4	A6274701	ASP00	ASP00	-	ASP00	ASP00	-	ASP00
GPCS-1-4.8-10	A6274702	ASP00	ASP00	-	ASP00	ASP00	-	ASP00
GPCS-2-1.3-4	A6274704	ASP00	ASP00	-	ASP00	ASP00	-	ASP00
GPCS-2-14-18	A6274705	ASP00	-	-	-	-	-	-
GPCS-3-14-18	A6274707	ASP00	-	-	-	-	-	-
GPCS-3-3.4-6	A6274706	-	-	-	ASP00	ASP00	-	ASP00
GPCS-4-14-18	A6274709	ASP00	-	-	-	-	-	-
GPCS-4-2.2-4	A6274708	-	-	-	ASP00	ASP00	-	ASP00
GPCS-5-2-4	A6274711	ASP00	ASP00	-	ASP00	ASP00	-	ASP00
GPCS-6-4-6	A6274712	ASP00	ASP00	-	ASP00	ASP00	-	ASP00
GPCS-6-6-8	A6274713	-	ASP00	-	ASP00	-	-	ASP00

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GPB1-16-15.5-17	A6427909	ASP00	-	-	-	-	-	-
GPB1-16-17-18	A6427910	ASP00	-	-	-	-	-	-
GPB3-18-14-16.9	A6427903	ASP00	-	-	-	-	-	-
GPB3-18-6-10	A6427902	ASP00	-	-	-	-	-	-
GPB3-19-14-18	A6427901	ASP00	-	-	-	-	-	-
GPB3-21-14-16	A6427905	ASP00	-	-	-	-	-	-
GPB3-21-6-10	A6427904	ASP00	-	-	-	-	-	-
GPB3-22-6-10	A6427906	ASP00	-	-	-	-	-	-
GPB3-24-15.5-17	A6427908	ASP00	-	-	-	-	-	-
GPB3-24-6-10	A6427907	ASP00	-	-	-	-	-	-

NYSDEC-1

NEW YORK STATE  
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE IDENTIFICATION  
AND  
ANALYTICAL REQUEST SUMMARY

LAB NAME: SEVERN TRENT LABORATORIES, INC.

CUSTOMER SAMPLE ID	LABORATORY SAMPLE ID	ANALYTICAL REQUIREMENTS						
		VOA GC/MS	BNA GC/MS	VOA GC	PEST PCB	METALS	TCLP HERB	WATER QUALITY
DAW-4-13.5-14.5	A6448701	ASP00	-	-	-	-	-	-
DAW-4-16-18	A6448703	ASP00	-	-	-	-	-	-
DAW-4-22-24	A6448705	ASP00	-	-	-	-	-	-
MW-13D-14-16	A6448702	ASP00	-	-	-	-	-	-

NYSDEC-1



NEW YORK STATE  
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE IDENTIFICATION  
AND  
ANALYTICAL REQUEST SUMMARY

LAB NAME: SEVERN TRENT LABORATORIES, INC.

CUSTOMER SAMPLE ID	LABORATORY SAMPLE ID	ANALYTICAL REQUIREMENTS						
		VOA GC/MS	BNA GC/MS	VOA GC	PEST PCB	METALS	TCLP HERB	WATER QUALITY
DAW-1	A6497409	ASP00	-	-	-	-	-	-
DAW-2	A6497414	ASP00	-	-	-	-	-	-
DAW-3	A6497417	ASP00	-	-	-	-	-	-
DAW-4	A6497415	ASP00	-	-	-	-	-	-
MW-1	A6497407	ASP00	-	-	-	-	-	-
MW-10D	A6497402	ASP00	-	-	-	-	-	-
MW-12D	A6497416	ASP00	-	-	-	-	-	-
MW-13D	A6497411	ASP00	-	-	-	-	-	-
MW-13D RESAMPLE	A6497419	ASP00	-	-	-	-	-	-
MW-2	A6497401	ASP00	-	-	-	-	-	-
MW-2D	A6497406	ASP00	-	-	-	-	-	-
MW-3	A6497410	ASP00	-	-	-	-	-	-
MW-3D	A6497418	ASP00	-	-	-	-	-	-
MW-4	A6497405	ASP00	-	-	-	-	-	-
MW-4D	A6497404	ASP00	-	-	-	-	-	-
MW-6	A6497412	ASP00	-	-	-	-	-	-
MW-7	A6497413	ASP00	-	-	-	-	-	-
MW-8	A6497408	ASP00	-	-	-	-	-	-
MW-9D	A6497403	ASP00	-	-	-	-	-	-

NYSDEC-1

## NON-CONFORMANCE SUMMARY

Job#: A06-2318STL Project#: NY4A9350SDG#: 2318Site Name: C & S - Pioneer Midler siteGeneral 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

A06-2318

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 analyte Tetrachloroethene was detected in the Method Blank VBLK84 (A6B1498302) at a level below the project established reporting limit. No corrective action is necessary for any values in Method Blanks that are below the requested reporting limits.

The analytes Bromomethane and 1,1-Dichloroethene exceeded quality control limits for the Continuing Calibration A6C0003731-1. However, because the results are considered biased high and this analyte was non-detect in all the associated samples, no further corrective action was necessary.

The Volatile Holding Blank had a pH of 7.

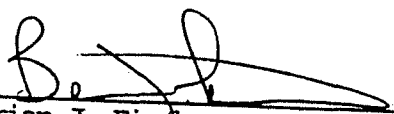
The Volatile Holding Blank was not analyzed after all of the samples in the SDG as per ASP00.

Samples GP3-10-14-18, GP3-3-10-14, GP3-3-14-17.5, GP3-8-10-14, GP3-9-14-18, GP3-8-14-18, and GP3-9-10-14 were analyzed using medium level techniques due to high concentrations of target analytes.

The original sample analysis of samples GP3-10-14-18, GP3-11-14-17.5, GP3-12-14-17.5, and GP3-13-10-14 have suspected carryover of Tetrachloroethene from samples GP3-8-10-14 and GP3-8-14-18. Due to elevated detections of other compounds, all of the samples were analyzed at secondary dilutions. Both sets of data have been reported here.

\*\*\*\*\*  
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."

  
\_\_\_\_\_  
Brian J. Fischer  
Project Manager

3-16-86  
Date

## NON-CONFORMANCE SUMMARY

Job#: A06-2322, A06-2372STL Project#: NY4A9350SDG#: 2372Site Name: C & S - Pioneer Midler siteGeneral 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

A06-2322

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

A06-2372

Sample Cooler(s) were received at the following temperature(s); 6@2.0 °C  
All samples were received in good condition.

GC/MS Volatile Data

All water samples were preserved to a PH less than 2.

Samples GPB1-1-14-17, GPB1-1-14-17 DL, GPB1-2-14-18, GPB1-2-14-18 DL, GPB1-3-10-11.8, GPB1-3-10-11.8 DL, GPB1-4-14-17.6 and GPB1-6-14-17.7 were analyzed using medium level techniques due to high concentrations of target analytes.

The spike recovery of the analytes 1,1-Dichloroethene, Trichloroethene, Benzene, Toluene and Chlorobenzene in the Matrix Spike and in the Matrix Spike Duplicate of sample GPB1-5-14-17 fell below quality control limits due to analytical spiking error. This error was not noted until final review, and since holding times had expired, not reanalyzed. The Relative Percent Difference (RPD) between the Matrix Spike and the Matrix Spike Duplicate of sample GPB1-5-14-17 exceeded quality control limits for the analytes 1,1-Dichloroethene, Benzene, Toluene and Chlorobenzene. The Matrix Spike Blank recoveries were compliant.

## NON-CONFORMANCE SUMMARY

Job#: A06-2537STL Project#: NY4A9350Site Name: C & S - Pioneer Midler siteGeneral 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

A06-2537

Sample Cooler(s) were received at the following temperature(s); 3.0 °C  
All samples were received in good condition.

GC/MS Volatile Data


The relative percent difference between the Matrix Spike and the Matrix Spike Duplicate for sample GPB3-1-14-18 exceeded quality control criteria for 1,1-Dichloroethene, Chlorobenzene, Toluene and Trichloroethene, though all individual recoveries are compliant. No action required.

For method 8260, the recoveries of Trichloroethene and Chlorobenzene in sample GPB3-1-14-18 Matrix Spike and the recoveries of 1,1-Dichloroethene, Trichloroethene, Benzene, Toluene and Chlorobenzene in the Matrix Spike Duplicate exceeded QC limits. The Matrix Spike Blank recoveries are compliant.

All samples except GPB3-1-14-18 and GPB3-14-17.6 were analyzed using medium level techniques due to high concentrations of target analytes.

\*\*\*\*\*  
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\_\_\_\_\_  
Brian J. Fischer  
Project Manager

3-21-06  
Date


The analyte Tetrachloroethene was detected in Method Blank VBLK84 (A6B1498304 and A6B1498302) at a level below the project established reporting limit. No corrective action is necessary for any values in Method Blanks that are below the requested reporting limits.

The analyte Carbon Disulfide was detected in Method Blank VBLK38 (A6B1491702) at a level below the project established reporting limit. No corrective action is necessary for any values in Method Blanks that are below the requested reporting limits.

\*\*\*\*\*

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\_\_\_\_\_  
Brian J. Fischer  
Project Manager

3-20-06  
\_\_\_\_\_  
Date

## NON-CONFORMANCE SUMMARY

Job#: A06-2623STL Project#: NY4A9350Site Name: C & S - Pioneer Midler siteGeneral 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

A06-2623

Sample Cooler(s) were received at the following temperature(s); 3@2.0 °C  
All samples were received in good condition.

GC/MS Volatile Data

The analytes Methylene Chloride and Tetrachloroethene were detected in the Volatile Holding Blank VHB (A6262318) at a level below the project established reporting limit. No corrective action is necessary for any values in Volatile Holding Blanks that are below the requested reporting limits.

The analytes Acetone, Methylene Chloride, and Tetrachloroethene were detected in the water Method Blank VELK46 (A6B1539704) at a level below the project established reporting limit. No corrective action is necessary for any values in Method Blanks that are below the requested reporting limits.

The analyte Tetrachloroethene was detected in the soil Method Blank VELK46 (A6B139702) at a level below the project established reporting limit. No corrective action is necessary for any values in Method Blanks that are below the requested reporting limits.

The analytes Vinyl Chloride and cis-1,2-Dichloroethene were detected in sample GPB1-9-14-17.4 at a concentration above the linear range of the initial calibration standard curve, requiring a dilution. Due to the high dilution dictated by the concentration of Tetrachloroethene, Vinyl Chloride and cis-1,2-Dichloroethene were diluted out in sample GPB1-9-14-17.4 DL.

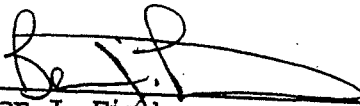


The analyte Vinyl Chloride was detected in sample GPB5-2-14-17.5 at a concentration above the linear range of the initial calibration standard curve, requiring a dilution. Due to the high dilution dictated by the concentration of cis-1,2-Dichloroethene, Vinyl Chloride was diluted out in sample GPB5-2-14-17.5.

Samples GPB1-10-14-16.8, GPB1-11-14-17, GPB1-12-10-14, GPB1-12-2.5-4, GPB1-9-14-17.4, GPB3-16-14-17, GPB3-16-6-10, GPB3-17-14-18, GPB5-1-14-18, and GPB5-2-14-17.5 were analyzed using medium level techniques due to high concentrations of target analytes.

\*\*\*\*\*  
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\_\_\_\_\_  
Brian J. Fischer  
Project Manager

3-21-01  
\_\_\_\_\_  
Date

## NON-CONFORMANCE SUMMARY

Job#: A06-2747STL Project#: NY4A9350Site Name: C & S - Pioneer Midler siteGeneral 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

A06-2747

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 Acetone, Methylene Chloride and Tetrachloroethene were detected in Method Blank VBLK47 (A6B1546104) at a level below the project established reporting limit. No corrective action is necessary for any values in Method Blanks that are below the requested reporting limits.

The analyte Tetrachloroethene was detected in Method Blank VBLK46 (A6B1539702) at a level below the project established reporting limit. No corrective action is necessary for any values in Method Blanks that are below the requested reporting limits.

The analytes Methylene Chloride and Tetrachloroethene were detected in Method Blank VBLK47 (A6B1546102) at a level below the project established reporting limit. No corrective action is necessary for any values in Method Blanks that are below the requested reporting limits.

The analytes Acetone and Methylene Chloride were detected in Method Blank VBLK49 (A6B1557202) at a level below the project established reporting limit. No corrective action is necessary for any values in Method Blanks that are below the requested reporting limits.

The Volatile Holding Blank was not analyzed after all samples in the SDG as per ASP 2000 SOW.

The Volatile Holding Blank has a number of TICs potentially due to carry over from sample GPCS-1-2-4.

The VHB was preserved to a PH less than 2.

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

The spike recovery of the analytes 1,1-Dichloroethene, Trichloroethene and Chlorobenzene in the Matrix Spike of sample GPCS-5-2-4 fell below quality control limits. The Matrix Spike Blank recoveries were compliant, so no corrective action is required.

#### GC/MS Semivolatiles Data

The analyte Bis(2-ethylhexyl)phthalate was detected in the Method Blank SBLK43 (A6B1531902) at a level below the project established reporting limit. No corrective action is necessary for any values in Method Blanks that are below the requested reporting limits.

The internal standard recovery for Perylene-d12 was above the method defined quality control limit in sample GPCS-6-4-6. The sample was re-analyzed at a higher dilution with compliant results. Both analyses were included in the results. No further corrective action was required.

#### GC Extractable Data

No deviations from protocol were encountered during the analytical procedures.

#### Metals Data

The recovery of sample GPCS-1-4.8-10 Post Spike exhibited results below the quality control limit for Silver. However, the LCS was acceptable.

The RPD of sample GPCS-1-4.8-10 and the Matrix Duplicate exceeded quality control limits for Iron. However, the LCS was acceptable.

#### Wet Chemistry Data

No deviations from protocol were encountered during the analytical procedures.

## NON-CONFORMANCE SUMMARY

Job#: A06-4279STL Project#: NY4A9350Site Name: C & S - Pioneer Midler siteGeneral 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

A06-4279

Sample Cooler(s) were received at the following temperature(s); 2.2 °C  
SAMPLES 02 AND 06 EXHIBITED >9999 PPM HNU READINGS; SAMPLE 03 EXHIBITED ~700 PPM HNU  
READINGS - PLEASE SCREEN.

GC/MS Volatile Data

The VHB was preserved to a PH less than 2.

Samples GPB1-16-15.5-17, GPB3-18-14-16.9, GPB3-18-6-10, GPB3-22-6-10 and GPB3-22-6-10 DL were analyzed using medium level techniques due to high concentrations of target analytes.

The analyte Methylene Chloride was detected in Method Blank VBLK30 (A6B1763604) at a level below the project established reporting limit. No corrective action is necessary for any values in Method Blanks that are below the requested reporting limits.

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

\*\*\*\*\*  
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Brian J. Fischer  
Project Manager

4-26-06

Date

## NON-CONFORMANCE SUMMARY

Job#: A06-4487STL Project#: NY4A9350Site Name: C & S - Pioneer Midler siteGeneral 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

A06-4487

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

GC/MS Volatile Data

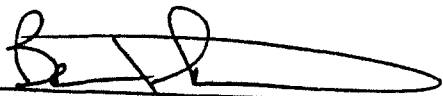
The analyte Methylene Chloride was detected in the Method Blank VELK46 (A6B1832304) and in the Volatile Holding Blank (VHB) at a level below the project established reporting limit but above the method detection limit. All associated samples were qualified with "B." No further corrective action is necessary for any values in Method Blanks that are below the requested reporting limits.

The Relative Percent Difference (RPD) between the Matrix Spike and the Matrix Spike duplicate of sample MW-13D-14-16 exceeded quality control limits for the analyte Trichloroethene. The Matrix Spike Blank recoveries were compliant, so no corrective action is required.

All water samples were preserved to a pH less than 2.

\*\*\*\*\*  
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\_\_\_\_\_  
Brian J. Fischer  
Project Manager

5-8-06

\_\_\_\_\_  
Date

## NON-CONFORMANCE SUMMARY

Job#: A06-4974STL Project#: NY4A9350Site Name: C & S - Pioneer Midler siteGeneral 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

A06-4974

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 analyte Tetrachloroethene was detected in the Method Blank VELK50 (A6B1854302) at a level below the project established reporting limit. No corrective action is necessary for any values in Method Blanks that are below the requested reporting limits.

As a result of low volume, the sample VHB was analyzed from a vial containing headspace. The volatile organic results may be biased low and all positive detections and non-detections should be considered estimated.

The analytes Acetone and Tetrachloroethene were detected in the Volatile Holding Blank (VHB) at a level below the project established reporting limit.



All samples were preserved to a pH less than 2.

\*\*\*\*\*  
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.

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\_\_\_\_\_  
Brian J. Fischer  
Project Manager

5-11-06

\_\_\_\_\_  
Date

# **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 presence 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.

# **QUALIFIED REPORT FORMS**

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

13/953

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GP3-1-10-14

Lab Code: RECNV Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: 2318

Matrix: (soil/water) SOIL

Lab Sample ID: A6231801

Sample wt/vol: 5.09 (g/mL) G

Lab File ID: F8849.RR

Level: (low/med) LOW

Date Samp/Recv: 02/27/2006 03/03/2006

% Moisture: not dec. 42 Heated Purge: Y

Date Analyzed: 03/04/2006

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
74-87-3	-----Chloromethane		17	U
74-83-9	-----Bromomethane		17	U
75-01-4	-----Vinyl chloride		17	J
75-00-3	-----Chloroethane	600	340	J
75-09-2	-----Methylene chloride		17	U
67-64-1	-----Acetone		17	U
75-15-0	-----Carbon Disulfide		6	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		17	U
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		17	U
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		17	U
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		17	U
		520		E 900 J



## 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.
- ! 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

14/953

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GP3-1-10-14

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: 2318

Matrix: (soil/water) SOIL

Lab Sample ID: A6231801

Sample wt/vol: 5.09 (g/mL) G

Lab File ID: F8849.RR

Level: (low/med) LOW

Date Samp/Recv: 02/27/2006 03/03/2006

% Moisture: not dec. 42 Heated Purge: Y

Date Analyzed: 03/04/2006

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
156-60-5	trans-1,2-Dichloroethene	130	76	J
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

15/953

Client No.

GP3-1-10-14

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: 2318

Matrix: (soil/water) SOIL

Lab Sample ID: A6231801

Sample wt/vol: 5.09 (g/mL) G

Lab File ID: F8849.RR

Level: (low/med) LOW

Date Samp/Recv: 02/27/2006 03/03/2006

% Moisture: not dec. 42.3

Date Analyzed: 03/04/2006

GC Column: DB-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	<del>HEXANE</del>	2.85	<del>13</del>	<del>JN</del> <i>R</i>



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

19/953

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GP3-1-14-18

Lab Code: RECONY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: 2318

Matrix: (soil/water) SOIL

Lab Sample ID: A6231802

Sample wt/vol: 5.08 (g/mL) G

Lab File ID: F8850.RR

Level: (low/med) LOW

Date Samp/Recv: 02/27/2006 03/03/2006

% Moisture: not dec. 48 Heated Purge: Y

Date Analyzed: 03/04/2006

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
74-87-3	-----Chloromethane		19	U
74-83-9	-----Bromomethane		19	U
75-01-4	-----Vinyl chloride	340	160	J
75-00-3	-----Chloroethane		19	U
75-09-2	-----Methylene chloride		19	U
67-64-1	-----Acetone		19	U
75-15-0	-----Carbon Disulfide		19	U
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		19	U
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		19	U
124-48-1	-----Dibromochloromethane	43	27	J
79-00-5	-----1,1,2-Trichloroethane		19	U
71-43-2	-----Benzene		19	U
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		19	U
127-18-4	-----Tetrachloroethene		19	U
108-88-3	-----Toluene		19	U
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		19	U
76-13-1	-----1,1,2-Trichloro-1,2,2-trifluoroethane		19	U
156-59-2	-----cis-1,2-Dichloroethene		19	U
		530		E

1300 J

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

18/953

Client No.

GP3-1-10-14

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECN

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: 2318

Matrix: (soil/water) SOIL

Lab Sample ID: A6231801DL

Sample wt/vol: 1.19 (g/mL) G

Lab File ID: F8873.RR

Level: (low/med) LOW

Date Samp/Recv: 02/27/2006 03/03/2006

% Moisture: not dec. 42.3

Date Analyzed: 03/05/2006

GC Column: DB-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	2.85	70	JN

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

20/953

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GP3-1-14-18

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: 2318

Matrix: (soil/water) SOIL

Lab Sample ID: A6231802

Sample wt/vol: 5.08 (g/mL) G

Lab File ID: F8850.RR

Level: (low/med) LOW

Date Samp/Recv: 02/27/2006 03/03/2006

% Moisture: not dec. 48 Heated Purge: Y

Date Analyzed: 03/04/2006

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
156-60-5	trans-1,2-Dichloroethene	260	97	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

21/953

Client No.

GP3-1-14-18

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNV

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: 2318

Matrix: (soil/water) SOIL

Lab Sample ID: A6231802

Sample wt/vol: 5.08 (g/mL) G

Lab File ID: F8850.RR

Level: (low/med) LOW

Date Samp/Recv: 02/27/2006 03/03/2006

% Moisture: not dec. 48.0

Date Analyzed: 03/04/2006

GC Column: DB-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.	UNKNOWN	2.85	12	J

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

25/953

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GP3-10-14-18

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: 2318

Matrix: (soil/water) SOIL

Lab Sample ID: A6231817

Sample wt/vol: 5.00 (g/mL) G

Lab File ID: F8865.RR

Level: (low/med) LOW

Date Samp/Recv: 03/01/2006 03/03/2006

% Moisture: not dec. 50 Heated Purge: Y

Date Analyzed: 03/04/2006

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
74-87-3	-----Chloromethane		20	U
74-83-9	-----Bromomethane		20	U
75-01-4	-----Vinyl chloride		240	
75-00-3	-----Chloroethane		20	U
75-09-2	-----Methylene chloride		20	U
67-64-1	-----Acetone		20	U
75-15-0	-----Carbon Disulfide		20	U
75-35-4	-----1,1-Dichloroethene		4	J
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		20	U
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		20	U
124-48-1	-----Dibromochloromethane		6	J
79-00-5	-----1,1,2-Trichloroethane		20	U
71-43-2	-----Benzene		20	U
10061-02-6	----trans-1,3-Dichloropropene		20	U
75-25-2	-----Bromoform		20	U
108-10-1	-----4-Methyl-2-pentanone		20	U
591-78-6	-----2-Hexanone		20	U
127-18-4	-----Tetrachloroethene		20	U
108-88-3	-----Toluene		42	U
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		20	U
76-13-1	-----1,1,2-Trichloro-1,2,2-trifluoroethane		20	U
156-59-2	-----cis-1,2-Dichloroethene		20	U
		860		E

2100

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

24/953

Client No.

GP3-1-14-18

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECN

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: 2318

Matrix: (soil/water) SOIL

Lab Sample ID: A6231802DL

Sample wt/vol: 1.06 (g/mL) G

Lab File ID: F8874.RR

Level: (low/med) LOW

Date Samp/Recv: 02/27/2006 03/03/2006

% Moisture: not dec. 48.0

Date Analyzed: 03/05/2006

GC Column: DB-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	2.85	84	JN

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

26/953

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GP3-10-14-18

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: 2318

Matrix: (soil/water) SOIL

Lab Sample ID: A6231817

Sample wt/vol: 5.00 (g/mL) G

Lab File ID: F8865.RR

Level: (low/med) LOW

Date Samp/Recv: 03/01/2006 03/03/2006

% Moisture: not dec. 50 Heated Purge: Y

Date Analyzed: 03/04/2006

GC Column: DB-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
156-60-5	trans-1,2-Dichloroethene	180	
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

27/953

Client No.

GP3-10-14-18

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: 2318

Matrix: (soil/water) SOIL

Lab Sample ID: A6231817

Sample wt/vol: 5.00 (g/mL) G

Lab File ID: F8865.RR

Level: (low/med) LOW

Date Samp/Recv: 03/01/2006 03/03/2006

% Moisture: not dec. 50.1

Date Analyzed: 03/04/2006

GC Column: DB-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.	<u>UNKNOWN</u>	2.84	12	J



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

31/953

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GP3-11-14-17.5

Lab Code: RECN Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: 2318

Matrix: (soil/water) SOIL

Lab Sample ID: A6231818

Sample wt/vol: .5.06 (g/mL) G

Lab File ID: F8866.RR

Level: (low/med) LOW

Date Samp/Recv: 03/01/2006 03/03/2006

% Moisture: not dec. 54 Heated Purge: Y

Date Analyzed: 03/04/2006

GC Column: DB-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
74-87-3	Chloromethane	21	U
74-83-9	Bromomethane	21	U
75-01-4	Vinyl chloride	650	E
75-00-3	Chloroethane	21	U
75-09-2	Methylene chloride	21	U
67-64-1	Acetone	21	U
75-15-0	Carbon Disulfide	4	J
75-35-4	1,1-Dichloroethene	21	U
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	21	U
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	2	J
124-48-1	Dibromochloromethane	21	U
79-00-5	1,1,2-Trichloroethane	21	U
71-43-2	Benzene	21	U
10061-02-6	trans-1,3-Dichloropropene	21	U
75-25-2	Bromoform	21	U
108-10-1	4-Methyl-2-pentanone	21	U
591-78-6	2-Hexanone	21	U
127-18-4	Tetrachloroethene	21	U
108-88-3	Toluene	21	U
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	21	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	21	U
156-59-2	cis-1,2-Dichloroethene	470	E

1100 J

860 J

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

30/953

Client No.

GP3-10-14-18

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: 2318

Matrix: (soil/water) SOIL

Lab Sample ID: A6231817DL

Sample wt/vol: 4.00 (g/mL) G

Lab File ID: Q0586.RR

Level: (low/med) MED

Date Samp/Recv: 03/01/2006 03/03/2006

% Moisture: not dec. 50.1

Date Analyzed: 03/07/2006

GC Column: DB-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

32/953

Client No.

GP3-11-14-17.5

Lab Name: STL Buffalo Contract: \_\_\_\_\_

Lab Code: REQNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: 2318

Matrix: (soil/water) SOIL

Lab Sample ID: A6231818

Sample wt/vol: 5.06 (g/mL) G

Lab File ID: F8866.RR

Level: (low/med) LOW

Date Samp/Recv: 03/01/2006 03/03/2006

% Moisture: not dec. 54 Heated Purge: Y

Date Analyzed: 03/04/2006

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
156-60-5	trans-1,2-Dichloroethene	120	73	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

33/953

Client No.

GP3-11-14-17.5

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNV

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: 2318

Matrix: (soil/water) SOIL

Lab Sample ID: A6231818

Sample wt/vol: 5.06 (g/mL) G

Lab File ID: F8866.RR

Level: (low/med) LOW

Date Samp/Recv: 03/01/2006 03/03/2006

% Moisture: not dec. 53.7

Date Analyzed: 03/04/2006

GC Column: DB-624 ID: 0.18 (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	<del>HEXANE</del>	2.84	<del>14</del>	<del>JN</del>

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

37/953

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GP3-12-14-17.5

Lab Code: RECNV Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: 2318

Matrix: (soil/water) SOIL

Lab Sample ID: A6231819

Sample wt/vol: 5.10 (g/mL) G

Lab File ID: F8867.RR

Level: (low/med) LOW

Date Samp/Recv: 03/01/2006 03/03/2006

% Moisture: not dec. 48 Heated Purge: Y

Date Analyzed: 03/04/2006

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
74-87-3	-----Chloromethane		19	U
74-83-9	-----Bromomethane		19	U
75-01-4	-----Vinyl chloride		19	J
75-00-3	-----Chloroethane	660 320	19	U
75-09-2	-----Methylene chloride		19	U
67-64-1	-----Acetone		19	U
75-15-0	-----Carbon Disulfide		4	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		19	U
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		19	U
124-48-1	-----Dibromochloromethane		19	U
79-00-5	-----1,1,2-Trichloroethane		19	U
71-43-2	-----Benzene		19	U
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		19	U
127-18-4	-----Tetrachloroethene		19	U
108-88-3	-----Toluene	19 8	19	J U
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		19	U
76-13-1	-----1,1,2-Trichloro-1,2,2-trifluoroethane		19	U
156-59-2	-----cis-1,2-Dichloroethene		460	E 910 D

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

36/953

Client No.

GP3-11-14-17.5

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: 2318

Matrix: (soil/water) SOIL

Lab Sample ID: A6231818DL

Sample wt/vol: 1.05 (g/mL) G

Lab File ID: F8879.RR

Level: (low/med) LOW

Date Samp/Recv: 03/01/2006 03/03/2006

% Moisture: not dec. 53.7

Date Analyzed: 03/05/2006

GC Column: DB-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.	UNKNOWN	2.84	94	J

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

38/953

Client No.

GP3-12-14-17.5

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: 2318

Matrix: (soil/water) SOIL

Lab Sample ID: A6231819

Sample wt/vol: 5.10 (g/mL) G

Lab File ID: F8867.RR

Level: (low/med) LOW

Date Samp/Recv: 03/01/2006 03/03/2006

% Moisture: not dec. 48 Heated Purge: Y

Date Analyzed: 03/04/2006

GC Column: DB-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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
156-60-5	trans-1,2-Dichloroethene		86 19	J
75-71-8	Dichlorodifluoromethane		19	J
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

39/953

Client No.

GP3-12-14-17.5

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECN

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: 2318

Matrix: (soil/water) SOIL

Lab Sample ID: A6231819

Sample wt/vol: 5.10 (g/mL) G

Lab File ID: F8867.RR

Level: (low/med) LOW

Date Samp/Recv: 03/01/2006 03/03/2006

% Moisture: not dec. 48.2

Date Analyzed: 03/04/2006

GC Column: DB-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	<del>HEXANE</del>	2.85	<del>14</del>	<del>JN</del>



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

43/953

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GP3-13-10-14

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: 2318

Matrix: (soil/water) SOIL

Lab Sample ID: A6231820

Sample wt/vol: 5.19 (g/mL) G

Lab File ID: F8868.RR

Level: (low/med) LOW

Date Samp/Recv: 03/01/2006 03/03/2006

% Moisture: not dec. 48 Heated Purge: Y

Date Analyzed: 03/04/2006

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
74-87-3	Chloromethane		19	U
74-83-9	Bromomethane		19	U
75-01-4	Vinyl chloride	530	430	E
75-00-3	Chloroethane		19	U
75-09-2	Methylene chloride		19	U
67-64-1	Acetone		19	U
75-15-0	Carbon Disulfide		19	U
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		19	U
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		19	U
124-48-1	Dibromochloromethane		19	U
79-00-5	1,1,2-Trichloroethane		19	U
71-43-2	Benzene		19	U
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		19	U
127-18-4	Tetrachloroethene		19	U
108-88-3	Toluene	19	8	JU
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		19	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane		19	U
156-59-2	cis-1,2-Dichloroethene		19	U
			130	

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

42/953

Client No.

GP3-12-14-17.5

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: 2318

Matrix: (soil/water) SOIL

Lab Sample ID: A6231819DL

Sample wt/vol: 1.00 (g/mL) G

Lab File ID: F8880.RR

Level: (low/med) LOW

Date Samp/Recv: 03/01/2006 03/03/2006

% Moisture: not dec. 48.2

Date Analyzed: 03/05/2006

GC Column: DB-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	2.85	100	JN

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

44/953

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GP3-13-10-14

Lab Code: RECNV Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: 2318

Matrix: (soil/water) SOIL

Lab Sample ID: A6231820

Sample wt/vol: 5.19 (g/mL) G

Lab File ID: F8868.RR

Level: (low/med) LOW

Date Samp/Recv: 03/01/2006 03/03/2006

% Moisture: not dec. 48 Heated Purge: Y

Date Analyzed: 03/04/2006

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
156-60-5	trans-1,2-Dichloroethene		20	
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

45/953

Client No.

GP3-13-10-14

Lab Name: SIL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECN

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: 2318

Matrix: (soil/water) SOIL

Lab Sample ID: A6231820

Sample wt/vol: 5.19 (g/mL) G

Lab File ID: F8868.RR

Level: (low/med) LOW

Date Samp/Recv: 03/01/2006 03/03/2006

% Moisture: not dec. 48.2

Date Analyzed: 03/04/2006

GC Column: DB-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	<del>HEXANE</del>	2.85	<del>12</del>	<del>JN</del>

R

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

49/953

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GP3-2-10-14

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: 2318

Matrix: (soil/water) SOIL

Lab Sample ID: A6231803

Sample wt/vol: 5.12 (g/mL) G

Lab File ID: F8853.RR

Level: (low/med) LOW

Date Samp/Recv: 02/27/2006 03/03/2006

% Moisture: not dec. 45 Heated Purge: Y

Date Analyzed: 03/04/2006

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
74-87-3	Chloromethane		18	U
74-83-9	Bromomethane		18	U
75-01-4	Vinyl chloride		260	
75-00-3	Chloroethane		18	U
75-09-2	Methylene chloride		18	U
67-64-1	Acetone		18	U
75-15-0	Carbon Disulfide		18	U
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		18	U
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		18	U
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		18	U
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		18	U
			300	

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

48/953

Client No.

GP3-13-10-14

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: 2318

Matrix: (soil/water) SOIL

Lab Sample ID: A6231820DL

Sample wt/vol: 1.14 (g/mL) G

Lab File ID: F8881.RR

Level: (low/med) LOW

Date Samp/Recv: 03/01/2006 03/03/2006

% Moisture: not dec. 48.2

Date Analyzed: 03/05/2006

GC Column: DB-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	2.84	77	JN

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

50/953

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GP3-2-10-14

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: 2318

Matrix: (soil/water) SOIL

Lab Sample ID: A6231803

Sample wt/vol: 5.12 (g/mL) G

Lab File ID: F8853.RR

Level: (low/med) LOW

Date Samp/Recv: 02/27/2006 03/03/2006

% Moisture: not dec. 45 Heated Purge: Y

Date Analyzed: 03/04/2006

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
156-60-5	trans-1,2-Dichloroethene		95	
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

51/953

Client No.

GP3-2-10-14

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECN

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: 2318

Matrix: (soil/water) SOIL

Lab Sample ID: A6231803

Sample wt/vol: 5.12 (g/mL) G

Lab File ID: F8853.RR

Level: (low/med) LOW

Date Samp/Recv: 02/27/2006 03/03/2006

% Moisture: not dec. 44.6

Date Analyzed: 03/04/2006

GC Column: DB-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	<del>HEXANE</del>	2.84	10	JN

R



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

52/953

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GP3-2-14-17.3

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: 2318

Matrix: (soil/water) SOIL

Lab Sample ID: A6231804

Sample wt/vol: 5.02 (g/mL) G

Lab File ID: F8854.RR

Level: (low/med) LOW

Date Samp/Recv: 02/27/2006 03/03/2006

% Moisture: not dec. 50 Heated Purge: Y

Date Analyzed: 03/04/2006

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
74-87-3	Chloromethane		20	U
74-83-9	Bromomethane		20	U
75-01-4	Vinyl chloride		140	
75-00-3	Chloroethane		20	U
75-09-2	Methylene chloride		20	U
67-64-1	Acetone		20	U
75-15-0	Carbon Disulfide		20	U
75-35-4	1,1-Dichloroethene		2	J
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		20	U
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		20	U
124-48-1	Dibromochloromethane		270	
79-00-5	1,1,2-Trichloroethane		20	U
71-43-2	Benzene		20	U
10061-02-6	trans-1,3-Dichloropropene		20	U
75-25-2	Bromofom		20	U
108-10-1	4-Methyl-2-pentanone		20	U
591-78-6	2-Hexanone		20	U
127-18-4	Tetrachloroethene		20	U
108-88-3	Toluene		20	U
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		20	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane		20	U
156-59-2	cis-1,2-Dichloroethene		20	U
		1400	800	E

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

53/953

Client No.

GP3-2-14-17.3

Lab Name: STL Buffalo Contract: \_\_\_\_\_

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: 2318

Matrix: (soil/water) SOIL Lab Sample ID: A6231804

Sample wt/vol: 5.02 (g/mL) G Lab File ID: F8854.RR

Level: (low/med) LOW Date Samp/Recv: 02/27/2006 03/03/2006

% Moisture: not dec. 50 Heated Purge: Y Date Analyzed: 03/04/2006

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

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	260		
75-71-8	Dichlorodifluoromethane	20		U J
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

54/953

Client No.

GP3-2-14-17.3

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: 2318

Matrix: (soil/water) SOIL

Lab Sample ID: A6231804

Sample wt/vol: 5.02 (g/mL) G

Lab File ID: F8854.RR

Level: (low/med) LOW

Date Samp/Recv: 02/27/2006 03/03/2006

% Moisture: not dec. 50.5

Date Analyzed: 03/04/2006

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (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

55/953

Client No.

GP3-2-14-17.3

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: 2318

Matrix: (soil/water) SOIL

Lab Sample ID: A6231804DL

Sample wt/vol: 1.12 (g/mL) G

Lab File ID: F8875.RR

Level: (low/med) LOW

Date Samp/Recv: 02/27/2006 03/03/2006

% Moisture: not dec. 50 Heated Purge: Y

Date Analyzed: 03/05/2006

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(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		240	D
75-00-3	Chloroethane		90	U
75-09-2	Methylene chloride		90	U
67-64-1	Acetone		90	U
75-15-0	Carbon Disulfide		90	U
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		90	U
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		550	D
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	Bromofom		90	U
108-10-1	4-Methyl-2-pentanone		90	U
591-78-6	2-Hexanone		90	U
127-18-4	Tetrachloroethene		90	U
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		1400	D

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

58/953

Client No.

Lab Name: SIL Buffalo

Contract: \_\_\_\_\_

GP3-3-10-14

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: 2318

Matrix: (soil/water) SOIL

Lab Sample ID: A6231805

Sample wt/vol: 5.20 (g/mL) G

Lab File ID: F8855.RR

Level: (low/med) LOW

Date Samp/Recv: 02/27/2006 03/03/2006

% Moisture: not dec. 46 Heated Purge: Y

Date Analyzed: 03/04/2006

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
74-87-3	-----Chloromethane		18	U
74-83-9	-----Bromomethane		18	U
75-01-4	-----Vinyl chloride		2200	E J
75-00-3	-----Chloroethane		18	U
75-09-2	-----Methylene chloride		18	U
67-64-1	-----Acetone		18	U
75-15-0	-----Carbon Disulfide		18	U
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		18	U
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		18	U
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		18	U
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		1800	E

2500

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

59/953

Client No.

GP3-3-10-14

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: 2318

Matrix: (soil/water) SOIL

Lab Sample ID: A6231805

Sample wt/vol: 5.20 (g/mL) G

Lab File ID: F8855.RR

Level: (low/med) LOW

Date Samp/Recv: 02/27/2006 03/03/2006

% Moisture: not dec. 46 Heated Purge: Y

Date Analyzed: 03/04/2006

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

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

CAS NO.

COMPOUND

Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
156-60-5	trans-1,2-Dichloroethene	140	
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  
ANALYSIS DATA SHEET

64/953

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GP3-3-14-17.5

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: 2318

Matrix: (soil/water) SOIL

Lab Sample ID: A6231806

Sample wt/vol: 5.01 (g/mL) G

Lab File ID: F8856.RR

Level: (low/med) LOW

Date Samp/Recv: 02/27/2006 03/03/2006

% Moisture: not dec. 48 Heated Purge: Y

Date Analyzed: 03/04/2006

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
74-87-3	-----Chloromethane		19	U
74-83-9	-----Bromomethane		19	U
75-01-4	-----Vinyl chloride		210	
75-00-3	-----Chloroethane		19	U
75-09-2	-----Methylene chloride		19	U
67-64-1	-----Acetone		19	U
75-15-0	-----Carbon Disulfide		6	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		19	U
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		48	
124-48-1	-----Dibromochloromethane		19	U
79-00-5	-----1,1,2-Trichloroethane		19	U
71-43-2	-----Benzene		19	U
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		19	U
127-18-4	-----Tetrachloroethene		9	J
108-88-3	-----Toluene		19	U
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		19	U
76-13-1	-----1,1,2-Trichloro-1,2,2-trifluoroethane		19	U
156-59-2	-----cis-1,2-Dichloroethene		1200	E

2700

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

65/953

Client No.

GP3-3-14-17.5

Lab Name: STL Buffalo Contract: \_\_\_\_\_

Lab Code: RECN Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: 2318

Matrix: (soil/water) SOIL Lab Sample ID: A6231806

Sample wt/vol: 5.01 (g/mL) G Lab File ID: F8856.RR

Level: (low/med) LOW Date Samp/Recv: 02/27/2006 03/03/2006

% Moisture: not dec. 48 Heated Purge: Y Date Analyzed: 03/04/2006

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

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	120		
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

66/953

Client No.

Lab Name: STL Buffalo Contract: \_\_\_\_\_

GP3-3-14-17.5

Lab Code: REONY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: 2318

Matrix: (soil/water) SOIL

Lab Sample ID: A6231806

Sample wt/vol: 5.01 (g/mL) G

Lab File ID: F8856.RR

Level: (low/med) LOW

Date Samp/Recv: 02/27/2006 03/03/2006

% Moisture: not dec. 48.5

Date Analyzed: 03/04/2006

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (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

67/953

Client No.

GP3-3-14-17.5

Lab Name: STL Buffalo Contract: \_\_\_\_\_

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: 2318

Matrix: (soil/water) SOIL

Lab Sample ID: A6231806DL

Sample wt/vol: 4.00 (g/mL) G

Lab File ID: Q0570.RR

Level: (low/med) MED

Date Samp/Recv: 02/27/2006 03/03/2006

% Moisture: not dec. 48 Heated Purge: N

Date Analyzed: 03/06/2006

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL)

Soil Aliquot Volume: 100.00 (uL)

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

CAS NO.	COMPOUND	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	2300	U
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	2300	U
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	2300	U
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	2700	D

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

70/953

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GP3-4-10-14

Lab Code: REQNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: 2318

Matrix: (soil/water) SOIL

Lab Sample ID: A6231807

Sample wt/vol: 5.12 (g/mL) G

Lab File ID: F8857.RR

Level: (low/med) LOW

Date Samp/Recv: 02/28/2006 03/03/2006

% Moisture: not dec. 44 Heated Purge: Y

Date Analyzed: 03/04/2006

GC Column: DB-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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	<u>UG/KG</u>	Q
74-87-3	-----Chloromethane		17	U
74-83-9	-----Bromomethane		17	U
75-01-4	-----Vinyl chloride		17	U
75-00-3	-----Chloroethane	890	<del>480</del>	<del>E</del> J
75-09-2	-----Methylene chloride		17	U
67-64-1	-----Acetone		17	U
75-15-0	-----Carbon Disulfide		17	U
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		17	U
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		17	U
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		17	U
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	180	<del>94</del>	J

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

71/953

Client No.

GP3-4-10-14

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: REONY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: 2318

Matrix: (soil/water) SOIL

Lab Sample ID: A6231807

Sample wt/vol: 5.12 (g/mL) G

Lab File ID: F8857.RR

Level: (low/med) LOW

Date Samp/Recv: 02/28/2006 03/03/2006

% Moisture: not dec. 44 Heated Purge: Y

Date Analyzed: 03/04/2006

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
156-60-5	trans-1,2-Dichloroethene		14	J
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

72/953

Client No.

GP3-4-10-14

Lab Name: STL Buffalo Contract: \_\_\_\_\_

Lab Code: REONY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: 2318

Matrix: (soil/water) SOIL Lab Sample ID: A6231807

Sample wt/vol: 5.12 (g/mL) G Lab File ID: F8857.RR

Level: (low/med) LOW Date Samp/Recv: 02/28/2006 03/03/2006

% Moisture: not dec. 43.7 Date Analyzed: 03/04/2006

GC Column: DB-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	<del>HEXANE</del>	<del>2.85</del>	<del>10</del>	<del>JN</del>

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

73/953

Client No.

GP3-4-10-14

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: 2318

Matrix: (soil/water) SOIL

Lab Sample ID: A6231807DL

Sample wt/vol: 1.05 (g/mL) G

Lab File ID: F8876.RR

Level: (low/med) LOW

Date Samp/Recv: 02/28/2006 03/03/2006

% Moisture: not dec. 44 Heated Purge: Y

Date Analyzed: 03/05/2006

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(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		890	D
75-00-3	Chloroethane		84	U
75-09-2	Methylene chloride		84	U
67-64-1	Acetone		84	U
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		84	U
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		84	U
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		84	U
127-18-4	Tetrachloroethene		84	U
108-88-3	Toluene		84	U
79-34-5	1,1,2,2-Tetrachloroethane		84	U
108-90-7	Chlorobenzene		84	U
100-41-4	Ethylbenzene		84	U
100-42-5	Styrene		84	U
1330-20-7	Total Xylenes		84	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane		84	U
156-59-2	cis-1,2-Dichloroethene		180	D

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

76/953

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GP3-4-14-17.7

Lab Code: RECNV Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: 2318

Matrix: (soil/water) SOIL

Lab Sample ID: A6231808

Sample wt/vol: 5.20 (g/mL) G

Lab File ID: F8858.RR

Level: (low/med) LOW

Date Samp/Recv: 02/28/2006 03/03/2006

% Moisture: not dec. 44 Heated Purge: Y

Date Analyzed: 03/04/2006

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
74-87-3	-----Chloromethane		17	U
74-83-9	-----Bromomethane		17	U
75-01-4	-----Vinyl chloride	220	92	J
75-00-3	-----Chloroethane		17	U
75-09-2	-----Methylene chloride		17	U
67-64-1	-----Acetone		17	U
75-15-0	-----Carbon Disulfide		6	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		17	U
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	560	210	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		11	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	860	370	J

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

77/953

Client No.

GP3-4-14-17.7

Lab Name: STL Buffalo Contract: \_\_\_\_\_

Lab Code: REONY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: 2318

Matrix: (soil/water) SOIL Lab Sample ID: A6231808

Sample wt/vol: 5.20 (g/mL) G Lab File ID: F8858.RR

Level: (low/med) LOW Date Samp/Recv: 02/28/2006 03/03/2006

% Moisture: not dec. 44 Heated Purge: Y Date Analyzed: 03/04/2006

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

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	360	150	J
75-71-8	Dichlorodifluoromethane		17	J
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

78/953

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GP3-4-14-17.7

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: 2318

Matrix: (soil/water) SOIL

Lab Sample ID: A6231808

Sample wt/vol: 5.20 (g/mL) G

Lab File ID: F8858.RR

Level: (low/med) LOW

Date Samp/Recv: 02/28/2006 03/03/2006

% Moisture: not dec. 43.6

Date Analyzed: 03/04/2006

GC Column: DB-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	2.84	10	JN

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

79/953

Client No.

GP3-4-14-17.7

Lab Name: STL Buffalo Contract: \_\_\_\_\_

Lab Code: RECNV Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: 2318

Matrix: (soil/water) SOIL Lab Sample ID: A6231808DL

Sample wt/vol: 1.08 (g/mL) G Lab File ID: F8877.RR

Level: (low/med) LOW Date Samp/Recv: 02/28/2006 03/03/2006

% Moisture: not dec. 44 Heated Purge: Y Date Analyzed: 03/05/2006

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

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

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

CAS NO.	COMPOUND	UG/KG	Q
74-87-3	Chloromethane	82	U
74-83-9	Bromomethane	82	U
75-01-4	Vinyl chloride	220	D
75-00-3	Chloroethane	82	U
75-09-2	Methylene chloride	82	U
67-64-1	Acetone	82	U
75-15-0	Carbon Disulfide	16	D
75-35-4	1,1-Dichloroethene	82	U
75-34-3	1,1-Dichloroethane	82	U
67-66-3	Chloroform	82	U
107-06-2	1,2-Dichloroethane	82	U
78-93-3	2-Butanone	82	U
71-55-6	1,1,1-Trichloroethane	82	U
56-23-5	Carbon Tetrachloride	82	U
75-27-4	Bromodichloromethane	82	U
78-87-5	1,2-Dichloropropane	82	U
10061-01-5	cis-1,3-Dichloropropene	82	U
79-01-6	Trichloroethene	560	D
124-48-1	Dibromochloromethane	82	U
79-00-5	1,1,2-Trichloroethane	82	U
71-43-2	Benzene	82	U
10061-02-6	trans-1,3-Dichloropropene	82	U
75-25-2	Bromoform	82	U
108-10-1	4-Methyl-2-pentanone	82	U
591-78-6	2-Hexanone	82	U
127-18-4	Tetrachloroethene	35	D
108-88-3	Toluene	82	U
79-34-5	1,1,2,2-Tetrachloroethane	82	U
108-90-7	Chlorobenzene	82	U
100-41-4	Ethylbenzene	82	U
100-42-5	Styrene	82	U
1330-20-7	Total Xylenes	82	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	82	U
156-59-2	cis-1,2-Dichloroethene	860	D

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

82/953

Client No.

Lab Name: STL Buffalo Contract: \_\_\_\_\_

GP3-5-10-14

Lab Code: REONY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: 2318

Matrix: (soil/water) SOIL Lab Sample ID: A6231809

Sample wt/vol: 5.14 (g/mL) G Lab File ID: F8859.RR

Level: (low/med) LOW Date Samp/Recv: 02/28/2006 03/03/2006

% Moisture: not dec. 45 Heated Purge: Y Date Analyzed: 03/04/2006

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

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(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	<i>1000</i>	<del>420</del>	<del>U</del> J
75-00-3	-----Chloroethane		18	U
75-09-2	-----Methylene chloride		18	U
67-64-1	-----Acetone		18	U
75-15-0	-----Carbon Disulfide		18	U
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		18	U
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	<i>150</i>	<del>100</del>	U 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		18	U
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	<i>920</i>	<del>540</del>	<del>U</del> J

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

83/953

Client No.

GP3-5-10-14

Lab Name: STL Buffalo Contract: \_\_\_\_\_

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: 2318

Matrix: (soil/water) SOIL Lab Sample ID: A6231809

Sample wt/vol: 5.14 (g/mL) G Lab File ID: F8859.RR

Level: (low/med) LOW Date Samp/Recv: 02/28/2006 03/03/2006

% Moisture: not dec. 45 Heated Purge: Y Date Analyzed: 03/04/2006

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

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	390	240	U
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

84/953

Client No.

GP3-5-10-14

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: 2318

Matrix: (soil/water) SOIL

Lab Sample ID: A6231809

Sample wt/vol: 5.14 (g/mL) G

Lab File ID: F8859.RR

Level: (low/med) LOW

Date Samp/Recv: 02/28/2006 03/03/2006

% Moisture: not dec. 44.9

Date Analyzed: 03/04/2006

GC Column: DB-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.	UNKNOWN	2.84	10	J

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

85/953

Client No.

GP3-5-10-14

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECN Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: 2318

Matrix: (soil/water) SOIL

Lab Sample ID: A6231809DL

Sample wt/vol: 1.14 (g/mL) G

Lab File ID: F8878.RR

Level: (low/med) LOW

Date Samp/Recv: 02/28/2006 03/03/2006

% Moisture: not dec. 45 Heated Purge: Y

Date Analyzed: 03/05/2006

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

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

CAS NO.	COMPOUND	UG/KG	Q
74-87-3	Chloromethane	80	U
74-83-9	Bromomethane	80	U
75-01-4	Vinyl chloride	1000	D
75-00-3	Chloroethane	80	U
75-09-2	Methylene chloride	80	U
67-64-1	Acetone	80	U
75-15-0	Carbon Disulfide	80	U
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	80	U
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	150	D
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	80	U
591-78-6	2-Hexanone	80	U
127-18-4	Tetrachloroethene	80	U
108-88-3	Toluene	80	U
79-34-5	1,1,2-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	80	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	80	U
156-59-2	cis-1,2-Dichloroethene	920	D

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

88/953

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GP3-5-14-17.7

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: 2318

Matrix: (soil/water) SOIL

Lab Sample ID: A6231810

Sample wt/vol: 5.01 (g/mL) G

Lab File ID: F8860.RR

Level: (low/med) LOW

Date Samp/Recv: 02/28/2006 03/03/2006

% Moisture: not dec. 52 Heated Purge: Y

Date Analyzed: 03/04/2006

GC Column: DB-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
74-87-3	-----Chloromethane	21	U
74-83-9	-----Bromomethane	21	U
75-01-4	-----Vinyl chloride	42	
75-00-3	-----Chloroethane	21	U
75-09-2	-----Methylene chloride	21	U
67-64-1	-----Acetone	21	U
75-15-0	-----Carbon Disulfide	21	U
75-35-4	-----1,1-Dichloroethene	21	U
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	21	U
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	20	J
124-48-1	-----Dibromochloromethane	21	U
79-00-5	-----1,1,2-Trichloroethane	21	U
71-43-2	-----Benzene	21	U
10061-02-6	----trans-1,3-Dichloropropene	21	U
75-25-2	-----Bromoform	21	U
108-10-1	-----4-Methyl-2-pentanone	21	U
591-78-6	-----2-Hexanone	21	U
127-18-4	-----Tetrachloroethene	21	U
108-88-3	-----Toluene	21	U
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	21	U
76-13-1	-----1,1,2-Trichloro-1,2,2-trifluoroethane	21	U
156-59-2	-----cis-1,2-Dichloroethene	91	

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

89/953

Client No.

GP3-5-14-17.7

Lab Name: STL Buffalo Contract: \_\_\_\_\_

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: 2318

Matrix: (soil/water) SOIL Lab Sample ID: A6231810

Sample wt/vol: 5.01 (g/mL) G Lab File ID: F8860.RR

Level: (low/med) LOW Date Samp/Recv: 02/28/2006 03/03/2006

% Moisture: not dec. 52 Heated Purge: Y Date Analyzed: 03/04/2006

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

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

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

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
156-60-5	trans-1,2-Dichloroethene		54	
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

90/953

Client No.

GP3-5-14-17.7

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: REONY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: 2318

Matrix: (soil/water) SOIL Lab Sample ID: A6231810

Sample wt/vol: 5.01 (g/mL) G Lab File ID: F8860.RR

Level: (low/med) LOW Date Samp/Recv: 02/28/2006 03/03/2006

% Moisture: not dec. 51.6 Date Analyzed: 03/04/2006

GC Column: DB-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	<del>HEXANE</del>	2.85	11	JN

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

91/953

Client No.

GP3-6-10-14

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: 2318

Matrix: (soil/water) SOIL

Lab Sample ID: A6231811

Sample wt/vol: 5.08 (g/mL) G

Lab File ID: F8861.RR

Level: (low/med) LOW

Date Samp/Recv: 02/28/2006 03/03/2006

% Moisture: not dec. 47 Heated Purge: Y

Date Analyzed: 03/04/2006

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(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		280	
75-00-3	-----Chloroethane		18	U
75-09-2	-----Methylene chloride		18	U
67-64-1	-----Acetone		18	U
75-15-0	-----Carbon Disulfide		18	U
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		18	U
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		15	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		18	U
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	
156-59-2	-----cis-1,2-Dichloroethene		240	

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

92/953

Client No.

GP3-6-10-14

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNV Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: 2318

Matrix: (soil/water) SOIL

Lab Sample ID: A6231811

Sample wt/vol: 5.08 (g/mL) G

Lab File ID: F8861.RR

Level: (low/med) LOW

Date Samp/Recv: 02/28/2006 03/03/2006

% Moisture: not dec. 47 Heated Purge: Y

Date Analyzed: 03/04/2006

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
156-60-5	trans-1,2-Dichloroethene		170	
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

93/953

Client No.

GP3-6-10-14

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNV

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: 2318

Matrix: (soil/water) SOIL

Lab Sample ID: A6231811

Sample wt/vol: 5.08 (g/mL) G

Lab File ID: F8861.RR

Level: (low/med) LOW

Date Samp/Recv: 02/28/2006 03/03/2006

% Moisture: not dec. 46.8

Date Analyzed: 03/04/2006

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (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

94/953

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GP3-6-14-17

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: 2318

Matrix: (soil/water) SOIL

Lab Sample ID: A6231812

Sample wt/vol: 5.07 (g/mL) G

Lab File ID: F8862.RR

Level: (low/med) LOW

Date Samp/Recv: 02/28/2006 03/03/2006

% Moisture: not dec. 52 Heated Purge: Y

Date Analyzed: 03/04/2006

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
74-87-3	-----Chloromethane		20	U
74-83-9	-----Bromomethane		20	U
75-01-4	-----Vinyl chloride		28	
75-00-3	-----Chloroethane		20	U
75-09-2	-----Methylene chloride		20	U
67-64-1	-----Acetone		20	U
75-15-0	-----Carbon Disulfide		4	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		20	U
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		2	J
124-48-1	-----Dibromochloromethane		20	U
79-00-5	-----1,1,2-Trichloroethane		20	U
71-43-2	-----Benzene		20	U
10061-02-6	----trans-1,3-Dichloropropene		20	U
75-25-2	-----Bromoform		20	U
108-10-1	-----4-Methyl-2-pentanone		20	U
591-78-6	-----2-Hexanone		20	U
127-18-4	-----Tetrachloroethene		20	U
108-88-3	-----Toluene		20	U
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		20	U
76-13-1	-----1,1,2-Trichloro-1,2,2-trifluoroethane		20	U
156-59-2	-----cis-1,2-Dichloroethene		75	

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

95/953

Client No.

GP3-6-14-17

Lab Name: STL Buffalo Contract: \_\_\_\_\_

Lab Code: REONY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: 2318

Matrix: (soil/water) SOIL

Lab Sample ID: A6231812

Sample wt/vol: 5.07 (g/mL) G

Lab File ID: F8862.RR

Level: (low/med) LOW

Date Samp/Recv: 02/28/2006 03/03/2006

% Moisture: not dec. 52 Heated Purge: Y

Date Analyzed: 03/04/2006

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
156-60-5	trans-1,2-Dichloroethene		53	
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 (MIBE)		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  
ANALYSIS DATA SHEET

97/953

Client No.

Lab Name: SIL Buffalo

Contract: \_\_\_\_\_

GP3-8-10-14

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: 2318

Matrix: (soil/water) SOIL

Lab Sample ID: A6231813

Sample wt/vol: 5.18 (g/mL) G

Lab File ID: F8863.RR

Level: (low/med) LOW

Date Samp/Recv: 02/28/2006 03/03/2006

% Moisture: not dec. 46 Heated Purge: Y

Date Analyzed: 03/04/2006

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
74-87-3	-----Chloromethane		18	U
74-83-9	-----Bromomethane		18	U
75-01-4	-----Vinyl chloride		<del>1200</del>	E
75-00-3	-----Chloroethane		18	U
75-09-2	-----Methylene chloride		18	U
67-64-1	-----Acetone		18	U
75-15-0	-----Carbon Disulfide		2	J
75-35-4	-----1,1-Dichloroethene		49	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		18	U
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		<del>3300</del>	E
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		18	U
108-88-3	-----Toluene		<del>9000</del>	E
79-34-5	-----1,1,2,2-Tetrachloroethane		54	J
108-90-7	-----Chlorobenzene		18	U
100-41-4	-----Ethylbenzene		18	U
100-42-5	-----Styrene		8	J
1330-20-7	-----Total Xylenes		18	U
76-13-1	-----1,1,2-Trichloro-1,2,2-trifluoroethane		68	J
156-59-2	-----cis-1,2-Dichloroethene		18	U
			<del>4300</del>	E

1200 J

10000 J

150,000 J

21,000 J

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

96/953

Client No.

GP3-6-14-17

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECN

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: 2318

Matrix: (soil/water) SOIL

Lab Sample ID: A6231812

Sample wt/vol: 5.07 (g/mL) G

Lab File ID: F8862.RR

Level: (low/med) LOW

Date Samp/Recv: 02/28/2006 03/03/2006

% Moisture: not dec. 51.9

Date Analyzed: 03/04/2006

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (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

98/953

Client No.

GP3-8-10-14

Lab Name: STL Buffalo Contract: \_\_\_\_\_

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: 2318

Matrix: (soil/water) SOIL Lab Sample ID: A6231813

Sample wt/vol: 5.18 (g/mL) G Lab File ID: F8863.RR

Level: (low/med) LOW Date Samp/Recv: 02/28/2006 03/03/2006

% Moisture: not dec. 46 Heated Purge: Y Date Analyzed: 03/04/2006

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

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
156-60-5	trans-1,2-Dichloroethene		150	
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		5	J
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

99/953

Client No.

GP3-8-10-14

Lab Name: STL Buffalo Contract: \_\_\_\_\_

Lab Code: RECN Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: 2318

Matrix: (soil/water) SOIL Lab Sample ID: A6231813

Sample wt/vol: 5.18 (g/mL) G Lab File ID: F8863.RR

Level: (low/med) LOW Date Samp/Recv: 02/28/2006 03/03/2006

% Moisture: not dec. 45.6 Date Analyzed: 03/04/2006

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

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (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

103/953

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GP3-8-14-18

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: 2318

Matrix: (soil/water) SOIL

Lab Sample ID: A6231814

Sample wt/vol: 5.19 (g/mL) G

Lab File ID: F8864.RR

Level: (low/med) LOW

Date Samp/Recv: 02/28/2006 03/03/2006

% Moisture: not dec. 51 Heated Purge: Y

Date Analyzed: 03/04/2006

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
74-87-3	-----Chloromethane		20	U
74-83-9	-----Bromomethane		20	U
75-01-4	-----Vinyl chloride		27	
75-00-3	-----Chloroethane		20	U
75-09-2	-----Methylene chloride		20	U
67-64-1	-----Acetone		7	J
75-15-0	-----Carbon Disulfide		6	J
75-35-4	-----1,1-Dichloroethene		10	J
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		20	U
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		20	U
124-48-1	-----Dibromochloromethane		<del>1500</del>	<del>E</del>
79-00-5	-----1,1,2-Trichloroethane		20	U
71-43-2	-----Benzene		20	U
10061-02-6	----trans-1,3-Dichloropropene		20	U
75-25-2	-----Bromoform		20	U
108-10-1	-----4-Methyl-2-pentanone		20	U
591-78-6	-----2-Hexanone		20	U
127-18-4	-----Tetrachloroethene		20	U
108-88-3	-----Toluene		8900	<del>E</del>
79-34-5	-----1,1,2,2-Tetrachloroethane		35	
108-90-7	-----Chlorobenzene		20	U
100-41-4	-----Ethylbenzene		20	U
100-42-5	-----Styrene		2	J
1330-20-7	-----Total Xylenes		20	U
76-13-1	-----1,1,2-Trichloro-1,2,2-trifluoroethane		21	
156-59-2	-----cis-1,2-Dichloroethene		20	U
			320	

3200 J

190,000

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

102/953

Client No.

GP3-8-10-14

Lab Name: STL Buffalo Contract: \_\_\_\_\_

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: 2318

Matrix: (soil/water) SOIL

Lab Sample ID: A6231813DL

Sample wt/vol: 4.00 (g/mL) G

Lab File ID: Q0587.RR

Level: (low/med) MED

Date Samp/Recv: 02/28/2006 03/03/2006

% Moisture: not dec. 45.6

Date Analyzed: 03/07/2006

GC Column: DB-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

104/953

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GP3-8-14-18

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: 2318

Matrix: (soil/water) SOIL

Lab Sample ID: A6231814

Sample wt/vol: 5.19 (g/mL) G

Lab File ID: F8864.RR

Level: (low/med) LOW

Date Samp/Recv: 02/28/2006 03/03/2006

% Moisture: not dec. 51 Heated Purge: Y

Date Analyzed: 03/04/2006

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
156-60-5	trans-1,2-Dichloroethene		12	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

105/953

Client No.

GP3-8-14-18

Lab Name: SIL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: 2318

Matrix: (soil/water) SOIL

Lab Sample ID: A6231814

Sample wt/vol: 5.19 (g/mL) G

Lab File ID: F8864.RR

Level: (low/med) LOW

Date Samp/Recv: 02/28/2006 03/03/2006

% Moisture: not dec. 50.9

Date Analyzed: 03/04/2006

GC Column: DB-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	<del>HEXANE</del>	2.85	<del>11</del>	JN 

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

109/953

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GP3-9-10-14

Lab Code: REONY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: 2318

Matrix: (soil/water) SOIL

Lab Sample ID: A6231815

Sample wt/vol: 4.06 (g/mL) G

Lab File ID: Q0558.RR

Level: (low/med) MED

Date Samp/Recv: 02/28/2006 03/03/2006

% Moisture: not dec. 46 Heated Purge: N

Date Analyzed: 03/04/2006

GC Column: DB-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:		Q
		(ug/L or ug/Kg)	UG/KG	
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		2200	U
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		3400	
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		2200	U
108-88-3	-----Toluene		<del>350000</del>	E
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

830,000

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

108/953

Client No.

GP3-8-14-18

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNV

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: 2318

Matrix: (soil/water) SOIL

Lab Sample ID: A6231814DL

Sample wt/vol: 4.05 (g/mL) G

Lab File ID: Q0588.RR

Level: (low/med) MED

Date Samp/Recv: 02/28/2006 03/03/2006

% Moisture: not dec. 50.9

Date Analyzed: 03/07/2006

GC Column: DB-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

110/953

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GP3-9-10-14

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: 2318

Matrix: (soil/water) SOIL

Lab Sample ID: A6231815

Sample wt/vol: 4.06 (g/mL) G

Lab File ID: Q0558.RR

Level: (low/med) MED

Date Samp/Recv: 02/28/2006 03/03/2006

% Moisture: not dec. 46 Heated Purge: N

Date Analyzed: 03/04/2006

GC Column: DB-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:		Q
		(ug/L or ug/Kg)	UG/KG	
156-60-5	trans-1,2-Dichloroethene	2200	U	
75-71-8	Dichlorodifluoromethane	2200	U	
75-69-4	Trichlorofluoromethane	2200	U	J
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

111/953

Client No.

GP3-9-10-14

Lab Name: STL Buffalo Contract: \_\_\_\_\_

Lab Code: RECN Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: 2318

Matrix: (soil/water) SOIL Lab Sample ID: A6231815

Sample wt/vol: 4.06 (g/mL) G Lab File ID: Q0558.RR

Level: (low/med) MED Date Samp/Recv: 02/28/2006 03/03/2006

% Moisture: not dec. 45.9 Date Analyzed: 03/04/2006

GC Column: DB-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

115/953

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GP3-9-14-18

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: 2318

Matrix: (soil/water) SOIL

Lab Sample ID: A6231816

Sample wt/vol: 4.06 (g/mL) G

Lab File ID: Q0559.RR

Level: (low/med) MED

Date Samp/Recv: 02/28/2006 03/03/2006

% Moisture: not dec. 52 Heated Purge: N

Date Analyzed: 03/04/2006

GC Column: DB-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:		Q
		(ug/L or ug/Kg)	UG/KG	
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		2500	U
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		2500	U
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		2200	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		2500	U
108-88-3	-----Toluene		950000	E
79-34-5	-----1,1,2,2-Tetrachloroethane		540	J
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		1400	J
156-59-2	-----cis-1,2-Dichloroethene		2500	U
			2500	U

OK  
2-22-06

4,200,000

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

114/953

Client No.

GP3-9-10-14

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: 2318

Matrix: (soil/water) SOIL

Lab Sample ID: A6231815DL

Sample wt/vol: 4.06 (g/mL) G

Lab File ID: Q0626.RR

Level: (low/med) MED

Date Samp/Recv: 02/28/2006 03/03/2006

% Moisture: not dec. 45.9

Date Analyzed: 03/09/2006

GC Column: DB-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

116/953

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GP3-9-14-18

Lab Code: RECN Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: 2318

Matrix: (soil/water) SOIL

Lab Sample ID: A6231816

Sample wt/vol: 4.06 (g/mL) G

Lab File ID: Q0559.RR

Level: (low/med) MED

Date Samp/Recv: 02/28/2006 03/03/2006

% Moisture: not dec. 52 Heated Purge: N

Date Analyzed: 03/04/2006

GC Column: DB-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	1400	J
106-93-4	1,2-Dibromoethane	2500	U
98-82-8	Isopropylbenzene	370	J
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

117/953

Client No.

GP3-9-14-18

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNV

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: 2318

Matrix: (soil/water) SOIL

Lab Sample ID: A6231816

Sample wt/vol: 4.06 (g/mL) G

Lab File ID: Q0559.RR

Level: (low/med) MED

Date Samp/Recv: 02/28/2006 03/03/2006

% Moisture: not dec. 52.0

Date Analyzed: 03/04/2006

GC Column: DB-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

13/591

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GP3-13-14-17

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: 2372

Matrix: (soil/water) SOIL

Lab Sample ID: A6232201

Sample wt/vol: 5.10 (g/mL) G

Lab File ID: F8882.RR

Level: (low/med) LOW

Date Samp/Recv: 03/01/2006 03/03/2006

% Moisture: not dec. 47 Heated Purge: Y

Date Analyzed: 03/05/2006

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
74-87-3	Chloromethane		18	U
74-83-9	Bromomethane		18	U
75-01-4	Vinyl chloride		50	
75-00-3	Chloroethane		18	U
75-09-2	Methylene chloride		18	U
67-64-1	Acetone		18	U
75-15-0	Carbon Disulfide		2	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		18	U
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		18	U
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		18	U
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		30	



## 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.
- ! 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

14/591

Client No.

GP3-13-14-17

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECN

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: 2372

Matrix: (soil/water) SOIL

Lab Sample ID: A6232201

Sample wt/vol: 5.10 (g/mL) G

Lab File ID: F8882.RR

Level: (low/med) LOW

Date Samp/Recv: 03/01/2006 03/03/2006

% Moisture: not dec. 47 Heated Purge: Y

Date Analyzed: 03/05/2006

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
156-60-5	trans-1,2-Dichloroethene		18	U
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

15/591

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

Client No.

GP3-13-14-17

Lab Name: STL Buffalo Contract: \_\_\_\_\_

Lab Code: RECNV Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: 2372

Matrix: (soil/water) SOIL Lab Sample ID: A6232201

Sample wt/vol: 5.10 (g/mL) G Lab File ID: F8882.RR

Level: (low/med) LOW Date Samp/Recv: 03/01/2006 03/03/2006

% Moisture: not dec. 47.2 Date Analyzed: 03/05/2006

GC Column: DB-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	<del>HEXANE</del>	2.85	<del>12</del>	<del>BJN</del>

R

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

16/591

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GP3-7-14-16.7

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: 2372

Matrix: (soil/water) SOIL

Lab Sample ID: A6232202

Sample wt/vol: 5.19 (g/mL) G

Lab File ID: F8883.RR

Level: (low/med) LOW

Date Samp/Recv: 03/02/2006 03/03/2006

% Moisture: not dec. 47 Heated Purge: Y

Date Analyzed: 03/05/2006

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(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		4	J
75-00-3	-----Chloroethane		18	U
75-09-2	-----Methylene chloride		18	U
67-64-1	-----Acetone		18	U
75-15-0	-----Carbon Disulfide		2	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		18	U
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		18	U
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		18	U
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		8	J

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

Client No.

GP3-7-14-16.7

Lab Name: STL Buffalo Contract: \_\_\_\_\_

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: 2372

Matrix: (soil/water) SOIL Lab Sample ID: A6232202

Sample wt/vol: 5.19 (g/mL) G Lab File ID: F8883.RR

Level: (low/med) LOW Date Samp/Recv: 03/02/2006 03/03/2006

% Moisture: not dec. 47 Heated Purge: Y Date Analyzed: 03/05/2006

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

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
156-60-5	trans-1,2-Dichloroethene		3	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  
ANALYSIS DATA SHEET

19/591

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB1-1-14-17

Lab Code: REQNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: 2372

Matrix: (soil/water) SOIL

Lab Sample ID: A6237203

Sample wt/vol: 4.00 (g/mL) G

Lab File ID: Q0591.RR

Level: (low/med) MED

Date Samp/Recv: 03/02/2006 03/04/2006

% Moisture: not dec. 54 Heated Purge: N

Date Analyzed: 03/07/2006

GC Column: DB-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:		Q
		(ug/L or ug/Kg)	UG/KG	
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		2600	U
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		2600	U
124-48-1	-----Dibromochloromethane		28000	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		2600	U
108-88-3	-----Toluene		<del>270000</del>	E
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		9400	

290,000 J

18/591

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

Client No.

GP3-7-14-16.7

Lab Name: STL Buffalo Contract: \_\_\_\_\_

Lab Code: RECN Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: 2372

Matrix: (soil/water) SOIL Lab Sample ID: A6232202

Sample wt/vol: 5.19 (g/mL) G Lab File ID: F8883.RR

Level: (low/med) LOW Date Samp/Recv: 03/02/2006 03/03/2006

% Moisture: not dec. 47.2 Date Analyzed: 03/05/2006

GC Column: DB-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	<del>HEXANE</del>	2.85	H	BJN <i>P</i>

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

20/591

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB1-1-14-17

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: 2372

Matrix: (soil/water) SOIL

Lab Sample ID: A6237203

Sample wt/vol: 4.00 (g/mL) G

Lab File ID: Q0591.RR

Level: (low/med) MED

Date Samp/Recv: 03/02/2006 03/04/2006

% Moisture: not dec. 54 Heated Purge: N

Date Analyzed: 03/07/2006

GC Column: DB-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:		Q
		(ug/L or ug/Kg)	UG/KG	
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.

GPB1-1-14-17

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: 2372Matrix: (soil/water) SOILLab Sample ID: A6237203Sample wt/vol: 4.00 (g/mL) GLab File ID: Q0591.RRLevel: (low/med) MEDDate Samp/Recv: 03/02/2006 03/04/2006% Moisture: not dec. 53.8Date Analyzed: 03/07/2006GC Column: DB-624 ID: 0.25 (mm)Dilution Factor: 1.00Soil 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

25/591

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB1-2-14-18

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: 2372

Matrix: (soil/water) SOIL

Lab Sample ID: A6237204

Sample wt/vol: 4.00 (g/mL) G

Lab File ID: Q0592.RR

Level: (low/med) MED

Date Samp/Recv: 03/02/2006 03/04/2006

% Moisture: not dec. 56 Heated Purge: N

Date Analyzed: 03/07/2006

GC Column: DB-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:		Q
		(ug/L or ug/Kg)	UG/KG	
74-87-3	Chloromethane		2700	U
74-83-9	Bromomethane		2700	U
75-01-4	Vinyl chloride		630	J
75-00-3	Chloroethane		2700	U
75-09-2	Methylene chloride		2700	U
67-64-1	Acetone		2700	U
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		2700	U
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		2700	U
124-48-1	Dibromochloromethane		21000	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		2700	U
108-88-3	Toluene	1400000		E
79-34-5	1,1,2,2-Tetrachloroethane	930		J
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	2700		U
		36000		

6,300,000

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

Client No.

GPB1-1-14-17 DL

Lab Name: STL Buffalo Contract: \_\_\_\_\_

Lab Code: RECN Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: 2372

Matrix: (soil/water) SOIL

Lab Sample ID: A6237203AK

Sample wt/vol: 4.00 (g/mL) G

Lab File ID: Q0608.RR

Level: (low/med) MED

Date Samp/Recv: 03/02/2006 03/04/2006

% Moisture: not dec. 53.8

Date Analyzed: 03/08/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 20.00

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

26/591

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB1-2-14-18

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: 2372

Matrix: (soil/water) SOIL

Lab Sample ID: A6237204

Sample wt/vol: 4.00 (g/mL) G

Lab File ID: Q0592.RR

Level: (low/med) MED

Date Samp/Recv: 03/02/2006 03/04/2006

% Moisture: not dec. 56 Heated Purge: N

Date Analyzed: 03/07/2006

GC Column: DB-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:		Q
		(ug/L or ug/Kg)	UG/KG	
156-60-5	trans-1,2-Dichloroethene		730	J
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		630	J
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

27/591

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

Client No.

GPB1-2-14-18

Lab Name: SIL Buffalo Contract: \_\_\_\_\_

Lab Code: RECN Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: 2372

Matrix: (soil/water) SOIL

Lab Sample ID: A6237204

Sample wt/vol: 4.00 (g/mL) G

Lab File ID: Q0592.RR

Level: (low/med) MED

Date Samp/Recv: 03/02/2006 03/04/2006

% Moisture: not dec. 56.3

Date Analyzed: 03/07/2006

GC Column: DB-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

31/591

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB1-3-10-11.8

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: 2372

Matrix: (soil/water) SOIL

Lab Sample ID: A6237205

Sample wt/vol: 4.06 (g/mL) G

Lab File ID: Q0610.RR

Level: (low/med) MED

Date Samp/Recv: 03/03/2006 03/04/2006

% Moisture: not dec. 23 Heated Purge: N

Date Analyzed: 03/08/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 200.00

Soil Extract Volume: 10000 (uL)

Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
74-87-3	-----Chloromethane		310000	U
74-83-9	-----Bromomethane		310000	U
75-01-4	-----Vinyl chloride		310000	U
75-00-3	-----Chloroethane		310000	U
75-09-2	-----Methylene chloride		310000	U
67-64-1	-----Acetone		310000	U
75-15-0	-----Carbon Disulfide		310000	U
75-35-4	-----1,1-Dichloroethene		310000	U
75-34-3	-----1,1-Dichloroethane		310000	U
67-66-3	-----Chloroform		310000	U
107-06-2	-----1,2-Dichloroethane		310000	U
78-93-3	-----2-Butanone		310000	U
71-55-6	-----1,1,1-Trichloroethane		310000	U
56-23-5	-----Carbon Tetrachloride		310000	U
75-27-4	-----Bromodichloromethane		310000	U
78-87-5	-----1,2-Dichloropropane		310000	U
10061-01-5	-----cis-1,3-Dichloropropene		310000	U
79-01-6	-----Trichloroethene		310000	U
124-48-1	-----Dibromochloromethane		310000	U
79-00-5	-----1,1,2-Trichloroethane		310000	U
71-43-2	-----Benzene		310000	U
10061-02-6	-----trans-1,3-Dichloropropene		310000	U
75-25-2	-----Bromoform		310000	U
108-10-1	-----4-Methyl-2-pentanone		310000	U
591-78-6	-----2-Hexanone		310000	U
127-18-4	-----Tetrachloroethene		310000	U
108-88-3	-----Toluene		<del>6700000</del>	E
79-34-5	-----1,1,2,2-Tetrachloroethane		310000	U
108-90-7	-----Chlorobenzene		310000	U
100-41-4	-----Ethylbenzene		310000	U
100-42-5	-----Styrene		310000	U
1330-20-7	-----Total Xylenes		310000	U
76-13-1	-----1,1,2-Trichloro-1,2,2-trifluoroethane		310000	U
156-59-2	-----cis-1,2-Dichloroethene		310000	U

6,900,000

30/591

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

Client No.

GPB1-2-14-18 DL

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: 2372

Matrix: (soil/water) SOIL

Lab Sample ID: A6237204DL

Sample wt/vol: 4.00 (g/mL) G

Lab File ID: Q0620.RR

Level: (low/med) MED

Date Samp/Recv: 03/02/2006 03/04/2006

% Moisture: not dec. 56.3

Date Analyzed: 03/08/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 200.00

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

32/591

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB1-3-10-11.8

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: 2372

Matrix: (soil/water) SOIL

Lab Sample ID: A6237205

Sample wt/vol: 4.06 (g/mL) G

Lab File ID: Q0610.RR

Level: (low/med) MED

Date Samp/Recv: 03/03/2006 03/04/2006

% Moisture: not dec. 23 Heated Purge: N

Date Analyzed: 03/08/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 200.00

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	310000	U
75-71-8	Dichlorodifluoromethane	310000	U
75-69-4	Trichlorofluoromethane	310000	U
79-20-9	Methyl acetate	310000	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	310000	U
110-82-7	Cyclohexane	310000	U
108-87-2	Methylcyclohexane	310000	U
106-93-4	1,2-Dibromoethane	310000	U
98-82-8	Isopropylbenzene	310000	U
541-73-1	1,3-Dichlorobenzene	310000	U
106-46-7	1,4-Dichlorobenzene	310000	U
95-50-1	1,2-Dichlorobenzene	310000	U
96-12-8	1,2-Dibromo-3-chloropropane	310000	U
120-82-1	1,2,4-Trichlorobenzene	310000	U

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

Client No.

GPB1-3-10-11.8

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNV

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: 2372

Matrix: (soil/water) SOIL

Lab Sample ID: A6237205

Sample wt/vol: 4.06 (g/mL) G

Lab File ID: Q0610.RR

Level: (low/med) MED

Date Samp/Recv: 03/03/2006 03/04/2006

% Moisture: not dec. 23.3

Date Analyzed: 03/08/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 200.00

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

37/591

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB1-4-14-17.6

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: 2372

Matrix: (soil/water) SOIL

Lab Sample ID: A6237206

Sample wt/vol: 4.00 (g/mL) G

Lab File ID: Q0611.RR

Level: (low/med) MED

Date Samp/Recv: 03/03/2006 03/04/2006

% Moisture: not dec. 59 Heated Purge: N

Date Analyzed: 03/08/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 100.00

Soil Extract Volume: 10000 (uL)

Soil Aliquot Volume: 100.00 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	<u>UG/KG</u> <u>Q</u>
74-87-3	-----Chloromethane	290000	U
74-83-9	-----Bromomethane	290000	U
75-01-4	-----Vinyl chloride	290000	U
75-00-3	-----Chloroethane	290000	U
75-09-2	-----Methylene chloride	290000	U
67-64-1	-----Acetone	290000	U
75-15-0	-----Carbon Disulfide	290000	U
75-35-4	-----1,1-Dichloroethene	290000	U
75-34-3	-----1,1-Dichloroethane	290000	U
67-66-3	-----Chloroform	290000	U
107-06-2	-----1,2-Dichloroethane	290000	U
78-93-3	-----2-Butanone	290000	U
71-55-6	-----1,1,1-Trichloroethane	290000	U
56-23-5	-----Carbon Tetrachloride	290000	U
75-27-4	-----Bromodichloromethane	290000	U
78-87-5	-----1,2-Dichloropropane	290000	U
10061-01-5	----cis-1,3-Dichloropropene	290000	U
79-01-6	-----Trichloroethene	290000	U
124-48-1	-----Dibromochloromethane	290000	U
79-00-5	-----1,1,2-Trichloroethane	290000	U
71-43-2	-----Benzene	290000	U
10061-02-6	----trans-1,3-Dichloropropene	290000	U
75-25-2	-----Bromoform	290000	U
108-10-1	-----4-Methyl-2-pentanone	290000	U
591-78-6	-----2-Hexanone	290000	U
127-18-4	-----Tetrachloroethene	290000	U
108-88-3	-----Toluene	4400000	
79-34-5	-----1,1,2,2-Tetrachloroethane	290000	U
108-90-7	-----Chlorobenzene	290000	U
100-41-4	-----Ethylbenzene	290000	U
100-42-5	-----Styrene	290000	U
1330-20-7	-----Total Xylenes	290000	U
76-13-1	-----1,1,2-Trichloro-1,2,2-trifluoroethane	290000	U
156-59-2	-----cis-1,2-Dichloroethene	79000	J

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

Client No.

GPB1-3-10-11.8 DL

Lab Name: SIL Buffalo Contract: \_\_\_\_\_

Lab Code: RECNV Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: 2372

Matrix: (soil/water) SOIL

Lab Sample ID: A6237205DL

Sample wt/vol: 4.06 (g/mL) G

Lab File ID: Q0621.RR

Level: (low/med) MED

Date Samp/Recv: 03/03/2006 03/04/2006

% Moisture: not dec. 23.3

Date Analyzed: 03/08/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 400.00

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

38/591

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB1-4-14-17.6

Lab Code: REQNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: 2372

Matrix: (soil/water) SOIL

Lab Sample ID: A6237206

Sample wt/vol: 4.00 (g/mL) G

Lab File ID: Q0611.RR

Level: (low/med) MED

Date Samp/Recv: 03/03/2006 03/04/2006

% Moisture: not dec. 59 Heated Purge: N

Date Analyzed: 03/08/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 100.00

Soil Extract Volume: 10000 (uL)

Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/KG
156-60-5	trans-1,2-Dichloroethene	290000	U
75-71-8	Dichlorodifluoromethane	290000	U
75-69-4	Trichlorofluoromethane	290000	U
79-20-9	Methyl acetate	290000	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	290000	U
110-82-7	Cyclohexane	290000	U
108-87-2	Methylcyclohexane	290000	U
106-93-4	1,2-Dibromoethane	290000	U
98-82-8	Isopropylbenzene	290000	U
541-73-1	1,3-Dichlorobenzene	290000	U
106-46-7	1,4-Dichlorobenzene	290000	U
95-50-1	1,2-Dichlorobenzene	290000	U
96-12-8	1,2-Dibromo-3-chloropropane	290000	U
120-82-1	1,2,4-Trichlorobenzene	290000	U

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

Client No.

GPB1-4-14-17.6

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: 2372Matrix: (soil/water) SOILLab Sample ID: A6237206Sample wt/vol: 4.00 (g/mL) GLab File ID: Q0611.RRLevel: (low/med) MEDDate Samp/Recv: 03/03/2006 03/04/2006% Moisture: not dec. 58.8Date Analyzed: 03/08/2006GC Column: DB-624 ID: 0.25 (mm)Dilution Factor: 100.00Soil Extract Volume: 10000 (uL)Soil Aliquot Volume: 100.00 (uL)Number TICs found: 0CONCENTRATION 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

40/591

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB1-5-14-17

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: 2372

Matrix: (soil/water) SOIL

Lab Sample ID: A6237207

Sample wt/vol: 5.04 (g/mL) G

Lab File ID: F8908.RR

Level: (low/med) LOW

Date Samp/Recv: 03/03/2006 03/04/2006

% Moisture: not dec. 53 Heated Purge: Y

Date Analyzed: 03/08/2006

GC Column: DB-624 ID: 0.53 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
74-87-3	-----Chloromethane		21	U
74-83-9	-----Bromomethane		21	U
75-01-4	-----Vinyl chloride		21	U
75-00-3	-----Chloroethane		21	U
75-09-2	-----Methylene chloride		21	U
67-64-1	-----Acetone		21	U
75-15-0	-----Carbon Disulfide		21	U
75-35-4	-----1,1-Dichloroethene		21	U
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		21	U
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		25	U
124-48-1	-----Dibromochloromethane		21	U
79-00-5	-----1,1,2-Trichloroethane		21	U
71-43-2	-----Benzene		21	U
10061-02-6	-----trans-1,3-Dichloropropene		21	U
75-25-2	-----Bromoform		21	U
108-10-1	-----4-Methyl-2-pentanone		21	U
591-78-6	-----2-Hexanone		21	U
127-18-4	-----Tetrachloroethene		21	U
108-88-3	-----Toluene		42	U
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		21	U
76-13-1	-----1,1,2-Trichloro-1,2,2-trifluoroethane		21	U
156-59-2	-----cis-1,2-Dichloroethene		200	U

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

Client No.

GPB1-5-14-17

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECN

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: 2372Matrix: (soil/water) SOILLab Sample ID: A6237207Sample wt/vol: 5.04 (g/mL) GLab File ID: F8908.RRLevel: (low/med) LOWDate Samp/Recv: 03/03/2006 03/04/2006% Moisture: not dec. 53 Heated Purge: YDate Analyzed: 03/08/2006GC Column: DB-624 ID: 0.53 (mm)Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

## CONCENTRATION UNITS:

(ug/L or ug/Kg)

UG/KG

Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	13		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

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Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB1-5-14-17

Lab Code: RECN

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: 2372

Matrix: (soil/water) SOIL

Lab Sample ID: A6237207

Sample wt/vol: 5.04 (g/mL) G

Lab File ID: F8908.RR

Level: (low/med) LOW

Date Samp/Recv: 03/03/2006 03/04/2006

% Moisture: not dec. 53.4

Date Analyzed: 03/08/2006

GC Column: DB-624 ID: 0.53 (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	<del>HEXANE</del>	2.85	18	<del>BJN</del> R

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

Client No.

GPB1-6-14-17.7

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECONY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: 2372

Matrix: (soil/water) SOIL

Lab Sample ID: A6237208

Sample wt/vol: 4.08 (g/mL) G

Lab File ID: Q0622.RR

Level: (low/med) MED

Date Samp/Recv: 03/03/2006 03/04/2006

% Moisture: not dec. 55 Heated Purge: N

Date Analyzed: 03/08/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 100.00

Soil Extract Volume: 10000 (uL)

Soil Aliquot Volume: 100.00 (uL)

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

UG/KG

Q

CAS NO.	COMPOUND	UG/KG	Q
74-87-3	Chloromethane	260000	U
74-83-9	Bromomethane	260000	U
75-01-4	Vinyl chloride	260000	U
75-00-3	Chloroethane	260000	U
75-09-2	Methylene chloride	260000	U
67-64-1	Acetone	260000	U
75-15-0	Carbon Disulfide	260000	U
75-35-4	1,1-Dichloroethene	260000	U
75-34-3	1,1-Dichloroethane	260000	U
67-66-3	Chloroform	260000	U
107-06-2	1,2-Dichloroethane	260000	U
78-93-3	2-Butanone	260000	U
71-55-6	1,1,1-Trichloroethane	260000	U
56-23-5	Carbon Tetrachloride	260000	U
75-27-4	Bromodichloromethane	260000	U
78-87-5	1,2-Dichloropropane	260000	U
10061-01-5	cis-1,3-Dichloropropene	110000	J
79-01-6	Trichloroethene	260000	U
124-48-1	Dibromochloromethane	260000	U
79-00-5	1,1,2-Trichloroethane	260000	U
71-43-2	Benzene	260000	U
10061-02-6	trans-1,3-Dichloropropene	260000	U
75-25-2	Bromoform	260000	U
108-10-1	4-Methyl-2-pentanone	260000	U
591-78-6	2-Hexanone	4700000	B
127-18-4	Tetrachloroethene	260000	U
108-88-3	Toluene	260000	U
79-34-5	1,1,2,2-Tetrachloroethane	260000	U
108-90-7	Chlorobenzene	260000	U
100-41-4	Ethylbenzene	260000	U
100-42-5	Styrene	260000	U
1330-20-7	Total Xylenes	260000	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	260000	U
156-59-2	cis-1,2-Dichloroethene	260000	U



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

44/591

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB1-6-14-17.7

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: 2372

Matrix: (soil/water) SOIL

Lab Sample ID: A6237208

Sample wt/vol: 4.08 (g/mL) G

Lab File ID: Q0622.RR

Level: (low/med) MED

Date Samp/Recv: 03/03/2006 03/04/2006

% Moisture: not dec. 55 Heated Purge: N

Date Analyzed: 03/08/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 100.00

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	260000	U
75-71-8	Dichlorodifluoromethane	260000	U
75-69-4	Trichlorofluoromethane	260000	U
79-20-9	Methyl acetate	260000	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	260000	U
110-82-7	Cyclohexane	260000	U
108-87-2	Methylcyclohexane	260000	U
106-93-4	1,2-Dibromoethane	260000	U
98-82-8	Isopropylbenzene	260000	U
541-73-1	1,3-Dichlorobenzene	260000	U
106-46-7	1,4-Dichlorobenzene	260000	U
95-50-1	1,2-Dichlorobenzene	260000	U
96-12-8	1,2-Dibromo-3-chloropropane	260000	U
120-82-1	1,2,4-Trichlorobenzene	260000	U

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

Client No.

GPB1-6-14-17.7

Lab Name: STL Buffalo Contract: \_\_\_\_\_

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: 2372

Matrix: (soil/water) SOIL Lab Sample ID: A6237208

Sample wt/vol: 4.08 (g/mL) G Lab File ID: Q0622.RR

Level: (low/med) MED Date Samp/Recv: 03/03/2006 03/04/2006

% Moisture: not dec. 55.3 Date Analyzed: 03/08/2006

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 100.00

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

46/591

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPS1-1-10-14

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: 2372

Matrix: (soil/water) SOIL

Lab Sample ID: A6237201

Sample wt/vol: 5.08 (g/mL) G

Lab File ID: F8906.RR

Level: (low/med) LOW

Date Samp/Recv: 03/02/2006 03/04/2006

% Moisture: not dec. 51 Heated Purge: Y

Date Analyzed: 03/08/2006

GC Column: DB-624 ID: 0.53 (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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	<u>UG/KG</u>	Q
74-87-3	Chloromethane		20	U
74-83-9	Bromomethane		20	U
75-01-4	Vinyl chloride		20	U
75-00-3	Chloroethane		20	U
75-09-2	Methylene chloride		20	U
67-64-1	Acetone		20	U
75-15-0	Carbon Disulfide		20	U
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		20	U
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		20	U
124-48-1	Dibromochloromethane		3	J
79-00-5	1,1,2-Trichloroethane		20	U
71-43-2	Benzene		20	U
10061-02-6	trans-1,3-Dichloropropene		20	U
75-25-2	Bromoform		20	U
108-10-1	4-Methyl-2-pentanone		20	U
591-78-6	2-Hexanone		20	U
127-18-4	Tetrachloroethene		20	U
108-88-3	Toluene		20	U
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		20	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane		20	U
156-59-2	cis-1,2-Dichloroethene		20	U
			7	J

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

Client No.

GPS1-1-10-14

Lab Name: STL Buffalo Contract: \_\_\_\_\_

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: 2372

Matrix: (soil/water) SOIL

Lab Sample ID: A6237201

Sample wt/vol: 5.08 (g/mL) G

Lab File ID: F8906.RR

Level: (low/med) LOW

Date Samp/Recv: 03/02/2006 03/04/2006

% Moisture: not dec. 51 Heated Purge: Y

Date Analyzed: 03/08/2006

GC Column: DB-624 ID: 0.53 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

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

CAS NO.	COMPOUND	UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	20	U
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

48/591

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPS1-1-10-14

Lab Code: RECN Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: 2372

Matrix: (soil/water) SOIL

Lab Sample ID: A6237201

Sample wt/vol: 5.08 (g/mL) G

Lab File ID: F8906.RR

Level: (low/med) LOW

Date Samp/Recv: 03/02/2006 03/04/2006

% Moisture: not dec. 51.5

Date Analyzed: 03/08/2006

GC Column: DB-624 ID: 0.53 (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	<del>HEXANE</del>	2.85	<del>16</del>	<del>BJN</del>

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

Client No.

GPS1-4-10-14

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: 2372

Matrix: (soil/water) SOIL

Lab Sample ID: A6237202

Sample wt/vol: 5.01 (g/mL) G

Lab File ID: F8907.RR

Level: (low/med) LOW

Date Samp/Recv: 03/02/2006 03/04/2006

% Moisture: not dec. 62 Heated Purge: Y

Date Analyzed: 03/08/2006

GC Column: DB-624 ID: 0.53 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

CAS NO.	COMPOUND	UG/KG	Q
74-87-3	-----Chloromethane	26	U
74-83-9	-----Bromomethane	26	U
75-01-4	-----Vinyl chloride	26	U
75-00-3	-----Chloroethane	26	U
75-09-2	-----Methylene chloride	26	U
67-64-1	-----Acetone	26	U
75-15-0	-----Carbon Disulfide	26	U
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	26	U
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	9	J
79-01-6	-----Trichloroethene	26	U
124-48-1	-----Dibromochloromethane	26	U
79-00-5	-----1,1,2-Trichloroethane	5	J
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	5	J
127-18-4	-----Tetrachloroethene	26	U
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	7	J

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

50/591

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPS1-4-10-14

Lab Code: RECN

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: 2372

Matrix: (soil/water) SOIL

Lab Sample ID: A6237202

Sample wt/vol: 5.01 (g/mL) G

Lab File ID: F8907.RR

Level: (low/med) LOW

Date Samp/Recv: 03/02/2006 03/04/2006

% Moisture: not dec. 62 Heated Purge: Y

Date Analyzed: 03/08/2006

GC Column: DB-624 ID: 0.53 (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	26	U
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

51/591

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

Client No.

GPS1-4-10-14

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: REONY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: 2372

Matrix: (soil/water) SOIL

Lab Sample ID: A6237202

Sample wt/vol: 5.01 (g/mL) G

Lab File ID: F8907.RR

Level: (low/med) LOW

Date Samp/Recv: 03/02/2006 03/04/2006

% Moisture: not dec. 62.0

Date Analyzed: 03/08/2006

GC Column: DB-624 ID: 0.53 (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	<del>HEXANE</del>	2.85	22	BJN

R



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

13/651

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GFB1-7-14-18

Lab Code: RECN

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6253701

Sample wt/vol: 4.05 (g/mL) G

Lab File ID: Q0661.RR

Level: (low/med) MED

Date Samp/Recv: 03/06/2006 03/09/2006

% Moisture: not dec. 53 Heated Purge: N

Date Analyzed: 03/10/2006

GC Column: DB-624 ID: 0.53 (mm)

Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL)

Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	<u>UG/KG</u>	
74-87-3	-----Chloromethane		2500	U
74-83-9	-----Bromomethane		2500	U
75-01-4	-----Vinyl chloride		2300	J
75-00-3	-----Chloroethane		2500	U
75-09-2	-----Methylene chloride		2500	U
67-64-1	-----Acetone		2500	U
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		2500	U
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		2500	U
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
			17000	



## 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.
- ! 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

14/651

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB1-7-14-18

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6253701

Sample wt/vol: 4.05 (g/mL) G

Lab File ID: Q0661.RR

Level: (low/med) MED

Date Samp/Recv: 03/06/2006 03/09/2006

% Moisture: not dec. 53 Heated Purge: N

Date Analyzed: 03/10/2006

GC Column: DB-624 ID: 0.53 (mm)

Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL)

Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
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.

GPB1-7-14-18

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6253701

Sample wt/vol: 4.05 (g/mL) G

Lab File ID: Q0661.RR

Level: (low/med) MED

Date Samp/Recv: 03/06/2006 03/09/2006

% Moisture: not dec. 53.3

Date Analyzed: 03/10/2006

GC Column: DB-624 ID: 0.53 (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

16/651

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB1-8-14-18

Lab Code: RECNY Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6253702

Sample wt/vol: 4.13 (g/mL) G

Lab File ID: Q0636.RR

Level: (low/med) MED

Date Samp/Recv: 03/06/2006 03/09/2006

% Moisture: not dec. 55 Heated Purge: N

Date Analyzed: 03/09/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 100.00

Soil Extract Volume: 10000 (uL)

Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>		<u>Q</u>
74-87-3	Chloromethane	260000		U
74-83-9	Bromomethane	260000		U
75-01-4	Vinyl chloride	260000		U
75-00-3	Chloroethane	260000		U
75-09-2	Methylene chloride	260000		U
67-64-1	Acetone	260000		U
75-15-0	Carbon Disulfide	260000		U
75-35-4	1,1-Dichloroethene	260000		U
75-34-3	1,1-Dichloroethane	260000		U
67-66-3	Chloroform	260000		U
107-06-2	1,2-Dichloroethane	260000		U
78-93-3	2-Butanone	260000		U
71-55-6	1,1,1-Trichloroethane	260000		U
56-23-5	Carbon Tetrachloride	260000		U
75-27-4	Bromodichloromethane	260000		U
78-87-5	1,2-Dichloropropane	260000		U
10061-01-5	cis-1,3-Dichloropropene	260000		U
79-01-6	Trichloroethene	260000		U
124-48-1	Dibromochloromethane	260000		U
79-00-5	1,1,2-Trichloroethane	260000		U
71-43-2	Benzene	260000		U
10061-02-6	trans-1,3-Dichloropropene	260000		U
75-25-2	Bromoform	260000		U
108-10-1	4-Methyl-2-pentanone	260000		U
591-78-6	2-Hexanone	260000		U
127-18-4	Tetrachloroethene	260000		U
108-88-3	Toluene	2800000		U
79-34-5	1,1,2,2-Tetrachloroethane	260000		U
108-90-7	Chlorobenzene	260000		U
100-41-4	Ethylbenzene	260000		U
100-42-5	Styrene	260000		U
1330-20-7	Total Xylenes	260000		U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	260000		U
156-59-2	cis-1,2-Dichloroethene	260000		U
		58000		J

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

Client No.

GPB1-8-14-18

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6253702

Sample wt/vol: 4.13 (g/mL) G

Lab File ID: Q0636.RR

Level: (low/med) MED

Date Samp/Recv: 03/06/2006 03/09/2006

% Moisture: not dec. 55 Heated Purge: N

Date Analyzed: 03/09/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 100.00

Soil Extract Volume: 10000 (uL)

Soil Aliquot Volume: 100.00 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg)

UG/KG

Q

CAS NO.	COMPOUND	CONCENTRATION	UNIT
156-60-5	trans-1,2-Dichloroethene	260000	U
75-71-8	Dichlorodifluoromethane	260000	U
75-69-4	Trichlorofluoromethane	260000	U
79-20-9	Methyl acetate	260000	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	260000	U
110-82-7	Cyclohexane	260000	U
108-87-2	Methylcyclohexane	260000	U
106-93-4	1,2-Dibromoethane	260000	U
98-82-8	Isopropylbenzene	260000	U
541-73-1	1,3-Dichlorobenzene	260000	U
106-46-7	1,4-Dichlorobenzene	260000	U
95-50-1	1,2-Dichlorobenzene	260000	U
96-12-8	1,2-Dibromo-3-chloropropane	260000	U
120-82-1	1,2,4-Trichlorobenzene	260000	U

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

18/651

Client No.

GPB1-8-14-18

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: REONY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6253702

Sample wt/vol: 4.13 (g/mL) G

Lab File ID: Q0636.RR

Level: (low/med) MED

Date Samp/Recv: 03/06/2006 03/09/2006

% Moisture: not dec. 55.1

Date Analyzed: 03/09/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 100.00

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.

GPB3-1-14-18

Lab Name: SIL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6253703

Sample wt/vol: 5.00 (g/mL) G

Lab File ID: F8960.RR

Level: (low/med) LOW

Date Samp/Recv: 03/06/2006 03/09/2006

% Moisture: not dec. 54 Heated Purge: Y

Date Analyzed: 03/10/2006

GC Column: DB-624 ID: 0.53 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg)

UG/KG

Q

CAS NO.	COMPOUND	UG/KG	Q
74-87-3	-----Chloromethane	22	U
74-83-9	-----Bromomethane	22	U
75-01-4	-----Vinyl chloride	13	J
75-00-3	-----Chloroethane	22	U
75-09-2	-----Methylene chloride	22	U
67-64-1	-----Acetone	22	U
75-15-0	-----Carbon Disulfide	22	U
75-35-4	-----1,1-Dichloroethene	22	U
75-34-3	-----1,1-Dichloroethane	22	U
67-66-3	-----Chloroform	22	U
107-06-2	-----1,2-Dichloroethane	22	U
78-93-3	-----2-Butanone	22	U
71-55-6	-----1,1,1-Trichloroethane	22	U
56-23-5	-----Carbon Tetrachloride	22	U
75-27-4	-----Bromodichloromethane	22	U
78-87-5	-----1,2-Dichloropropane	22	U
10061-01-5	-----cis-1,3-Dichloropropene	49	
79-01-6	-----Trichloroethene	22	U
124-48-1	-----Dibromochloromethane	22	U
79-00-5	-----1,1,2-Trichloroethane	22	U
71-43-2	-----Benzene	22	U
10061-02-6	-----trans-1,3-Dichloropropene	22	U
75-25-2	-----Bromoform	22	U
108-10-1	-----4-Methyl-2-pentanone	22	U
591-78-6	-----2-Hexanone	3	J
127-18-4	-----Tetrachloroethene	22	U
108-88-3	-----Toluene	22	U
79-34-5	-----1,1,2,2-Tetrachloroethane	22	U
108-90-7	-----Chlorobenzene	22	U
100-41-4	-----Ethylbenzene	22	U
100-42-5	-----Styrene	22	U
1330-20-7	-----Total Xylenes	22	U
76-13-1	-----1,1,2-Trichloro-1,2,2-trifluoroethane	22	
156-59-2	-----cis-1,2-Dichloroethene	310	



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

20/651

Client No.

Lab Name: SIL Buffalo

Contract: \_\_\_\_\_

GPB3-1-14-18

Lab Code: REONY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6253703

Sample wt/vol: 5.00 (g/mL) G

Lab File ID: F8960.RR

Level: (low/med) LOW

Date Samp/Recv: 03/06/2006 03/09/2006

% Moisture: not dec. 54 Heated Purge: Y

Date Analyzed: 03/10/2006

GC Column: DB-624 ID: 0.53 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
156-60-5	trans-1,2-Dichloroethene		35	
75-71-8	Dichlorodifluoromethane		22	U
75-69-4	Trichlorofluoromethane		22	U
79-20-9	Methyl acetate		22	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)		22	U
110-82-7	Cyclohexane		22	U
108-87-2	Methylcyclohexane		22	U
106-93-4	1,2-Dibromoethane		22	U
98-82-8	Isopropylbenzene		22	U
541-73-1	1,3-Dichlorobenzene		22	U
106-46-7	1,4-Dichlorobenzene		22	U
95-50-1	1,2-Dichlorobenzene		22	U
96-12-8	1,2-Dibromo-3-chloropropane		22	U
120-82-1	1,2,4-Trichlorobenzene		22	U

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

Client No.

GPB3-1-14-18

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECONY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOILLab Sample ID: A6253703Sample wt/vol: 5.00 (g/mL) GLab File ID: F8960.RRLevel: (low/med) LOWDate Samp/Recv: 03/06/2006 03/09/2006% Moisture: not dec. 53.8Date Analyzed: 03/10/2006GC Column: DB-624 ID: 0.53 (mm)Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

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

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 110-54-3	HEXANE	2.85	22	JN

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

22/651

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB3-10-14-17.5

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6253715

Sample wt/vol: 4.05 (g/mL) G

Lab File ID: Q0679.RR

Level: (low/med) MED

Date Samp/Recv: 03/07/2006 03/09/2006

% Moisture: not dec. 46 Heated Purge: N

Date Analyzed: 03/11/2006

GC Column: DB-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

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	2200		U
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	2200		U
124-48-1	Dibromochloromethane	3400		
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	2200		U
108-88-3	Toluene	8800		
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
		4000		

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

Client No.

GPB3-10-14-17.5

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: REONY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOILLab Sample ID: A6253715Sample wt/vol: 4.05 (g/mL) GLab File ID: Q0679.RRLevel: (low/med) MEDDate Samp/Recv: 03/07/2006 03/09/2006% Moisture: not dec. 46 Heated Purge: NDate Analyzed: 03/11/2006GC Column: DB-624 ID: 0.25 (mm)Dilution Factor: 1.00Soil Extract Volume: 10000 (uL)Soil Aliquot Volume: 100.00 (uL)

## CONCENTRATION UNITS:

(ug/L or ug/Kg)

UG/KG

Q

CAS NO.	COMPOUND	(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

24/651

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB3-10-14-17.5

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6253715

Sample wt/vol: 4.05 (g/mL) G

Lab File ID: Q0679.RR

Level: (low/med) MED

Date Samp/Recv: 03/07/2006 03/09/2006

% Moisture: not dec. 46.3

Date Analyzed: 03/11/2006

GC Column: DB-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.

GPB3-11-14-18

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6253716

Sample wt/vol: 4.04 (g/mL) G

Lab File ID: Q0650.RR

Level: (low/med) MED

Date Samp/Recv: 03/08/2006 03/09/2006

% Moisture: not dec. 51 Heated Purge: N

Date Analyzed: 03/10/2006

GC Column: DB-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

Q

CAS NO.	COMPOUND	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	2400	U
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	2400	U
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	530	J
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	570	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	9300	

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

26/651

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB3-11-14-18

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6253716

Sample wt/vol: 4.04 (g/mL) G

Lab File ID: Q0650.RR

Level: (low/med) MED

Date Samp/Recv: 03/08/2006 03/09/2006

% Moisture: not dec. 51 Heated Purge: N

Date Analyzed: 03/10/2006

GC Column: DB-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.

GPB3-11-14-18

Lab Name: SIL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECONY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOILLab Sample ID: A6253716Sample wt/vol: 4.04 (g/mL) GLab File ID: Q0650.RRLevel: (low/med) MEDDate Samp/Recv: 03/08/2006 03/09/2006% Moisture: not dec. 50.6Date Analyzed: 03/10/2006GC Column: DB-624 ID: 0.25 (mm)Dilution Factor: 1.00Soil Extract Volume: 10000 (uL)Soil Aliquot Volume: 100.00 (uL)Number TICs found: 0CONCENTRATION 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

28/651

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB3-12-14-17.5

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6253717

Sample wt/vol: 4.08 (g/mL) G

Lab File ID: Q0651.RR

Level: (low/med) MED

Date Samp/Recv: 03/08/2006 03/09/2006

% Moisture: not dec. 62 Heated Purge: N

Date Analyzed: 03/10/2006

GC Column: DB-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

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		3100	U
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		3100	U
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		2100	J
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		3100	U
108-88-3	Toluene		19000	
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
			8000	

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

Client No.

GPB3-12-14-17.5

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNV

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6253717

Sample wt/vol: 4.08 (g/mL) G

Lab File ID: Q0651.RR

Level: (low/med) MED

Date Samp/Recv: 03/08/2006 03/09/2006

% Moisture: not dec. 62 Heated Purge: N

Date Analyzed: 03/10/2006

GC Column: DB-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

Q

CAS NO.	COMPOUND	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

30/651

Client No.

GPB3-12-14-17.5

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: REONY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6253717

Sample wt/vol: 4.08 (g/mL) G

Lab File ID: Q0651.RR

Level: (low/med) MED

Date Samp/Recv: 03/08/2006 03/09/2006

% Moisture: not dec. 62.2

Date Analyzed: 03/10/2006

GC Column: DB-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.

GPB3-13-6-10

Lab Name: STL Buffalo Contract: \_\_\_\_\_

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6253718

Sample wt/vol: 4.06 (g/mL) G

Lab File ID: Q0652.RR

Level: (low/med) MED

Date Samp/Recv: 03/08/2006 03/09/2006

% Moisture: not dec. 62 Heated Purge: N

Date Analyzed: 03/10/2006

GC Column: DB-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

Q

CAS NO.	COMPOUND	(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	3200		
75-00-3	Chloroethane	3100		U
75-09-2	Methylene chloride	3100		U
67-64-1	Acetone	3100		U
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	3100		U
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	3100		U
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		
156-59-2	cis-1,2-Dichloroethene	20000		

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

32/651

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB3-13-6-10

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6253718

Sample wt/vol: 4.06 (g/mL) G

Lab File ID: Q0652.RR

Level: (low/med) MED

Date Samp/Recv: 03/08/2006 03/09/2006

% Moisture: not dec. 62 Heated Purge: N

Date Analyzed: 03/10/2006

GC Column: DB-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:		Q
		(ug/L or ug/Kg)	UG/KG	
156-60-5	trans-1,2-Dichloroethene		1800	J
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.

GPB3-13-6-10

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: REONY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOILLab Sample ID: A6253718Sample wt/vol: 4.06 (g/mL) GLab File ID: Q0652.RRLevel: (low/med) MEDDate Samp/Recv: 03/08/2006 03/09/2006% Moisture: not dec. 62.1Date Analyzed: 03/10/2006GC Column: DB-624 ID: 0.25 (mm)Dilution Factor: 1.00Soil 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

34/651

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB3-14-14-17

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6253719

Sample wt/vol: 4.05 (g/mL) G

Lab File ID: Q0653.RR

Level: (low/med) MED

Date Samp/Recv: 03/08/2006 03/09/2006

% Moisture: not dec. 58 Heated Purge: N

Date Analyzed: 03/10/2006

GC Column: DB-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

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		2800	U
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		2800	U
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		2800	U
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		2800	U
108-88-3	Toluene		2200	J
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		2800	U
			9800	

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

Client No.

GPB3-14-14-17

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOILLab Sample ID: A6253719Sample wt/vol: 4.05 (g/mL) GLab File ID: Q0653.RRLevel: (low/med) MEDDate Samp/Recv: 03/08/2006 03/09/2006% Moisture: not dec. 58 Heated Purge: NDate Analyzed: 03/10/2006GC Column: DB-624 ID: 0.25 (mm)Dilution Factor: 1.00Soil Extract Volume: 10000 (uL)Soil Aliquot Volume: 100.00 (uL)

## CONCENTRATION UNITS:

(ug/L or ug/Kg)

UG/KGQ

CAS NO.	COMPOUND	(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

36/651

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB3-14-14-17

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6253719

Sample wt/vol: 4.05 (g/mL) G

Lab File ID: Q0653.RR

Level: (low/med) MED

Date Samp/Recv: 03/08/2006 03/09/2006

% Moisture: not dec. 57.5

Date Analyzed: 03/10/2006

GC Column: DB-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.

GPE3-2-14-18

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6253704

Sample wt/vol: 4.16 (g/mL) G

Lab File ID: Q0662.RR

Level: (low/med) MED

Date Samp/Recv: 03/06/2006 03/09/2006

% Moisture: not dec. 50 Heated Purge: N

Date Analyzed: 03/10/2006

GC Column: DB-624 ID: 0.53 (mm)

Dilution Factor: 10.00

Soil Extract Volume: 10000 (uL)

Soil Aliquot Volume: 100.00 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg)

UG/KG

Q

CAS NO.	COMPOUND	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	23000	U
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	69000	U
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	580000	E
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	14000	J

600,000

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

38/651

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB3-2-14-18

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6253704

Sample wt/vol: 4.16 (g/mL) G

Lab File ID: Q0662.RR

Level: (low/med) MED

Date Samp/Recv: 03/06/2006 03/09/2006

% Moisture: not dec. 50 Heated Purge: N

Date Analyzed: 03/10/2006

GC Column: DB-624 ID: 0.53 (mm)

Dilution Factor: 10.00

Soil Extract Volume: 10000 (uL)

Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
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.

GPE3-2-14-18

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: REONY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOILLab Sample ID: A6253704Sample wt/vol: 4.16 (g/mL) GLab File ID: 00662.RRLevel: (low/med) MEDDate Samp/Recv: 03/06/2006 03/09/2006% Moisture: not dec. 50.5Date Analyzed: 03/10/2006GC Column: DB-624 ID: 0.53 (mm)Dilution Factor: 10.00Soil 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

43/651

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB3-3-14-17.5

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6253705

Sample wt/vol: 4.05 (g/mL) G

Lab File ID: Q0663.RR

Level: (low/med) MED

Date Samp/Recv: 03/06/2006 03/09/2006

% Moisture: not dec. 60 Heated Purge: N

Date Analyzed: 03/10/2006

GC Column: DB-624 ID: 0.53 (mm)

Dilution Factor: 4.00

Soil Extract Volume: 10000 (uL)

Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
74-87-3	-----Chloromethane		12000	U
74-83-9	-----Bromomethane		12000	U
75-01-4	-----Vinyl chloride		12000	U
75-00-3	-----Chloroethane		12000	U
75-09-2	-----Methylene chloride		12000	U
67-64-1	-----Acetone		12000	U
75-15-0	-----Carbon Disulfide		12000	U
75-35-4	-----1,1-Dichloroethene		12000	U
75-34-3	-----1,1-Dichloroethane		12000	U
67-66-3	-----Chloroform		12000	U
107-06-2	-----1,2-Dichloroethane		12000	U
78-93-3	-----2-Butanone		12000	U
71-55-6	-----1,1,1-Trichloroethane		12000	U
56-23-5	-----Carbon Tetrachloride		12000	U
75-27-4	-----Bromodichloromethane		12000	U
78-87-5	-----1,2-Dichloropropane		12000	U
10061-01-5	-----cis-1,3-Dichloropropene		12000	U
79-01-6	-----Trichloroethene		12000	U
124-48-1	-----Dibromochloromethane		100000	
79-00-5	-----1,1,2-Trichloroethane		12000	U
71-43-2	-----Benzene		12000	U
10061-02-6	-----trans-1,3-Dichloropropene		12000	U
75-25-2	-----Bromoform		12000	U
108-10-1	-----4-Methyl-2-pentanone		12000	U
591-78-6	-----2-Hexanone		12000	U
127-18-4	-----Tetrachloroethene		12000	U
108-88-3	-----Toluene	260000		<del>E</del>
79-34-5	-----1,1,2,2-Tetrachloroethane		12000	U
108-90-7	-----Chlorobenzene		12000	U
100-41-4	-----Ethylbenzene		12000	U
100-42-5	-----Styrene		12000	U
1330-20-7	-----Total Xylenes		12000	U
76-13-1	-----1,1,2-Trichloro-1,2,2-trifluoroethane		12000	U
156-59-2	-----cis-1,2-Dichloroethene		12000	U
			28000	

230,000

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

Client No.

GPB3-2-14-18 DL

Lab Name: STL Buffalo Contract: \_\_\_\_\_

Lab Code: REONY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6253704DL

Sample wt/vol: 4.16 (g/mL) G

Lab File ID: Q0676.RR

Level: (low/med) MED

Date Samp/Recv: 03/06/2006 03/09/2006

% Moisture: not dec. 50.5

Date Analyzed: 03/11/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 20.00

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

44/651

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB3-3-14-17.5

Lab Code: RECNV Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6253705

Sample wt/vol: 4.05 (g/mL) G

Lab File ID: Q0663.RR

Level: (low/med) MED

Date Samp/Recv: 03/06/2006 03/09/2006

% Moisture: not dec. 60 Heated Purge: N

Date Analyzed: 03/10/2006

GC Column: DB-624 ID: 0.53 (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	12000	U
75-71-8	Dichlorodifluoromethane	12000	U
75-69-4	Trichlorofluoromethane	12000	U
79-20-9	Methyl acetate	12000	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	12000	U
110-82-7	Cyclohexane	12000	U
108-87-2	Methylcyclohexane	12000	U
106-93-4	1,2-Dibromoethane	12000	U
98-82-8	Isopropylbenzene	12000	U
541-73-1	1,3-Dichlorobenzene	12000	U
106-46-7	1,4-Dichlorobenzene	12000	U
95-50-1	1,2-Dichlorobenzene	12000	U
96-12-8	1,2-Dibromo-3-chloropropane	12000	U
120-82-1	1,2,4-Trichlorobenzene	12000	U

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

Client No.

GPB3-3-14-17.5

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNV

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOILLab Sample ID: A6253705Sample wt/vol: 4.05 (g/mL) GLab File ID: Q0663.RRLevel: (low/med) MEDDate Samp/Recv: 03/06/2006 03/09/2006% Moisture: not dec. 60.2Date Analyzed: 03/10/2006GC Column: DB-624 ID: 0.53 (mm)Dilution Factor: 4.00Soil Extract Volume: 10000 (uL)Soil Aliquot Volume: 100.00 (uL)Number TICs found: 0CONCENTRATION 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

49/651

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GFPB3-4-14-17.6

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6253706

Sample wt/vol: 5.03 (g/mL) G

Lab File ID: F8963.RR

Level: (low/med) LOW

Date Samp/Recv: 03/06/2006 03/09/2006

% Moisture: not dec. 55 Heated Purge: Y

Date Analyzed: 03/10/2006

GC Column: DB-624 ID: 0.53 (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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
74-87-3	Chloromethane		22	U
74-83-9	Bromomethane		22	U
75-01-4	Vinyl chloride		22	U
75-00-3	Chloroethane		22	U
75-09-2	Methylene chloride		22	U
67-64-1	Acetone		22	U
75-15-0	Carbon Disulfide		22	U
75-35-4	1,1-Dichloroethene		22	U
75-34-3	1,1-Dichloroethane		22	U
67-66-3	Chloroform		22	U
107-06-2	1,2-Dichloroethane		22	U
78-93-3	2-Butanone		22	U
71-55-6	1,1,1-Trichloroethane		22	U
56-23-5	Carbon Tetrachloride		22	U
75-27-4	Bromodichloromethane		22	U
78-87-5	1,2-Dichloropropane		22	U
10061-01-5	cis-1,3-Dichloropropene		22	U
79-01-6	Trichloroethene		22	U
124-48-1	Dibromochloromethane		4	J
79-00-5	1,1,2-Trichloroethane		22	U
71-43-2	Benzene		22	U
10061-02-6	trans-1,3-Dichloropropene		22	U
75-25-2	Bromoform		22	U
108-10-1	4-Methyl-2-pentanone		22	U
591-78-6	2-Hexanone		22	U
127-18-4	Tetrachloroethene		22	U
108-88-3	Toluene		22	U
79-34-5	1,1,2,2-Tetrachloroethane		22	U
108-90-7	Chlorobenzene		22	U
100-41-4	Ethylbenzene		22	U
100-42-5	Styrene		22	U
1330-20-7	Total Xylenes		22	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane		22	U
156-59-2	cis-1,2-Dichloroethene		24	U

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

Client No.

GPB3-3-14-17.5 DL

Lab Name: SIL Buffalo Contract: \_\_\_\_\_

Lab Code: RECN Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6253705DL

Sample wt/vol: 4.05 (g/mL) G

Lab File ID: Q0677.RR

Level: (low/med) MED

Date Samp/Recv: 03/06/2006 03/09/2006

% Moisture: not dec. 60.2

Date Analyzed: 03/11/2006

GC Column: DB-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

50/651

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB3-4-14-17.6

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6253706

Sample wt/vol: 5.03 (g/mL) G

Lab File ID: F8963.RR

Level: (low/med) LOW

Date Samp/Recv: 03/06/2006 03/09/2006

% Moisture: not dec. 55 Heated Purge: Y

Date Analyzed: 03/10/2006

GC Column: DB-624 ID: 0.53 (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	9	J
75-71-8	Dichlorodifluoromethane	22	U
75-69-4	Trichlorofluoromethane	22	U
79-20-9	Methyl acetate	22	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	22	U
110-82-7	Cyclohexane	22	U
108-87-2	Methylcyclohexane	22	U
106-93-4	1,2-Dibromomethane	22	U
98-82-8	Isopropylbenzene	22	U
541-73-1	1,3-Dichlorobenzene	22	U
106-46-7	1,4-Dichlorobenzene	22	U
95-50-1	1,2-Dichlorobenzene	22	U
96-12-8	1,2-Dibromo-3-chloropropane	22	U
120-82-1	1,2,4-Trichlorobenzene	22	U

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

Client No.

GPB3-4-14-17.6

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOILLab Sample ID: A6253706Sample wt/vol: 5.03 (g/mL) GLab File ID: F8963.RRLevel: (low/med) LOWDate Samp/Recv: 03/06/2006 03/09/2006% Moisture: not dec. 54.6Date Analyzed: 03/10/2006GC Column: DB-624 ID: 0.53 (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	2.85	24	JN

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

52/651

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB3-5-14-16.7

Lab Code: RECONY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6253708

Sample wt/vol: 4.16 (g/mL) G

Lab File ID: Q0642.RR

Level: (low/med) MED

Date Samp/Recv: 03/06/2006 03/09/2006

% Moisture: not dec. 68 Heated Purge: N

Date Analyzed: 03/10/2006

GC Column: DB-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

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	3600		U
67-64-1	Acetone	3600		U
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	3600		U
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	3600		U
124-48-1	Dibromochloromethane	12000		
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	3600		U
108-88-3	Toluene	1900		J
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
		1400		J

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

Client No.

GPB3-5-14-16.7

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOILLab Sample ID: A6253708Sample wt/vol: 4.16 (g/mL) GLab File ID: Q0642.RRLevel: (low/med) MEDDate Samp/Recv: 03/06/2006 03/09/2006% Moisture: not dec. 68 Heated Purge: NDate Analyzed: 03/10/2006GC Column: DB-624 ID: 0.25 (mm)Dilution Factor: 1.00Soil Extract Volume: 10000 (uL)Soil Aliquot Volume: 100.00 (uL)

## CONCENTRATION UNITS:

(ug/L or ug/Kg)

UG/KG

Q

CAS NO.	COMPOUND	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

54/651

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB3-5-14-16.7

Lab Code: RECN Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6253708

Sample wt/vol: 4.16 (g/mL) G

Lab File ID: Q0642.RR

Level: (low/med) MED

Date Samp/Recv: 03/06/2006 03/09/2006

% Moisture: not dec. 68.1

Date Analyzed: 03/10/2006

GC Column: DB-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.

GPB3-5-6-10

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOILLab Sample ID: A6253707Sample wt/vol: 4.05 (g/mL) GLab File ID: Q0641.RRLevel: (low/med) MEDDate Samp/Recv: 03/06/2006 03/09/2006% Moisture: not dec. 56 Heated Purge: NDate Analyzed: 03/10/2006GC Column: DB-624 ID: 0.25 (mm)Dilution Factor: 1.00Soil Extract Volume: 10000 (uL)Soil Aliquot Volume: 100.00 (uL)

## CONCENTRATION UNITS:

(ug/L or ug/Kg)

UG/KG

Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	<u>UG/KG</u>	Q
74-87-3	-----Chloromethane		2700	U
74-83-9	-----Bromomethane		2700	U
75-01-4	-----Vinyl chloride		1400	J
75-00-3	-----Chloroethane		2700	U
75-09-2	-----Methylene chloride		2700	U
67-64-1	-----Acetone		2700	U
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		2700	U
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		18000	U
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		31000	U
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		48000	U



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

56/651

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB3-5-6-10

Lab Code: RECNV Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6253707

Sample wt/vol: 4.05 (g/mL) G

Lab File ID: Q0641.RR

Level: (low/med) MED

Date Samp/Recv: 03/06/2006 03/09/2006

% Moisture: not dec. 56 Heated Purge: N

Date Analyzed: 03/10/2006

GC Column: DB-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.

GPB3-5-6-10

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOILLab Sample ID: A6253707Sample wt/vol: 4.05 (g/mL) GLab File ID: Q0641.RRLevel: (low/med) MEDDate Samp/Recv: 03/06/2006 03/09/2006% Moisture: not dec. 55.7Date Analyzed: 03/10/2006GC Column: DB-624 ID: 0.25 (mm)Dilution Factor: 1.00Soil Extract Volume: 10000 (uL)Soil Aliquot Volume: 100.00 (uL)Number TICs found: 0CONCENTRATION 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

58/651

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB3-6-0.5-4

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6253709

Sample wt/vol: 4.13 (g/mL) G

Lab File ID: Q0643.RR

Level: (low/med) MED

Date Samp/Recv: 03/06/2006 03/09/2006

% Moisture: not dec. 11 Heated Purge: N

Date Analyzed: 03/10/2006

GC Column: DB-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:		Q
		(ug/L or ug/Kg)	UG/KG	
74-87-3	-----Chloromethane		1300	U
74-83-9	-----Bromomethane		1300	U
75-01-4	-----Vinyl chloride		1300	U
75-00-3	-----Chloroethane		1300	U
75-09-2	-----Methylene chloride		1300	U
67-64-1	-----Acetone		1300	U
75-15-0	-----Carbon Disulfide		1300	U
75-35-4	-----1,1-Dichloroethene		1300	U
75-34-3	-----1,1-Dichloroethane		1300	U
67-66-3	-----Chloroform		1300	U
107-06-2	-----1,2-Dichloroethane		1300	U
78-93-3	-----2-Butanone		1300	U
71-55-6	-----1,1,1-Trichloroethane		1300	U
56-23-5	-----Carbon Tetrachloride		1300	U
75-27-4	-----Bromodichloromethane		1300	U
78-87-5	-----1,2-Dichloropropane		1300	U
10061-01-5	-----cis-1,3-Dichloropropene		1300	U
79-01-6	-----Trichloroethene		640	J
124-48-1	-----Dibromochloromethane		1300	U
79-00-5	-----1,1,2-Trichloroethane		1300	U
71-43-2	-----Benzene		1300	U
10061-02-6	-----trans-1,3-Dichloropropene		1300	U
75-25-2	-----Bromofom		1300	U
108-10-1	-----4-Methyl-2-pentanone		1300	U
591-78-6	-----2-Hexanone		1300	U
127-18-4	-----Tetrachloroethene		1300	U
108-88-3	-----Toluene		1800	
79-34-5	-----1,1,2,2-Tetrachloroethane		1300	U
108-90-7	-----Chlorobenzene		1300	U
100-41-4	-----Ethylbenzene		1300	U
100-42-5	-----Styrene		1300	U
1330-20-7	-----Total Xylenes		1300	U
76-13-1	-----1,1,2-Trichloro-1,2,2-trifluoroethane		1300	U
156-59-2	-----cis-1,2-Dichloroethene		1300	U

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

Client No.

GPB3-6-0.5-4

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOILLab Sample ID: A6253709Sample wt/vol: 4.13 (g/mL) GLab File ID: Q0643.RRLevel: (low/med) MEDDate Samp/Recv: 03/06/2006 03/09/2006% Moisture: not dec. 11 Heated Purge: NDate Analyzed: 03/10/2006GC Column: DB-624 ID: 0.25 (mm)Dilution Factor: 1.00Soil Extract Volume: 10000 (uL)Soil Aliquot Volume: 100.00 (uL)

## CONCENTRATION UNITS:

(ug/L or ug/Kg)

UG/KG

Q

CAS NO.	COMPOUND	UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	1300	U
75-71-8	Dichlorodifluoromethane	1300	U
75-69-4	Trichlorofluoromethane	1300	U
79-20-9	Methyl acetate	1300	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1300	U
110-82-7	Cyclohexane	1300	U
108-87-2	Methylcyclohexane	1300	U
106-93-4	1,2-Dibromoethane	1300	U
98-82-8	Isopropylbenzene	1300	U
541-73-1	1,3-Dichlorobenzene	1300	U
106-46-7	1,4-Dichlorobenzene	1300	U
95-50-1	1,2-Dichlorobenzene	1300	U
96-12-8	1,2-Dibromo-3-chloropropane	1300	U
120-82-1	1,2,4-Trichlorobenzene	1300	U

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

60/651

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB3-6-0.5-4

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6253709

Sample wt/vol: 4.13 (g/mL) G

Lab File ID: Q0643.RR

Level: (low/med) MED

Date Samp/Recv: 03/06/2006 03/09/2006

% Moisture: not dec. 11.5

Date Analyzed: 03/10/2006

GC Column: DB-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.

GPB3-6-10-14

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6253710

Sample wt/vol: 1.10 (g/mL) G

Lab File ID: F8964.RR

Level: (low/med) LOW

Date Samp/Recv: 03/06/2006 03/09/2006

% Moisture: not dec. 39 Heated Purge: Y

Date Analyzed: 03/10/2006

GC Column: DB-624 ID: 0.53 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg)

UG/KG

Q

CAS NO.	COMPOUND	UG/KG	Q
74-87-3	Chloromethane	75	U
74-83-9	Bromomethane	75	U
75-01-4	Vinyl chloride	31	J
75-00-3	Chloroethane	75	U
75-09-2	Methylene chloride	75	U
67-64-1	Acetone	75	U
75-15-0	Carbon Disulfide	75	U
75-35-4	1,1-Dichloroethene	75	U
75-34-3	1,1-Dichloroethane	75	U
67-66-3	Chloroform	75	U
107-06-2	1,2-Dichloroethane	75	U
78-93-3	2-Butanone	75	U
71-55-6	1,1,1-Trichloroethane	75	U
56-23-5	Carbon Tetrachloride	75	U
75-27-4	Bromodichloromethane	75	U
78-87-5	1,2-Dichloropropane	75	U
10061-01-5	cis-1,3-Dichloropropene	75	U
79-01-6	Trichloroethene	350	U
124-48-1	Dibromochloromethane	75	U
79-00-5	1,1,2-Trichloroethane	75	U
71-43-2	Benzene	75	U
10061-02-6	trans-1,3-Dichloropropene	75	U
75-25-2	Bromoform	75	U
108-10-1	4-Methyl-2-pentanone	75	U
591-78-6	2-Hexanone	75	U
127-18-4	Tetrachloroethene	1700	E
108-88-3	Toluene	75	U
79-34-5	1,1,2,2-Tetrachloroethane	75	U
108-90-7	Chlorobenzene	75	U
100-41-4	Ethylbenzene	75	U
100-42-5	Styrene	75	U
1330-20-7	Total Xylenes	75	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	75	U
156-59-2	cis-1,2-Dichloroethene	1500	E

1900

1800 J

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

62/651

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB3-6-10-14

Lab Code: RECN Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6253710

Sample wt/vol: 1.10 (g/mL) G

Lab File ID: F8964.RR

Level: (low/med) LOW

Date Samp/Recv: 03/06/2006 03/09/2006

% Moisture: not dec. 39 Heated Purge: Y

Date Analyzed: 03/10/2006

GC Column: DB-624 ID: 0.53 (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	42	J
75-71-8	Dichlorodifluoromethane	75	U
75-69-4	Trichlorofluoromethane	75	U
79-20-9	Methyl acetate	75	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	75	U
110-82-7	Cyclohexane	75	U
108-87-2	Methylcyclohexane	75	U
106-93-4	1,2-Dibromoethane	75	U
98-82-8	Isopropylbenzene	75	U
541-73-1	1,3-Dichlorobenzene	75	U
106-46-7	1,4-Dichlorobenzene	75	U
95-50-1	1,2-Dichlorobenzene	75	U
96-12-8	1,2-Dibromo-3-chloropropane	75	U
120-82-1	1,2,4-Trichlorobenzene	75	U

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

Client No.

GPE3-6-10-14

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNV

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOILLab Sample ID: A6253710Sample wt/vol: 1.10 (g/mL) GLab File ID: F8964.RRLevel: (low/med) LOWDate Samp/Recv: 03/06/2006 03/09/2006% Moisture: not dec. 39.2Date Analyzed: 03/10/2006GC Column: DB-624 ID: 0.53 (mm)Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

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

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 110-54-3	<del>HEXANE</del>	2.85	84	JN <i>R</i>



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

66/651

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB3-6-10-14 DL

Lab Code: RECN Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6253710DL

Sample wt/vol: 4.06 (g/mL) G

Lab File ID: Q0644.RR

Level: (low/med) MED

Date Samp/Recv: 03/06/2006 03/09/2006

% Moisture: not dec. 39.2

Date Analyzed: 03/10/2006

GC Column: DB-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.

GPB3-7-14-17

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOILLab Sample ID: A6253712Sample wt/vol: 4.07 (g/mL) GLab File ID: Q0646.RRLevel: (low/med) MEDDate Samp/Recv: 03/07/2006 03/09/2006% Moisture: not dec. 58 Heated Purge: NDate Analyzed: 03/10/2006GC Column: DB-624 ID: 0.25 (mm)Dilution Factor: 1.00Soil Extract Volume: 10000 (uL)Soil Aliquot Volume: 100.00 (uL)

## CONCENTRATION UNITS:

(ug/L or ug/Kg)

UG/KG

Q

CAS NO.	COMPOUND	(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	2800		U
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	2800		U
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	3800		
79-01-6	Trichloroethene	2800		U
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		
127-18-4	Tetrachloroethene	27000		U
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		
156-59-2	cis-1,2-Dichloroethene	3700		

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

68/651

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB3-7-14-17

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6253712

Sample wt/vol: 4.07 (g/mL) G

Lab File ID: Q0646.RR

Level: (low/med) MED

Date Samp/Recv: 03/07/2006 03/09/2006

% Moisture: not dec. 58 Heated Purge: N

Date Analyzed: 03/10/2006

GC Column: DB-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-Dibromomethane	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.

GPB3-7-14-17

Lab Name: STL Buffalo Contract: \_\_\_\_\_

Lab Code: RECNV Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6253712

Sample wt/vol: 4.07 (g/mL) G

Lab File ID: Q0646.RR

Level: (low/med) MED

Date Samp/Recv: 03/07/2006 03/09/2006

% Moisture: not dec. 58.0

Date Analyzed: 03/10/2006

GC Column: DB-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

70/651

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB3-7-6-10

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6253711

Sample wt/vol: 4.07 (g/mL) G

Lab File ID: Q0664.RR

Level: (low/med) MED

Date Samp/Recv: 03/07/2006 03/09/2006

% Moisture: not dec. 51 Heated Purge: N

Date Analyzed: 03/10/2006

GC Column: DB-624 ID: 0.53 (mm)

Dilution Factor: 4.00

Soil Extract Volume: 10000 (uL)

Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
74-87-3	-----Chloromethane		9500	U
74-83-9	-----Bromomethane		9500	U
75-01-4	-----Vinyl chloride		5900	J
75-00-3	-----Chloroethane		9500	U
75-09-2	-----Methylene chloride		9500	U
67-64-1	-----Acetone		9500	U
75-15-0	-----Carbon Disulfide		9500	U
75-35-4	-----1,1-Dichloroethene		9500	U
75-34-3	-----1,1-Dichloroethane		9500	U
67-66-3	-----Chloroform		9500	U
107-06-2	-----1,2-Dichloroethane		9500	U
78-93-3	-----2-Butanone		9500	U
71-55-6	-----1,1,1-Trichloroethane		9500	U
56-23-5	-----Carbon Tetrachloride		9500	U
75-27-4	-----Bromodichloromethane		9500	U
78-87-5	-----1,2-Dichloropropane		9500	U
10061-01-5	---cis-1,3-Dichloropropene		9500	U
79-01-6	-----Trichloroethene		9500	U
124-48-1	-----Dibromochloromethane		160000	
79-00-5	-----1,1,2-Trichloroethane		9500	U
71-43-2	-----Benzene		9500	U
10061-02-6	---trans-1,3-Dichloropropene		9500	U
75-25-2	-----Bromoform		9500	U
108-10-1	-----4-Methyl-2-pentanone		9500	U
591-78-6	-----2-Hexanone		9500	U
127-18-4	-----Tetrachloroethene		9500	U
108-88-3	-----Toluene		38000	
79-34-5	-----1,1,2,2-Tetrachloroethane		9500	U
108-90-7	-----Chlorobenzene		9500	U
100-41-4	-----Ethylbenzene		9500	U
100-42-5	-----Styrene		9500	U
1330-20-7	-----Total Xylenes		9500	U
76-13-1	-----1,1,2-Trichloro-1,2,2-trifluoroethane		9500	U
156-59-2	-----cis-1,2-Dichloroethene		9500	U
			75000	

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

Client No.

GPB3-7-6-10

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECONY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6253711

Sample wt/vol: 4.07 (g/mL) G

Lab File ID: Q0664.RR

Level: (low/med) MED

Date Samp/Recv: 03/07/2006 03/09/2006

% Moisture: not dec. 51 Heated Purge: N

Date Analyzed: 03/10/2006

GC Column: DB-624 ID: 0.53 (mm)

Dilution Factor: 4.00

Soil Extract Volume: 10000 (uL)

Soil Aliquot Volume: 100.00 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg)

UG/KG

Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	9500		U
75-71-8	Dichlorodifluoromethane	9500		U
75-69-4	Trichlorofluoromethane	9500		U
79-20-9	Methyl acetate	9500		U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	9500		U
110-82-7	Cyclohexane	9500		U
108-87-2	Methylcyclohexane	9500		U
106-93-4	1,2-Dibromoethane	9500		U
98-82-8	Isopropylbenzene	9500		U
541-73-1	1,3-Dichlorobenzene	9500		U
106-46-7	1,4-Dichlorobenzene	9500		U
95-50-1	1,2-Dichlorobenzene	9500		U
96-12-8	1,2-Dibromo-3-chloropropane	9500		U
120-82-1	1,2,4-Trichlorobenzene	9500		U

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

72/651

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB3-7-6-10

Lab Code: RECN Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6253711

Sample wt/vol: 4.07 (g/mL) G

Lab File ID: Q0664.RR

Level: (low/med) MED

Date Samp/Recv: 03/07/2006 03/09/2006

% Moisture: not dec. 50.5

Date Analyzed: 03/10/2006

GC Column: DB-624 ID: 0.53 (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.

GPB3-8-14-17

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6253713

Sample wt/vol: 4.04 (g/mL) G

Lab File ID: Q0647.RR

Level: (low/med) MED

Date Samp/Recv: 03/07/2006 03/09/2006

% Moisture: not dec. 48 Heated Purge: N

Date Analyzed: 03/10/2006

GC Column: DB-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

Q

CAS NO.	COMPOUND	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	2300	U
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	2300	U
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	50000	E
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	440000	E
127-18-4	Tetrachloroethene	2300	U
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	3700	U

53,000 J

620,000



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

74/651

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB3-8-14-17

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6253713

Sample wt/vol: 4.04 (g/mL) G

Lab File ID: Q0647.RR

Level: (low/med) MED

Date Samp/Recv: 03/07/2006 03/09/2006

% Moisture: not dec. 48 Heated Purge: N

Date Analyzed: 03/10/2006

GC Column: DB-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:		Q
		(ug/L or ug/Kg)	UG/KG	
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 (MIBE)		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.

GPB3-8-14-17

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOILLab Sample ID: A6253713Sample wt/vol: 4.04 (g/mL) GLab File ID: Q0647.RRLevel: (low/med) MEDDate Samp/Recv: 03/07/2006 03/09/2006% Moisture: not dec. 47.7Date Analyzed: 03/10/2006GC Column: DB-624 ID: 0.25 (mm)Dilution Factor: 1.00Soil Extract Volume: 10000 (uL)Soil Aliquot Volume: 100.00 (uL)Number TICs found: 0CONCENTRATION 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

79/651

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB3-9-14-17.5

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6253714

Sample wt/vol: 4.17 (g/mL) G

Lab File ID: 00666.RR

Level: (low/med) MED

Date Samp/Recv: 03/07/2006 03/09/2006

% Moisture: not dec. 61 Heated Purge: N

Date Analyzed: 03/10/2006

GC Column: DB-624 ID: 0.53 (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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
74-87-3	Chloromethane		30000	U
74-83-9	Bromomethane		30000	U
75-01-4	Vinyl chloride		30000	U
75-00-3	Chloroethane		30000	U
75-09-2	Methylene chloride		30000	U
67-64-1	Acetone		30000	U
75-15-0	Carbon Disulfide		30000	U
75-35-4	1,1-Dichloroethene		30000	U
75-34-3	1,1-Dichloroethane		30000	U
67-66-3	Chloroform		30000	U
107-06-2	1,2-Dichloroethane		30000	U
78-93-3	2-Butanone		30000	U
71-55-6	1,1,1-Trichloroethane		30000	U
56-23-5	Carbon Tetrachloride		30000	U
75-27-4	Bromodichloromethane		30000	U
78-87-5	1,2-Dichloropropane		30000	U
10061-01-5	cis-1,3-Dichloropropene		30000	U
79-01-6	Trichloroethene		30000	U
124-48-1	Dibromochloromethane		150000	
79-00-5	1,1,2-Trichloroethane		30000	U
71-43-2	Benzene		30000	U
10061-02-6	trans-1,3-Dichloropropene		30000	U
75-25-2	Bromoform		30000	U
108-10-1	4-Methyl-2-pentanone		30000	U
591-78-6	2-Hexanone		30000	U
127-18-4	Tetrachloroethene		30000	U
108-88-3	Toluene		<del>7200000</del>	E
79-34-5	1,1,2,2-Tetrachloroethane		30000	U
108-90-7	Chlorobenzene		30000	U
100-41-4	Ethylbenzene		30000	U
100-42-5	Styrene		30000	U
1330-20-7	Total Xylenes		30000	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane		30000	U
156-59-2	cis-1,2-Dichloroethene		30000	U

7,300,000

78/651

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

Client No.

GPB3-8-14-17 DL

Lab Name: STL Buffalo Contract: \_\_\_\_\_

Lab Code: RECNV Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6253713DL

Sample wt/vol: 4.04 (g/mL) G

Lab File ID: Q0665.RR

Level: (low/med) MED

Date Samp/Recv: 03/07/2006 03/09/2006

% Moisture: not dec. 47.7

Date Analyzed: 03/10/2006

GC Column: DB-624 ID: 0.53 (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

80/651

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB3-9-14-17.5

Lab Code: REONY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6253714

Sample wt/vol: 4.17 (g/mL) G

Lab File ID: Q0666.RR

Level: (low/med) MED

Date Samp/Recv: 03/07/2006 03/09/2006

% Moisture: not dec. 61 Heated Purge: N

Date Analyzed: 03/10/2006

GC Column: DB-624 ID: 0.53 (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	30000	U
75-71-8	Dichlorodifluoromethane	30000	U
75-69-4	Trichlorofluoromethane	30000	U
79-20-9	Methyl acetate	30000	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	30000	U
110-82-7	Cyclohexane	30000	U
108-87-2	Methylcyclohexane	30000	U
106-93-4	1,2-Dibromoethane	30000	U
98-82-8	Isopropylbenzene	30000	U
541-73-1	1,3-Dichlorobenzene	30000	U
106-46-7	1,4-Dichlorobenzene	30000	U
95-50-1	1,2-Dichlorobenzene	30000	U
96-12-8	1,2-Dibromo-3-chloropropane	30000	U
120-82-1	1,2,4-Trichlorobenzene	30000	U

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

Client No.

GPB3-9-14-17.5

Lab Name: SIL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6253714

Sample wt/vol: 4.17 (g/mL) G

Lab File ID: Q0666.RR

Level: (low/med) MED

Date Samp/Recv: 03/07/2006 03/09/2006

% Moisture: not dec. 61.4

Date Analyzed: 03/10/2006

GC Column: DB-624 ID: 0.53 (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

13/765

Client No.

Lab Name: SIL Buffalo

Contract: \_\_\_\_\_

GPB1-10-14-16.8

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6262307

Sample wt/vol: 4.09 (g/mL) G

Lab File ID: Q0743.RR

Level: (low/med) MED

Date Samp/Recv: 03/09/2006 03/11/2006

% Moisture: not dec. 68 Heated Purge: N

Date Analyzed: 03/16/2006

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 500.00

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		1800000	U
74-83-9	-----Bromomethane		1800000	U
75-01-4	-----Vinyl chloride		1800000	U
75-00-3	-----Chloroethane		1800000	U
75-09-2	-----Methylene chloride		1800000	U
67-64-1	-----Acetone		1800000	U
75-15-0	-----Carbon Disulfide		1800000	U
75-35-4	-----1,1-Dichloroethene		1800000	U
75-34-3	-----1,1-Dichloroethane		1800000	U
67-66-3	-----Chloroform		1800000	U
107-06-2	-----1,2-Dichloroethane		1800000	U
78-93-3	-----2-Butanone		1800000	U
71-55-6	-----1,1,1-Trichloroethane		1800000	U
56-23-5	-----Carbon Tetrachloride		1800000	U
75-27-4	-----Bromodichloromethane		1800000	U
78-87-5	-----1,2-Dichloropropane		1800000	U
10061-01-5	-----cis-1,3-Dichloropropene		1800000	U
79-01-6	-----Trichloroethene		1800000	U
124-48-1	-----Dibromochloromethane		440000	J
79-00-5	-----1,1,2-Trichloroethane		1800000	U
71-43-2	-----Benzene		1800000	U
10061-02-6	-----trans-1,3-Dichloropropene		1800000	U
75-25-2	-----Bromofom		1800000	U
108-10-1	-----4-Methyl-2-pentanone		1800000	U
591-78-6	-----2-Hexanone		1800000	U
127-18-4	-----Tetrachloroethene		1800000	U
108-88-3	-----Toluene		<del>68000000</del>	E
79-34-5	-----1,1,2,2-Tetrachloroethane		1800000	U
108-90-7	-----Chlorobenzene		1800000	U
100-41-4	-----Ethylbenzene		1800000	U
100-42-5	-----Styrene		1800000	U
1330-20-7	-----Total Xylenes		1800000	U
76-13-1	-----1,1,2-Trichloro-1,2,2-trifluoroethane		1800000	U
156-59-2	-----cis-1,2-Dichloroethene		1800000	U

67,000,000



## 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.
- ! 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.



Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB1-10-14-16.8

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6262307

Sample wt/vol: 4.09 (g/mL) G

Lab File ID: Q0743.RR

Level: (low/med) MED

Date Samp/Recv: 03/09/2006 03/11/2006

% Moisture: not dec. 68 Heated Purge: N

Date Analyzed: 03/16/2006

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 500.00

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	1800000	U
75-71-8	Dichlorodifluoromethane	1800000	U
75-69-4	Trichlorofluoromethane	1800000	U
79-20-9	Methyl acetate	1800000	U
1634-04-4	Methyl-t-Butyl Ether (MIBE)	1800000	U
110-82-7	Cyclohexane	1800000	U
108-87-2	Methylcyclohexane	1800000	U
106-93-4	1,2-Dibromoethane	1800000	U
98-82-8	Isopropylbenzene	1800000	U
541-73-1	1,3-Dichlorobenzene	1800000	U
106-46-7	1,4-Dichlorobenzene	1800000	U
95-50-1	1,2-Dichlorobenzene	1800000	U
96-12-8	1,2-Dibromo-3-chloropropane	1800000	U
120-82-1	1,2,4-Trichlorobenzene	1800000	U

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

Client No.

GPB1-10-14-16.8

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNV

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6262307

Sample wt/vol: 4.09 (g/mL) G

Lab File ID: Q0743.RR

Level: (low/med) MED

Date Samp/Recv: 03/09/2006 03/11/2006

% Moisture: not dec. 68.3

Date Analyzed: 03/16/2006

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 500.00

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

19/765

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB1-11-14-17

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6262308

Sample wt/vol: 5.19 (g/mL) G

Lab File ID: F8996.RR

Level: (low/med) LOW

Date Samp/Recv: 03/09/2006 03/11/2006

% Moisture: not dec. 51 Heated Purge: Y

Date Analyzed: 03/14/2006

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
74-87-3	Chloromethane		20	U
74-83-9	Bromomethane		20	U
75-01-4	Vinyl chloride		20	U
75-00-3	Chloroethane		<del>1400</del>	<del>E</del> 1500 J
75-09-2	Methylene chloride		20	U
67-64-1	Acetone		20	U
75-15-0	Carbon Disulfide		7	J
75-35-4	1,1-Dichloroethene		6	J
75-34-3	1,1-Dichloroethane		14	J
67-66-3	Chloroform		20	U
107-06-2	1,2-Dichloroethane		20	U
78-93-3	2-Butanone		20	U
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		20	U
124-48-1	Dibromochloromethane		<del>2400</del>	<del>E</del> 5900 J
79-00-5	1,1,2-Trichloroethane		20	U
71-43-2	Benzene		20	U
10061-02-6	trans-1,3-Dichloropropene		20	U
75-25-2	Bromofom		20	U
108-10-1	4-Methyl-2-pentanone		20	U
591-78-6	2-Hexanone		20	U
127-18-4	Tetrachloroethene		20	U
108-88-3	Toluene		<del>4900</del>	<del>E</del> 2200 J
79-34-5	1,1,2,2-Tetrachloroethane		13	J
108-90-7	Chlorobenzene		20	U
100-41-4	Ethylbenzene		20	U
100-42-5	Styrene		20	U
1330-20-7	Total Xylenes		20	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane		20	U
156-59-2	cis-1,2-Dichloroethene		20	U
			<del>4100</del>	<del>E</del> 18,000 J

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

Client No.

GPB1-10-14-16.8

Lab Name: STL Buffalo Contract: \_\_\_\_\_

Lab Code: REONY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6262307AK

Sample wt/vol: 4.09 (g/mL) G

Lab File ID: Q0769.RR

Level: (low/med) MED

Date Samp/Recv: 03/09/2006 03/11/2006

% Moisture: not dec. 68.3

Date Analyzed: 03/16/2006

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1000.00

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

20/765

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB1-11-14-17

Lab Code: RECN Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6262308

Sample wt/vol: 5.19 (g/mL) G

Lab File ID: F8996.RR

Level: (low/med) LOW

Date Samp/Recv: 03/09/2006 03/11/2006

% Moisture: not dec. 51 Heated Purge: Y

Date Analyzed: 03/14/2006

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
156-60-5	trans-1,2-Dichloroethene			
75-71-8	Dichlorodifluoromethane		260	J
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

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

Client No.

GPB1-11-14-17

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNV

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6262308

Sample wt/vol: 5.19 (g/mL) G

Lab File ID: F8996.RR

Level: (low/med) LOW

Date Samp/Recv: 03/09/2006 03/11/2006

% Moisture: not dec. 51.2

Date Analyzed: 03/14/2006

GC Column: DB-624 ID: 0.18 (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	2.85	11	JN
2.	UNKNOWN	7.65	12	J
3.	UNKNOWN	10.73	11	J
4.	UNKNOWN	10.86	10	J
5.	UNKNOWN	11.36	19	J
6.	UNKNOWN	12.16	29	J
7.	UNKNOWN	12.20	29	J
8.	UNKNOWN	12.32	11	J
9.	UNKNOWN	12.35	20	J
10.	UNKNOWN	12.80	14	J

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB1-12-10-14

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6262310

Sample wt/vol: 4.10 (g/mL) G

Lab File ID: Q0746.RR

Level: (low/med) MED

Date Samp/Recv: 03/09/2006 03/11/2006

% Moisture: not dec. 45 Heated Purge: N

Date Analyzed: 03/16/2006

GC Column: DB-624 ID: 0.18 (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	1900	J
75-00-3	Chloroethane	2100	U
75-09-2	Methylene chloride	2100	U
67-64-1	Acetone	2100	U
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	2100	U
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	2100	U
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	2100	U
		8200	

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

Client No.

GPB1-11-14-17

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECN

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6262308DL

Sample wt/vol: 5.19 (g/mL) G

Lab File ID: Q0744.RR

Level: (low/med) MED

Date Samp/Recv: 03/09/2006 03/11/2006

% Moisture: not dec. 51.2

Date Analyzed: 03/16/2006

GC Column: DB-624 ID: 0.18 (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

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Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB1-12-10-14

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6262310

Sample wt/vol: 4.10 (g/mL) G

Lab File ID: Q0746.RR

Level: (low/med) MED

Date Samp/Recv: 03/09/2006 03/11/2006

% Moisture: not dec. 45 Heated Purge: N

Date Analyzed: 03/16/2006

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL)

Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
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.

GPB1-12-10-14

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECN

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6262310

Sample wt/vol: 4.10 (g/mL) G

Lab File ID: Q0746.RR

Level: (low/med) MED

Date Samp/Recv: 03/09/2006 03/11/2006

% Moisture: not dec. 45.2

Date Analyzed: 03/16/2006

GC Column: DB-624 ID: 0.18 (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

28/765

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB1-12-14-18

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6262311

Sample wt/vol: 5.03 (g/mL) G

Lab File ID: F9035.RR

Level: (low/med) LOW

Date Samp/Recv: 03/09/2006 03/11/2006

% Moisture: not dec. 52 Heated Purge: Y

Date Analyzed: 03/16/2006

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
74-87-3	-----Chloromethane			
74-83-9	-----Bromomethane		20	U
75-01-4	-----Vinyl chloride		20	U
75-00-3	-----Chloroethane		490	E
75-09-2	-----Methylene chloride		20	U
67-64-1	-----Acetone		20	U
75-15-0	-----Carbon Disulfide		9	J
75-35-4	-----1,1-Dichloroethene		12	J
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		20	U
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		20	U
124-48-1	-----Dibromochloromethane		20	U
79-00-5	-----1,1,2-Trichloroethane		20	U
71-43-2	-----Benzene		20	U
10061-02-6	----trans-1,3-Dichloropropene		20	U
75-25-2	-----Bromoform		20	U
108-10-1	-----4-Methyl-2-pentanone		20	U
591-78-6	-----2-Hexanone		20	U
127-18-4	-----Tetrachloroethene		20	U
108-88-3	-----Toluene		20	U
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		20	U
76-13-1	-----1,1,2-Trichloro-1,2,2-trifluoroethane		20	U
156-59-2	-----cis-1,2-Dichloroethene		20	U
			1200	E

130

990

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

Client No.

GPB1-12-14-18

Lab Name: STL Buffalo Contract: \_\_\_\_\_  
 Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_  
 Matrix: (soil/water) SOIL  
 Sample wt/vol: 5.03 (g/mL) G  
 Level: (low/med) LOW  
 % Moisture: not dec. 52 Heated Purge: Y  
 GC Column: DB-624 ID: 0.18 (mm)  
 Soil Extract Volume: \_\_\_\_\_ (uL)

Lab Sample ID: A6262311  
 Lab File ID: F9035.RR  
 Date Samp/Recv: 03/09/2006 03/11/2006  
 Date Analyzed: 03/16/2006  
 Dilution Factor: 1.00  
 Soil Aliquot Volume: \_\_\_\_\_ (uL)

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

CAS NO.	COMPOUND	UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	49	
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

30/765

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPBI-12-14-18

Lab Code: RECNV

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6262311

Sample wt/vol: 5.03 (g/mL) G

Lab File ID: F9035.RR

Level: (low/med) LOW

Date Samp/Recv: 03/09/2006 03/11/2006

% Moisture: not dec. 51.7

Date Analyzed: 03/16/2006

GC Column: DB-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	2.85	22	JN

R

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

Client No.

GPB1-12-14-18

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNV

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6262311DL

Sample wt/vol: 1.02 (g/mL) G

Lab File ID: F9026.RR

Level: (low/med) LOW

Date Samp/Recv: 03/09/2006 03/11/2006

% Moisture: not dec. 52 Heated Purge: Y

Date Analyzed: 03/16/2006

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

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

CAS NO.	COMPOUND	UG/KG	Q
74-87-3	Chloromethane	100	U
74-83-9	Bromomethane	100	U
75-01-4	Vinyl chloride	130	D
75-00-3	Chloroethane	100	U
75-09-2	Methylene chloride	100	U
67-64-1	Acetone	100	U
75-15-0	Carbon Disulfide	100	U
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	100	U
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	100	U
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	Bromofom	100	U
108-10-1	4-Methyl-2-pentanone	100	U
591-78-6	2-Hexanone	52	BDU
127-18-4	Tetrachloroethene	100	U
108-88-3	Toluene	100	U
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	990	D
156-59-2	cis-1,2-Dichloroethene		

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

34/765

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB1-12-2.5-4

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6262309

Sample wt/vol: 4.08 (g/mL) G

Lab File ID: Q0745.RR

Level: (low/med) MED

Date Samp/Recv: 03/09/2006 03/11/2006

% Moisture: not dec. 36 Heated Purge: N

Date Analyzed: 03/16/2006

GC Column: DB-624 ID: 0.18 (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		960	J
75-00-3	-----Chloroethane		1800	U
75-09-2	-----Methylene chloride		1800	U
67-64-1	-----Acetone		1800	U
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		1800	U
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		730	J
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		1800	U
108-88-3	-----Toluene		2800	
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
			5200	

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

Client No.

GPB1-12-2.5-4

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECN

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6262309

Sample wt/vol: 4.08 (g/mL) G

Lab File ID: Q0745.RR

Level: (low/med) MED

Date Samp/Recv: 03/09/2006 03/11/2006

% Moisture: not dec. 36 Heated Purge: N

Date Analyzed: 03/16/2006

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL)

Soil Aliquot Volume: 100.00 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(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		320	J
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

36/765

Client No.

Lab Name: SIL Buffalo

Contract: \_\_\_\_\_

GPB1-12-2.5-4

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6262309

Sample wt/vol: 4.08 (g/mL) G

Lab File ID: Q0745.RR

Level: (low/med) MED

Date Samp/Recv: 03/09/2006 03/11/2006

% Moisture: not dec. 35.8

Date Analyzed: 03/16/2006

GC Column: DB-624 ID: 0.18 (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 ALKANE	10.07	9300	J
2.	UNKNOWN ALKANE	10.81	8400	J
3.	UNKNOWN	11.00	6600	J
4.	UNKNOWN	11.32	13000	J
5.	UNKNOWN	11.49	6500	J
6.	UNKNOWN ALKANE	11.79	14000	J
7.	UNKNOWN	11.87	4900	J
8.	UNKNOWN ALKANE	12.17	5800	J
9.	UNKNOWN	12.43	4200	J
10.	UNKNOWN	12.55	7600	J

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

37765

Client No.

GPB1-13-14-17.2

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6262315

Sample wt/vol: 5.00 (g/mL) G

Lab File ID: F9030.RR

Level: (low/med) LOW

Date Samp/Recv: 03/10/2006 03/11/2006

% Moisture: not dec. 58 Heated Purge: Y

Date Analyzed: 03/16/2006

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg)

UG/KG

Q

CAS NO.	COMPOUND	UG/KG	Q
74-87-3	Chloromethane	24	U
74-83-9	Bromomethane	24	U
75-01-4	Vinyl chloride	3	J
75-00-3	Chloroethane	24	U
75-09-2	Methylene chloride	24	U
67-64-1	Acetone	11	J
75-15-0	Carbon Disulfide	3	J
75-35-4	1,1-Dichloroethene	24	U
75-34-3	1,1-Dichloroethane	24	U
67-66-3	Chloroform	24	U
107-06-2	1,2-Dichloroethane	24	U
78-93-3	2-Butanone	24	U
71-55-6	1,1,1-Trichloroethane	24	U
56-23-5	Carbon Tetrachloride	24	U
75-27-4	Bromodichloromethane	24	U
78-87-5	1,2-Dichloropropane	24	U
10061-01-5	cis-1,3-Dichloropropene	24	U
79-01-6	Trichloroethene	24	U
124-48-1	Dibromochloromethane	24	U
79-00-5	1,1,2-Trichloroethane	24	U
71-43-2	Benzene	24	U
10061-02-6	trans-1,3-Dichloropropene	24	U
75-25-2	Bromoform	24	U
108-10-1	4-Methyl-2-pentanone	24	U
591-78-6	2-Hexanone	24	U
127-18-4	Tetrachloroethene	24	U
108-88-3	Toluene	24	U
79-34-5	1,1,2,2-Tetrachloroethane	24	U
108-90-7	Chlorobenzene	24	U
100-41-4	Ethylbenzene	24	U
100-42-5	Styrene	24	U
1330-20-7	Total Xylenes	24	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	24	U
156-59-2	cis-1,2-Dichloroethene	48	U

24 20 ~~24~~ U

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

38/765

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB1-13-14-17.2

Lab Code: RECN

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6262315

Sample wt/vol: 5.00 (g/mL) G

Lab File ID: F9030.RR

Level: (low/med) LOW

Date Samp/Recv: 03/10/2006 03/11/2006

% Moisture: not dec. 58 Heated Purge: Y

Date Analyzed: 03/16/2006

GC Column: DB-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
156-60-5	trans-1,2-Dichloroethene		
75-71-8	Dichlorodifluoromethane	11	J
75-69-4	Trichlorofluoromethane	24	U
79-20-9	Methyl acetate	24	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	24	U
110-82-7	Cyclohexane	24	U
108-87-2	Methylcyclohexane	24	U
106-93-4	1,2-Dibromoethane	24	U
98-82-8	Isopropylbenzene	24	U
541-73-1	1,3-Dichlorobenzene	24	U
106-46-7	1,4-Dichlorobenzene	24	U
95-50-1	1,2-Dichlorobenzene	24	U
96-12-8	1,2-Dibromo-3-chloropropane	24	U
120-82-1	1,2,4-Trichlorobenzene	24	U

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

Client No.

GPB1-13-14-17.2

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNV

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6262315

Sample wt/vol: 5.00 (g/mL) G

Lab File ID: F9030.RR

Level: (low/med) LOW

Date Samp/Recv: 03/10/2006 03/11/2006

% Moisture: not dec. 57.6

Date Analyzed: 03/16/2006

GC Column: DB-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	2.85	23	JN

*Handwritten signature and date:*  
9-22-06

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

40/765

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB1-13-6-10

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6262316

Sample wt/vol: 1.00 (g/mL) G

Lab File ID: F9038.RR

Level: (low/med) LOW

Date Samp/Recv: 03/10/2006 03/11/2006

% Moisture: not dec. 50 Heated Purge: Y

Date Analyzed: 03/16/2006

GC Column: DB-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		100	U
74-83-9	Bromomethane		100	U
75-01-4	Vinyl chloride		1200	
75-00-3	Chloroethane		100	U
75-09-2	Methylene chloride		54	J
67-64-1	Acetone		39	J
75-15-0	Carbon Disulfide		100	U
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		100	U
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		100	U
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		100	U
591-78-6	2-Hexanone		100	U
127-18-4	Tetrachloroethene		100	U
108-88-3	Toluene		100	U
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		100	U
			1500	

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

Client No.

GPB1-13-6-10

Lab Name: STL Buffalo Contract: \_\_\_\_\_

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL Lab Sample ID: A6262316

Sample wt/vol: 1.00 (g/mL) G Lab File ID: F9038.RR

Level: (low/med) LOW Date Samp/Recv: 03/10/2006 03/11/2006

% Moisture: not dec. 50 Heated Purge: Y Date Analyzed: 03/16/2006

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

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

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

CAS NO.	COMPOUND	UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	26	J
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 (MIBE)	100	U
110-82-7	Cyclohexane	100	U
108-87-2	Methylcyclohexane	100	U
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-Dibrom-3-chloropropane	100	U
120-82-1	1,2,4-Trichlorobenzene	100	U

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

42/765

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB1-13-6-10

Lab Code: RECNV

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6262316

Sample wt/vol: 1.00 (g/mL) G

Lab File ID: F9038.RR

Level: (low/med) LOW

Date Samp/Recv: 03/10/2006 03/11/2006

% Moisture: not dec. 50.4

Date Analyzed: 03/16/2006

GC Column: DB-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. 75-37-6	1,1-DIFLUOROETHANE	1.25	380	JN
2. 110-54-3	HEXANE	2.85	100	JN

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

Client No.

GPB1-14-6-10

Lab Name: SIL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNV

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6262317

Sample wt/vol: 5.00 (g/mL) G

Lab File ID: F9032.RR

Level: (low/med) LOW

Date Samp/Recv: 03/10/2006 03/11/2006

% Moisture: not dec. 55 Heated Purge: Y

Date Analyzed: 03/16/2006

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg)

UG/KG

Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	Q
74-87-3	Chloromethane	22	U
74-83-9	Bromomethane	22	U
75-01-4	Vinyl chloride	31	U
75-00-3	Chloroethane	22	U
75-09-2	Methylene chloride	22	U
67-64-1	Acetone	22	U
75-15-0	Carbon Disulfide	22	U
75-35-4	1,1-Dichloroethene	22	U
75-34-3	1,1-Dichloroethane	22	U
67-66-3	Chloroform	22	U
107-06-2	1,2-Dichloroethane	22	U
78-93-3	2-Butanone	22	U
71-55-6	1,1,1-Trichloroethane	22	U
56-23-5	Carbon Tetrachloride	22	U
75-27-4	Bromodichloromethane	22	U
78-87-5	1,2-Dichloropropane	22	U
10061-01-5	cis-1,3-Dichloropropene	22	U
79-01-6	Trichloroethene	22	U
124-48-1	Dibromochloromethane	22	U
79-00-5	1,1,2-Trichloroethane	22	U
71-43-2	Benzene	22	U
10061-02-6	trans-1,3-Dichloropropene	22	U
75-25-2	Bromoform	22	U
108-10-1	4-Methyl-2-pentanone	22	U
591-78-6	2-Hexanone	22	U
127-18-4	Tetrachloroethene	22	U
108-88-3	Toluene	22	U
79-34-5	1,1,2,2-Tetrachloroethane	22	U
108-90-7	Chlorobenzene	22	U
100-41-4	Ethylbenzene	22	U
100-42-5	Styrene	22	U
1330-20-7	Total Xylenes	22	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	22	U
156-59-2	cis-1,2-Dichloroethene	6	J

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

44/765

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB1-14-6-10

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6262317

Sample wt/vol: 5.00 (g/mL) G

Lab File ID: F9032.RR

Level: (low/med) LOW

Date Samp/Recv: 03/10/2006 03/11/2006

% Moisture: not dec. 55 Heated Purge: Y

Date Analyzed: 03/16/2006

GC Column: DB-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	3	J
75-71-8	Dichlorodifluoromethane	22	U
75-69-4	Trichlorofluoromethane	22	U
79-20-9	Methyl acetate	22	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	22	U
110-82-7	Cyclohexane	22	U
108-87-2	Methylcyclohexane	22	U
106-93-4	1,2-Dibromoethane	22	U
98-82-8	Isopropylbenzene	22	U
541-73-1	1,3-Dichlorobenzene	22	U
106-46-7	1,4-Dichlorobenzene	22	U
95-50-1	1,2-Dichlorobenzene	22	U
96-12-8	1,2-Dibromo-3-chloropropane	22	U
120-82-1	1,2,4-Trichlorobenzene	22	U

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

Client No.

GPB1-14-6-10

Lab Name: SIL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECN

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOILLab Sample ID: A6262317Sample wt/vol: 5.00 (g/mL) GLab File ID: F9032.RRLevel: (low/med) LOWDate Samp/Recv: 03/10/2006 03/11/2006% Moisture: not dec. 54.8Date Analyzed: 03/16/2006GC Column: DB-624 ID: 0.18 (mm)Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

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

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 110-54-3	HEXANE	2.85	14	JN

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

49/765

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB1-9-14-17.4

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6262306DL

Sample wt/vol: 4.12 (g/mL) G

Lab File ID: Q0768.RR

Level: (low/med) MED

Date Samp/Recv: 03/09/2006 03/11/2006

% Moisture: not dec. 53 Heated Purge: N

Date Analyzed: 03/16/2006

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 250.00

Soil Extract Volume: 10000 (uL)

Soil Aliquot Volume: 100.00 (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	<u>UG/KG</u>	<u>Q</u>
74-87-3	Chloromethane	610000		U
74-83-9	Bromomethane	610000		U
75-01-4	Vinyl chloride	610000		U
75-00-3	Chloroethane	610000		U
75-09-2	Methylene chloride	610000		U
67-64-1	Acetone	610000		U
75-15-0	Carbon Disulfide	610000		U
75-35-4	1,1-Dichloroethene	610000		U
75-34-3	1,1-Dichloroethane	610000		U
67-66-3	Chloroform	610000		U
107-06-2	1,2-Dichloroethane	610000		U
78-93-3	2-Butanone	610000		U
71-55-6	1,1,1-Trichloroethane	610000		U
56-23-5	Carbon Tetrachloride	610000		U
75-27-4	Bromodichloromethane	610000		U
78-87-5	1,2-Dichloropropane	610000		U
10061-01-5	cis-1,3-Dichloropropene	610000		U
79-01-6	Trichloroethene	610000		U
124-48-1	Dibromochloromethane	140000		DJ
79-00-5	1,1,2-Trichloroethane	610000		U
71-43-2	Benzene	610000		U
10061-02-6	trans-1,3-Dichloropropene	610000		U
75-25-2	Bromoform	610000		U
108-10-1	4-Methyl-2-pentanone	610000		U
591-78-6	2-Hexanone	610000		U
127-18-4	Tetrachloroethene	610000		U
108-88-3	Toluene	9800000		D
79-34-5	1,1,2,2-Tetrachloroethane	610000		U
108-90-7	Chlorobenzene	610000		U
100-41-4	Ethylbenzene	610000		U
100-42-5	Styrene	610000		U
1330-20-7	Total Xylenes	610000		U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	610000		U
156-59-2	cis-1,2-Dichloroethene	610000		U

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

Client No.

GPB1-9-14-17.4

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOILLab Sample ID: A6262306Sample wt/vol: 5.14 (g/mL) GLab File ID: F8994.RRLevel: (low/med) LOWDate Samp/Recv: 03/09/2006 03/11/2006% Moisture: not dec. 52.6Date Analyzed: 03/14/2006GC Column: DB-624 ID: 0.18 (mm)Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

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

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 124-18-5	DECANE	8.55	180	JN
2. 1120-21-4	N-UNDECANE	9.81	190	JN
3.	UNKNOWN	10.36	94	J
4. 112-40-3	N-DODECANE	10.79	280	JN
5.	UNKNOWN ALKANE	10.92	120	J
6.	UNKNOWN ALKANE	11.40	160	J
7. 629-50-5	TRIDECANE	11.60	110	JN
8.	UNKNOWN	12.05	98	J
9.	UNKNOWN ALKANE	12.16	100	J
10.	UNKNOWN ALKANE	12.35	110	J

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

50/765

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB1-9-14-17.4

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6262306DL

Sample wt/vol: 4.12 (g/mL) G

Lab File ID: Q0768.RR

Level: (low/med) MED

Date Samp/Recv: 03/09/2006 03/11/2006

% Moisture: not dec. 53 Heated Purge: N

Date Analyzed: 03/16/2006

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 250.00

Soil Extract Volume: 10000 (uL)

Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
156-60-5	trans-1,2-Dichloroethene	610000		U
75-71-8	Dichlorodifluoromethane	610000		U
75-69-4	Trichlorofluoromethane	610000		U
79-20-9	Methyl acetate	610000		U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	610000		U
110-82-7	Cyclohexane	610000		U
108-87-2	Methylcyclohexane	610000		U
106-93-4	1,2-Dibromoethane	610000		U
98-82-8	Isopropylbenzene	610000		U
541-73-1	1,3-Dichlorobenzene	610000		U
106-46-7	1,4-Dichlorobenzene	610000		U
95-50-1	1,2-Dichlorobenzene	610000		U
96-12-8	1,2-Dibromo-3-chloropropane	610000		U
120-82-1	1,2,4-Trichlorobenzene	610000		U

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

Client No.

GPB1-9-14-17.4

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECN

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6262306DL

Sample wt/vol: 4.12 (g/mL) G

Lab File ID: Q0768.RR

Level: (low/med) MED

Date Samp/Recv: 03/09/2006 03/11/2006

% Moisture: not dec. 52.6

Date Analyzed: 03/16/2006

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 250.00

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

52/765

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB3-16-14-17

Lab Code: RECONY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6262302

Sample wt/vol: 5.07 (g/mL) G

Lab File ID: F8990.RR

Level: (low/med) LOW

Date Samp/Recv: 03/08/2006 03/11/2006

% Moisture: not dec. 63 Heated Purge: Y

Date Analyzed: 03/14/2006

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
74-87-3	Chloromethane		26	U
74-83-9	Bromomethane		26	U
75-01-4	Vinyl chloride		26	U
75-00-3	Chloroethane		26	U
75-09-2	Methylene chloride		26	U
67-64-1	Acetone		26	U
75-15-0	Carbon Disulfide		26	U
75-35-4	1,1-Dichloroethene		4	J
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		26	U
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		26	U
124-48-1	Dibromochloromethane		2100	E
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		26	U
108-88-3	Toluene		1000	E
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		26	U
			340	

6000

6100

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

Client No.

GPB3-16-14-17

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOILLab Sample ID: A6262302Sample wt/vol: 5.07 (g/mL) GLab File ID: F8990.RRLevel: (low/med) LOWDate Samp/Recv: 03/08/2006 03/11/2006% Moisture: not dec. 63 Heated Purge: YDate Analyzed: 03/14/2006GC Column: DB-624 ID: 0.18 (mm)Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

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

CAS NO.	COMPOUND	UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	60	
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-Dibromomethane	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

54/765

Client No.

GPB3-16-14-17

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6262302

Sample wt/vol: 5.07 (g/mL) G

Lab File ID: F8990.RR

Level: (low/med) LOW

Date Samp/Recv: 03/08/2006 03/11/2006

% Moisture: not dec. 62.5

Date Analyzed: 03/14/2006

GC Column: DB-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	2.85	30	JN

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

Client No.

GPB3-16-14-17

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6262302DL

Sample wt/vol: 4.00 (g/mL) G

Lab File ID: Q0738.RR

Level: (low/med) MED

Date Samp/Recv: 03/08/2006 03/11/2006

% Moisture: not dec. 63 Heated Purge: Y

Date Analyzed: 03/15/2006

GC Column: DB-624 ID: 0.18 (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

Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	Q
74-87-3	Chloromethane	3200	U
74-83-9	Bromomethane	3200	U
75-01-4	Vinyl chloride	3200	U
75-00-3	Chloroethane	3200	U
75-09-2	Methylene chloride	3200	U
67-64-1	Acetone	3200	U
75-15-0	Carbon Disulfide	3200	U
75-35-4	1,1-Dichloroethene	3200	U
75-34-3	1,1-Dichloroethane	3200	U
67-66-3	Chloroform	3200	U
107-06-2	1,2-Dichloroethane	3200	U
78-93-3	2-Butanone	3200	U
71-55-6	1,1,1-Trichloroethane	3200	U
56-23-5	Carbon Tetrachloride	3200	U
75-27-4	Bromodichloromethane	3200	U
78-87-5	1,2-Dichloropropane	3200	U
10061-01-5	cis-1,3-Dichloropropene	6000	D
79-01-6	Trichloroethene	3200	U
124-48-1	Dibromochloromethane	3200	U
79-00-5	1,1,2-Trichloroethane	3200	U
71-43-2	Benzene	3200	U
10061-02-6	trans-1,3-Dichloropropene	3200	U
75-25-2	Bromofom	3200	U
108-10-1	4-Methyl-2-pentanone	3200	U
591-78-6	2-Hexanone	6100	D
127-18-4	Tetrachloroethene	3200	U
108-88-3	Toluene	3200	U
79-34-5	1,1,2,2-Tetrachloroethane	3200	U
108-90-7	Chlorobenzene	3200	U
100-41-4	Ethylbenzene	3200	U
100-42-5	Styrene	3200	U
1330-20-7	Total Xylenes	3200	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	720	DJ
156-59-2	cis-1,2-Dichloroethene		

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB3-16-6-10

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6262301

Sample wt/vol: 5.18 (g/mL) G

Lab File ID: F8987.RR

Level: (low/med) LOW

Date Samp/Recv: 03/08/2006 03/11/2006

% Moisture: not dec. 51 Heated Purge: Y

Date Analyzed: 03/14/2006

GC Column: DB-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		20	U
74-83-9	Bromomethane		20	U
75-01-4	Vinyl chloride		70	J
75-00-3	Chloroethane		20	U
75-09-2	Methylene chloride		20	U
67-64-1	Acetone		20	U
75-15-0	Carbon Disulfide		20	U
75-35-4	1,1-Dichloroethene		20	U
75-34-3	1,1-Dichloroethane		2	J
67-66-3	Chloroform		20	U
107-06-2	1,2-Dichloroethane		20	U
78-93-3	2-Butanone		20	U
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		20	U
124-48-1	Dibromochloromethane		210	
79-00-5	1,1,2-Trichloroethane		20	U
71-43-2	Benzene		20	U
10061-02-6	trans-1,3-Dichloropropene		20	U
75-25-2	Bromoform		20	U
108-10-1	4-Methyl-2-pentanone		20	U
591-78-6	2-Hexanone		20	U
127-18-4	Tetrachloroethene		20	U
108-88-3	Toluene		870	E
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		20	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane		20	U
156-59-2	cis-1,2-Dichloroethene		20	U
			1400	E

690 J

6400 J

4600 J

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

Client No.

GPB3-16-6-10

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6262301

Sample wt/vol: 5.18 (g/mL) G

Lab File ID: F8987.RR

Level: (low/med) LOW

Date Samp/Recv: 03/08/2006 03/11/2006

% Moisture: not dec. 51 Heated Purge: Y

Date Analyzed: 03/14/2006

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg)

UG/KG

Q

CAS NO.	COMPOUND	UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	38	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 (MIBE)	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

60/765

Client No.

GPB3-16-6-10

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECN Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6262301

Sample wt/vol: 5.18 (g/mL) G

Lab File ID: F8987.RR

Level: (low/med) LOW

Date Samp/Recv: 03/08/2006 03/11/2006

% Moisture: not dec. 51.5

Date Analyzed: 03/14/2006

GC Column: DB-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	2.85	25	JN

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

61/765

Client No.

GPB3-16-6-10

Lab Name: STL Buffalo Contract: \_\_\_\_\_

Lab Code: RECNV Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL Lab Sample ID: A6262301DL

Sample wt/vol: 4.02 (g/mL) G Lab File ID: 00735.RR

Level: (low/med) MED Date Samp/Recv: 03/08/2006 03/11/2006

% Moisture: not dec. 51 Heated Purge: N Date Analyzed: 03/15/2006

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

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

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(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		2400	U
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		2400	U
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		690	DU
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		6400	D
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		4600	D

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

64/765

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB3-17-14-18

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6262303

Sample wt/vol: 5.04 (g/mL) G

Lab File ID: F8991.RR

Level: (low/med) LOW

Date Samp/Recv: 03/08/2006 03/11/2006

% Moisture: not dec. 58 Heated Purge: Y

Date Analyzed: 03/14/2006

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
74-87-3	Chloromethane		24	U
74-83-9	Bromomethane		24	U
75-01-4	Vinyl chloride		340	
75-00-3	Chloroethane		24	U
75-09-2	Methylene chloride		24	U
67-64-1	Acetone		24	U
75-15-0	Carbon Disulfide		24	U
75-35-4	1,1-Dichloroethene		44	
75-34-3	1,1-Dichloroethane		24	U
67-66-3	Chloroform		24	U
107-06-2	1,2-Dichloroethane		24	U
78-93-3	2-Butanone		24	U
71-55-6	1,1,1-Trichloroethane		24	U
56-23-5	Carbon Tetrachloride		24	U
75-27-4	Bromodichloromethane		24	U
78-87-5	1,2-Dichloropropane		24	U
10061-01-5	cis-1,3-Dichloropropene		24	U
79-01-6	Trichloroethene		24	U
124-48-1	Dibromochloromethane		<del>3000</del>	E
79-00-5	1,1,2-Trichloroethane		24	U
71-43-2	Benzene		24	U
10061-02-6	trans-1,3-Dichloropropene		24	U
75-25-2	Bromoform		24	U
108-10-1	4-Methyl-2-pentanone		24	U
591-78-6	2-Hexanone		24	U
127-18-4	Tetrachloroethene		24	U
108-88-3	Toluene		18000	E
79-34-5	1,1,2,2-Tetrachloroethane		9	J
108-90-7	Chlorobenzene		24	U
100-41-4	Ethylbenzene		24	U
100-42-5	Styrene		28	
1330-20-7	Total Xylenes		24	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane		130	
156-59-2	cis-1,2-Dichloroethene		24	U
			<del>4300</del>	E

53,000 J

1,300,000

23,000 J

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

65/765

Client No.

GPB3-17-14-18

Lab Name: STL Buffalo Contract: \_\_\_\_\_

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6262303

Sample wt/vol: 5.04 (g/mL) G

Lab File ID: F8991.RR

Level: (low/med) LOW

Date Samp/Recv: 03/08/2006 03/11/2006

% Moisture: not dec. 58 Heated Purge: Y

Date Analyzed: 03/14/2006

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	340		
75-71-8	Dichlorodifluoromethane	24		U
75-69-4	Trichlorofluoromethane	24		U
79-20-9	Methyl acetate	24		U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	24		U
110-82-7	Cyclohexane	24		U
108-87-2	Methylcyclohexane	24		U
106-93-4	1,2-Dibromoethane	24		U
98-82-8	Isopropylbenzene	24		U
541-73-1	1,3-Dichlorobenzene	24		U
106-46-7	1,4-Dichlorobenzene	24		U
95-50-1	1,2-Dichlorobenzene	24		U
96-12-8	1,2-Dibromo-3-chloropropane	24		U
120-82-1	1,2,4-Trichlorobenzene	24		U



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

66/765

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB3-17-14-18

Lab Code: RECNV Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6262303

Sample wt/vol: 5.04 (g/mL) G

Lab File ID: F8991.RR

Level: (low/med) LOW

Date Samp/Recv: 03/08/2006 03/11/2006

% Moisture: not dec. 58.1

Date Analyzed: 03/14/2006

GC Column: DB-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	2.85	23	JN

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

67765

Client No.

GPB3-17-14-18

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6262303DL

Sample wt/vol: 4.01 (g/mL) G

Lab File ID: Q0767.RR

Level: (low/med) MED

Date Samp/Recv: 03/08/2006 03/11/2006

% Moisture: not dec. 58 Heated Purge: Y

Date Analyzed: 03/16/2006

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 40.00

Soil Extract Volume: 10000 (uL)

Soil Aliquot Volume: 100.00 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

CAS NO.	COMPOUND	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	53000	DU
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	1300000	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	23000	DJ

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

70/765

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB5-1-14-18

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6262304

Sample wt/vol: 5.09 (g/mL) G

Lab File ID: F8992.RR

Level: (low/med) LOW

Date Samp/Recv: 03/09/2006 03/11/2006

% Moisture: not dec. 51 Heated Purge: Y

Date Analyzed: 03/14/2006

GC Column: DB-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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
74-87-3	Chloromethane		20	U
74-83-9	Bromomethane		20	U
75-01-4	Vinyl chloride		330	U
75-00-3	Chloroethane		20	U
75-09-2	Methylene chloride		20	U
67-64-1	Acetone		20	U
75-15-0	Carbon Disulfide		20	U
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		20	U
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		20	U
124-48-1	Dibromochloromethane		450	E
79-00-5	1,1,2-Trichloroethane		20	U
71-43-2	Benzene		20	U
10061-02-6	trans-1,3-Dichloropropene		20	U
75-25-2	Bromoform		20	U
108-10-1	4-Methyl-2-pentanone		20	U
591-78-6	2-Hexanone		20	U
127-18-4	Tetrachloroethene		20	U
108-88-3	Toluene		190	U
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		20	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane		20	U
156-59-2	cis-1,2-Dichloroethene		20	U
			1800	E

J

1300 J

990 J

3700 J

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

71/765

Client No.

GPB5-1-14-18

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6262304

Sample wt/vol: 5.09 (g/mL) G

Lab File ID: F8992.RR

Level: (low/med) LOW

Date Samp/Recv: 03/09/2006 03/11/2006

% Moisture: not dec. 51 Heated Purge: Y

Date Analyzed: 03/14/2006

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	64		3
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

72/765

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB5-1-14-18

Lab Code: RECN Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6262304

Sample wt/vol: 5.09 (g/mL) G

Lab File ID: F8992.RR

Level: (low/med) LOW

Date Samp/Recv: 03/09/2006 03/11/2006

% Moisture: not dec. 51.3

Date Analyzed: 03/14/2006

GC Column: DB-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	2.85	22	JN

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

73/765

Client No.

GPB5-1-14-18

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNV

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6262304DL

Sample wt/vol: 4.12 (g/mL) G

Lab File ID: Q0740.RR

Level: (low/med) MED

Date Samp/Recv: 03/09/2006 03/11/2006

% Moisture: not dec. 51 Heated Purge: Y

Date Analyzed: 03/16/2006

GC Column: DB-624 ID: 0.18 (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

Q

CAS NO.	COMPOUND	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	2400	U
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	2400	U
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	1300	DJ
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	990	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	3700	D

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

76/765

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB5-2-14-17.5

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6262305

Sample wt/vol: 5.17 (g/mL) G

Lab File ID: F8993.RR

Level: (low/med) LOW

Date Samp/Recv: 03/09/2006 03/11/2006

% Moisture: not dec. 53 Heated Purge: Y

Date Analyzed: 03/14/2006

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
74-87-3	-----Chloromethane		21	U
74-83-9	-----Bromomethane		21	U
75-01-4	-----Vinyl chloride		480	E
75-00-3	-----Chloroethane		21	U
75-09-2	-----Methylene chloride		21	U
67-64-1	-----Acetone		21	U
75-15-0	-----Carbon Disulfide		5	J
75-35-4	-----1,1-Dichloroethene		21	U
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		21	U
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		330	U
124-48-1	-----Dibromochloromethane		21	U
79-00-5	-----1,1,2-Trichloroethane		21	U
71-43-2	-----Benzene		21	U
10061-02-6	----trans-1,3-Dichloropropene		21	U
75-25-2	-----Bromoform		21	U
108-10-1	-----4-Methyl-2-pentanone		21	U
591-78-6	-----2-Hexanone		21	U
127-18-4	-----Tetrachloroethene		54	U
108-88-3	-----Toluene		21	U
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		21	U
76-13-1	-----1,1,2-Trichloro-1,2,2-trifluoroethane		21	U
156-59-2	-----cis-1,2-Dichloroethene		1900	E

3600

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

77765

Client No.

GPB5-2-14-17.5

Lab Name: STL Buffalo Contract: \_\_\_\_\_

Lab Code: RECNV Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6262305

Sample wt/vol: 5.17 (g/mL) G

Lab File ID: F8993.RR

Level: (low/med) LOW

Date Samp/Recv: 03/09/2006 03/11/2006

% Moisture: not dec. 53 Heated Purge: Y

Date Analyzed: 03/14/2006

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg)

UG/KG

Q

CAS NO.	COMPOUND	UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	170	
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

78/765

Client No.

GPB5-2-14-17.5

Lab Name: STL Buffalo Contract: \_\_\_\_\_

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL Lab Sample ID: A6262305

Sample wt/vol: 5.17 (g/mL) G Lab File ID: F8993.RR

Level: (low/med) LOW Date Samp/Recv: 03/09/2006 03/11/2006

% Moisture: not dec. 53.3 Date Analyzed: 03/14/2006

GC Column: DB-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	2.85	18	JN

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

79/765

Client No.

GPB5-2-14-17.5

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNV

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6262305DL

Sample wt/vol: 4.01 (g/mL) G

Lab File ID: Q0741.RR

Level: (low/med) MED

Date Samp/Recv: 03/09/2006 03/11/2006

% Moisture: not dec. 53 Heated Purge: Y

Date Analyzed: 03/16/2006

GC Column: DB-624 ID: 0.18 (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 Q

CAS NO.	COMPOUND	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	2600	U
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	620	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	2600	U
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	3600	D

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

82/765

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB5-3-10-14

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6262313

Sample wt/vol: 5.09 (g/mL) G

Lab File ID: F9028.RR

Level: (low/med) LOW

Date Samp/Recv: 03/09/2006 03/11/2006

% Moisture: not dec. 43 Heated Purge: Y

Date Analyzed: 03/16/2006

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	-----Chloromethane	17	U
74-83-9	-----Bromomethane	17	U
75-01-4	-----Vinyl chloride	170	
75-00-3	-----Chloroethane	17	U
75-09-2	-----Methylene chloride	17	U
67-64-1	-----Acetone	17	U
75-15-0	-----Carbon Disulfide	17	U
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	17	U
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	17	U
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	17	U
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	260	

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

83/765

Client No.

GPB5-3-10-14

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNV

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6262313

Sample wt/vol: 5.09 (g/mL) G

Lab File ID: F9028.RR

Level: (low/med) LOW

Date Samp/Recv: 03/09/2006 03/11/2006

% Moisture: not dec. 43 Heated Purge: Y

Date Analyzed: 03/16/2006

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg)

UG/KG

Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
156-60-5	trans-1,2-Dichloroethene		5	J
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

84/765

Client No.

GPB5-3-10-14

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6262313

Sample wt/vol: 5.09 (g/mL) G

Lab File ID: F9028.RR

Level: (low/med) LOW

Date Samp/Recv: 03/09/2006 03/11/2006

% Moisture: not dec. 42.6

Date Analyzed: 03/16/2006

GC Column: DB-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	2.85	18	JN

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

85/765

Client No.

GPB5-3-14-17

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6262314

Sample wt/vol: 5.11 (g/mL) G

Lab File ID: F9036.RR

Level: (low/med) LOW

Date Samp/Recv: 03/09/2006 03/11/2006

% Moisture: not dec. 47 Heated Purge: Y

Date Analyzed: 03/16/2006

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg)

UG/KG

Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	<u>Q</u>
74-87-3	Chloromethane	19		U
74-83-9	Bromomethane	19		U
75-01-4	Vinyl chloride	54		
75-00-3	Chloroethane	19		U
75-09-2	Methylene chloride	19		U
67-64-1	Acetone	8		J
75-15-0	Carbon Disulfide	6		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	19		U
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	170		
124-48-1	Dibromochloromethane	19		U
79-00-5	1,1,2-Trichloroethane	19		U
71-43-2	Benzene	19		U
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	19		U
127-18-4	Tetrachloroethene	320		B
108-88-3	Toluene	19		U
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	19		U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	19		U
156-59-2	cis-1,2-Dichloroethene	630		E

670

690

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

86/765

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB5-3-14-17

Lab Code: REONY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6262314

Sample wt/vol: 5.11 (g/mL) G

Lab File ID: F9036.RR

Level: (low/med) LOW

Date Samp/Recv: 03/09/2006 03/11/2006

% Moisture: not dec. 47 Heated Purge: Y

Date Analyzed: 03/16/2006

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
156-60-5	trans-1,2-Dichloroethene		24	
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 (MIBE)		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

87765

Client No.

GPB5-3-14-17

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: REONY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6262314

Sample wt/vol: 5.11 (g/mL) G

Lab File ID: F9036.RR

Level: (low/med) LOW

Date Samp/Recv: 03/09/2006 03/11/2006

% Moisture: not dec. 47.4

Date Analyzed: 03/16/2006

GC Column: DB-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	2.85	19	JN



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

91/765

Client No.

GPB5-3-6-10

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6262312

Sample wt/vol: 1.12 (g/mL) G

Lab File ID: F9027.RR

Level: (low/med) LOW

Date Samp/Recv: 03/09/2006 03/11/2006

% Moisture: not dec. 46 Heated Purge: Y

Date Analyzed: 03/16/2006

GC Column: DB-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

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		140	
75-00-3	Chloroethane		83	U
75-09-2	Methylene chloride		83	U
67-64-1	Acetone		83	U
75-15-0	Carbon Disulfide		83	U
75-35-4	1,1-Dichloroethene		83	U
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		83	U
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		83	U
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		83	U
108-88-3	Toluene	83	83	U
79-34-5	1,1,2,2-Tetrachloroethane		83	U
108-90-7	Chlorobenzene		83	U
100-41-4	Ethylbenzene		83	U
100-42-5	Styrene		83	U
1330-20-7	Total Xylenes		83	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane		83	U
156-59-2	cis-1,2-Dichloroethene		1000	

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

90/765

Client No.

GPB5-3-14-17

Lab Name: STL Buffalo Contract: \_\_\_\_\_

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6262314DL

Sample wt/vol: 1.08 (g/mL) G

Lab File ID: F9029.RR

Level: (low/med) LOW

Date Samp/Recv: 03/09/2006 03/11/2006

% Moisture: not dec. 47.4

Date Analyzed: 03/16/2006

GC Column: DB-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	2.85	100	JN

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

92/765

Client No.

Lab Name: STL Buffalo Contract: \_\_\_\_\_

GPB5-3-6-10

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6262312

Sample wt/vol: 1.12 (g/mL) G

Lab File ID: F9027.RR

Level: (low/med) LOW

Date Samp/Recv: 03/09/2006 03/11/2006

% Moisture: not dec. 46 Heated Purge: Y

Date Analyzed: 03/16/2006

GC Column: DB-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	18	J
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

93/765

Client No.

GPB5-3-6-10

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6262312

Sample wt/vol: 1.12 (g/mL) G

Lab File ID: F9027.RR

Level: (low/med) LOW

Date Samp/Recv: 03/09/2006 03/11/2006

% Moisture: not dec. 46.1

Date Analyzed: 03/16/2006

GC Column: DB-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	2.85	97	JN

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

22/1519

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPCS-1-14-18

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6274703

Sample wt/vol: 5.14 (g/mL) G

Lab File ID: F9041.RR

Level: (low/med) LOW

Date Samp/Recv: 03/13/2006 03/15/2006

% Moisture: not dec. 53 Heated Purge: Y

Date Analyzed: 03/17/2006

GC Column: DB-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
74-87-3	Chloromethane	21	U
74-83-9	Bromomethane	21	U
75-01-4	Vinyl chloride	10	J
75-00-3	Chloroethane	21	U
75-09-2	Methylene chloride	21	JU
67-64-1	Acetone	21	JU
75-15-0	Carbon Disulfide	2	J
75-35-4	1,1-Dichloroethene	21	U
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	21	U
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	21	U
124-48-1	Dibromochloromethane	21	U
79-00-5	1,1,2-Trichloroethane	21	U
71-43-2	Benzene	21	U
10061-02-6	trans-1,3-Dichloropropene	21	U
75-25-2	Bromoform	21	U
108-10-1	4-Methyl-2-pentanone	21	U
591-78-6	2-Hexanone	21	U
127-18-4	Tetrachloroethene	21	U
108-88-3	Toluene	21	U
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	21	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	21	U
156-59-2	cis-1,2-Dichloroethene	21	U

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

Client No.

GPCS-1-14-18

Lab Name: STL Buffalo Contract: \_\_\_\_\_

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL Lab Sample ID: A6274703

Sample wt/vol: 5.14 (g/mL) G Lab File ID: F9041.RR

Level: (low/med) LOW Date Samp/Recv: 03/13/2006 03/15/2006

% Moisture: not dec. 53 Heated Purge: Y Date Analyzed: 03/17/2006

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

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

156-60-5	trans-1,2-Dichloroethene	21	U
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

24/1519

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPCS-1-14-18

Lab Code: REONY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6274703

Sample wt/vol: 5.14 (g/mL) G

Lab File ID: F9041.RR

Level: (low/med) LOW

Date Samp/Recv: 03/13/2006 03/15/2006

% Moisture: not dec. 53.1

Date Analyzed: 03/17/2006

GC Column: DB-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	<del>HEXANE</del>	2.85	<del>19</del>	<del>JN</del>

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

Client No.

GPCS-1-2-4

Lab Name: SIL Buffalo Contract: \_\_\_\_\_

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL Lab Sample ID: A6274701

Sample wt/vol: 5.02 (g/mL) G Lab File ID: F9058.RR

Level: (low/med) LOW Date Samp/Recv: 03/13/2006 03/15/2006

% Moisture: not dec. 35 Heated Purge: Y Date Analyzed: 03/17/2006

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

74-87-3	-----Chloromethane	15	U
74-83-9	-----Bromomethane	15	U
75-01-4	-----Vinyl chloride	15	U
75-00-3	-----Chloroethane	15	U
75-09-2	-----Methylene chloride	15 <del>8</del>	<del>U</del> U
67-64-1	-----Acetone	25	U
75-15-0	-----Carbon Disulfide	15	U
75-35-4	-----1,1-Dichloroethene	15	U
75-34-3	-----1,1-Dichloroethane	15	U
67-66-3	-----Chloroform	15	U
107-06-2	-----1,2-Dichloroethane	15	U
78-93-3	-----2-Butanone	6	J
71-55-6	-----1,1,1-Trichloroethane	15	U
56-23-5	-----Carbon Tetrachloride	15	U
75-27-4	-----Bromodichloromethane	15	U
78-87-5	-----1,2-Dichloropropane	15	U
10061-01-5	----cis-1,3-Dichloropropene	15	U
79-01-6	-----Trichloroethene	15	U
124-48-1	-----Dibromochloromethane	15	U
79-00-5	-----1,1,2-Trichloroethane	15	U
71-43-2	-----Benzene	15	U
10061-02-6	----trans-1,3-Dichloropropene	15	U
75-25-2	-----Bromoform	15	U
108-10-1	-----4-Methyl-2-pentanone	15	U
591-78-6	-----2-Hexanone	15	U
127-18-4	-----Tetrachloroethene	15 <del>2</del>	<del>U</del> U
108-88-3	-----Toluene	15	U
79-34-5	-----1,1,2,2-Tetrachloroethane	15	U
108-90-7	-----Chlorobenzene	15	U
100-41-4	-----Ethylbenzene	15	U
100-42-5	-----Styrene	15	U
1330-20-7	-----Total Xylenes	15	U
76-13-1	-----1,1,2-Trichloro-1,2,2-trifluoroethane	15	U J
156-59-2	-----cis-1,2-Dichloroethene	15	U



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

26/1519

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPCS-1-2-4

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6274701

Sample wt/vol: 5.02 (g/mL) G

Lab File ID: F9058.RR

Level: (low/med) LOW

Date Samp/Recv: 03/13/2006 03/15/2006

% Moisture: not dec. 35 Heated Purge: Y

Date Analyzed: 03/17/2006

GC Column: DB-624 ID: 0.53 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
156-60-5	trans-1,2-Dichloroethene		15	U
75-71-8	Dichlorodifluoromethane		15	U
75-69-4	Trichlorofluoromethane		15	U
79-20-9	Methyl acetate		15	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)		15	U
110-82-7	Cyclohexane		15	U
108-87-2	Methylcyclohexane		3	J
106-93-4	1,2-Dibromoethane		15	U
98-82-8	Isopropylbenzene		15	U
541-73-1	1,3-Dichlorobenzene		5	J
106-46-7	1,4-Dichlorobenzene		15	U
95-50-1	1,2-Dichlorobenzene		15	U
96-12-8	1,2-Dibromo-3-chloropropane		15	U
120-82-1	1,2,4-Trichlorobenzene		15	U

27/1519

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

Client No.

GPCS-1-2-4

Lab Name: SIL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECN

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOILLab Sample ID: A6274701Sample wt/vol: 5.02 (g/mL) GLab File ID: F9058.RRLevel: (low/med) LOWDate Samp/Recv: 03/13/2006 03/15/2006% Moisture: not dec. 35.0Date Analyzed: 03/17/2006GC Column: DB-624 ID: 0.53 (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.	DECAHYDRONAPHTHALENE ISOMER	9.66	530	J
2. 2958-76-1	DECAHYDRO-2-METHYLNAPHTHALEN	10.27	690	JN
3.	CYCLOHEXANE ISOMER	10.36	800	J
4. 767-58-8	1-METHYLINDANE	10.81	1000	JN
5.	UNKNOWN HYDROCARBON	10.92	780	J
6.	UNKNOWN HYDROCARBON	11.40	850	J
7.	UNKNOWN	11.48	700	J
8.	INDENE ISOMER	11.63	480	J
9.	INDENE ISOMER	11.77	850	J
10.	UNKNOWN	12.17	660	J

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

28/1519

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPCS-1-4.8-10

Lab Code: RECONY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6274702

Sample wt/vol: 5.18 (g/mL) G

Lab File ID: F9055.RR

Level: (low/med) LOW

Date Samp/Recv: 03/13/2006 03/15/2006

% Moisture: not dec. 48 Heated Purge: Y

Date Analyzed: 03/17/2006

GC Column: DB-624 ID: 0.53 (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
74-83-9	-----Bromomethane	19	U
75-01-4	-----Vinyl chloride	31	
75-00-3	-----Chloroethane	19	U
75-09-2	-----Methylene chloride	19	U
67-64-1	-----Acetone	19	U
75-15-0	-----Carbon Disulfide	19 10	JK
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	19	U
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	19	U
124-48-1	-----Dibromochloromethane	19	U
79-00-5	-----1,1,2-Trichloroethane	19	U
71-43-2	-----Benzene	19	U
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	19	U
127-18-4	-----Tetrachloroethene	19	U
108-88-3	-----Toluene	19 2	JK
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	19	U
76-13-1	-----1,1,2-Trichloro-1,2,2-trifluoroethane	19	U
156-59-2	-----cis-1,2-Dichloroethene	20	J

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

Client No.

GPCS-1-4.8-10

Lab Name: STL Buffalo Contract: \_\_\_\_\_

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6274702

Sample wt/vol: 5.18 (g/mL) G

Lab File ID: F9055.RR

Level: (low/med) LOW

Date Samp/Recv: 03/13/2006 03/15/2006

% Moisture: not dec. 48 Heated Purge: Y

Date Analyzed: 03/17/2006

GC Column: DB-624 ID: 0.53 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

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

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	19		U
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	2		J
108-87-2	Methylcyclohexane	2		J
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  
ANALYSIS DATA SHEET

31/1519

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPCS-15-14-17

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

GPB1-145

14-17

Matrix: (soil/water) SOIL

Lab Sample ID: A6274710

Sample wt/vol: 5.00 (g/mL) G

Lab File ID: F9050.RR

Level: (low/med) LOW

Date Samp/Recv: 03/13/2006 03/15/2006

% Moisture: not dec. 51 Heated Purge: Y

Date Analyzed: 03/17/2006

GC Column: DB-624 ID: 0.53 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
74-87-3	Chloromethane		20	U
74-83-9	Bromomethane		20	U
75-01-4	Vinyl chloride		20	U
75-00-3	Chloroethane		20	U
75-09-2	Methylene chloride		20	U
67-64-1	Acetone	20	11	BU
75-15-0	Carbon Disulfide	20	7	BU
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		20	U
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		20	U
124-48-1	Dibromochloromethane		20	U
79-00-5	1,1,2-Trichloroethane		20	U
71-43-2	Benzene		20	U
10061-02-6	trans-1,3-Dichloropropene		20	U
75-25-2	Bromoform		20	U
108-10-1	4-Methyl-2-pentanone		20	U
591-78-6	2-Hexanone		20	U
127-18-4	Tetrachloroethene		20	U
108-88-3	Toluene	20	5	BU
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		20	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane		20	U
156-59-2	cis-1,2-Dichloroethene		20	U

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

30/1519

Client No.

GPCS-1-4.8-10

Lab Name: STL Buffalo Contract: \_\_\_\_\_

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6274702

Sample wt/vol: 5.18 (g/mL) G

Lab File ID: F9055.RR

Level: (low/med) LOW

Date Samp/Recv: 03/13/2006 03/15/2006

% Moisture: not dec. 48.1

Date Analyzed: 03/17/2006

GC Column: DB-624 ID: 0.53 (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	<del>HEXANE</del>	2.85	<del>28</del>	<del>BJN</del>
2.	TRIMETHYLNAPHTHALENE ISOMER	10.96	79	J
3.	TRIMETHYLNAPHTHALENE	11.20	48	J
4. 2131-42-2	1,4,6-TRIMETHYLNAPHTHALENE	11.34	37	JN
5.	TRIMETHYLNAPHTHALENE ISOMER	11.41	120	J
6.	TRIMETHYLNAPHTHALENE ISOMER	11.49	170	J
7.	TRIMETHYLAZULENE ISOMER	11.77	95	J
8.	TRIMETHYLNAPHTHALENE ISOMER	11.86	51	J
9.	TRIMETHYLNAPHTHALENE ISOMER	12.10	23	J
10.	UNKNOWN	12.73	20	J

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

32/1519

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPCS-15-14-17

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6274710

Sample wt/vol: 5.00 (g/mL) G

Lab File ID: F9050.RR

Level: (low/med) LOW

Date Samp/Recv: 03/13/2006 03/15/2006

% Moisture: not dec. 51 Heated Purge: Y

Date Analyzed: 03/17/2006

GC Column: DB-624 ID: 0.53 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
156-60-5	trans-1,2-Dichloroethene		20	U
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

33/1519

Client No.

GPB1-15-14-17

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECN

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6274710

Sample wt/vol: 5.00 (g/mL) G

Lab File ID: F9050.RR

Level: (low/med) LOW

Date Samp/Recv: 03/13/2006 03/15/2006

% Moisture: not dec. 51.3

Date Analyzed: 03/17/2006

GC Column: DB-624 ID: 0.53 (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	<del>HEXANE</del>	2.85	<del>21</del>	<del>BJN</del> R



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

34/1519

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPCS-2-1.3-4

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6274704

Sample wt/vol: 5.13 (g/mL) G

Lab File ID: F9042.RR

Level: (low/med) LOW

Date Samp/Recv: 03/13/2006 03/15/2006

% Moisture: not dec. 15 Heated Purge: Y

Date Analyzed: 03/17/2006

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
74-87-3	-----Chloromethane		11	U
74-83-9	-----Bromomethane		11	U
75-01-4	-----Vinyl chloride		11	U
75-00-3	-----Chloroethane		11	U
75-09-2	-----Methylene chloride		11	U
67-64-1	-----Acetone		11	U
75-15-0	-----Carbon Disulfide	11	8	JU
75-35-4	-----1,1-Dichloroethene		11	U
75-34-3	-----1,1-Dichloroethane		11	U
67-66-3	-----Chloroform		11	U
107-06-2	-----1,2-Dichloroethane		11	U
78-93-3	-----2-Butanone		11	U
71-55-6	-----1,1,1-Trichloroethane		11	U
56-23-5	-----Carbon Tetrachloride		11	U
75-27-4	-----Bromodichloromethane		11	U
78-87-5	-----1,2-Dichloropropane		11	U
10061-01-5	----cis-1,3-Dichloropropene		11	U
79-01-6	-----Trichloroethene		11	U
124-48-1	-----Dibromochloromethane		11	U
79-00-5	-----1,1,2-Trichloroethane		11	U
71-43-2	-----Benzene		11	U
10061-02-6	----trans-1,3-Dichloropropene		11	U
75-25-2	-----Bromoform		11	U
108-10-1	-----4-Methyl-2-pentanone		11	U
591-78-6	-----2-Hexanone		11	U
127-18-4	-----Tetrachloroethene		11	U
108-88-3	-----Toluene	11	2	BU
79-34-5	-----1,1,2,2-Tetrachloroethane		11	U
108-90-7	-----Chlorobenzene		11	U
100-41-4	-----Ethylbenzene		11	U
100-42-5	-----Styrene		11	U
1330-20-7	-----Total Xylenes		11	U
76-13-1	-----1,1,2-Trichloro-1,2,2-trifluoroethane		11	U
156-59-2	-----cis-1,2-Dichloroethene		11	U J

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

Client No.

GPCS-2-1.3-4

Lab Name: STL Buffalo Contract: \_\_\_\_\_

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL Lab Sample ID: A6274704

Sample wt/vol: 5.13 (g/mL) G Lab File ID: F9042.RR

Level: (low/med) LOW Date Samp/Recv: 03/13/2006 03/15/2006

% Moisture: not dec. 15 Heated Purge: Y Date Analyzed: 03/17/2006

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

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

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

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
156-60-5	trans-1,2-Dichloroethene		11	U
75-71-8	Dichlorodifluoromethane		11	U
75-69-4	Trichlorofluoromethane		11	U
79-20-9	Methyl acetate		11	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)		11	U
110-82-7	Cyclohexane		11	U
108-87-2	Methylcyclohexane		11	U
106-93-4	1,2-Dibromoethane		11	U
98-82-8	Isopropylbenzene		11	U
541-73-1	1,3-Dichlorobenzene		11	U
106-46-7	1,4-Dichlorobenzene		11	U
95-50-1	1,2-Dichlorobenzene		11	U
96-12-8	1,2-Dibromo-3-chloropropane		11	U
120-82-1	1,2,4-Trichlorobenzene		11	U

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

36/1519

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPCS-2-1.3-4

Lab Code: RECNV Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6274704

Sample wt/vol: 5.13 (g/mL) G

Lab File ID: F9042.RR

Level: (low/med) LOW

Date Samp/Recv: 03/13/2006 03/15/2006

% Moisture: not dec. 14.6

Date Analyzed: 03/17/2006

GC Column: DB-624 ID: 0.18 (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	10.81	270	J
2. 17301-28-9	3,6-DIMETHYLUDECANE	10.92	310	JN
3.	UNKNOWN HYDROCARBON	11.40	460	J
4.	UNKNOWN OXYGENATED HYDROCARB	11.46	230	J
5.	UNKNOWN HYDROCARBON	11.74	190	J
6.	UNKNOWN	11.77	190	J
7.	UNKNOWN	11.88	170	J
8.	UNKNOWN HYDROCARBON	12.16	380	J
9.	UNKNOWN HYDROCARBON	12.54	200	J
10.	UNKNOWN HYDROCARBON	12.80	250	J

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

Client No.

GPCS-2-14-18

Lab Name: STL Buffalo Contract: \_\_\_\_\_

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL Lab Sample ID: A6274705

Sample wt/vol: 5.00 (g/mL) G Lab File ID: F9043.RR

Level: (low/med) LOW Date Samp/Recv: 03/13/2006 03/15/2006

% Moisture: not dec. 48 Heated Purge: Y Date Analyzed: 03/17/2006

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

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
74-87-3	-----Chloromethane		19	U
74-83-9	-----Bromomethane		19	U
75-01-4	-----Vinyl chloride		5	J
75-00-3	-----Chloroethane		19	U
75-09-2	-----Methylene chloride		19 <del>2</del>	J U
67-64-1	-----Acetone		19 <del>8</del>	J U
75-15-0	-----Carbon Disulfide		19	U
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		19	U
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		19	U
124-48-1	-----Dibromochloromethane		19	U
79-00-5	-----1,1,2-Trichloroethane		19	U
71-43-2	-----Benzene		19	U
10061-02-6	----trans-1,3-Dichloropropene		19	U
75-25-2	-----Bromofom		19	U
108-10-1	-----4-Methyl-2-pentanone		19	U
591-78-6	-----2-Hexanone		19	U
127-18-4	-----Tetrachloroethene		19 <del>4</del>	J U
108-88-3	-----Toluene		19	U
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		19	U
76-13-1	-----1,1,2-Trichloro-1,2,2-trifluoroethane		19	U J
156-59-2	-----cis-1,2-Dichloroethene		13	J

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

38/1519

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPCS-2-14-18

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6274705

Sample wt/vol: 5.00 (g/mL) G

Lab File ID: F9043.RR

Level: (low/med) LOW

Date Samp/Recv: 03/13/2006 03/15/2006

% Moisture: not dec. 48 Heated Purge: Y

Date Analyzed: 03/17/2006

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
156-60-5	trans-1,2-Dichloroethene		19	U
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.

GPCS-2-14-18

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOILLab Sample ID: A6274705Sample wt/vol: 5.00 (g/mL) GLab File ID: F9043.RRLevel: (low/med) LOWDate Samp/Recv: 03/13/2006 03/15/2006% Moisture: not dec. 48.3Date Analyzed: 03/17/2006GC Column: DB-624 ID: 0.18 (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. 75-37-6	1,1-DIFLUOROETHANE	1.24	52	JN
2. 110-54-3	HEXANE	2.85	17	JN
3.	TRIMETHYLNAPHTHALENE ISOMER	11.50	85	J
4.	TRIMETHYLNAPHTHALENE ISOMER	11.77	35	J
5.	TRIMETHYLNAPHTHALENE ISOMER	11.87	15	J
6.	UNKNOWN HYDROCARBON	12.16	11	J
7.	UNKNOWN HYDROCARBON	12.80	11	J

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

40/1519

Client No.

GPCS-3-14-18

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6274707

Sample wt/vol: 5.10 (g/mL) G

Lab File ID: F9044.RR

Level: (low/med) LOW

Date Samp/Recv: 03/13/2006 03/15/2006

% Moisture: not dec. 45 Heated Purge: Y

Date Analyzed: 03/17/2006

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
74-87-3	-----Chloromethane		18	U
74-83-9	-----Bromomethane		18	U
75-01-4	-----Vinyl chloride		8	J
75-00-3	-----Chloroethane		18	U
75-09-2	-----Methylene chloride		18	U
67-64-1	-----Acetone	18 <del>11</del>	18	J U
75-15-0	-----Carbon Disulfide	18 <del>5</del>	18	J U
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		18	U
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		18	U
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		18	U
108-88-3	-----Toluene	18 <del>3</del>	18	J 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		10	J

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

Client No.

GPCS-3-14-18

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOILLab Sample ID: A6274707Sample wt/vol: 5.10 (g/mL) GLab File ID: F9044.RRLevel: (low/med) LOWDate Samp/Recv: 03/13/2006 03/15/2006% Moisture: not dec. 45 Heated Purge: YDate Analyzed: 03/17/2006GC Column: DB-624 ID: 0.18 (mm)Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

## CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
156-60-5	trans-1,2-Dichloroethene		18	U
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

42/1519

Client No.

GPCS-3-14-18

Lab Name: STL Buffalo Contract: \_\_\_\_\_

Lab Code: RECN Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL Lab Sample ID: A6274707

Sample wt/vol: 5.10 (g/mL) G Lab File ID: F9044.RR

Level: (low/med) LOW Date Samp/Recv: 03/13/2006 03/15/2006

% Moisture: not dec. 44.7 Date Analyzed: 03/17/2006

GC Column: DB-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	<del>HEXANE</del>	2.85	<del>24</del>	<del>JN</del>
2. 829-26-5	<del>2,3,6-TRIMETHYLNAPHTHALENE</del>	11.49	<del>9</del>	<del>JN</del>

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

Client No.

GPCS-4-14-18

Lab Name: STL Buffalo Contract: \_\_\_\_\_

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL Lab Sample ID: A6274709

Sample wt/vol: 5.04 (g/mL) G Lab File ID: F9049.RR

Level: (low/med) LOW Date Samp/Recv: 03/13/2006 03/15/2006

% Moisture: not dec. 55 Heated Purge: Y Date Analyzed: 03/17/2006

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

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

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
74-87-3	Chloromethane		22	U
74-83-9	Bromomethane		22	U
75-01-4	Vinyl chloride		4	J
75-00-3	Chloroethane		22	U
75-09-2	Methylene chloride	<i>22</i>	<i>12</i>	<i>BTU</i>
67-64-1	Acetone		22	U
75-15-0	Carbon Disulfide		22	U
75-35-4	1,1-Dichloroethene		22	U
75-34-3	1,1-Dichloroethane		22	U
67-66-3	Chloroform		22	U
107-06-2	1,2-Dichloroethane		22	U
78-93-3	2-Butanone		22	U
71-55-6	1,1,1-Trichloroethane		22	U
56-23-5	Carbon Tetrachloride		22	U
75-27-4	Bromodichloromethane		22	U
78-87-5	1,2-Dichloropropane		22	U
10061-01-5	cis-1,3-Dichloropropene		22	U
79-01-6	Trichloroethene		22	U
124-48-1	Dibromochloromethane		22	U
79-00-5	1,1,2-Trichloroethane		22	U
71-43-2	Benzene		22	U
10061-02-6	trans-1,3-Dichloropropene		22	U
75-25-2	Bromoform		22	U
108-10-1	4-Methyl-2-pentanone		22	U
591-78-6	2-Hexanone		22	U
127-18-4	Tetrachloroethene	<i>22</i>	<i>5</i>	<i>BTU</i>
108-88-3	Toluene		22	U
79-34-5	1,1,2,2-Tetrachloroethane		22	U
108-90-7	Chlorobenzene		22	U
100-41-4	Ethylbenzene		22	U
100-42-5	Styrene		22	U
1330-20-7	Total Xylenes		22	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane		22	U
156-59-2	cis-1,2-Dichloroethene		5	J

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

44/1519

Client No.

GPCS-4-14-18

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6274709

Sample wt/vol: 5.04 (g/mL) G

Lab File ID: F9049.RR

Level: (low/med) LOW

Date Samp/Recv: 03/13/2006 03/15/2006

% Moisture: not dec. 55 Heated Purge: Y

Date Analyzed: 03/17/2006

GC Column: DB-624 ID: 0.53 (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
156-60-5	trans-1,2-Dichloroethene	22	U
75-71-8	Dichlorodifluoromethane	22	U
75-69-4	Trichlorofluoromethane	22	U J
79-20-9	Methyl acetate	22	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	22	U
110-82-7	Cyclohexane	22	U
108-87-2	Methylcyclohexane	22	U
106-93-4	1,2-Dibromoethane	22	U
98-82-8	Isopropylbenzene	22	U
541-73-1	1,3-Dichlorobenzene	22	U
106-46-7	1,4-Dichlorobenzene	22	U
95-50-1	1,2-Dichlorobenzene	22	U
96-12-8	1,2-Dibromo-3-chloropropane	22	U
120-82-1	1,2,4-Trichlorobenzene	22	U

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

45/1519

Client No.

GPCS-4-14-18

Lab Name: STL Buffalo Contract: \_\_\_\_\_

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL Lab Sample ID: A6274709

Sample wt/vol: 5.04 (g/mL) G Lab File ID: F9049.RR

Level: (low/med) LOW Date Samp/Recv: 03/13/2006 03/15/2006

% Moisture: not dec. 54.7 Date Analyzed: 03/17/2006

GC Column: DB-624 ID: 0.53 (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	<del>HEXANE</del>	2.85	<del>22</del>	<del>BUN</del> R

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

46/1519

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPCS-5-2-4

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6274711

Sample wt/vol: 5.10 (g/mL) G

Lab File ID: F9079.RR

Level: (low/med) LOW

Date Samp/Recv: 03/13/2006 03/15/2006

% Moisture: not dec. 22 Heated Purge: Y

Date Analyzed: 03/20/2006

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
74-87-3	-----Chloromethane		12	U
74-83-9	-----Bromomethane		12	U
75-01-4	-----Vinyl chloride		12	U
75-00-3	-----Chloroethane		12	U
75-09-2	-----Methylene chloride		12	U
67-64-1	-----Acetone		12	U
75-15-0	-----Carbon Disulfide		63	B
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		12	U
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		12	U
124-48-1	-----Dibromochloromethane		11	J
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	-----Bromofom		12	U
108-10-1	-----4-Methyl-2-pentanone		12	U
591-78-6	-----2-Hexanone		12	U
127-18-4	-----Tetrachloroethene		12	U
108-88-3	-----Toluene		65	
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		21	U

*JH*  
3/26/06

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

Client No.

GPCS-5-2-4

Lab Name: STL Buffalo Contract: \_\_\_\_\_Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_Matrix: (soil/water) SOILLab Sample ID: A6274711Sample wt/vol: 5.10 (g/mL) GLab File ID: F9079.RRLevel: (low/med) LOWDate Samp/Recv: 03/13/2006 03/15/2006% Moisture: not dec. 22 Heated Purge: YDate Analyzed: 03/20/2006GC Column: DB-624 ID: 0.18 (mm)Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

## CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
156-60-5	trans-1,2-Dichloroethene		2	J
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		3	J
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

48/1519

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPCS-5-2-4

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6274711

Sample wt/vol: 5.10 (g/mL) G

Lab File ID: F9079.RR

Level: (low/med) LOW

Date Samp/Recv: 03/13/2006 03/15/2006

% Moisture: not dec. 21.7

Date Analyzed: 03/20/2006

GC Column: DB-624 ID: 0.18 (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. 934-80-5	4-ETHYL-1,2-DIMETHYLBENZENE	10.03	26	JN
2. 767-58-8	1-METHYLLINDAN	10.13	26	JN
3.	TETRAMETHYLBENZENE ISOMER	10.39	24	J
4.	PHENYLEUTENE ISOMER	10.81	69	J
5.	INDENE ISOMER	11.20	27	J
6.	UNKNOWN	11.48	21	J
7.	TERTRAHYDRONAPHTHALENE ISOME	11.78	41	J
8.	TERTRAHYDRONAPHTHALENE ISOME	12.03	21	J
9. 91-57-6	2-METHYLNAPHTHALENE	12.19	55	JN
10. 90-12-0	1-METHYLNAPHTHALENE	12.35	57	JN

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

Client No.

GPCS-6-4-6

Lab Name: STL Buffalo Contract: \_\_\_\_\_

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL Lab Sample ID: A6274712

Sample wt/vol: 5.17 (g/mL) G Lab File ID: F9053.RR

Level: (low/med) LOW Date Samp/Recv: 03/13/2006 03/15/2006

% Moisture: not dec. 55 Heated Purge: Y Date Analyzed: 03/17/2006

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

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

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
74-87-3	-----Chloromethane		21	U
74-83-9	-----Bromomethane		21	U
75-01-4	-----Vinyl chloride		21	U
75-00-3	-----Chloroethane		21	U
75-09-2	-----Methylene chloride	21	10	<del>BU</del>
67-64-1	-----Acetone		170	
75-15-0	-----Carbon Disulfide		21	U
75-35-4	-----1,1-Dichloroethene		21	U
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		55	
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		21	U
124-48-1	-----Dibromochloromethane		21	U
79-00-5	-----1,1,2-Trichloroethane		21	U
71-43-2	-----Benzene		21	U
10061-02-6	----trans-1,3-Dichloropropene		21	U
75-25-2	-----Bromoform		21	U
108-10-1	-----4-Methyl-2-pentanone		21	U
591-78-6	-----2-Hexanone		21	U
127-18-4	-----Tetrachloroethene	21	14	<del>BU</del>
108-88-3	-----Toluene		21	U
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		21	U
76-13-1	-----1,1,2-Trichloro-1,2,2-trifluoroethane		21	U
156-59-2	-----cis-1,2-Dichloroethene		3	J



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

50/1519

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPCS-6-4-6

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6274712

Sample wt/vol: 5.17 (g/mL) G

Lab File ID: F9053.RR

Level: (low/med) LOW

Date Samp/Recv: 03/13/2006 03/15/2006

% Moisture: not dec. 55 Heated Purge: Y

Date Analyzed: 03/17/2006

GC Column: DB-624 ID: 0.53 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
156-60-5	trans-1,2-Dichloroethene		21	U
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		27	U
108-87-2	Methylcyclohexane		27	U
106-93-4	1,2-Dibromoethane		130	U
98-82-8	Isopropylbenzene		21	U
541-73-1	1,3-Dichlorobenzene		28	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

51/1519

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

Client No.

GPCS-6-4-6

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: REONY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOILLab Sample ID: A6274712Sample wt/vol: 5.17 (g/mL) GLab File ID: F9053.RRLevel: (low/med) LOWDate Samp/Recv: 03/13/2006 03/15/2006% Moisture: not dec. 54.7Date Analyzed: 03/17/2006GC Column: DB-624 ID: 0.53 (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. 141-93-5	1,3-DIETHYLBENZENE	9.66	340	JN
2. 767-58-8	1-METHYLINDAN	10.13	330	JN
3.	PHENYLBUTENE ISOMER	10.81	670	J
4.	UNKNOWN HYDROCARBON	11.40	460	J
5.	UNKNOWN	11.48	340	J
6.	TETRAHYDRONAPHTHALENE ISOMER	11.78	470	J
7.	UNKNOWN HYDROCARBON	12.16	400	J
8. 91-57-6	2-METHYLNAPHTHALENE	12.19	430	JN
9. 91-57-6	2-METHYLNAPHTHALENE	12.35	360	JN
10.	UNKNOWN HYDROCARBON	12.80	360	J

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

52/1519

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPCS-1-2-4

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6274701

Sample wt/vol: 30.40 (g/mL) G

Lab File ID: V13706.RR

Level: (low/med) LOW

Date Samp/Recv: 03/13/2006 03/15/2006

% Moisture: 36 decanted: (Y/N) Y

Date Extracted: 03/16/2006

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 03/20/2006

Injection Volume: 2.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.3

CAS NO.

COMPOUND

CONCENTRATION UNITS:

(ug/L or ug/Kg)

UG/KG

Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
100-52-7	Benzaldehyde		1000	U
108-95-2	Phenol		57	J
111-44-4	Bis(2-chloroethyl) ether		510	U
95-57-8	2-Chlorophenol		510	U
95-48-7	2-Methylphenol		510	U
108-60-1	2,2'-Oxybis(1-Chloropropane)		510	U
98-86-2	Acetophenone		510	U
106-44-5	4-Methylphenol		1000	U
621-64-7	N-Nitroso-Di-n-propylamine		510	U
67-72-1	Hexachloroethane		510	U
98-95-3	Nitrobenzene		510	U
78-59-1	Isophorone		510	U
88-75-5	2-Nitrophenol		510	U
105-67-9	2,4-Dimethylphenol		510	U
111-91-1	Bis(2-chloroethoxy) methane		510	U
120-83-2	2,4-Dichlorophenol		510	U
91-20-3	Naphthalene		510	U
106-47-8	4-Chloroaniline		350	J
87-68-3	Hexachlorobutadiene		510	U
105-60-2	Caprolactam		510	U
59-50-7	4-Chloro-3-methylphenol		1000	U
91-57-6	2-Methylnaphthalene		510	U
77-47-4	Hexachlorocyclopentadiene		950	U
88-06-2	2,4,6-Trichlorophenol		510	U
95-95-4	2,4,5-Trichlorophenol		510	U
92-52-4	Biphenyl		1200	U
91-58-7	2-Chloronaphthalene		1000	U
88-74-4	2-Nitroaniline		510	U
131-11-3	Dimethyl phthalate		1200	U
606-20-2	2,6-Dinitrotoluene		510	U
208-96-8	Acenaphthylene		510	U
99-09-2	3-Nitroaniline		510	U
			1200	U

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

53/1519

Client No.

GPCS-1-2-4

Lab Name: STL Buffalo Contract: \_\_\_\_\_

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL Lab Sample ID: A6274701

Sample wt/vol: 30.40 (g/mL) G Lab File ID: V13706.RR

Level: (low/med) LOW Date Samp/Recv: 03/13/2006 03/15/2006

% Moisture: 36 decanted: (Y/N) Y Date Extracted: 03/16/2006

Concentrated Extract Volume: 500 (uL) Date Analyzed: 03/20/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.3

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

CAS NO.	COMPOUND	UG/KG	Q
83-32-9	Acenaphthene	720	
51-28-5	2,4-Dinitrophenol	1200	U
100-02-7	4-Nitrophenol	1200	U
132-64-9	Dibenzofuran	510	U
121-14-2	2,4-Dinitrotoluene	510	U
84-66-2	Diethyl phthalate	510	U
86-73-7	Fluorene	1000	
7005-72-3	4-Chlorophenyl phenyl ether	510	U
100-01-6	4-Nitroaniline	1200	U
534-52-1	4,6-Dinitro-2-methylphenol	1200	U
86-30-6	N-nitrosodiphenylamine	510	U
101-55-3	4-Bromophenyl phenyl ether	510	U
118-74-1	Hexachlorobenzene	510	U
1912-24-9	Atrazine	1000	U
87-86-5	Pentachlorophenol	1200	U
85-01-8	Phenanthrene	2400	
120-12-7	Anthracene	510	
86-74-8	Carbazole	510	U
84-74-2	Di-n-butyl phthalate	510	U
206-44-0	Fluoranthene	760	
129-00-0	Pyrene	650	
85-68-7	Butyl benzyl phthalate	510	U
91-94-1	3,3'-Dichlorobenzidine	510	U
56-55-3	Benzo (a) anthracene	300	J
218-01-9	Chrysene	340	J
117-81-7	Bis(2-ethylhexyl) phthalate	510 <del>81</del>	<del>U</del> U
117-84-0	Di-n-octyl phthalate	510	U
205-99-2	Benzo (b) fluoranthene	360	J
207-08-9	Benzo (k) fluoranthene	170	J
50-32-8	Benzo (a) pyrene	240	J
193-39-5	Indeno (1,2,3-cd) pyrene	210	J
53-70-3	Dibenzo (a,h) anthracene	81	J

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

54/1519

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPCS-1-2-4

Lab Code: RECNV Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6274701

Sample wt/vol: 30.40 (g/mL) G

Lab File ID: V13706.RR

Level: (low/med) LOW

Date Samp/Recv: 03/13/2006 03/15/2006

% Moisture: 36 decanted: (Y/N) Y

Date Extracted: 03/16/2006

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 03/20/2006

Injection Volume: 2.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.3

CAS NO.	COMPOUND	CONCENTRATION UNITS:		
		(ug/L or ug/Kg)	UG/KG	Q
191-24-2-----	Benzo(ghi)perylene		30	J

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

55/1519

Client No.

GPCS-1-2-4

Lab Name: STL Buffalo Contract: \_\_\_\_\_

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6274701

Sample wt/vol: 30.40 (g/mL) G

Lab File ID: V13706.RR

Level: (low/med) LOW

Date Samp/Recv: 03/13/2006 03/15/2006

% Moisture: 36.0 decanted: (Y/N) Y

Date Extracted: 03/16/2006

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 03/20/2006

Injection Volume: 2.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.3

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

Number TICs found: 25

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	<del>SUSPECTED ALDOL COND. PRODUCT</del>	3.04	800	<del>ABJ</del>
2.	<del>SUSPECTED ALDOL COND. PRODUCT</del>	3.94	<del>68000</del>	<del>ABJ</del>
3.	UNKNOWN	6.18	700	J
4.	UNKNOWN HYDROCARBON	6.37	700	J
5.	DIETHYLBENZENE ISOMER	6.62	770	J
6.	17059-48-2 1H--INDENE, 2,3-DIHYDRO-1,6-D	8.20	840	JN
7.	UNKNOWN CYCLOHEXANE DER.	8.61	720	J
8.	17057-82-8 1H--INDENE, 2,3-DIHYDRO-1,2-D	8.70	800	JN
9.	UNKNOWN	9.10	940	J
10.	UNKNOWN HYDROCARBON	9.25	820	J
11.	90-12-0 1-METHYLNAPHTHALENE	9.31	1000	JN
12.	TETRAHYDRONAPHTHALENE ISOMER	9.36	700	J
13.	TETRAHYDRONAPHTHALENE ISOMER	9.97	800	J
14.	DIMETHYLNAPHTHALENE ISOMER	10.12	1400	J
15.	DIMETHYLNAPHTHALENE ISOMER	10.23	1600	J
16.	DIMETHYLNAPHTHALENE ISOMER	10.27	780	J
17.	DIMETHYLNAPHTHALENE ISOMER	10.39	900	J
18.	UNKNOWN	10.59	1000	J
19.	2027-17-0 2-(1-METHYLETHYL)-NAPHTHALEN	10.90	940	JN
20.	TRIMETHYLNAPHTHALENE ISOMER	11.10	770	J
21.	TRIMETHYLNAPHTHALENE ISOMER	11.21	920	J
22.	UNKNOWN BIPHENYL DER.	11.60	760	J
23.	UNKNOWN PAH DER.	14.37	740	J

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

56/1519

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPCS-1-2-4

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6274701

Sample wt/vol: 30.40 (g/mL) G

Lab File ID: V13706.RR

Level: (low/med) LOW

Date Samp/Recv: 03/13/2006 03/15/2006

% Moisture: 36.0 decanted: (Y/N) Y

Date Extracted: 03/16/2006

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 03/20/2006

Injection Volume: 2.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.3

Number TICs found: 25

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

CAS NO.	Compound Name	RT	Est. Conc.	Q
24. 111-06-8	<del>HEXADECANOIC ACID, BUTYL ESTR</del>	14.39	<del>2000</del>	<del>BJN</del>
25. 123-95-5	<del>OCTADECANOIC ACID, BUTYL ESTR</del>	15.04	<del>1400</del>	<del>BJN</del>

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

57/1519

Client No.

GPCS-1-4.8-10

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6274702

Sample wt/vol: 30.32 (g/mL) G

Lab File ID: V13714.RR

Level: (low/med) LOW

Date Samp/Recv: 03/13/2006 03/15/2006

% Moisture: 48 decanted: (Y/N) N

Date Extracted: 03/16/2006

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 03/20/2006

Injection Volume: 2.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.6

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

CAS NO.	COMPOUND	UG/KG	Q
100-52-7	Benzaldehyde	1200	U
108-95-2	Phenol	83	J
111-44-4	Bis(2-chloroethyl) ether	630	U
95-57-8	2-Chlorophenol	630	U
95-48-7	2-Methylphenol	630	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	630	U
98-86-2	Acetophenone	1200	U
106-44-5	4-Methylphenol	630	U
621-64-7	N-Nitroso-Di-n-propylamine	630	U
67-72-1	Hexachloroethane	630	U
98-95-3	Nitrobenzene	630	U
78-59-1	Isophorone	630	U
88-75-5	2-Nitrophenol	630	U
105-67-9	2,4-Dimethylphenol	630	U
111-91-1	Bis(2-chloroethoxy) methane	630	U
120-83-2	2,4-Dichlorophenol	630	U
91-20-3	Naphthalene	630	U
106-47-8	4-Chloroaniline	630	U
87-68-3	Hexachlorobutadiene	630	U
105-60-2	Caprolactam	1200	U
59-50-7	4-Chloro-3-methylphenol	630	U
91-57-6	2-Methylnaphthalene	630	U
77-47-4	Hexachlorocyclopentadiene	630	U
88-06-2	2,4,6-Trichlorophenol	630	U
95-95-4	2,4,5-Trichlorophenol	1500	U
92-52-4	Biphenyl	1200	U
91-58-7	2-Chloronaphthalene	630	U
88-74-4	2-Nitroaniline	1500	U
131-11-3	Dimethyl phthalate	630	U
606-20-2	2,6-Dinitrotoluene	630	U
208-96-8	Acenaphthylene	630	U
99-09-2	3-Nitroaniline	1500	U



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

58/1519

Client No.

GPCS-1-4.8-10

Lab Name: STL Buffalo Contract: \_\_\_\_\_  
 Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_  
 Matrix: (soil/water) SOIL Lab Sample ID: A6274702  
 Sample wt/vol: 30.32 (g/mL) G Lab File ID: VI3714.RR  
 Level: (low/med) LOW Date Samp/Recv: 03/13/2006 03/15/2006  
 % Moisture: 48 decanted: (Y/N) N Date Extracted: 03/16/2006  
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 03/20/2006  
 Injection Volume: 2.00 (uL) Dilution Factor: 1.00  
 GPC Cleanup: (Y/N) Y pH: 7.6

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
83-32-9	Acenaphthene		630	U
51-28-5	2,4-Dinitrophenol		1500	U
100-02-7	4-Nitrophenol		1500	U
132-64-9	Dibenzofuran		630	U
121-14-2	2,4-Dinitrotoluene		630	U
84-66-2	Diethyl phthalate		630	U
86-73-7	Fluorene		630	U
7005-72-3	4-Chlorophenyl phenyl ether		630	U
100-01-6	4-Nitroaniline		1500	U
534-52-1	4,6-Dinitro-2-methylphenol		1500	U
86-30-6	N-nitrosodiphenylamine		630	U
101-55-3	4-Bromophenyl phenyl ether		630	U
118-74-1	Hexachlorobenzene		630	U
1912-24-9	Atrazine		1200	U
87-86-5	Pentachlorophenol		1500	U
85-01-8	Phenanthrene		630	U
120-12-7	Anthracene		630	U
86-74-8	Carbazole		630	U
84-74-2	Di-n-butyl phthalate		630	U
206-44-0	Fluoranthene		630	U
129-00-0	Pyrene		630	U
85-68-7	Butyl benzyl phthalate		23	J
91-94-1	3,3'-Dichlorobenzidine		630	U
56-55-3	Benzo(a)anthracene		630	U
218-01-9	Chrysene		630	U
117-81-7	Bis(2-ethylhexyl) phthalate	630	260	U
117-84-0	Di-n-octyl phthalate		17	J
205-99-2	Benzo(b)fluoranthene		630	U
207-08-9	Benzo(k)fluoranthene		630	U
50-32-8	Benzo(a)pyrene		630	U
193-39-5	Indeno(1,2,3-cd)pyrene		630	U
53-70-3	Dibenzo(a,h)anthracene		630	U

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

59/1519

Client No.

GPCS-1-4.8-10

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6274702

Sample wt/vol: 30.32 (g/mL) G

Lab File ID: V13714.RR

Level: (low/med) LOW

Date Samp/Recv: 03/13/2006 03/15/2006

% Moisture: 48 decanted: (Y/N) N

Date Extracted: 03/16/2006

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 03/20/2006

Injection Volume: 2.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.6

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

CAS NO.

COMPOUND

UG/KG

Q

191-24-2-----Benzo (ghi)perylene

630

U

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

60/1519

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPCS-1-4.8-10

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6274702

Sample wt/vol: 30.32 (g/mL) G

Lab File ID: V13714.RR

Level: (low/med) LOW

Date Samp/Recv: 03/13/2006 03/15/2006

% Moisture: 48.0 decanted: (Y/N) N

Date Extracted: 03/16/2006

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 03/20/2006

Injection Volume: 2.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.6

Number TICs found: 2

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

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	SUSPECTED ALDOL COND. PRODUCT	3.04	1400	ABJ
2.	SUSPECTED ALDOL COND. PRODUCT	3.91	120000	ABJ

R  
R

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

61/1519

Client No.

GPCS-2-1.3-4

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECN

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6274704

Sample wt/vol: 30.98 (g/mL) G

Lab File ID: V13710.RR

Level: (low/med) LOW

Date Samp/Recv: 03/13/2006 03/15/2006

% Moisture: 13 decanted: (Y/N) N

Date Extracted: 03/16/2006

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 03/20/2006

Injection Volume: 2.00 (uL)

Dilution Factor: 5.00

GPC Cleanup: (Y/N) Y pH: 7.6

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

CAS NO.	COMPOUND	UG/KG	Q
100-52-7	Benzaldehyde	3700	U
108-95-2	Phenol	1800	U
111-44-4	Bis(2-chloroethyl) ether	1800	U
95-57-8	2-Chlorophenol	1800	U
95-48-7	2-Methylphenol	1800	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	1800	U
98-86-2	Acetophenone	3700	U
106-44-5	4-Methylphenol	1800	U
621-64-7	N-Nitroso-Di-n-propylamine	1800	U
67-72-1	Hexachloroethane	1800	U
98-95-3	Nitrobenzene	1800	U
78-59-1	Isophorone	1800	U
88-75-5	2-Nitrophenol	1800	U
105-67-9	2,4-Dimethylphenol	1800	U
111-91-1	Bis(2-chloroethoxy) methane	1800	U
120-83-2	2,4-Dichlorophenol	1800	U
91-20-3	Naphthalene	220	J
106-47-8	4-Chloroaniline	1800	U
87-68-3	Hexachlorobutadiene	1800	U
105-60-2	Caprolactam	3700	U
59-50-7	4-Chloro-3-methylphenol	1800	U
91-57-6	2-Methylnaphthalene	950	J
77-47-4	Hexachlorocyclopentadiene	1800	U
88-06-2	2,4,6-Trichlorophenol	1800	U
95-95-4	2,4,5-Trichlorophenol	4400	U
92-52-4	Biphenyl	3700	U
91-58-7	2-Chloronaphthalene	1800	U
88-74-4	2-Nitroaniline	4400	U
131-11-3	Dimethyl phthalate	1800	U
606-20-2	2,6-Dinitrotoluene	1800	U
208-96-8	Acenaphthylene	130	J
99-09-2	3-Nitroaniline	4400	U

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

62/1519

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPCS-2-1.3-4

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6274704

Sample wt/vol: 30.98 (g/mL) G

Lab File ID: VI3710.RR

Level: (low/med) LOW

Date Samp/Recv: 03/13/2006 03/15/2006

% Moisture: 13 decanted: (Y/N) N

Date Extracted: 03/16/2006

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 03/20/2006

Injection Volume: 2.00 (uL)

Dilution Factor: 5.00

GPC Cleanup: (Y/N) Y pH: 7.6

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
83-32-9	Acenaphthene			
51-28-5	2,4-Dinitrophenol	800		J
100-02-7	4-Nitrophenol	4400		U
132-64-9	Dibenzofuran	4400		U
121-14-2	2,4-Dinitrotoluene	360		J
84-66-2	Diethyl phthalate	1800		U
86-73-7	Fluorene	1800		U
7005-72-3	4-Chlorophenyl phenyl ether	520		J
100-01-6	4-Nitroaniline	1800		U
534-52-1	4,6-Dinitro-2-methylphenol	4400		U
86-30-6	N-nitrosodiphenylamine	4400		U
101-55-3	4-Bromophenyl phenyl ether	1800		U
118-74-1	Hexachlorobenzene	1800		U
1912-24-9	Atrazine	1800		U
87-86-5	Pentachlorophenol	3700		U
85-01-8	Phenanthrene	4400		U
120-12-7	Anthracene	1800		
86-74-8	Carbazole	600		J
84-74-2	Di-n-butyl phthalate	200		J
206-44-0	Fluoranthene	1800		U
129-00-0	Pyrene	2500		
85-68-7	Butyl benzyl phthalate	2000		
91-94-1	3,3'-Dichlorobenzidine	1800		U
56-55-3	Benzo (a) anthracene	1800		U
218-01-9	Chrysene	1000		J
117-81-7	Bis (2-ethylhexyl) phthalate	1000		J
117-84-0	Di-n-octyl phthalate	1800		U
205-99-2	Benzo (b) fluoranthene	1100		J
207-08-9	Benzo (k) fluoranthene	420		J
50-32-8	Benzo (a) pyrene	740		J
193-39-5	Indeno (1,2,3-cd) pyrene	580		J
53-70-3	Dibenzo (a, h) anthracene	190		J

1800 54 BJU

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

63/1519

Client No.

GPCS-2-1.3-4

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: REONY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6274704

Sample wt/vol: 30.98 (g/mL) G

Lab File ID: V13710.RR

Level: (low/med) LOW

Date Samp/Recv: 03/13/2006 03/15/2006

% Moisture: 13 decanted: (Y/N) N

Date Extracted: 03/16/2006

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 03/20/2006

Injection Volume: 2.00 (uL)

Dilution Factor: 5.00

GPC Cleanup: (Y/N) Y pH: 7.6

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

UG/KG

Q

CAS NO.

COMPOUND

191-24-2-----Benzo(ghi)perylene

95

J

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

64/1519

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPCS-2-1.3-4

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6274704

Sample wt/vol: 30.98 (g/mL) G

Lab File ID: V13710.RR

Level: (low/med) LOW

Date Samp/Recv: 03/13/2006 03/15/2006

% Moisture: 12.9 decanted: (Y/N) N

Date Extracted: 03/16/2006

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 03/20/2006

Injection Volume: 2.00 (uL)

Dilution Factor: 5.00

GPC Cleanup: (Y/N) Y pH: 7.6

Number TICs found: 27

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

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	<del>SUSPECTED ALDOL COND. PRODUCT</del>	3.81	62000	ABJ
2.	UNKNOWN HYDROCARBON	8.84	1400	J
3. 90-12-0	1-METHYLNAPHTHALENE	9.30	970	JN
4.	UNKNOWN CYCLOHEXANE DER.	9.51	1100	J
5.	UNKNOWN	9.95	2400	J
6.	UNKNOWN HYDROCARBON	10.01	1400	J
7.	DIMETHYLNAPHTHALENE ISOMER	10.09	1200	J
8.	DIMETHYLNAPHTHALENE ISOMER	10.20	3600	J
9.	DIMETHYLNAPHTHALENE ISOMER	10.24	1600	J
10.	UNKNOWN	10.26	1900	J
11.	DIMETHYLNAPHTHALENE ISOMER	10.37	2300	J
12. 872-05-9	1-DECENE	10.54	2400	JN
13.	UNKNOWN	10.56	2400	J
14.	UNKNOWN NAPHTHALENE DER.	10.87	2200	J
15.	TRIMETHYLNAPHTHALENE ISOMER	10.94	1000	J
16.	TRIMETHYLNAPHTHALENE ISOMER	11.07	1800	J
17.	TRIMETHYLNAPHTHALENE ISOMER	11.18	2000	J
18.	TRIMETHYLNAPHTHALENE ISOMER	11.22	1600	J
19.	TRIMETHYLNAPHTHALENE ISOMER	11.29	1100	J
20.	UNKNOWN	11.58	1800	J
21.	UNKNOWN NAPHTHALENE DER.	11.93	1200	J
22. 3076-04-8	2-PROPENOIC ACID, TRIDECYL ES	12.12	3600	JN
23.	UNKNOWN PAH DER.	12.32	1100	J

R

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

65/1519

Client No.

GPCS-2-1.3-4

Lab Name: STL Buffalo Contract: \_\_\_\_\_

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6274704

Sample wt/vol: 30.98 (g/mL) G

Lab File ID: V13710.RR

Level: (low/med) LOW

Date Samp/Recv: 03/13/2006 03/15/2006

% Moisture: 12.9 decanted: (Y/N) N

Date Extracted: 03/16/2006

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 03/20/2006

Injection Volume: 2.00 (uL)

Dilution Factor: 5.00

GPC Cleanup: (Y/N) Y pH: 7.6

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

Number TICs found: 27

CAS NO.	Compound Name	RT	Est. Conc.	Q
24.	UNKNOWN PAH DER.	13.39	1300	J
25.	UNKNOWN PAH DER.	13.47	1300	J
26.	UNKNOWN PAH DER.	13.50	960	J
27.	UNKNOWN PAH DER.	13.94	1100	J



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

66/1519

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPCS-5-2-4

Lab Code: RECN

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6274711

Sample wt/vol: 30.05 (g/mL) G

Lab File ID: V13711.RR

Level: (low/med) LOW

Date Samp/Recv: 03/13/2006 03/15/2006

% Moisture: 22 decanted: (Y/N) N

Date Extracted: 03/16/2006

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 03/20/2006

Injection Volume: 2.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.5

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
100-52-7	Benzaldehyde		840	U
108-95-2	Phenol		25	J
111-44-4	Bis(2-chloroethyl) ether		420	U
95-57-8	2-Chlorophenol		420	U
95-48-7	2-Methylphenol		420	U
108-60-1	2,2'-Oxybis(1-Chloropropane)		420	U
98-86-2	Acetophenone		840	U
106-44-5	4-Methylphenol		420	U
621-64-7	N-Nitroso-Di-n-propylamine		420	U
67-72-1	Hexachloroethane		420	U
98-95-3	Nitrobenzene		420	U
78-59-1	Isophorone		420	U
88-75-5	2-Nitrophenol		420	U
105-67-9	2,4-Dimethylphenol		420	U
111-91-1	Bis(2-chloroethoxy) methane		420	U
120-83-2	2,4-Dichlorophenol		420	U
91-20-3	Naphthalene		440	U
106-47-8	4-Chloroaniline		420	U
87-68-3	Hexachlorobutadiene		420	U
105-60-2	Caprolactam		840	U
59-50-7	4-Chloro-3-methylphenol		420	U
91-57-6	2-Methylnaphthalene		420	U
77-47-4	Hexachlorocyclopentadiene	<del>4200</del> 3700		E
88-06-2	2,4,6-Trichlorophenol		420	U
95-95-4	2,4,5-Trichlorophenol		1000	U
92-52-4	Biphenyl		840	U
91-58-7	2-Chloronaphthalene		420	U
88-74-4	2-Nitroaniline		1000	U
131-11-3	Dimethyl phthalate		420	U
606-20-2	2,6-Dinitrotoluene		420	U
208-96-8	Acenaphthylene		120	J
99-09-2	3-Nitroaniline		1000	U

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

67/1519

Client No.

GPCS-5-2-4

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6274711

Sample wt/vol: 30.05 (g/mL) G

Lab File ID: V13711.RR

Level: (low/med) LOW

Date Samp/Recv: 03/13/2006 03/15/2006

% Moisture: 22 decanted: (Y/N) N

Date Extracted: 03/16/2006

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 03/20/2006

Injection Volume: 2.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.5

CONCENTRATION UNITS:

(ug/L or ug/Kg)

UG/KG

Q

CAS NO.	COMPOUND	UG/KG	Q
83-32-9	Acenaphthene	370	J
51-28-5	2,4-Dinitrophenol	1000	U
100-02-7	4-Nitrophenol	1000	U
132-64-9	Dibenzofuran	96	J
121-14-2	2,4-Dinitrotoluene	420	U
84-66-2	Diethyl phthalate	420	U
86-73-7	Fluorene	370	J
7005-72-3	4-Chlorophenyl phenyl ether	420	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	N-nitrosodiphenylamine	420	U
101-55-3	4-Bromophenyl phenyl ether	420	U
118-74-1	Hexachlorobenzene	420	U
1912-24-9	Atrazine	840	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1400	
120-12-7	Anthracene	190	J
86-74-8	Carbazole	130	J
84-74-2	Di-n-butyl phthalate	420	U
206-44-0	Fluoranthene	1500	
129-00-0	Pyrene	1300	
85-68-7	Butyl benzyl phthalate	420	U
91-94-1	3,3'-Dichlorobenzidine	420	U
56-55-3	Benzo(a)anthracene	690	
218-01-9	Chrysene	710	
117-81-7	Bis(2-ethylhexyl) phthalate	420	<del>70</del> <del>BJU</del>
117-84-0	Di-n-octyl phthalate	420	U
205-99-2	Benzo(b)fluoranthene	800	J
207-08-9	Benzo(k)fluoranthene	220	J
50-32-8	Benzo(a)pyrene	510	J
193-39-5	Indeno(1,2,3-cd)pyrene	400	J
53-70-3	Dibenzo(a,h)anthracene	130	J

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

68/1519

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPCS-5-2-4

Lab Code: RECN Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6274711

Sample wt/vol: 30.05 (g/mL) G

Lab File ID: V13711.RR

Level: (low/med) LOW

Date Samp/Recv: 03/13/2006 03/15/2006

% Moisture: 22 decanted: (Y/N) N

Date Extracted: 03/16/2006

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 03/20/2006

Injection Volume: 2.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.5

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
191-24-2-----	Benzo(ghi)perylene		60	J

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

69/1519

Client No.

GPCS-5-2-4

Lab Name: STL Buffalo Contract: \_\_\_\_\_

Lab Code: RECN Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL Lab Sample ID: A6274711

Sample wt/vol: 30.05 (g/mL) G Lab File ID: V13711.RR

Level: (low/med) LOW Date Samp/Recv: 03/13/2006 03/15/2006

% Moisture: 21.9 decanted: (Y/N) N Date Extracted: 03/16/2006

Concentrated Extract Volume: 500 (uL) Date Analyzed: 03/20/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.5

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

Number TICs found: 15

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	<del>SUSPECTED ALDOL COND. PRODUCT</del>	3.05	<del>2100</del>	<del>ABJ</del>
2.	<del>SUSPECTED ALDOL COND. PRODUCT</del>	3.71	<del>1500</del>	<del>AJ</del>
3.	<del>SUSPECTED ALDOL COND. PRODUCT</del>	3.92	<del>85000</del>	<del>ABJ</del>
4.	UNKNOWN	9.09	610	J
5.	90-12-0 1-METHYLNAPHTHALENE	9.30	2500	JN
6.	ETHYLNAPHTHALENE ISOMER	10.00	1600	J
7.	DIMETHYLNAPHTHALENE ISOMER	10.09	2000	J
8.	DIMETHYLNAPHTHALENE ISOMER	10.20	4300	J
9.	DIMETHYLNAPHTHALENE ISOMER	10.24	2100	J
10.	DIMETHYLNAPHTHALENE ISOMER	10.37	1400	J
11.	<del>111-06-8 HEKADECANOIC ACID, BUTYL ESTER</del>	14.39	<del>1000</del>	<del>BUN</del>
12.	<del>123-95-5 OCTADECANOIC ACID, BUTYL ESTER</del>	15.03	<del>980</del>	<del>BUN</del>
13.	UNKNOWN	17.03	740	J
14.	83-46-5 .BETA.-SITOSTEROL	17.92	1100	JN
15.	UNKNOWN	17.98	1000	J

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

74/1519

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPCS-6-4-6

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6274712

Sample wt/vol: 30.16 (g/mL) G

Lab File ID: V13712.RR

Level: (low/med) LOW

Date Samp/Recv: 03/13/2006 03/15/2006

% Moisture: 66 decanted: (Y/N) N

Date Extracted: 03/16/2006

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 03/20/2006

Injection Volume: 2.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.3

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
100-52-7	Benzaldehyde		1900	U
108-95-2	Phenol		970	U
111-44-4	Bis(2-chloroethyl) ether		970	U
95-57-8	2-Chlorophenol		970	U
95-48-7	2-Methylphenol		970	U
108-60-1	2,2'-Oxybis(1-Chloropropane)		970	U
98-86-2	Acetophenone		970	U
106-44-5	4-Methylphenol		1900	U
621-64-7	N-Nitroso-Di-n-propylamine		970	U
67-72-1	Hexachloroethane		970	U
98-95-3	Nitrobenzene		970	U
78-59-1	Isophorone		970	U
88-75-5	2-Nitrophenol		970	U
105-67-9	2,4-Dimethylphenol		970	U
111-91-1	Bis(2-chloroethoxy) methane		970	U
120-83-2	2,4-Dichlorophenol		970	U
91-20-3	Naphthalene		970	U
106-47-8	4-Chloroaniline		1800	
87-68-3	Hexachlorobutadiene		970	U
105-60-2	Caprolactam		970	U
59-50-7	4-Chloro-3-methylphenol		1900	U
91-57-6	2-Methylnaphthalene		970	U
77-47-4	Hexachlorocyclopentadiene	13,000	9300	E
88-06-2	2,4,6-Trichlorophenol		970	U
95-95-4	2,4,5-Trichlorophenol		970	U
92-52-4	Biphenyl		2300	U
91-58-7	2-Chloronaphthalene		1900	U
88-74-4	2-Nitroaniline		970	U
131-11-3	Dimethyl phthalate		2300	U
606-20-2	2,6-Dinitrotoluene		970	U
208-96-8	Acenaphthylene		970	U
99-09-2	3-Nitroaniline		250	J
			2300	U

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

75/1519

Client No.

GPCS-6-4-6

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6274712

Sample wt/vol: 30.16 (g/mL) G

Lab File ID: V13712.RR

Level: (low/med) LOW

Date Samp/Recv: 03/13/2006 03/15/2006

% Moisture: 66 decanted: (Y/N) N

Date Extracted: 03/16/2006

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 03/20/2006

Injection Volume: 2.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.3

CONCENTRATION UNITS:

(ug/L or ug/Kg)

UG/KG

Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
83-32-9	Acenaphthene	920		J
51-28-5	2,4-Dinitrophenol	2300		U
100-02-7	4-Nitrophenol	2300		U
132-64-9	Dibenzofuran	350		J
121-14-2	2,4-Dinitrotoluene	970		U
84-66-2	Diethyl phthalate	970		U
86-73-7	Fluorene	1100		
7005-72-3	4-Chlorophenyl phenyl ether	970		U
100-01-6	4-Nitroaniline	2300		U
534-52-1	4,6-Dinitro-2-methylphenol	2300		U
86-30-6	N-nitrosodiphenylamine	970		U
101-55-3	4-Bromophenyl phenyl ether	970		U
118-74-1	Hexachlorobenzene	970		U
1912-24-9	Atrazine	1900		U
87-86-5	Pentachlorophenol	2300		
85-01-8	Phenanthrene	2500		
120-12-7	Anthracene	400		J
86-74-8	Carbazole	230		J
84-74-2	Di-n-butyl phthalate	31		J
206-44-0	Fluoranthene	810		J
129-00-0	Pyrene	660		J
85-68-7	Butyl benzyl phthalate	970		U
91-94-1	3,3'-Dichlorobenzidine	970		U
56-55-3	Benzo (a) anthracene	350		J
218-01-9	Chrysene	370		J
117-81-7	Bis(2-ethylhexyl) phthalate	970	970	U
117-84-0	Di-n-octyl phthalate	970		U
205-99-2	Benzo (b) fluoranthene	450		J
207-08-9	Benzo (k) fluoranthene	130		J
50-32-8	Benzo (a) pyrene	290		J
193-39-5	Indeno (1,2,3-cd) pyrene	180		J
53-70-3	Dibenzo (a,h) anthracene	59		J

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

76/1519

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPCS-6-4-6

Lab Code: RECN Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6274712

Sample wt/vol: 30.16 (g/mL) G

Lab File ID: V13712.RR

Level: (low/med) LOW

Date Samp/Recv: 03/13/2006 03/15/2006

% Moisture: 66 decanted: (Y/N) N

Date Extracted: 03/16/2006

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 03/20/2006

Injection Volume: 2.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.3

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/KG
191-24-2	Benzo (ghi) perylene	30	J

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

Client No.

GPCS-6-4-6

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOILLab Sample ID: A6274712Sample wt/vol: 30.16 (g/mL) GLab File ID: V13712.RRLevel: (low/med) LOWDate Samp/Recv: 03/13/2006 03/15/2006% Moisture: 66.1 decanted: (Y/N) NDate Extracted: 03/16/2006Concentrated Extract Volume: 500 (uL)Date Analyzed: 03/20/2006Injection Volume: 2.00 (uL)Dilution Factor: 1.00GPC Cleanup: (Y/N) Y pH: 7.3

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KGNumber TICs found: 28

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	<del>SUSPECTED ALDOL COND. PRODUCT</del>	3.05	<del>3100</del>	<del>ABJ</del>
2.	<del>SUSPECTED ALDOL COND. PRODUCT</del>	3.91	<del>140000</del>	<del>ABJ</del>
3.	90-12-0 1-METHYLNAPHTHALENE	9.31	3800	JN
4.	UNKNOWN CYCLOHEXANE DER.	9.52	3400	J
5.	UNKNOWN	9.95	6400	J
6.	ETHYLNAPHTHALENE ISOMER	10.00	8300	J
7.	DIMETHYLNAPHTHALENE ISOMER	10.10	8300	J
8.	DIMETHYLNAPHTHALENE ISOMER	10.11	8600	J
9.	DIMETHYLNAPHTHALENE ISOMER	10.21	19000	J
10.	DIMETHYLNAPHTHALENE ISOMER	10.25	10000	J
11.	UNKNOWN	10.27	3700	J
12.	DIMETHYLNAPHTHALENE ISOMER	10.37	9900	J
13.	UNKNOWN	10.57	7100	J
14.	TRIMETHYLNAPHTHALENE ISOMER	10.88	8000	J
15.	TRIMETHYLNAPHTHALENE ISOMER	10.94	3200	J
16.	TRIMETHYLNAPHTHALENE ISOMER	11.08	7000	J
17.	TRIMETHYLNAPHTHALENE ISOMER	11.19	6600	J
18.	TRIMETHYLNAPHTHALENE ISOMER	11.23	5400	J
19.	TRIMETHYLNAPHTHALENE ISOMER	11.30	3800	J
20.	UNKNOWN	11.59	6600	J
21.	UNKNOWN NAPHTHALENE DER.	11.95	3600	J
22.	TERAMETHYLNAPHTHALENE ISOMER	12.07	3200	J
23.	UNKNOWN PAH DER.	12.33	3400	J



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

78/1519

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPCS-6-4-6

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6274712

Sample wt/vol: 30.16 (g/mL) G

Lab File ID: V13712.RR

Level: (low/med) LOW

Date Samp/Recv: 03/13/2006 03/15/2006

% Moisture: 66.1 decanted: (Y/N) N

Date Extracted: 03/16/2006

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 03/20/2006

Injection Volume: 2.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.3

Number TICs found: 28

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

CAS NO.	Compound Name	RT	Est. Conc.	Q
24.	UNKNOWN PAH DER.	13.39	3400	J
25.	UNKNOWN PAH DER.	13.95	3000	J
26.	UNKNOWN PAH DER.	14.94	3500	J
27.	UNKNOWN	17.77	3900	J
28. 83-47-6	.BETA.-SITOSTEROL	17.93	3600	JN

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

79/1519

Client No.

GPCS-6-4-6 DL

Lab Name: STL Buffalo Contract: \_\_\_\_\_

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL Lab Sample ID: A6274712DL

Sample wt/vol: 30.16 (g/mL) G Lab File ID: V13723.RR

Level: (low/med) LOW Date Samp/Recv: 03/13/2006 03/15/2006

% Moisture: 66 decanted: (Y/N) N Date Extracted: 03/16/2006

Concentrated Extract Volume: 500 (uL) Date Analyzed: 03/21/2006

Injection Volume: 2.00 (uL) Dilution Factor: 10.00

GPC Cleanup: (Y/N) Y pH: 7.3

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

CAS NO.	COMPOUND	UG/KG	Q
100-52-7	Benzaldehyde	19000	U
108-95-2	Phenol	9700	U
111-44-4	Bis(2-chloroethyl) ether	9700	U
95-57-8	2-Chlorophenol	9700	U
95-48-7	2-Methylphenol	9700	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	9700	U
98-86-2	Acetophenone	19000	U
106-44-5	4-Methylphenol	9700	U
621-64-7	N-Nitroso-Di-n-propylamine	9700	U
67-72-1	Hexachloroethane	9700	U
98-95-3	Nitrobenzene	9700	U
78-59-1	Isophorone	9700	U
88-75-5	2-Nitrophenol	9700	U
105-67-9	2,4-Dimethylphenol	9700	U
111-91-1	Bis(2-chloroethoxy) methane	9700	U
120-83-2	2,4-Dichlorophenol	9700	U
91-20-3	Naphthalene	2100	DJ
106-47-8	4-Chloroaniline	9700	U
87-68-3	Hexachlorobutadiene	9700	U
105-60-2	Caprolactam	19000	U
59-50-7	4-Chloro-3-methylphenol	9700	U
91-57-6	2-Methylnaphthalene	13000	D
77-47-4	Hexachlorocyclopentadiene	9700	U
88-06-2	2,4,6-Trichlorophenol	9700	U
95-95-4	2,4,5-Trichlorophenol	23000	U
92-52-4	Biphenyl	19000	U
91-58-7	2-Chloronaphthalene	9700	U
88-74-4	2-Nitroaniline	23000	U
131-11-3	Dimethyl phthalate	9700	U
606-20-2	2,6-Dinitrotoluene	9700	U
208-96-8	Acenaphthylene	9700	U
99-09-2	3-Nitroaniline	23000	U

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

84/1519

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPCS-6-6-8

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6274713

Sample wt/vol: 30.46 (g/mL) G

Lab File ID: V13713.RR

Level: (low/med) LOW

Date Samp/Recv: 03/13/2006 03/15/2006

% Moisture: 42 decanted: (Y/N) N

Date Extracted: 03/16/2006

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 03/20/2006

Injection Volume: 2.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.9

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
100-52-7	Benzaldehyde		1100	U
108-95-2	Phenol		20	J
111-44-4	Bis(2'-chloroethyl) ether		560	U
95-57-8	2-Chlorophenol		560	U
95-48-7	2-Methylphenol		560	U
108-60-1	2,2'-Oxybis(1-Chloropropane)		560	U
98-86-2	Acetophenone		1100	U
106-44-5	4-Methylphenol		560	U
621-64-7	N-Nitroso-Di-n-propylamine		560	U
67-72-1	Hexachloroethane		560	U
98-95-3	Nitrobenzene		560	U
78-59-1	Isophorone		560	U
88-75-5	2-Nitrophenol		560	U
105-67-9	2,4-Dimethylphenol		560	U
111-91-1	Bis(2-chloroethoxy) methane		560	U
120-83-2	2,4-Dichlorophenol		560	U
91-20-3	Naphthalene		560	U
106-47-8	4-Chloroaniline		560	U
87-68-3	Hexachlorobutadiene		560	U
105-60-2	Caprolactam		1100	U
59-50-7	4-Chloro-3-methylphenol		560	U
91-57-6	2-Methylnaphthalene		560	U
77-47-4	Hexachlorocyclopentadiene		560	U
88-06-2	2,4,6-Trichlorophenol		560	U
95-95-4	2,4,5-Trichlorophenol		1400	U
92-52-4	Biphenyl		1100	U
91-58-7	2-Chloronaphthalene		560	U
88-74-4	2-Nitroaniline		1400	U
131-11-3	Dimethyl phthalate		560	U
606-20-2	2,6-Dinitrotoluene		560	U
208-96-8	Acenaphthylene		560	U
99-09-2	3-Nitroaniline		1400	U

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

85/1519

Client No.

GPCS-6-6-8

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNV

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6274713

Sample wt/vol: 30.46 (g/mL) G

Lab File ID: V13713.RR

Level: (low/med) LOW

Date Samp/Recv: 03/13/2006 03/15/2006

% Moisture: 42 decanted: (Y/N) N

Date Extracted: 03/16/2006

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 03/20/2006

Injection Volume: 2.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.9

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

CAS NO.	COMPOUND	UG/KG	Q
83-32-9	Acenaphthene	560	U
51-28-5	2,4-Dinitrophenol	1400	U
100-02-7	4-Nitrophenol	1400	U
132-64-9	Dibenzofuran	560	U
121-14-2	2,4-Dinitrotoluene	560	U
84-66-2	Diethyl phthalate	560	U
86-73-7	Fluorene	560	U
7005-72-3	4-Chlorophenyl phenyl ether	560	U
100-01-6	4-Nitroaniline	1400	U
534-52-1	4,6-Dinitro-2-methylphenol	1400	U
86-30-6	N-nitrosodiphenylamine	560	U
101-55-3	4-Bromophenyl phenyl ether	560	U
118-74-1	Hexachlorobenzene	560	U
1912-24-9	Atrazine	1100	U
87-86-5	Pentachlorophenol	1400	U
85-01-8	Phenanthrene	560	U
120-12-7	Anthracene	560	U
86-74-8	Carbazole	560	U
84-74-2	Di-n-butyl phthalate	560	U
206-44-0	Fluoranthene	560	U
129-00-0	Pyrene	560	U
85-68-7	Butyl benzyl phthalate	560	U
91-94-1	3,3'-Dichlorobenzidine	560	U
56-55-3	Benzo (a) anthracene	560	U
218-01-9	Chrysene	560	U
117-81-7	Bis(2-ethylhexyl) phthalate	560	U
117-84-0	Di-n-octyl phthalate	560	U
205-99-2	Benzo (b) fluoranthene	560	U
207-08-9	Benzo (k) fluoranthene	560	U
50-32-8	Benzo (a) pyrene	560	U
193-39-5	Indeno (1,2,3-cd) pyrene	560	U
53-70-3	Dibenzo (a,h) anthracene	560	U

560 68 BU

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

86/1519

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPCS-6-6-8

Lab Code: REONY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6274713

Sample wt/vol: 30.46 (g/mL) G

Lab File ID: V13713.RR

Level: (low/med) LOW

Date Samp/Recv: 03/13/2006 03/15/2006

% Moisture: 42 decanted: (Y/N) N

Date Extracted: 03/16/2006

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 03/20/2006

Injection Volume: 2.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.9

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/KG Q
191-24-2-----	Benzo(ghi)perylene	560	U

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

87/1519

Client No.

GPCS-6-6-8

Lab Name: STL Buffalo Contract: \_\_\_\_\_

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL Lab Sample ID: A6274713

Sample wt/vol: 30.46 (g/mL) G Lab File ID: V13713.RR

Level: (low/med) LOW Date Samp/Recv: 03/13/2006 03/15/2006

% Moisture: 41.9 decanted: (Y/N) N Date Extracted: 03/16/2006

Concentrated Extract Volume: 500 (uL) Date Analyzed: 03/20/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.9

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

Number TICs found: 2

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	<del>SUSPECTED ALDOL COND. PRODUCT</del>	3.05	<del>1400</del>	<del>ABJ</del>
2.	<del>SUSPECTED ALDOL COND. PRODUCT</del>	3.91	<del>88000</del>	<del>ABJ</del>

R

ASPOO METHOD 8082 - POLYCHLORINATED BIPHENYLS  
ANALYSIS DATA SHEET

88/1519

Client No.

GPCS-1-2-4

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6274701

Sample wt/vol: 30.21 (g/mL) G

Lab File ID: 14A36122.TX0

% Moisture: 36 decanted: (Y/N) Y

Date Samp/Recv: 03/13/2006 03/15/2006

Extraction: (SepF/Cont/Sonc/Soxh): SONC

Date Extracted: 03/16/2006

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 03/17/2006

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: -

Sulfur Cleanup: (Y/N) Y

CAS NO.

COMPOUND

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

12674-11-2----	Aroclor 1016	120	U
11104-28-2----	Aroclor 1221	120	U
11141-16-5----	Aroclor 1232	120	U
53469-21-9----	Aroclor 1242	120	U
12672-29-6----	Aroclor 1248	120	U
11097-69-1----	Aroclor 1254	120	U
11096-82-5----	Aroclor 1260	120	U

ASP00 METHOD 8082 - POLYCHLORINATED BIPHENYLS  
ANALYSIS DATA SHEET

89/1519

Client No.

GPCS-1-4.8-10

Lab Name: SIL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6274702

Sample wt/vol: 30.74 (g/mL) G

Lab File ID: 14A36123.TX0

% Moisture: 48 decanted: (Y/N) N

Date Samp/Recv: 03/13/2006 03/15/2006

Extraction: (SepF/Cont/Sonc/Soxh): SONC

Date Extracted: 03/16/2006

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 03/17/2006

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH:   

Sulfur Cleanup: (Y/N) N

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

CAS NO.

COMPOUND

Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
12674-11-2----	Aroclor 1016	150	U
11104-28-2----	Aroclor 1221	150	U
11141-16-5----	Aroclor 1232	150	U
53469-21-9----	Aroclor 1242	150	U
12672-29-6----	Aroclor 1248	150	U
11097-69-1----	Aroclor 1254	150	U
11096-82-5----	Aroclor 1260	150	U



ASP00 METHOD 8082 - POLYCHLORINATED BIPHENYLS  
ANALYSIS DATA SHEET

90/1519

Client No.

GPCS-2-1.3-4

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6274704

Sample wt/vol: 30.13 (g/mL) G

Lab File ID: 14A36126.TX0

% Moisture: 13 decanted: (Y/N) N

Date Samp/Recv: 03/13/2006 03/15/2006

Extraction: (SepF/Cont/Sonc/Soxh): SONC

Date Extracted: 03/16/2006

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 03/17/2006

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: \_

Sulfur Cleanup: (Y/N) Y

CAS NO.

COMPOUND

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

12674-11-2----	Aroclor 1016	91	U
11104-28-2----	Aroclor 1221	91	U
11141-16-5----	Aroclor 1232	91	U
53469-21-9----	Aroclor 1242	91	U
12672-29-6----	Aroclor 1248	91	U
11097-69-1----	Aroclor 1254	91	U
11096-82-5----	Aroclor 1260	91	U

ASP00 METHOD 8082 - POLYCHLORINATED BIPHENYLS  
ANALYSIS DATA SHEET

91/1519

Client No.

GPCS-3-3.4-6

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6274706

Sample wt/vol: 30.76 (g/mL) G

Lab File ID: 14A36127.TX0

% Moisture: 14 decanted: (Y/N) Y

Date Samp/Recv: 03/13/2006 03/15/2006

Extraction: (SepF/Cont/Sonc/Soxh): SONC

Date Extracted: 03/16/2006

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 03/17/2006

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH:   

Sulfur Cleanup: (Y/N) Y

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

CAS NO.

COMPOUND

Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
12674-11-2----	Aroclor 1016	90	U
11104-28-2----	Aroclor 1221	90	U
11141-16-5----	Aroclor 1232	90	U
53469-21-9----	Aroclor 1242	90	U
12672-29-6----	Aroclor 1248	90	U
11097-69-1----	Aroclor 1254	90	U
11096-82-5----	Aroclor 1260	90	U

ASP00 METHOD 8082 - POLYCHLORINATED BIPHENYLS  
ANALYSIS DATA SHEET

92/1519

Client No.

GPCS-4-2.2-4

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6274708

Sample wt/vol: 30.94 (g/mL) G

Lab File ID: 14A36128.TX0

% Moisture: 13 decanted: (Y/N) N

Date Samp/Recv: 03/13/2006 03/15/2006

Extraction: (SepF/Cont/Sonc/Soxh): SONC

Date Extracted: 03/16/2006

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 03/17/2006

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: \_

Sulfur Cleanup: (Y/N) N

CAS NO.

COMPOUND

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
12674-11-2----	Aroclor 1016	90	U
11104-28-2----	Aroclor 1221	90	U
11141-16-5----	Aroclor 1232	90	U
53469-21-9----	Aroclor 1242	90	U
12672-29-6----	Aroclor 1248	90	U
11097-69-1----	Aroclor 1254	90	U
11096-82-5----	Aroclor 1260	90	U

ASPOO METHOD 8082 - POLYCHLORINATED BIPHENYLS  
ANALYSIS DATA SHEET

93/1519

Client No.

GPCS-5-2-4

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: REONY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6274711

Sample wt/vol: 30.16 (g/mL) G

Lab File ID: 14A36129.TX0

% Moisture: 22 decanted: (Y/N) N

Date Samp/Recv: 03/13/2006 03/15/2006

Extraction: (SepF/Cont/Sonc/Soxh): SONC

Date Extracted: 03/16/2006

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 03/17/2006

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH:   

Sulfur Cleanup: (Y/N) Y

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

CAS NO.

COMPOUND

Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
12674-11-2	Aroclor 1016	100	U
11104-28-2	Aroclor 1221	100	U
11141-16-5	Aroclor 1232	100	U
53469-21-9	Aroclor 1242	100	U
12672-29-6	Aroclor 1248	100	U
11097-69-1	Aroclor 1254	100	U
11096-82-5	Aroclor 1260	100	U

ASP00 METHOD 8082 - POLYCHLORINATED BIPHENYLS  
ANALYSIS DATA SHEET

94/1519

Client No.

GPCS-6-4-6

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: REONY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6274712

Sample wt/vol: 30.69 (g/mL) G

Lab File ID: 14A36132.TX0

% Moisture: 66 decanted: (Y/N) N

Date Samp/Recv: 03/13/2006 03/15/2006

Extraction: (SepF/Cont/Sonc/Soxh): SONC

Date Extracted: 03/16/2006

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 03/17/2006

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: \_

Sulfur Cleanup: (Y/N) Y

CAS NO.

COMPOUND

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

12674-11-2----	Aroclor 1016	230	U
11104-28-2----	Aroclor 1221	230	U
11141-16-5----	Aroclor 1232	230	U
53469-21-9----	Aroclor 1242	230	U
12672-29-6----	Aroclor 1248	230	U
11097-69-1----	Aroclor 1254	230	U
11096-82-5----	Aroclor 1260	230	U

ASP00 METHOD 8082 - POLYCHLORINATED BIPHENYLS  
ANALYSIS DATA SHEET

95/1519

Client No.

GPCS-6-6-8

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6274713

Sample wt/vol: 30.61 (g/mL) G

Lab File ID: 14A36133.TX0

% Moisture: 42 decanted: (Y/N) N

Date Samp/Recv: 03/13/2006 03/15/2006

Extraction: (SepF/Cont/Sonc/Soxh): SONC

Date Extracted: 03/16/2006

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 03/17/2006

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH:   

Sulfur Cleanup: (Y/N) N

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

CAS NO.

COMPOUND

Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
12674-11-2	Aroclor 1016	130	U
11104-28-2	Aroclor 1221	130	U
11141-16-5	Aroclor 1232	130	U
53469-21-9	Aroclor 1242	130	U
12672-29-6	Aroclor 1248	130	U
11097-69-1	Aroclor 1254	130	U
11096-82-5	Aroclor 1260	130	U

C & S Engineers

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

GPCS-1-2-4

Contract: CY04-021

Lab Code: STLBFLO

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG NO.: A06-2747

Matrix (soil/water): SOIL

Lab Sample ID: AD611574

Level (low/med): LOW

Date Received: 3/15/2006

% Solids: 64

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3740			P
7440-36-0	Antimony	0.46	B		P
7440-38-2	Arsenic	2.8			P
7440-39-3	Barium	39.2			P
7440-41-7	Beryllium	0.23	B		P
7440-43-9	Cadmium	0.04	U		P
7440-70-2	Calcium	49000			P
7440-47-3	Chromium	6.2			P
7440-48-4	Cobalt	2.7	B		P
7440-50-8	Copper	10.5			P
7439-89-6	Iron	10800		*	P
7439-92-1	Lead	10.9			P
7439-95-4	Magnesium	3600			P
7439-96-5	Manganese	171			P
7440-02-0	Nickel	6.5			P
7440-09-7	Potassium	538	B		P
7782-49-2	Selenium	0.86	B		P
7439-97-6	Mercury	0.073			CV
7440-22-4	Silver	0.14	B		P
7440-23-5	Sodium	206	B		P
7440-28-0	Thallium	0.68	U		P
7440-62-2	Vanadium	10.3			P
7440-66-6	Zinc	22.7			P

Color Before: BROWN

Clarity Before: CLOUDY

Texture: TOPSOIL

Color After: YELLOW

Clarity After: CLDY/FI

Artifacts: \_\_\_\_\_

Comments: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

TL BUFFALO

C & S Engineers  
-1-  
INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

GPCS-1-4.8-10

Contract: CY04-021

Lab Code: STLBFLO

Case No.:

SAS No.:

SDG NO.: A06-2747

Matrix (soil/water): SOIL

Lab Sample ID: AD611575

Level (low/med): LOW

Date Received: 3/15/2006

Solids: 52

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	37.2			P
7440-36-0	Antimony	0.50	B		P
7440-38-2	Arsenic	0.36	U		P
7440-39-3	Barium	28.4	B		P
7440-41-7	Beryllium	0.16	B		P
7440-43-9	Cadmium	0.04	U		P
7440-70-2	Calcium	389000			P
7440-47-3	Chromium	0.30	B		P
7440-48-4	Cobalt	0.12	B		P
7440-50-8	Copper	0.16	B		P
7439-89-6	Iron	85.2		*	P
7439-92-1	Lead	0.32	U		P
7439-95-4	Magnesium	2340			P
7439-96-5	Manganese	7.3			P
7440-02-0	Nickel	1.6	B		P
7440-09-7	Potassium	34.3	B		P
7782-49-2	Selenium	0.46	U		P
7439-97-6	Mercury	0.004	U		CV
7440-22-4	Silver	0.05	B		P
7440-23-5	Sodium	188	B		P
7440-28-0	Thallium	0.72	U		P
7440-62-2	Vanadium	0.09	B		P
7440-66-6	Zinc	1.4	B		P

Color Before: BROWN

Clarity Before: CLOUDY

Texture: TOPSOIL

Color After: YELLOW

Clarity After: CLDY/FI

Artifacts:

Comments:



C & S Engineers

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

GPCS-2-1.3-4

Contract: CY04-021

Lab Code: STLBFLO

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG NO.: A06-2747

Matrix (soil/water): SOIL

Lab Sample ID: AD611576

Level (low/med): LOW

Date Received: 3/15/2006

% Solids: 87

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	5930			P
7440-36-0	Antimony	0.86	B		P
7440-38-2	Arsenic	5.9			P
7440-39-3	Barium	85.1			P
7440-41-7	Beryllium	0.41	B		P
7440-43-9	Cadmium	0.03	U		P
7440-70-2	Calcium	82800			P
7440-47-3	Chromium	11.9			P
7440-48-4	Cobalt	4.8	B		P
7440-50-8	Copper	24.6			P
7439-89-6	Iron	31200		*	P
7439-92-1	Lead	43.2			P
7439-95-4	Magnesium	12100			P
7439-96-5	Manganese	682			P
7440-02-0	Nickel	10.5			P
7440-09-7	Potassium	821			P
7782-49-2	Selenium	0.37	B		P
7439-97-6	Mercury	0.039			CV
7440-22-4	Silver	0.14	B		P
7440-23-5	Sodium	226	B		P
7440-28-0	Thallium	0.49	U		P
7440-62-2	Vanadium	21.2			P
7440-66-6	Zinc	90.2			P

Color Before: BROWN

Clarity Before: CLOUDY

Texture: TOPSOIL

Color After: YELLOW

Clarity After: CLDY/FI

Artifacts: \_\_\_\_\_

Comments:

TL BUFFALO

C & S Engineers  
-1-  
INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

GPCS-3-3.4-6

Contract: CY04-021Lab Code: STLBFLO

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG NO.: A06-2747Matrix (soil/water): SOILLab Sample ID: AD611580Level (low/med): LOWDate Received: 3/15/2006Solids: 86Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3150			P
7440-36-0	Antimony	0.49	B		P
7440-38-2	Arsenic	3.4			P
7440-39-3	Barium	71.9			P
7440-41-7	Beryllium	0.24	B		P
7440-43-9	Cadmium	0.03	B		P
7440-70-2	Calcium	153000			P
7440-47-3	Chromium	5.6			P
7440-48-4	Cobalt	3.8	B		P
7440-50-8	Copper	16.2			P
7439-89-6	Iron	7870		*	P
7439-92-1	Lead	4.7			P
7439-95-4	Magnesium	12100			P
7439-96-5	Manganese	293			P
7440-02-0	Nickel	14.0			P
7440-09-7	Potassium	826			P
7782-49-2	Selenium	0.31	U		P
7439-97-6	Mercury	0.010	B		CV
7440-22-4	Silver	0.10	B		P
7440-23-5	Sodium	138	B		P
7440-28-0	Thallium	0.76	B		P
7440-62-2	Vanadium	7.2			P
7440-66-6	Zinc	23.0			P

Color Before: BROWNClarity Before: CLOUDYTexture: TOPSOILColor After: YELLOWClarity After: CLDY/FL

Artifacts: \_\_\_\_\_

Comments: \_\_\_\_\_

C & S Engineers

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

GPCS-4-2.2-4

Contract: CY04-021

Lab Code: STLBFLO

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG NO.: A06-2747

Matrix (soil/water): SOIL

Lab Sample ID: AD611581

Level (low/med): LOW

Date Received: 3/15/2006

% Solids: 87

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	6000			P
7440-36-0	Antimony	0.88	B		P
7440-38-2	Arsenic	3.4			P
7440-39-3	Barium	26.4			P
7440-41-7	Beryllium	0.31	B		P
7440-43-9	Cadmium	0.03	U		P
7440-70-2	Calcium	43000			P
7440-47-3	Chromium	10.4			P
7440-48-4	Cobalt	5.5	B		P
7440-50-8	Copper	14.0			P
7439-89-6	Iron	15100		*	P
7439-92-1	Lead	19.5			P
7439-95-4	Magnesium	14500			P
7439-96-5	Manganese	269			P
7440-02-0	Nickel	12.4			P
7440-09-7	Potassium	971			P
7782-49-2	Selenium	0.53	B		P
7439-97-6	Mercury	0.021			CV
7440-22-4	Silver	0.08	B		P
7440-23-5	Sodium	103	B		P
7440-28-0	Thallium	0.48	U		P
7440-62-2	Vanadium	12.2			P
7440-66-6	Zinc	34.8			P

Color Before: BROWN

Clarity Before: CLOUDY

Texture: TOPSOIL

Color After: YELLOW

Clarity After: CLDY/FI

Artifacts: \_\_\_\_\_

Comments:

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

STL BUFFALO

C & S Engineers  
-1-  
INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

GPCS-5-2-4

Contract: CY04-021  
 Lab Code: STLBFLO Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: A06-2747  
 Matrix (soil/water): SOIL Lab Sample ID: AD611582  
 Level (low/med): LOW Date Received: 3/15/2006  
 % Solids: 78

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	5080			P
7440-36-0	Antimony	0.90	B		P
7440-38-2	Arsenic	9.2			P
7440-39-3	Barium	60.0			P
7440-41-7	Beryllium	0.35	B		P
7440-43-9	Cadmium	0.03	U		P
7440-70-2	Calcium	54900			P
7440-47-3	Chromium	9.0			P
7440-48-4	Cobalt	4.5	B		P
7440-50-8	Copper	19.8			P
7439-89-6	Iron	57600		*	P
7439-92-1	Lead	18.2			P
7439-95-4	Magnesium	3870			P
7439-96-5	Manganese	1680			P
7440-02-0	Nickel	8.6			P
7440-09-7	Potassium	597	B		P
7782-49-2	Selenium	1.1	B		P
7439-97-6	Mercury	0.040			CV
7440-22-4	Silver	0.15	B		P
7440-23-5	Sodium	197	B		P
7440-28-0	Thallium	1.2	B		P
7440-62-2	Vanadium	18.4			P
7440-66-6	Zinc	32.7			P

Color Before: BROWN Clarity Before: CLOUDY Texture: TOPSOIL  
 Color After: YELLOW Clarity After: CLDY/FI Artifacts: \_\_\_\_\_  
 Comments: \_\_\_\_\_

C & S Engineers  
-1-  
INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

GPCS-6-4-6

Contract: CY04-021

Lab Code: STLBFO

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG NO.: A06-2747

Matrix (soil/water): SOIL

Lab Sample ID: AD611583

Level (low/med): LOW

Date Received: 3/15/2006

% Solids: 34

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1730			P
7440-36-0	Antimony	1.1	B		P
7440-38-2	Arsenic	2.1	B		P
7440-39-3	Barium	55.3	B		P
7440-41-7	Beryllium	0.10	B		P
7440-43-9	Cadmium	0.18	B		P
7440-70-2	Calcium	51500			P
7440-47-3	Chromium	3.4			P
7440-48-4	Cobalt	1.3	B		P
7440-50-8	Copper	11.0			P
7439-89-6	Iron	9940		*	P
7439-92-1	Lead	8.1			P
7439-95-4	Magnesium	2910			P
7439-96-5	Manganese	238			P
7440-02-0	Nickel	8.7	B		P
7440-09-7	Potassium	312	B		P
7782-49-2	Selenium	4.6	B		P
7439-97-6	Mercury	0.074			CV
7440-22-4	Silver	0.18	B		P
7440-23-5	Sodium	556	B		P
7440-28-0	Thallium	1.3	U		P
7440-62-2	Vanadium	4.6	B		P
7440-66-6	Zinc	33.8			P

Color Before: BROWN

Clarity Before: CLOUDY

Texture: TOPSOIL

Color After: YELLOW

Clarity After: CLDY/FI

Artifacts: \_\_\_\_\_

Comments:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Wet Chemistry Analysis

103/1519

Client Sample No.

GPCS-1-2-4

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECN

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix (soil/water): SOIL

Lab Sample ID: A6274701

% Solids: 0.0

Date Samp/Recv: 03/13/2006 03/15/2006

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Leachable pH	S.U.	7.33				9045	03/22/2006

Comments:

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

13/473

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB1-16-15.5-17

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6427909

Sample wt/vol: 4.04 (g/mL) G

Lab File ID: Q1558.RR

Level: (low/med) MED

Date Samp/Recv: 04/19/2006 04/20/2006

% Moisture: not dec. 55 Heated Purge: N

Date Analyzed: 04/21/2006

GC Column: DB-624 ID: 0.53 (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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	<u>UG/KG</u>	Q
74-87-3	Chloromethane	2600		U
74-83-9	Bromomethane	2600		U
75-01-4	Vinyl chloride	680		J
75-00-3	Chloroethane	2600		U
75-09-2	Methylene chloride	2600		U
67-64-1	Acetone	2600		U
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	2600		U
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	2600		U
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	6600		U



## 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.
- † 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

14/473

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB1-16-15.5-17

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6427909

Sample wt/vol: 4.04 (g/mL) G

Lab File ID: Q1558.RR

Level: (low/med) MED

Date Samp/Recv: 04/19/2006 04/20/2006

% Moisture: not dec. 55 Heated Purge: N

Date Analyzed: 04/21/2006

GC Column: DB-624 ID: 0.53 (mm)

Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL)

Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
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.

GPB1-16-15.5-17

Lab Name: STL Buffalo Contract: \_\_\_\_\_

Lab Code: RECNV Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL Lab Sample ID: A6427909

Sample wt/vol: 4.04 (g/mL) G Lab File ID: Q1558.RR

Level: (low/med) MED Date Samp/Recv: 04/19/2006 04/20/2006

% Moisture: not dec. 55.3 Date Analyzed: 04/21/2006

GC Column: DB-624 ID: 0.53 (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

16/473

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB1-16-17-18

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6427910

Sample wt/vol: 5.08 (g/mL) G

Lab File ID: Q1586.RR

Level: (low/med) LOW

Date Samp/Recv: 04/19/2006 04/20/2006

% Moisture: not dec. 30 Heated Purge: Y

Date Analyzed: 04/22/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
74-87-3	-----Chloromethane		14	U
74-83-9	-----Bromomethane		14	U J
75-01-4	-----Vinyl chloride		170	
75-00-3	-----Chloroethane		14	U
75-09-2	-----Methylene chloride		14	J U
67-64-1	-----Acetone	14	10	J U
75-15-0	-----Carbon Disulfide		10	J
75-35-4	-----1,1-Dichloroethene		6	J
75-34-3	-----1,1-Dichloroethane		14	U
67-66-3	-----Chloroform		14	U
107-06-2	-----1,2-Dichloroethane		14	U
78-93-3	-----2-Butanone		14	U
71-55-6	-----1,1,1-Trichloroethane		14	U
56-23-5	-----Carbon Tetrachloride		14	U
75-27-4	-----Bromodichloromethane		14	U
78-87-5	-----1,2-Dichloropropane		14	U
10061-01-5	-----cis-1,3-Dichloropropene		14	U
79-01-6	-----Trichloroethene		14	U
124-48-1	-----Dibromochloromethane		14	U
79-00-5	-----1,1,2-Trichloroethane		14	U
71-43-2	-----Benzene		14	U
10061-02-6	-----trans-1,3-Dichloropropene		14	U
75-25-2	-----Bromoform		14	U
108-10-1	-----4-Methyl-2-pentanone		14	U
591-78-6	-----2-Hexanone		14	U
127-18-4	-----Tetrachloroethene		14	U
108-88-3	-----Toluene		14	U
79-34-5	-----1,1,2,2-Tetrachloroethane		14	U
108-90-7	-----Chlorobenzene		14	U
100-41-4	-----Ethylbenzene		14	U
100-42-5	-----Styrene		14	U
1330-20-7	-----Total Xylenes		14	U
76-13-1	-----1,1,2-Trichloro-1,2,2-trifluoroethane		14	U
156-59-2	-----cis-1,2-Dichloroethene		14	U
			120	

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

Client No.

GPB1-16-17-18

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6427910

Sample wt/vol: 5.08 (g/mL) G

Lab File ID: Q1586.RR

Level: (low/med) LOW

Date Samp/Recv: 04/19/2006 04/20/2006

% Moisture: not dec. 30 Heated Purge: Y

Date Analyzed: 04/22/2006

GC Column: DB-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

Q

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

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

18/473

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB1-16-17-18

Lab Code: RECN Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6427910

Sample wt/vol: 5.08 (g/mL) G

Lab File ID: Q1586.RR

Level: (low/med) LOW

Date Samp/Recv: 04/19/2006 04/20/2006

% Moisture: not dec. 30.5

Date Analyzed: 04/22/2006

GC Column: DB-624 ID: 0.25 (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	3.78	11	JN

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

Client No.

GPB3-18-14-16.9

Lab Name: STL Buffalo Contract: \_\_\_\_\_

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6427903

Sample wt/vol: 4.14 (g/mL) G

Lab File ID: Q1570.RR

Level: (low/med) MED

Date Samp/Recv: 04/18/2006 04/20/2006

% Moisture: not dec. 72 Heated Purge: N

Date Analyzed: 04/21/2006

GC Column: DB-624 ID: 0.53 (mm)

Dilution Factor: 4.00

Soil Extract Volume: 10000 (uL)

Soil Aliquot Volume: 100.00 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	CONCENTRATION	UNIT
74-87-3	Chloromethane	17000	U
74-83-9	Bromomethane	17000	U J
75-01-4	Vinyl chloride	17000	U
75-00-3	Chloroethane	17000	U
75-09-2	Methylene chloride	17000	U
67-64-1	Acetone	17000	U
75-15-0	Carbon Disulfide	17000	U
75-35-4	1,1-Dichloroethene	17000	U
75-34-3	1,1-Dichloroethane	17000	U
67-66-3	Chloroform	17000	U
107-06-2	1,2-Dichloroethane	17000	U
78-93-3	2-Butanone	17000	U
71-55-6	1,1,1-Trichloroethane	17000	U
56-23-5	Carbon Tetrachloride	17000	U
75-27-4	Bromodichloromethane	17000	U
78-87-5	1,2-Dichloropropane	17000	U
10061-01-5	cis-1,3-Dichloropropene	17000	U
79-01-6	Trichloroethene	46000	U
124-48-1	Dibromochloromethane	17000	U
79-00-5	1,1,2-Trichloroethane	17000	U
71-43-2	Benzene	17000	U
10061-02-6	trans-1,3-Dichloropropene	17000	U
75-25-2	Bromoform	17000	U
108-10-1	4-Methyl-2-pentanone	17000	U
591-78-6	2-Hexanone	17000	U
127-18-4	Tetrachloroethene	260000	U
108-88-3	Toluene	17000	U
79-34-5	1,1,2,2-Tetrachloroethane	17000	U
108-90-7	Chlorobenzene	17000	U
100-41-4	Ethylbenzene	17000	U
100-42-5	Styrene	17000	U
1330-20-7	Total Xylenes	17000	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	17000	U
156-59-2	cis-1,2-Dichloroethene	85000	U

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

20/473

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB3-18-14-16.9

Lab Code: RECONY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6427903

Sample wt/vol: 4.14 (g/mL) G

Lab File ID: Q1570.RR

Level: (low/med) MED

Date Samp/Recv: 04/18/2006 04/20/2006

% Moisture: not dec. 72 Heated Purge: N

Date Analyzed: 04/21/2006

GC Column: DB-624 ID: 0.53 (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	17000	U
75-71-8	Dichlorodifluoromethane	17000	U
75-69-4	Trichlorofluoromethane	17000	U
79-20-9	Methyl acetate	17000	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	17000	U
110-82-7	Cyclohexane	17000	U
108-87-2	Methylcyclohexane	17000	U
106-93-4	1,2-Dibromomethane	17000	U
98-82-8	Isopropylbenzene	17000	U
541-73-1	1,3-Dichlorobenzene	17000	U
106-46-7	1,4-Dichlorobenzene	17000	U
95-50-1	1,2-Dichlorobenzene	17000	U
96-12-8	1,2-Dibromo-3-chloropropane	17000	U
120-82-1	1,2,4-Trichlorobenzene	17000	U

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

Client No.

GPB3-18-14-16.9

Lab Name: STL Buffalo Contract: \_\_\_\_\_

Lab Code: RECNV Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6427903

Sample wt/vol: 4.14 (g/mL) G

Lab File ID: Q1570.RR

Level: (low/med) MED

Date Samp/Recv: 04/18/2006 04/20/2006

% Moisture: not dec. 72.4

Date Analyzed: 04/21/2006

GC Column: DB-624 ID: 0.53 (mm)

Dilution Factor: 4.00

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

22/473

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB3-18-6-10

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6427902

Sample wt/vol: 4.06 (g/mL) G

Lab File ID: Q1569.RR

Level: (low/med) MED

Date Samp/Recv: 04/18/2006 04/20/2006

% Moisture: not dec. 61 Heated Purge: N

Date Analyzed: 04/21/2006

GC Column: DB-624 ID: 0.53 (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	150000	U	
74-83-9	Bromomethane	150000	U	J
75-01-4	Vinyl chloride	150000	U	
75-00-3	Chloroethane	150000	U	
75-09-2	Methylene chloride	150000	U	
67-64-1	Acetone	150000	U	
75-15-0	Carbon Disulfide	150000	U	
75-35-4	1,1-Dichloroethene	150000	U	
75-34-3	1,1-Dichloroethane	150000	U	
67-66-3	Chloroform	150000	U	
107-06-2	1,2-Dichloroethane	150000	U	
78-93-3	2-Butanone	150000	U	
71-55-6	1,1,1-Trichloroethane	150000	U	
56-23-5	Carbon Tetrachloride	150000	U	
75-27-4	Bromodichloromethane	150000	U	
78-87-5	1,2-Dichloropropane	150000	U	
10061-01-5	cis-1,3-Dichloropropene	150000	U	
79-01-6	Trichloroethene	150000	U	
124-48-1	Dibromochloromethane	160000		
79-00-5	1,1,2-Trichloroethane	150000	U	
71-43-2	Benzene	150000	U	
10061-02-6	trans-1,3-Dichloropropene	150000	U	
75-25-2	Bromoform	150000	U	
108-10-1	4-Methyl-2-pentanone	150000	U	
591-78-6	2-Hexanone	150000	U	
127-18-4	Tetrachloroethene	150000	U	
108-88-3	Toluene	1900000		
79-34-5	1,1,2,2-Tetrachloroethane	150000	U	
108-90-7	Chlorobenzene	150000	U	
100-41-4	Ethylbenzene	150000	U	
100-42-5	Styrene	150000	U	
1330-20-7	Total Xylenes	150000	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	150000	U	
156-59-2	cis-1,2-Dichloroethene	150000	U	
		66000	J	

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

Client No.

GPB3-18-6-10

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNV

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6427902

Sample wt/vol: 4.06 (g/mL) G

Lab File ID: Q1569.RR

Level: (low/med) MED

Date Samp/Recv: 04/18/2006 04/20/2006

% Moisture: not dec. 61 Heated Purge: N

Date Analyzed: 04/21/2006

GC Column: DB-624 ID: 0.53 (mm)

Dilution Factor: 50.00

Soil Extract Volume: 10000 (uL)

Soil Aliquot Volume: 100.00 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg)

UG/KG

Q

CAS NO.	COMPOUND	UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	150000	U
75-71-8	Dichlorodifluoromethane	150000	U
75-69-4	Trichlorofluoromethane	150000	U
79-20-9	Methyl acetate	150000	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	150000	U
110-82-7	Cyclohexane	150000	U
108-87-2	Methylcyclohexane	150000	U
106-93-4	1,2-Dibromoethane	150000	U
98-82-8	Isopropylbenzene	150000	U
541-73-1	1,3-Dichlorobenzene	150000	U
106-46-7	1,4-Dichlorobenzene	150000	U
95-50-1	1,2-Dichlorobenzene	150000	U
96-12-8	1,2-Dibromo-3-chloropropane	150000	U
120-82-1	1,2,4-Trichlorobenzene	150000	U

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

24/473

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB3-18-6-10

Lab Code: RECN Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6427902

Sample wt/vol: 4.06 (g/mL) G

Lab File ID: Q1569.RR

Level: (low/med) MED

Date Samp/Recv: 04/18/2006 04/20/2006

% Moisture: not dec. 61.0

Date Analyzed: 04/21/2006

GC Column: DB-624 ID: 0.53 (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.

GPB3-19-14-18

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6427901

Sample wt/vol: 5.05 (g/mL) G

Lab File ID: Q1579.RR

Level: (low/med) LOW

Date Samp/Recv: 04/18/2006 04/20/2006

% Moisture: not dec. 58 Heated Purge: Y

Date Analyzed: 04/22/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

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

CAS NO.	COMPOUND	UG/KG	Q
74-87-3	Chloromethane	23	U
74-83-9	Bromomethane	23	U J
75-01-4	Vinyl chloride	23	U
75-00-3	Chloroethane	23	U
75-09-2	Methylene chloride	23 15	U
67-64-1	Acetone	23	U
75-15-0	Carbon Disulfide	23	U
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	23	U
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	23	U
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	23	U
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	23	U

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

26/473

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB3-19-14-18

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6427901

Sample wt/vol: 5.05 (g/mL) G

Lab File ID: Q1579.RR

Level: (low/med) LOW

Date Samp/Recv: 04/18/2006 04/20/2006

% Moisture: not dec. 58 Heated Purge: Y

Date Analyzed: 04/22/2006

GC Column: DB-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	23	U
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 (MIBE)	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

27/473

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

Client No.

GPB3-19-14-18

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNV

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6427901

Sample wt/vol: 5.05 (g/mL) G

Lab File ID: Q1579.RR

Level: (low/med) LOW

Date Samp/Recv: 04/18/2006 04/20/2006

% Moisture: not dec. 57.7

Date Analyzed: 04/22/2006

GC Column: DB-624 ID: 0.25 (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	3.78	17	JN

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

28/473

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB3-21-14-16

Lab Code: RECN

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6427905

Sample wt/vol: 5.14 (g/mL) G

Lab File ID: Q1583.RR

Level: (low/med) LOW

Date Samp/Recv: 04/18/2006 04/20/2006

% Moisture: not dec. 73 Heated Purge: Y

Date Analyzed: 04/22/2006

GC Column: DB-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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	<u>UG/KG</u>	Q
74-87-3	Chloromethane			
74-83-9	Bromomethane		35	U
75-01-4	Vinyl chloride		35	U
75-00-3	Chloroethane		19	J
75-09-2	Methylene chloride		35	U
67-64-1	Acetone		35 <del>23</del>	JU
75-15-0	Carbon Disulfide		30	J
75-35-4	1,1-Dichloroethene		7	J
75-34-3	1,1-Dichloroethane		35	U
67-66-3	Chloroform		35	U
107-06-2	1,2-Dichloroethane		35	U
78-93-3	2-Butanone		35	U
71-55-6	1,1,1-Trichloroethane		35	U
56-23-5	Carbon Tetrachloride		35	U
75-27-4	Bromodichloromethane		35	U
78-87-5	1,2-Dichloropropane		35	U
10061-01-5	cis-1,3-Dichloropropene		35	U
79-01-6	Trichloroethene		35	U
124-48-1	Dibromochloromethane		23	J
79-00-5	1,1,2-Trichloroethane		35	U
71-43-2	Benzene		35	U
10061-02-6	trans-1,3-Dichloropropene		35	U
75-25-2	Bromoform		35	U
108-10-1	4-Methyl-2-pentanone		35	U
591-78-6	2-Hexanone		35	U
127-18-4	Tetrachloroethene		35	U
108-88-3	Toluene		6	J
79-34-5	1,1,2,2-Tetrachloroethane		35	U
108-90-7	Chlorobenzene		35	U
100-41-4	Ethylbenzene		35	U
100-42-5	Styrene		35	U
1330-20-7	Total Xylenes		35	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane		35	U
156-59-2	cis-1,2-Dichloroethene		35	U
			360	

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

Client No.

GPB3-21-14-16

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: REONY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOILLab Sample ID: A6427905Sample wt/vol: 5.14 (g/mL) GLab File ID: Q1583.RRLevel: (low/med) LOWDate Samp/Recv: 04/18/2006 04/20/2006% Moisture: not dec. 73 Heated Purge: YDate Analyzed: 04/22/2006GC Column: DB-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

Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	<u>UG/KG</u>	Q
156-60-5	trans-1,2-Dichloroethene		72	
75-71-8	Dichlorodifluoromethane		35	U
75-69-4	Trichlorofluoromethane		35	U
79-20-9	Methyl acetate		35	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)		35	U
110-82-7	Cyclohexane		35	U
108-87-2	Methylcyclohexane		35	U
106-93-4	1,2-Dibromethane		35	U
98-82-8	Isopropylbenzene		35	U
541-73-1	1,3-Dichlorobenzene		35	U
106-46-7	1,4-Dichlorobenzene		35	U
95-50-1	1,2-Dichlorobenzene		35	U
96-12-8	1,2-Dibromo-3-chloropropane		35	U
120-82-1	1,2,4-Trichlorobenzene		35	U



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

30/473

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB3-21-14-16

Lab Code: RECNV

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6427905

Sample wt/vol: 5.14 (g/mL) G

Lab File ID: Q1583.RR

Level: (low/med) LOW

Date Samp/Recv: 04/18/2006 04/20/2006

% Moisture: not dec. 72.5

Date Analyzed: 04/22/2006

GC Column: DB-624 ID: 0.25 (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	3.78	28	JN

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

Client No.

GFB3-21-6-10

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6427904

Sample wt/vol: 5.10 (g/mL) G

Lab File ID: Q1582.RR

Level: (low/med) LOW

Date Samp/Recv: 04/18/2006 04/20/2006

% Moisture: not dec. 57 Heated Purge: Y

Date Analyzed: 04/22/2006

GC Column: DB-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

Q

CAS NO.	COMPOUND	UG/KG	Q
74-87-3	Chloromethane	22	U
74-83-9	Bromomethane	22	U
75-01-4	Vinyl chloride	410	J
75-00-3	Chloroethane	22	U
75-09-2	Methylene chloride	22	J
67-64-1	Acetone	22	U
75-15-0	Carbon Disulfide	22	U
75-35-4	1,1-Dichloroethene	22	U
75-34-3	1,1-Dichloroethane	22	U
67-66-3	Chloroform	22	U
107-06-2	1,2-Dichloroethane	22	U
78-93-3	2-Butanone	22	U
71-55-6	1,1,1-Trichloroethane	22	U
56-23-5	Carbon Tetrachloride	22	U
75-27-4	Bromodichloromethane	22	U
78-87-5	1,2-Dichloropropane	22	U
10061-01-5	cis-1,3-Dichloropropene	22	U
79-01-6	Trichloroethene	22	U
124-48-1	Dibromochloromethane	22	U
79-00-5	1,1,2-Trichloroethane	22	U
71-43-2	Benzene	22	U
10061-02-6	trans-1,3-Dichloropropene	22	U
75-25-2	Bromoform	22	U
108-10-1	4-Methyl-2-pentanone	22	U
591-78-6	2-Hexanone	22	U
127-18-4	Tetrachloroethene	22	U
108-88-3	Toluene	22	U
79-34-5	1,1,2,2-Tetrachloroethane	22	U
108-90-7	Chlorobenzene	22	U
100-41-4	Ethylbenzene	22	U
100-42-5	Styrene	22	U
1330-20-7	Total Xylenes	22	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	22	
156-59-2	cis-1,2-Dichloroethene	180	

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

32/473

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB3-21-6-10

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6427904

Sample wt/vol: 5.10 (g/mL) G

Lab File ID: Q1582.RR

Level: (low/med) LOW

Date Samp/Recv: 04/18/2006 04/20/2006

% Moisture: not dec. 57 Heated Purge: Y

Date Analyzed: 04/22/2006

GC Column: DB-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	15	J
75-71-8	Dichlorodifluoromethane	22	U
75-69-4	Trichlorofluoromethane	22	U
79-20-9	Methyl acetate	22	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	22	U
110-82-7	Cyclohexane	22	U
108-87-2	Methylcyclohexane	22	U
106-93-4	1,2-Dibromoethane	22	U
98-82-8	Isopropylbenzene	22	U
541-73-1	1,3-Dichlorobenzene	22	U
106-46-7	1,4-Dichlorobenzene	22	U
95-50-1	1,2-Dichlorobenzene	22	U
96-12-8	1,2-Dibromo-3-chloropropane	22	U
120-82-1	1,2,4-Trichlorobenzene	22	U

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

Client No.

GPB3-21-6-10

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOILLab Sample ID: A6427904Sample wt/vol: 5.10 (g/mL) GLab File ID: Q1582.RRLevel: (low/med) LOWDate Samp/Recv: 04/18/2006 04/20/2006% Moisture: not dec. 56.5Date Analyzed: 04/22/2006GC Column: DB-624 ID: 0.25 (mm)Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

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

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 110-54-3	HEXANE	3.78	18	JN

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

34/473

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB3-22-6-10

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6427906

Sample wt/vol: 4.00 (g/mL) G

Lab File ID: Q1571.RR

Level: (low/med) MED

Date Samp/Recv: 04/18/2006 04/20/2006

% Moisture: not dec. 58 Heated Purge: N

Date Analyzed: 04/21/2006

GC Column: DB-624 ID: 0.53 (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		58000	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		58000	U
124-48-1	Dibromochloromethane		29000	J
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		58000	U
108-88-3	Toluene		140000	E
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		30000	U

1,400,000

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

Client No.

GPB3-22-6-10

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6427906

Sample wt/vol: 4.00 (g/mL) G

Lab File ID: Q1571.RR

Level: (low/med) MED

Date Samp/Recv: 04/18/2006 04/20/2006

% Moisture: not dec. 58 Heated Purge: N

Date Analyzed: 04/21/2006

GC Column: DB-624 ID: 0.53 (mm)

Dilution Factor: 20.00

Soil Extract Volume: 10000 (uL)

Soil Aliquot Volume: 100.00 (uL)

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

UG/KG

Q

CAS NO.	COMPOUND	CONCENTRATION UNITS	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

36/473

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB3-22-6-10

Lab Code: RECNV Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6427906

Sample wt/vol: 4.00 (g/mL) G

Lab File ID: Q1571.RR

Level: (low/med) MED

Date Samp/Recv: 04/18/2006 04/20/2006

% Moisture: not dec. 58.5

Date Analyzed: 04/21/2006

GC Column: DB-624 ID: 0.53 (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.

GPB3-22-6-10 DL

Lab Name: STL Buffalo Contract: \_\_\_\_\_

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6427906DL

Sample wt/vol: 4.00 (g/mL) G

Lab File ID: Q1574.RR

Level: (low/med) MED

Date Samp/Recv: 04/18/2006 04/20/2006

% Moisture: not dec. 58 Heated Purge: N

Date Analyzed: 04/21/2006

GC Column: DB-624 ID: 0.53 (mm)

Dilution Factor: 40.00

Soil Extract Volume: 10000 (uL)

Soil Aliquot Volume: 100.00 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
74-87-3	Chloromethane		120000	U
74-83-9	Bromomethane		120000	U
75-01-4	Vinyl chloride		120000	U
75-00-3	Chloroethane		120000	U
75-09-2	Methylene chloride		120000	U
67-64-1	Acetone		120000	U
75-15-0	Carbon Disulfide		120000	U
75-35-4	1,1-Dichloroethene		120000	U
75-34-3	1,1-Dichloroethane		120000	U
67-66-3	Chloroform		120000	U
107-06-2	1,2-Dichloroethane		120000	U
78-93-3	2-Butanone		120000	U
71-55-6	1,1,1-Trichloroethane		120000	U
56-23-5	Carbon Tetrachloride		120000	U
75-27-4	Bromodichloromethane		120000	U
78-87-5	1,2-Dichloropropane		120000	U
10061-01-5	cis-1,3-Dichloropropene		120000	U
79-01-6	Trichloroethene		31000	DJ
124-48-1	Dibromochloromethane		120000	U
79-00-5	1,1,2-Trichloroethane		120000	U
71-43-2	Benzene		120000	U
10061-02-6	trans-1,3-Dichloropropene		120000	U
75-25-2	Bromoform		120000	U
108-10-1	4-Methyl-2-pentanone		120000	U
591-78-6	2-Hexanone		120000	U
127-18-4	Tetrachloroethene		1400000	D
108-88-3	Toluene		120000	U
79-34-5	1,1,2,2-Tetrachloroethane		120000	U
108-90-7	Chlorobenzene		120000	U
100-41-4	Ethylbenzene		120000	U
100-42-5	Styrene		120000	U
1330-20-7	Total Xylenes		120000	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane		120000	U
156-59-2	cis-1,2-Dichloroethene		29000	DJ



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

40/473

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GFB3-24-15.5-17

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6427908

Sample wt/vol: 5.00 (g/mL) G

Lab File ID: Q1585.RR

Level: (low/med) LOW

Date Samp/Recv: 04/19/2006 04/20/2006

% Moisture: not dec. 64 Heated Purge: Y

Date Analyzed: 04/22/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	<u>UG/KG</u>	
74-87-3	-----Chloromethane			
74-83-9	-----Bromomethane		28	U
75-01-4	-----Vinyl chloride		28	U U J
75-00-3	-----Chloroethane		28	U U
75-09-2	-----Methylene chloride		28	U U
67-64-1	-----Acetone	28	18	J U
75-15-0	-----Carbon Disulfide		12	J
75-35-4	-----1,1-Dichloroethene		3	J
75-34-3	-----1,1-Dichloroethane		28	U
67-66-3	-----Chloroform		28	U
107-06-2	-----1,2-Dichloroethane		28	U
78-93-3	-----2-Butanone		28	U
71-55-6	-----1,1,1-Trichloroethane		28	U
56-23-5	-----Carbon Tetrachloride		28	U
75-27-4	-----Bromodichloromethane		28	U
78-87-5	-----1,2-Dichloropropane		28	U
10061-01-5	-----cis-1,3-Dichloropropene		28	U
79-01-6	-----Trichloroethene		28	U
124-48-1	-----Dibromochloromethane		28	U
79-00-5	-----1,1,2-Trichloroethane		28	U
71-43-2	-----Benzene		28	U
10061-02-6	-----trans-1,3-Dichloropropene		28	U
75-25-2	-----Bromoform		28	U
108-10-1	-----4-Methyl-2-pentanone		28	U
591-78-6	-----2-Hexanone		28	U
127-18-4	-----Tetrachloroethene		28	U
108-88-3	-----Toluene		28	U
79-34-5	-----1,1,2,2-Tetrachloroethane		28	U
108-90-7	-----Chlorobenzene		28	U
100-41-4	-----Ethylbenzene		28	U
100-42-5	-----Styrene		28	U
1330-20-7	-----Total Xylenes		28	U
76-13-1	-----1,1,2-Trichloro-1,2,2-trifluoroethane		28	U
156-59-2	-----cis-1,2-Dichloroethene		28	U
			52	

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

Client No.

GPB3-24-15.5-17

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6427908

Sample wt/vol: 5.00 (g/mL) G

Lab File ID: Q1585.RR

Level: (low/med) LOW

Date Samp/Recv: 04/19/2006 04/20/2006

% Moisture: not dec. 64 Heated Purge: Y

Date Analyzed: 04/22/2006

GC Column: DB-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

Q

CAS NO.	COMPOUND	UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	10	J
75-71-8	Dichlorodifluoromethane	28	U
75-69-4	Trichlorofluoromethane	28	U
79-20-9	Methyl acetate	28	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	28	U
110-82-7	Cyclohexane	28	U
108-87-2	Methylcyclohexane	28	U
106-93-4	1,2-Dibromoethane	28	U
98-82-8	Isopropylbenzene	28	U
541-73-1	1,3-Dichlorobenzene	28	U
106-46-7	1,4-Dichlorobenzene	28	U
95-50-1	1,2-Dichlorobenzene	28	U
96-12-8	1,2-Dibromo-3-chloropropane	28	U
120-82-1	1,2,4-Trichlorobenzene	28	U

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

42/473

Client No.

Lab Name: SIL Buffalo

Contract: \_\_\_\_\_

GPB3-24-15.5-17

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6427908

Sample wt/vol: 5.00 (g/mL) G

Lab File ID: Q1585.RR

Level: (low/med) LOW

Date Samp/Recv: 04/19/2006 04/20/2006

% Moisture: not dec. 64.5

Date Analyzed: 04/22/2006

GC Column: DB-624 ID: 0.25 (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	3.78	20	JN

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

Client No.

GPB3-24-6-10

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6427907

Sample wt/vol: 5.17 (g/mL) G

Lab File ID: Q1584.RR

Level: (low/med) LOW

Date Samp/Recv: 04/18/2006 04/20/2006

% Moisture: not dec. 54 Heated Purge: Y

Date Analyzed: 04/22/2006

GC Column: DB-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

Q

CAS NO.

COMPOUND

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
74-87-3	Chloromethane		21	U
74-83-9	Bromomethane		21	U J
75-01-4	Vinyl chloride		21	U
75-00-3	Chloroethane		21	U
75-09-2	Methylene chloride	21	15	JK
67-64-1	Acetone		21	U
75-15-0	Carbon Disulfide		21	U
75-35-4	1,1-Dichloroethene		21	U
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		21	U
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		21	U
124-48-1	Dibromochloromethane		21	U
79-00-5	1,1,2-Trichloroethane		21	U
71-43-2	Benzene		21	U
10061-02-6	trans-1,3-Dichloropropene		21	U
75-25-2	Bromoform		21	U
108-10-1	4-Methyl-2-pentanone		21	U
591-78-6	2-Hexanone		21	U
127-18-4	Tetrachloroethene		21	U
108-88-3	Toluene		21	U
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		21	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane		21	U
156-59-2	cis-1,2-Dichloroethene		21	U

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

44/473

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

GPB3-24-6-10

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6427907

Sample wt/vol: 5.17 (g/mL) G

Lab File ID: Q1584.RR

Level: (low/med) LOW

Date Samp/Recv: 04/18/2006 04/20/2006

% Moisture: not dec. 54 Heated Purge: Y

Date Analyzed: 04/22/2006

GC Column: DB-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	21	U
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.

GPB3-24-6-10

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOILLab Sample ID: A6427907Sample wt/vol: 5.17 (g/mL) GLab File ID: Q1584.RRLevel: (low/med) LOWDate Samp/Recv: 04/18/2006 04/20/2006% Moisture: not dec. 53.9Date Analyzed: 04/22/2006GC Column: DB-624 ID: 0.25 (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	3.78	15	JN

EPA ASP 2000 - VOLATILES  
ANALYSIS DATA SHEET

13/604

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

DAW-1

Lab Code: RBCNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A6497409

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q1933.RR

Level: (low/med) LOW

Date Samp/Recv: 05/03/2006 05/05/2006

% Moisture: not dec. \_\_\_\_\_ Heated Purge: N

Date Analyzed: 05/05/2006

GC Column: DB-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/L Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromofom	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
108-88-3	Toluene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Total Xylenes	10	U
75-71-8	Dichlorodifluoromethane	10	U
75-69-4	Trichlorofluoromethane	10	U



## 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.
- ! 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.



EPA ASP 2000 - VOLATILES  
ANALYSIS DATA SHEET

14/604

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

DAW-1

Lab Code: RECNV Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A6497409

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q1933.RR

Level: (low/med) LOW

Date Samp/Recv: 05/03/2006 05/05/2006

% Moisture: not dec. \_\_\_\_\_ Heated Purge: N

Date Analyzed: 05/05/2006

GC Column: DB-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/L Q
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
110-82-7	Cyclohexane	10	U
108-87-2	Methylcyclohexane	10	U
106-93-4	1,2-Dibromoethane	10	U
98-82-8	Isopropylbenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
79-20-9	Methyl acetate	10	U

EPA ASP 2000 - VOLATILES  
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

DAW-1

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A6497409

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q1933.RR

Level: (low/med) LOW

Date Samp/Recv: 05/03/2006 05/05/2006

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 05/05/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

Number TICs found: 0

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

CAS NO.	Compound Name	RT	Est. Conc.	Q

EPA ASP 2000 - VOLATILES  
ANALYSIS DATA SHEET

16/604

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

DAW-2

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A6497414

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q1938.RR

Level: (low/med) LOW

Date Samp/Recv: 05/03/2006 05/05/2006

% Moisture: not dec. \_\_\_\_\_ Heated Purge: N

Date Analyzed: 05/06/2006

GC Column: DB-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/L
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	2	J
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
108-88-3	Toluene	5	J
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Total Xylenes	10	U
75-71-8	Dichlorodifluoromethane	10	U
75-69-4	Trichlorofluoromethane	10	U

EPA ASP 2000 - VOLATILES  
ANALYSIS DATA SHEET

Client No.

DAW-2

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A6497414

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q1938.RR

Level: (low/med) LOW

Date Samp/Recv: 05/03/2006 05/05/2006

% Moisture: not dec. \_\_\_\_\_ Heated Purge: N

Date Analyzed: 05/06/2006

GC Column: DB-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/L

Q

CAS NO.	COMPOUND	UG/L	Q
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
156-60-5-----	trans-1,2-Dichloroethene	10	U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	10	U
156-59-2-----	cis-1,2-Dichloroethene	43	
110-82-7-----	Cyclohexane	10	U
108-87-2-----	Methylcyclohexane	10	U
106-93-4-----	1,2-Dibromoethane	10	U
98-82-8-----	Isopropylbenzene	10	U
541-73-1-----	1,3-Dichlorobenzene	10	U
106-46-7-----	1,4-Dichlorobenzene	10	U
95-50-1-----	1,2-Dichlorobenzene	10	U
96-12-8-----	1,2-Dibromo-3-chloropropane	10	U
120-82-1-----	1,2,4-Trichlorobenzene	10	U
79-20-9-----	Methyl acetate	10	U

EPA ASP 2000 - VOLATILES  
TENTATIVELY IDENTIFIED COMPOUNDS

18/604

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

DAW-2

Lab Code: RECONY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A6497414

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q1938.RR

Level: (low/med) LOW

Date Samp/Recv: 05/03/2006 05/05/2006

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 05/06/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

Number TICs found: 0

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

CAS NO.	Compound Name	RT	Est. Conc.	Q

EPA ASP 2000 - VOLATILES  
ANALYSIS DATA SHEET

Client No.

DAW-3

Lab Name: STL Buffalo Contract: \_\_\_\_\_

Lab Code: RECNV Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A6497417

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q1950.RR

Level: (low/med) LOW

Date Samp/Recv: 05/03/2006 05/05/2006

% Moisture: not dec. \_\_\_\_\_ Heated Purge: N

Date Analyzed: 05/06/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
74-87-3	Chloromethane		10	U
74-83-9	Bromomethane		10	U
75-01-4	Vinyl chloride		10	U
75-00-3	Chloroethane		10	U
75-09-2	Methylene chloride		10	U
67-64-1	Acetone		10	U
75-15-0	Carbon Disulfide		10	U
75-35-4	1,1-Dichloroethene		10	U
75-34-3	1,1-Dichloroethane		10	U
67-66-3	Chloroform		10	U
107-06-2	1,2-Dichloroethane		10	U
78-93-3	2-Butanone		10	U
71-55-6	1,1,1-Trichloroethane		10	U
56-23-5	Carbon Tetrachloride		10	U
75-27-4	Bromodichloromethane		10	U
78-87-5	1,2-Dichloropropane		10	U
10061-01-5	cis-1,3-Dichloropropene		10	U
79-01-6	Trichloroethene		10	U
124-48-1	Dibromochloromethane		10	U
79-00-5	1,1,2-Trichloroethane		10	U
71-43-2	Benzene		10	U
10061-02-6	trans-1,3-Dichloropropene		10	U
75-25-2	Bromoform		10	U
108-10-1	4-Methyl-2-pentanone		10	U
591-78-6	2-Hexanone		10	U
127-18-4	Tetrachloroethene		10	U
108-88-3	Toluene		10	U
79-34-5	1,1,2,2-Tetrachloroethane		10	U
108-90-7	Chlorobenzene		10	U
100-41-4	Ethylbenzene		10	U
100-42-5	Styrene		10	U
1330-20-7	Total Xylenes		10	U
75-71-8	Dichlorodifluoromethane		10	U
75-69-4	Trichlorofluoromethane		10	U

10 1 ~~DFU~~

EPA ASP 2000 - VOLATILES  
ANALYSIS DATA SHEET

20/604

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

DAW-3

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A6497417

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q1950.RR

Level: (low/med) LOW

Date Samp/Recv: 05/03/2006 05/05/2006

% Moisture: not dec. \_\_\_\_\_ Heated Purge: N

Date Analyzed: 05/06/2006

GC Column: DB-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/L
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
156-60-5-----	trans-1,2-Dichloroethene	10	U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	10	U
156-59-2-----	cis-1,2-Dichloroethene	10	U
110-82-7-----	Cyclohexane	10	U
108-87-2-----	Methylcyclohexane	10	U
106-93-4-----	1,2-Dibromoethane	10	U
98-82-8-----	Isopropylbenzene	10	U
541-73-1-----	1,3-Dichlorobenzene	10	U
106-46-7-----	1,4-Dichlorobenzene	10	U
95-50-1-----	1,2-Dichlorobenzene	10	U
96-12-8-----	1,2-Dibromo-3-chloropropane	10	U
120-82-1-----	1,2,4-Trichlorobenzene	10	U
79-20-9-----	Methyl acetate	10	U

EPA ASP 2000 - VOLATILES  
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

DAW-3

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: REQNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATERLab Sample ID: A6497417Sample wt/vol: 5.00 (g/mL) MLLab File ID: Q1950.RRLevel: (low/med) LOWDate Samp/Recv: 05/03/2006 05/05/2006

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 05/06/2006GC Column: DB-624 ID: 0.25 (mm)Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

Number TICs found: 0

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q



EPA ASP 2000 - VOLATILES  
ANALYSIS DATA SHEET

22/604

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

DAW-4

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A6497415

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q1939.RR

Level: (low/med) LOW

Date Samp/Recv: 05/03/2006 05/05/2006

% Moisture: not dec. \_\_\_\_\_ Heated Purge: N

Date Analyzed: 05/06/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/L	
74-87-3	-----Chloromethane		10	U
74-83-9	-----Bromomethane		10	U
75-01-4	-----Vinyl chloride		10	U
75-00-3	-----Chloroethane		10	U
75-09-2	-----Methylene chloride		10	U
67-64-1	-----Acetone		10	U
75-15-0	-----Carbon Disulfide	10 <del>1</del>	10	U
75-35-4	-----1,1-Dichloroethene		10	U
75-34-3	-----1,1-Dichloroethane		10	U
67-66-3	-----Chloroform		10	U
107-06-2	-----1,2-Dichloroethane		10	U
78-93-3	-----2-Butanone		10	U
71-55-6	-----1,1,1-Trichloroethane		10	U
56-23-5	-----Carbon Tetrachloride		10	U
75-27-4	-----Bromodichloromethane		10	U
78-87-5	-----1,2-Dichloropropane		10	U
10061-01-5	-----cis-1,3-Dichloropropene		10	U
79-01-6	-----Trichloroethene		10	U
124-48-1	-----Dibromochloromethane		10	U
79-00-5	-----1,1,2-Trichloroethane		10	U
71-43-2	-----Benzene		10	U
10061-02-6	-----trans-1,3-Dichloropropene		10	U
75-25-2	-----Bromoform		10	U
108-10-1	-----4-Methyl-2-pentanone		10	U
591-78-6	-----2-Hexanone		10	U
127-18-4	-----Tetrachloroethene		10	U
108-88-3	-----Toluene		10	U
79-34-5	-----1,1,2,2-Tetrachloroethane		10	U
108-90-7	-----Chlorobenzene		10	U
100-41-4	-----Ethylbenzene		10	U
100-42-5	-----Styrene		10	U
1330-20-7	-----Total Xylenes		10	U
75-71-8	-----Dichlorodifluoromethane		10	U
75-69-4	-----Trichlorofluoromethane		10	U

EPA ASP 2000 - VOLATILES  
ANALYSIS DATA SHEET

Client No.

DAW-4

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNV

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A6497415

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q1939.RR

Level: (low/med) LOW

Date Samp/Recv: 05/03/2006 05/05/2006

% Moisture: not dec. \_\_\_\_\_ Heated Purge: N

Date Analyzed: 05/06/2006

GC Column: DB-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/L

Q

CAS NO.	COMPOUND	UG/L	Q
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
156-60-5-----	trans-1,2-Dichloroethene	10	U
1634-04-4----	Methyl-t-Butyl Ether (MTBE)	10	U
156-59-2-----	cis-1,2-Dichloroethene	10	U
110-82-7-----	Cyclohexane	10	U
108-87-2-----	Methylcyclohexane	10	U
106-93-4-----	1,2-Dibromoethane	10	U
98-82-8-----	Isopropylbenzene	10	U
541-73-1-----	1,3-Dichlorobenzene	10	U
106-46-7-----	1,4-Dichlorobenzene	10	U
95-50-1-----	1,2-Dichlorobenzene	10	U
96-12-8-----	1,2-Dibromo-3-chloropropane	10	U
120-82-1-----	1,2,4-Trichlorobenzene	10	U
79-20-9-----	Methyl acetate	10	U

EPA ASP 2000 - VOLATILES  
TENTATIVELY IDENTIFIED COMPOUNDS

24/604

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

DAW-4

Lab Code: RECN Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A6497415

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q1939.RR

Level: (low/med) LOW

Date Samp/Recv: 05/03/2006 05/05/2006

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 05/06/2006

GC Column: DB-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/L

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 000420-56-4	SILANE, FLUOROTRIMETHYL-	1.90	7	JN
2.	UNKNOWN	4.43	5	J

EPA ASP 2000 - VOLATILES  
ANALYSIS DATA SHEET

Client No.

MW-1

Lab Name: STL Buffalo Contract: \_\_\_\_\_

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER Lab Sample ID: A6497407

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q1921.RR

Level: (low/med) LOW Date Samp/Recv: 05/03/2006 05/05/2006

% Moisture: not dec. \_\_\_\_\_ Heated Purge: N Date Analyzed: 05/05/2006

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

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
74-87-3	Chloromethane		10	U
74-83-9	Bromomethane		10	U
75-01-4	Vinyl chloride		10	U
75-00-3	Chloroethane		10	U
75-09-2	Methylene chloride		10	U
67-64-1	Acetone		10	U
75-15-0	Carbon Disulfide		10	U
75-35-4	1,1-Dichloroethene		10	U
75-34-3	1,1-Dichloroethane		10	U
67-66-3	Chloroform		10	U
107-06-2	1,2-Dichloroethane		10	U
78-93-3	2-Butanone		10	U
71-55-6	1,1,1-Trichloroethane		10	U
56-23-5	Carbon Tetrachloride		10	U
75-27-4	Bromodichloromethane		10	U
78-87-5	1,2-Dichloropropane		10	U
10061-01-5	cis-1,3-Dichloropropene		10	U
79-01-6	Trichloroethene		10	U
124-48-1	Dibromochloromethane		10	U
79-00-5	1,1,2-Trichloroethane		10	U
71-43-2	Benzene		10	U
10061-02-6	trans-1,3-Dichloropropene		10	U
75-25-2	Bromoform		10	U
108-10-1	4-Methyl-2-pentanone		10	U
591-78-6	2-Hexanone		10	U
127-18-4	Tetrachloroethene		10	U
108-88-3	Toluene		10	U
79-34-5	1,1,2,2-Tetrachloroethane		10	U
108-90-7	Chlorobenzene		10	U
100-41-4	Ethylbenzene		10	U
100-42-5	Styrene		10	U
1330-20-7	Total Xylenes		10	U
75-71-8	Dichlorodifluoromethane		10	U
75-69-4	Trichlorofluoromethane		10	U

EPA ASP 2000 - VOLATILES  
ANALYSIS DATA SHEET

26/604

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

MW-1

Lab Code: REONY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A6497407

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q1921.RR

Level: (low/med) LOW

Date Samp/Recv: 05/03/2006 05/05/2006

% Moisture: not dec. \_\_\_\_\_ Heated Purge: N

Date Analyzed: 05/05/2006

GC Column: DB-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/L Q
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
156-60-5-----	trans-1,2-Dichloroethene	10	U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	10	U
156-59-2-----	cis-1,2-Dichloroethene	10	U
110-82-7-----	Cyclohexane	10	U
108-87-2-----	Methylcyclohexane	10	U
106-93-4-----	1,2-Dibromoethane	10	U
98-82-8-----	Isopropylbenzene	10	U
541-73-1-----	1,3-Dichlorobenzene	10	U
106-46-7-----	1,4-Dichlorobenzene	10	U
95-50-1-----	1,2-Dichlorobenzene	10	U
96-12-8-----	1,2-Dibromo-3-chloropropane	10	U
120-82-1-----	1,2,4-Trichlorobenzene	10	U
79-20-9-----	Methyl acetate	10	U

EPA ASP 2000 - VOLATILES  
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

MW-1

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A6497407

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q1921.RR

Level: (low/med) LOW

Date Samp/Recv: 05/03/2006 05/05/2006

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 05/05/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

Number TICs found: 0

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

CAS NO.	Compound Name	RT	Est. Conc.	Q

EPA ASP 2000 - VOLATILES  
ANALYSIS DATA SHEET

28/604

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

MW-10D

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A6497402

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q1916.RR

Level: (low/med) LOW

Date Samp/Recv: 05/02/2006 05/05/2006

% Moisture: not dec. \_\_\_\_\_ Heated Purge: N

Date Analyzed: 05/05/2006

GC Column: DB-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/L Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	<u>UG/L</u>	<u>Q</u>
74-87-3	Chloromethane		10	U
74-83-9	Bromomethane		10	U
75-01-4	Vinyl chloride		60	U
75-00-3	Chloroethane		10	U
75-09-2	Methylene chloride		10	U
67-64-1	Acetone		10	U
75-15-0	Carbon Disulfide		10	U
75-35-4	1,1-Dichloroethene		10	U
75-34-3	1,1-Dichloroethane		10	U
67-66-3	Chloroform		10	U
107-06-2	1,2-Dichloroethane		10	U
78-93-3	2-Butanone		10	U
71-55-6	1,1,1-Trichloroethane		10	U
56-23-5	Carbon Tetrachloride		10	U
75-27-4	Bromodichloromethane		10	U
78-87-5	1,2-Dichloropropane		10	U
10061-01-5	cis-1,3-Dichloropropene		10	U
79-01-6	Trichloroethene		10	U
124-48-1	Dibromochloromethane		2	U
79-00-5	1,1,2-Trichloroethane		10	U
71-43-2	Benzene		10	U
10061-02-6	trans-1,3-Dichloropropene		10	U
75-25-2	Bromoform		10	U
108-10-1	4-Methyl-2-pentanone		10	U
591-78-6	2-Hexanone		10	U
127-18-4	Tetrachloroethene		10	U
108-88-3	Toluene		10	U
79-34-5	1,1,2,2-Tetrachloroethane		10	U
108-90-7	Chlorobenzene		10	U
100-41-4	Ethylbenzene		10	U
100-42-5	Styrene		10	U
1330-20-7	Total Xylenes		10	U
75-71-8	Dichlorodifluoromethane		10	U
75-69-4	Trichlorofluoromethane		10	U

EPA ASP 2000 - VOLATILES  
ANALYSIS DATA SHEET

Client No.

MW-10D

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A6497402

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q1916.RR

Level: (low/med) LOW

Date Samp/Recv: 05/02/2006 05/05/2006

% Moisture: not dec. \_\_\_\_\_ Heated Purge: N

Date Analyzed: 05/05/2006

GC Column: DB-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/L

Q

CAS NO.

COMPOUND

CAS NO.	COMPOUND	UG/L	Q
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
156-60-5-----	trans-1,2-Dichloroethene	25	
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	10	U
156-59-2-----	cis-1,2-Dichloroethene	<del>400</del>	<del>E</del> 420
110-82-7-----	Cyclohexane	10	U
108-87-2-----	Methylcyclohexane	10	U
106-93-4-----	1,2-Dibromoethane	10	U
98-82-8-----	Isopropylbenzene	10	U
541-73-1-----	1,3-Dichlorobenzene	10	U
106-46-7-----	1,4-Dichlorobenzene	10	U
95-50-1-----	1,2-Dichlorobenzene	10	U
96-12-8-----	1,2-Dibromo-3-chloropropane	10	U
120-82-1-----	1,2,4-Trichlorobenzene	10	U
79-20-9-----	Methyl acetate	10	U



EPA ASP 2000 - VOLATILES  
TENTATIVELY IDENTIFIED COMPOUNDS

30/604

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

MW-10D

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A6497402

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q1916.RR

Level: (low/med) LOW

Date Samp/Recv: 05/02/2006 05/05/2006

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 05/05/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

Number TICs found: 0

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

CAS NO.	Compound Name	RT	Est. Conc.	Q

EPA ASP 2000 - VOLATILES  
ANALYSIS DATA SHEET

Client No.

MW-10D DL

Lab Name: STL Buffalo Contract: \_\_\_\_\_

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A6497402DL

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q1929.RR

Level: (low/med) LOW

Date Samp/Recv: 05/02/2006 05/05/2006

% Moisture: not dec. \_\_\_\_\_ Heated Purge: N

Date Analyzed: 05/05/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 4.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
74-87-3	Chloromethane		40	U
74-83-9	Bromomethane		40	U
75-01-4	Vinyl chloride		58	U
75-00-3	Chloroethane		40	U
75-09-2	Methylene chloride		40	U
67-64-1	Acetone		40	U
75-15-0	Carbon Disulfide		40	U
75-35-4	1,1-Dichloroethene		40	U
75-34-3	1,1-Dichloroethane		40	U
67-66-3	Chloroform		40	U
107-06-2	1,2-Dichloroethane		40	U
78-93-3	2-Butanone		40	U
71-55-6	1,1,1-Trichloroethane		40	U
56-23-5	Carbon Tetrachloride		40	U
75-27-4	Bromodichloromethane		40	U
78-87-5	1,2-Dichloropropane		40	U
10061-01-5	cis-1,3-Dichloropropene		40	U
79-01-6	Trichloroethene		40	U
124-48-1	Dibromochloromethane		40	U
79-00-5	1,1,2-Trichloroethane		40	U
71-43-2	Benzene		40	U
10061-02-6	trans-1,3-Dichloropropene		40	U
75-25-2	Bromoform		40	U
108-10-1	4-Methyl-2-pentanone		40	U
591-78-6	2-Hexanone		40	U
127-18-4	Tetrachloroethene		40	U
108-88-3	Toluene		40	U
79-34-5	1,1,2,2-Tetrachloroethane		40	U
108-90-7	Chlorobenzene		40	U
100-41-4	Ethylbenzene		40	U
100-42-5	Styrene		40	U
1330-20-7	Total Xylenes		40	U
75-71-8	Dichlorodifluoromethane		40	U
75-69-4	Trichlorofluoromethane		40	U

EPA ASP 2000 - VOLATILES  
ANALYSIS DATA SHEET

34/604

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

MW-12D

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A6497416

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q1940.RR

Level: (low/med) LOW

Date Samp/Recv: 05/03/2006 05/05/2006

% Moisture: not dec. \_\_\_\_\_ Heated Purge: N

Date Analyzed: 05/06/2006

GC Column: DB-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/L	Q
74-87-3	Chloromethane		10	U
74-83-9	Bromomethane		10	U
75-01-4	Vinyl chloride		120	U
75-00-3	Chloroethane		10	J
75-09-2	Methylene chloride		10	U
67-64-1	Acetone		10	U
75-15-0	Carbon Disulfide		10	U
75-35-4	1,1-Dichloroethene		10	U
75-34-3	1,1-Dichloroethane		2	U
67-66-3	Chloroform		10	U
107-06-2	1,2-Dichloroethane		10	U
78-93-3	2-Butanone		10	U
71-55-6	1,1,1-Trichloroethane		10	U
56-23-5	Carbon Tetrachloride		10	U
75-27-4	Bromodichloromethane		10	U
78-87-5	1,2-Dichloropropane		10	U
10061-01-5	cis-1,3-Dichloropropene		10	U
79-01-6	Trichloroethene		10	U
124-48-1	Dibromochloromethane	200	200	E
79-00-5	1,1,2-Trichloroethane		10	U
71-43-2	Benzene		10	U
10061-02-6	trans-1,3-Dichloropropene		10	U
75-25-2	Bromoform		10	U
108-10-1	4-Methyl-2-pentanone		10	U
591-78-6	2-Hexanone		10	U
127-18-4	Tetrachloroethene		10	U
108-88-3	Toluene	5900	3200	E
79-34-5	1,1,2,2-Tetrachloroethane		10	U
108-90-7	Chlorobenzene		10	U
100-41-4	Ethylbenzene		10	U
100-42-5	Styrene		10	U
1330-20-7	Total Xylenes		10	U
75-71-8	Dichlorodifluoromethane		10	U
75-69-4	Trichlorofluoromethane		10	U

EPA ASP 2000 - VOLATILES  
ANALYSIS DATA SHEET

Client No.

MW-12D

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATERLab Sample ID: A6497416Sample wt/vol: 5.00 (g/mL) MLLab File ID: Q1940.RRLevel: (low/med) LOWDate Samp/Recv: 05/03/2006 05/05/2006% Moisture: not dec. \_\_\_\_\_ Heated Purge: NDate Analyzed: 05/06/2006GC Column: DB-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/LQ

CAS NO.	COMPOUND	UG/L	Q
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
156-60-5-----	trans-1,2-Dichloroethene	24	
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	10	U
156-59-2-----	cis-1,2-Dichloroethene	180	
110-82-7-----	Cyclohexane	10	U
108-87-2-----	Methylcyclohexane	10	U
106-93-4-----	1,2-Dibromoethane	10	U
98-82-8-----	Isopropylbenzene	10	U
541-73-1-----	1,3-Dichlorobenzene	10	U
106-46-7-----	1,4-Dichlorobenzene	10	U
95-50-1-----	1,2-Dichlorobenzene	10	U
96-12-8-----	1,2-Dibromo-3-chloropropane	10	U
120-82-1-----	1,2,4-Trichlorobenzene	10	U
79-20-9-----	Methyl acetate	10	U

EPA ASP 2000 - VOLATILES  
TENTATIVELY IDENTIFIED COMPOUNDS

36/604

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

MW-12D

Lab Code: REONY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A6497416

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q1940.RR

Level: (low/med) LOW

Date Samp/Recv: 05/03/2006 05/05/2006

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 05/06/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

Number TICs found: 0

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

CAS NO.	Compound Name	RT	Est. Conc.	Q

EPA ASP 2000 - VOLATILES  
ANALYSIS DATA SHEET

Client No.

MW-12D DL

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A6497416DL

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q1956.RR

Level: (low/med) LOW

Date Samp/Recv: 05/03/2006 05/05/2006

% Moisture: not dec. \_\_\_\_\_ Heated Purge: N

Date Analyzed: 05/06/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 50.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

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

CAS NO.	COMPOUND	UG/L	Q
74-87-3	Chloromethane	500	U
74-83-9	Bromomethane	500	U
75-01-4	Vinyl chloride	140	DJ
75-00-3	Chloroethane	500	U
75-09-2	Methylene chloride	500	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	500	U
75-35-4	1,1-Dichloroethene	500	U
75-34-3	1,1-Dichloroethane	500	U
67-66-3	Chloroform	500	U
107-06-2	1,2-Dichloroethane	500	U
78-93-3	2-Butanone	500	U
71-55-6	1,1,1-Trichloroethane	500	U
56-23-5	Carbon Tetrachloride	500	U
75-27-4	Bromodichloromethane	500	U
78-87-5	1,2-Dichloropropane	500	U
10061-01-5	cis-1,3-Dichloropropene	500	U
79-01-6	Trichloroethene	200	DJ
124-48-1	Dibromochloromethane	500	U
79-00-5	1,1,2-Trichloroethane	500	U
71-43-2	Benzene	500	U
10061-02-6	trans-1,3-Dichloropropene	500	U
75-25-2	Bromoform	500	U
108-10-1	4-Methyl-2-pentanone	500	U
591-78-6	2-Hexanone	500	U
127-18-4	Tetrachloroethene	5900	ED
108-88-3	Toluene	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U
108-90-7	Chlorobenzene	500	U
100-41-4	Ethylbenzene	500	U
100-42-5	Styrene	500	U
1330-20-7	Total Xylenes	500	U
75-71-8	Dichlorodifluoromethane	500	U
75-69-4	Trichlorofluoromethane	500	U

EPA ASP 2000 - VOLATILES  
ANALYSIS DATA SHEET

40/604

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

MW-13D

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A6497411

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q1935.RR

Level: (low/med) LOW

Date Samp/Recv: 05/03/2006 05/05/2006

% Moisture: not dec. \_\_\_\_\_ Heated Purge: N

Date Analyzed: 05/06/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/L	
74-87-3	Chloromethane		10	U
74-83-9	Bromomethane		10	U
75-01-4	Vinyl chloride		10	U
75-00-3	Chloroethane	900	860	E J
75-09-2	Methylene chloride		10	U
67-64-1	Acetone		10	U
75-15-0	Carbon Disulfide		10	U
75-35-4	1,1-Dichloroethene		10	U
75-34-3	1,1-Dichloroethane		2	J
67-66-3	Chloroform		10	U
107-06-2	1,2-Dichloroethane		10	U
78-93-3	2-Butanone		10	U
71-55-6	1,1,1-Trichloroethane		10	U
56-23-5	Carbon Tetrachloride		10	U
75-27-4	Bromodichloromethane		10	U
78-87-5	1,2-Dichloropropane		10	U
10061-01-5	cis-1,3-Dichloropropene		10	U
79-01-6	Trichloroethene		10	U
124-48-1	Dibromochloromethane		8	J
79-00-5	1,1,2-Trichloroethane		10	U
71-43-2	Benzene		10	U
10061-02-6	trans-1,3-Dichloropropene		10	U
75-25-2	Bromoform		10	U
108-10-1	4-Methyl-2-pentanone		10	U
591-78-6	2-Hexanone		10	U
127-18-4	Tetrachloroethene		10	U
108-88-3	Toluene		24	
79-34-5	1,1,2,2-Tetrachloroethane		10	U
108-90-7	Chlorobenzene		10	U
100-41-4	Ethylbenzene		10	U
100-42-5	Styrene		10	U
1330-20-7	Total Xylenes		10	U
75-71-8	Dichlorodifluoromethane		10	U
75-69-4	Trichlorofluoromethane		10	U

EPA ASP 2000 - VOLATILES  
ANALYSIS DATA SHEET

Client No.

MW-13D

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A6497411

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q1935.RR

Level: (low/med) LOW

Date Samp/Recv: 05/03/2006 05/05/2006

% Moisture: not dec. \_\_\_\_\_ Heated Purge: N

Date Analyzed: 05/06/2006

GC Column: DB-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/L

Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane		10	U
156-60-5-----	trans-1,2-Dichloroethene		13	
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)		10	U
156-59-2-----	cis-1,2-Dichloroethene	750	<del>680</del>	<del>E</del>
110-82-7-----	Cyclohexane		10	U
108-87-2-----	Methylcyclohexane		10	U
106-93-4-----	1,2-Dibromoethane		10	U
98-82-8-----	Isopropylbenzene		10	U
541-73-1-----	1,3-Dichlorobenzene		10	U
106-46-7-----	1,4-Dichlorobenzene		10	U
95-50-1-----	1,2-Dichlorobenzene		10	U
96-12-8-----	1,2-Dibromo-3-chloropropane		10	U
120-82-1-----	1,2,4-Trichlorobenzene		10	U
79-20-9-----	Methyl acetate		10	U



EPA ASP 2000 - VOLATILES  
TENTATIVELY IDENTIFIED COMPOUNDS

42/604

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

MW-13D

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A6497411

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q1935.RR

Level: (low/med) LOW

Date Samp/Recv: 05/03/2006 05/05/2006

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 05/06/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

Number TICs found: 0

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

CAS NO.	Compound Name	RT	Est. Conc.	Q

EPA ASP 2000 - VOLATILES  
ANALYSIS DATA SHEET

Client No.

MW-13D DL

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A6497411DL

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q1952.RR

Level: (low/med) LOW

Date Samp/Recv: 05/03/2006 05/05/2006

% Moisture: not dec. \_\_\_\_\_ Heated Purge: N

Date Analyzed: 05/06/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 10.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
74-87-3	Chloromethane		100	U
74-83-9	Bromomethane		100	U
75-01-4	Vinyl chloride		900	D
75-00-3	Chloroethane		100	U
75-09-2	Methylene chloride		100	U
67-64-1	Acetone		100	U
75-15-0	Carbon Disulfide		100	U
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		100	U
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		100	U
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		100	U
591-78-6	2-Hexanone		100	U
127-18-4	Tetrachloroethene		36	BDU
108-88-3	Toluene		100	U
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
75-71-8	Dichlorodifluoromethane		100	U
75-69-4	Trichlorofluoromethane		100	U

EPA ASP 2000 - VOLATILES  
ANALYSIS DATA SHEET

46/604

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

MW-13D RESAMPLE

Lab Code: REONY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A6497419

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q1953.RR

Level: (low/med) LOW

Date Samp/Recv: 05/04/2006 05/05/2006

% Moisture: not dec. \_\_\_\_\_ Heated Purge: N

Date Analyzed: 05/06/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 5.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/L	Q
74-87-3	-----Chloromethane		50	U
74-83-9	-----Bromomethane		50	U
75-01-4	-----Vinyl chloride		720	U
75-00-3	-----Chloroethane		50	U
75-09-2	-----Methylene chloride		50	U
67-64-1	-----Acetone		50	U
75-15-0	-----Carbon Disulfide		50	U
75-35-4	-----1,1-Dichloroethene		50	U
75-34-3	-----1,1-Dichloroethane		50	U
67-66-3	-----Chloroform		50	U
107-06-2	-----1,2-Dichloroethane		50	U
78-93-3	-----2-Butanone		50	U
71-55-6	-----1,1,1-Trichloroethane		50	U
56-23-5	-----Carbon Tetrachloride		50	U
75-27-4	-----Bromodichloromethane		50	U
78-87-5	-----1,2-Dichloropropane		50	U
10061-01-5	-----cis-1,3-Dichloropropene		50	U
79-01-6	-----Trichloroethene		50	U
124-48-1	-----Dibromochloromethane		50	U
79-00-5	-----1,1,2-Trichloroethane		50	U
71-43-2	-----Benzene		50	U
10061-02-6	-----trans-1,3-Dichloropropene		50	U
75-25-2	-----Bromoform		50	U
108-10-1	-----4-Methyl-2-pentanone		50	U
591-78-6	-----2-Hexanone		50	U
127-18-4	-----Tetrachloroethene		50	U
108-88-3	-----Toluene	50	25	U
79-34-5	-----1,1,2,2-Tetrachloroethane		50	U
108-90-7	-----Chlorobenzene		50	U
100-41-4	-----Ethylbenzene		50	U
100-42-5	-----Styrene		50	U
1330-20-7	-----Total Xylenes		50	U
75-71-8	-----Dichlorodifluoromethane		50	U
75-69-4	-----Trichlorofluoromethane		50	U

EPA ASP 2000 - VOLATILES  
ANALYSIS DATA SHEET

Client No.

MW-13D RESAMPLE

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATERLab Sample ID: A6497419Sample wt/vol: 5.00 (g/mL) MLLab File ID: Q1953.RRLevel: (low/med) LOWDate Samp/Recv: 05/04/2006 05/05/2006% Moisture: not dec. \_\_\_\_\_ Heated Purge: NDate Analyzed: 05/06/2006GC Column: DB-624 ID: 0.25 (mm)Dilution Factor: 5.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

## CONCENTRATION UNITS:

(ug/L or ug/Kg)

UG/L

Q

CAS NO.	COMPOUND	UG/L	Q
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	50	U
156-60-5-----	trans-1,2-Dichloroethene	13	J
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	50	U
156-59-2-----	cis-1,2-Dichloroethene	630	
110-82-7-----	Cyclohexane	50	U
108-87-2-----	Methylcyclohexane	50	U
106-93-4-----	1,2-Dibromoethane	50	U
98-82-8-----	Isopropylbenzene	50	U
541-73-1-----	1,3-Dichlorobenzene	50	U
106-46-7-----	1,4-Dichlorobenzene	50	U
95-50-1-----	1,2-Dichlorobenzene	50	U
96-12-8-----	1,2-Dibromo-3-chloropropane	50	U
120-82-1-----	1,2,4-Trichlorobenzene	50	U
79-20-9-----	Methyl acetate	50	U

EPA ASP 2000 - VOLATILES  
TENTATIVELY IDENTIFIED COMPOUNDS

48/604

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

MW-13D RESAMPLE

Lab Code: REONY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A6497419

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q1953.RR

Level: (low/med) LOW

Date Samp/Recv: 05/04/2006 05/05/2006

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 05/06/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 5.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

Number TICs found: 1

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

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	1.90	28	J

EPA ASP 2000 - VOLATILES  
ANALYSIS DATA SHEET

Client No.

MW-2

Lab Name: STL Buffalo Contract: \_\_\_\_\_

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER Lab Sample ID: A6497401

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q1922.RR

Level: (low/med) LOW Date Samp/Recv: 05/02/2006 05/05/2006

% Moisture: not dec. \_\_\_\_\_ Heated Purge: N Date Analyzed: 05/05/2006

GC Column: DB-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/L Q

CAS NO.	COMPOUND	UG/L	Q
74-87-3	-----Chloromethane	10	U
74-83-9	-----Bromomethane	10	U
75-01-4	-----Vinyl chloride	10	U
75-00-3	-----Chloroethane	10	U
75-09-2	-----Methylene chloride	10	U
67-64-1	-----Acetone	10	U
75-15-0	-----Carbon Disulfide	10	U
75-35-4	-----1,1-Dichloroethene	10	U
75-34-3	-----1,1-Dichloroethane	10	U
67-66-3	-----Chloroform	10	U
107-06-2	-----1,2-Dichloroethane	10	U
78-93-3	-----2-Butanone	10	U
71-55-6	-----1,1,1-Trichloroethane	10	U
56-23-5	-----Carbon Tetrachloride	10	U
75-27-4	-----Bromodichloromethane	10	U
78-87-5	-----1,2-Dichloropropane	10	U
10061-01-5	----cis-1,3-Dichloropropene	10	U
79-01-6	-----Trichloroethene	10	U
124-48-1	-----Dibromochloromethane	10	U
79-00-5	-----1,1,2-Trichloroethane	10	U
71-43-2	-----Benzene	10	U
10061-02-6	----trans-1,3-Dichloropropene	10	U
75-25-2	-----Bromoform	10	U
108-10-1	-----4-Methyl-2-pentanone	10	U
591-78-6	-----2-Hexanone	10	U
127-18-4	-----Tetrachloroethene	10	U
108-88-3	-----Toluene	10	U
79-34-5	-----1,1,2,2-Tetrachloroethane	10	U
108-90-7	-----Chlorobenzene	10	U
100-41-4	-----Ethylbenzene	10	U
100-42-5	-----Styrene	10	U
1330-20-7	-----Total Xylenes	10	U
75-71-8	-----Dichlorodifluoromethane	10	U
75-69-4	-----Trichlorofluoromethane	10	U

EPA ASP 2000 - VOLATILES  
ANALYSIS DATA SHEET

50/604

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

MW-2

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A6497401

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q1922.RR

Level: (low/med) LOW

Date Samp/Recv: 05/02/2006 05/05/2006

% Moisture: not dec. \_\_\_\_\_ Heated Purge: N

Date Analyzed: 05/05/2006

GC Column: DB-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/L Q
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
110-82-7	Cyclohexane	10	U
108-87-2	Methylcyclohexane	10	U
106-93-4	1,2-Dibromoethane	10	U
98-82-8	Isopropylbenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
79-20-9	Methyl acetate	10	U

EPA ASP 2000 - VOLATILES  
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

MW-2

Lab Name: STL Buffalo Contract: \_\_\_\_\_

Lab Code: RECNV Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER Lab Sample ID: A6497401

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q1922.RR

Level: (low/med) LOW Date Samp/Recv: 05/02/2006 05/05/2006

% Moisture: not dec. \_\_\_\_\_ Date Analyzed: 05/05/2006

GC Column: DB-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/L

Number TICs found: 0

CAS NO.	Compound Name	RT	Est. Conc.	Q



EPA ASP 2000 - VOLATILES  
ANALYSIS DATA SHEET

52/604

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

MW-2D

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A6497406

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q1920.RR

Level: (low/med) LOW

Date Samp/Recv: 05/02/2006 05/05/2006

% Moisture: not dec. \_\_\_\_\_ Heated Purge: N

Date Analyzed: 05/05/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 5.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/L
74-87-3	Chloromethane	50	U
74-83-9	Bromomethane	50	U
75-01-4	Vinyl chloride	50	U
75-00-3	Chloroethane	50	U
75-09-2	Methylene chloride	50	U
67-64-1	Acetone	50	U
75-15-0	Carbon Disulfide	50	U
75-35-4	1,1-Dichloroethene	50	U
75-34-3	1,1-Dichloroethane	50	U
67-66-3	Chloroform	50	U
107-06-2	1,2-Dichloroethane	50	U
78-93-3	2-Butanone	50	U
71-55-6	1,1,1-Trichloroethane	50	U
56-23-5	Carbon Tetrachloride	50	U
75-27-4	Bromodichloromethane	50	U
78-87-5	1,2-Dichloropropane	50	U
10061-01-5	cis-1,3-Dichloropropene	50	U
79-01-6	Trichloroethene	50	U
124-48-1	Dibromochloromethane	50	U
79-00-5	1,1,2-Trichloroethane	50	U
71-43-2	Benzene	50	U
10061-02-6	trans-1,3-Dichloropropene	50	U
75-25-2	Bromoform	50	U
108-10-1	4-Methyl-2-pentanone	50	U
591-78-6	2-Hexanone	50	U
127-18-4	Tetrachloroethene	50	U
108-88-3	Toluene	50	U
79-34-5	1,1,2,2-Tetrachloroethane	50	U
108-90-7	Chlorobenzene	50	U
100-41-4	Ethylbenzene	50	U
100-42-5	Styrene	50	U
1330-20-7	Total Xylenes	50	U
75-71-8	Dichlorodifluoromethane	50	U
75-69-4	Trichlorofluoromethane	50	U

EPA ASP 2000 - VOLATILES  
ANALYSIS DATA SHEET

Client No.

MW-2D

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNV

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATERLab Sample ID: A6497406Sample wt/vol: 5.00 (g/mL) MLLab File ID: Q1920.RRLevel: (low/med) LOWDate Samp/Recv: 05/02/2006 05/05/2006% Moisture: not dec. \_\_\_\_\_ Heated Purge: NDate Analyzed: 05/05/2006GC Column: DB-624 ID: 0.25 (mm)Dilution Factor: 5.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg)

UG/L

Q

CAS NO.	COMPOUND	UG/L	Q
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	50	U
156-60-5-----	trans-1,2-Dichloroethene	50	U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	50	U
156-59-2-----	cis-1,2-Dichloroethene	50	U
110-82-7-----	Cyclohexane	50	U
108-87-2-----	Methylcyclohexane	50	U
106-93-4-----	1,2-Dibromoethane	50	U
98-82-8-----	Isopropylbenzene	50	U
541-73-1-----	1,3-Dichlorobenzene	50	U
106-46-7-----	1,4-Dichlorobenzene	50	U
95-50-1-----	1,2-Dichlorobenzene	50	U
96-12-8-----	1,2-Dibromo-3-chloropropane	50	U
120-82-1-----	1,2,4-Trichlorobenzene	50	U
79-20-9-----	Methyl acetate	50	U

EPA ASP 2000 - VOLATILES  
TENTATIVELY IDENTIFIED COMPOUNDS

54/604

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

MW-2D

Lab Code: REQNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A6497406

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q1920.RR

Level: (low/med) LOW

Date Samp/Recv: 05/02/2006 05/05/2006

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 05/05/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 5.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

Number TICs found: 0

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

CAS NO.	Compound Name	RT	Est. Conc.	Q

EPA ASP 2000 - VOLATILES  
ANALYSIS DATA SHEET

Client No.

MW-3

Lab Name: STL Buffalo Contract: \_\_\_\_\_

Lab Code: RECNV Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER Lab Sample ID: A6497410

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q1934.RR

Level: (low/med) LOW Date Samp/Recv: 05/03/2006 05/05/2006

% Moisture: not dec. \_\_\_\_\_ Heated Purge: N Date Analyzed: 05/06/2006

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

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
74-87-3	Chloromethane		10	U
74-83-9	Bromomethane		10	U
75-01-4	Vinyl chloride	1100	1100	E J
75-00-3	Chloroethane		10	U
75-09-2	Methylene chloride		10	U
67-64-1	Acetone	10	4	J U
75-15-0	Carbon Disulfide		10	U
75-35-4	1,1-Dichloroethene		10	U
75-34-3	1,1-Dichloroethane		10	U
67-66-3	Chloroform		10	U
107-06-2	1,2-Dichloroethane		10	U
78-93-3	2-Butanone		10	U
71-55-6	1,1,1-Trichloroethane		10	U
56-23-5	Carbon Tetrachloride		10	U
75-27-4	Bromodichloromethane		10	U
78-87-5	1,2-Dichloropropane		10	U
10061-01-5	cis-1,3-Dichloropropene		10	U
79-01-6	Trichloroethene		10	U
124-48-1	Dibromochloromethane		10	U
79-00-5	1,1,2-Trichloroethane		10	U
71-43-2	Benzene		10	U
10061-02-6	trans-1,3-Dichloropropene		10	U
75-25-2	Bromoform		10	U
108-10-1	4-Methyl-2-pentanone		10	U
591-78-6	2-Hexanone		10	U
127-18-4	Tetrachloroethene	10	4	J U
108-88-3	Toluene		10	U
79-34-5	1,1,2,2-Tetrachloroethane		10	U
108-90-7	Chlorobenzene		10	U
100-41-4	Ethylbenzene		10	U
100-42-5	Styrene		10	U
1330-20-7	Total Xylenes		10	U
75-71-8	Dichlorodifluoromethane		10	U
75-69-4	Trichlorofluoromethane		10	U

EPA ASP 2000 - VOLATILES  
ANALYSIS DATA SHEET

56/604

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

MW-3

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A6497410

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q1934.RR

Level: (low/med) LOW

Date Samp/Recv: 05/03/2006 05/05/2006

% Moisture: not dec. \_\_\_\_\_ Heated Purge: N

Date Analyzed: 05/06/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/L	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane		10	U
156-60-5	trans-1,2-Dichloroethene		34	
1634-04-4	Methyl-t-Butyl Ether (MTBE)		10	U
156-59-2	cis-1,2-Dichloroethene		10	U
110-82-7	Cyclohexane	440	440	E
108-87-2	Methylcyclohexane		10	U
106-93-4	1,2-Dibromoethane		10	U
98-82-8	Isopropylbenzene		10	U
541-73-1	1,3-Dichlorobenzene		10	U
106-46-7	1,4-Dichlorobenzene		10	U
95-50-1	1,2-Dichlorobenzene		10	U
96-12-8	1,2-Dibromo-3-chloropropane		10	U
120-82-1	1,2,4-Trichlorobenzene		10	U
79-20-9	Methyl acetate		10	U

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EPA ASP 2000 - VOLATILES  
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

MW-3

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: REONY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A6497410

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q1934.RR

Level: (low/med) LOW

Date Samp/Recv: 05/03/2006 05/05/2006

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 05/06/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

Number TICs found: 0

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

EPA ASP 2000 - VOLATILES  
ANALYSIS DATA SHEET

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Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

MW-3D

Lab Code: REONY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A6497418

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q1942.RR

Level: (low/med) LOW

Date Samp/Recv: 05/03/2006 05/05/2006

% Moisture: not dec. \_\_\_\_\_ Heated Purge: N

Date Analyzed: 05/06/2006

GC Column: DB-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/L Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/L	Q
74-87-3	Chloromethane		10	U
74-83-9	Bromomethane		10	U
75-01-4	Vinyl chloride		10	U
75-00-3	Chloroethane	600	500	E J
75-09-2	Methylene chloride		10	U
67-64-1	Acetone		10	U
75-15-0	Carbon Disulfide		10	U
75-35-4	1,1-Dichloroethene		10	U
75-34-3	1,1-Dichloroethane		24	
67-66-3	Chloroform		10	U
107-06-2	1,2-Dichloroethane		10	U
78-93-3	2-Butanone		10	U
71-55-6	1,1,1-Trichloroethane		10	U
56-23-5	Carbon Tetrachloride		10	U
75-27-4	Bromodichloromethane		10	U
78-87-5	1,2-Dichloropropane		10	U
10061-01-5	cis-1,3-Dichloropropene		10	U
79-01-6	Trichloroethene		10	U
124-48-1	Dibromochloromethane	1700	1200	E J
79-00-5	1,1,2-Trichloroethane		10	U
71-43-2	Benzene		10	U
10061-02-6	trans-1,3-Dichloropropene		10	U
75-25-2	Bromoform		10	U
108-10-1	4-Methyl-2-pentanone		10	U
591-78-6	2-Hexanone		10	U
127-18-4	Tetrachloroethene		10	U
108-88-3	Toluene	38,000	7000	E
79-34-5	1,1,2,2-Tetrachloroethane		37	
108-90-7	Chlorobenzene		10	U
100-41-4	Ethylbenzene		10	U
100-42-5	Styrene		2	J
1330-20-7	Total Xylenes		10	U
75-71-8	Dichlorodifluoromethane		19	
75-69-4	Trichlorofluoromethane		10	U
			10	U

EPA ASP 2000 - VOLATILES  
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

MW-3 DL

Lab Name: STL Buffalo Contract: \_\_\_\_\_

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER Lab Sample ID: A6497410DL

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q1951.RR

Level: (low/med) LOW Date Samp/Recv: 05/03/2006 05/05/2006

% Moisture: not dec. \_\_\_\_\_ Date Analyzed: 05/06/2006

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 10.00

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

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

CAS NO.	Compound Name	RT	Est. Conc.	Q



EPA ASP 2000 - VOLATILES  
ANALYSIS DATA SHEET

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Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

MW-3D

Lab Code: REQNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A6497418

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q1942.RR

Level: (low/med) LOW

Date Samp/Recv: 05/03/2006 05/05/2006

% Moisture: not dec. \_\_\_\_\_ Heated Purge: N

Date Analyzed: 05/06/2006

GC Column: DB-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/L
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
156-60-5	trans-1,2-Dichloroethene	30	
1634-04-4	Methyl-t-Butyl Ether (MTBE)	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
110-82-7	Cyclohexane	<del>1300</del>	<del>E</del>
108-87-2	Methylcyclohexane	10	U
106-93-4	1,2-Dibromoethane	7	J
98-82-8	Isopropylbenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
79-20-9	Methyl acetate	10	U

EPA ASP 2000 - VOLATILES  
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

MW-3D

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: REONY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATERLab Sample ID: A6497418Sample wt/vol: 5.00 (g/mL) MLLab File ID: Q1942.RRLevel: (low/med) LOWDate Samp/Recv: 05/03/2006 05/05/2006

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 05/06/2006GC Column: DB-624 ID: 0.25 (mm)Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

Number TICs found: 0

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

EPA ASP 2000 - VOLATILES  
ANALYSIS DATA SHEET

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Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

MW-4

Lab Code: RECN

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A6497405

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q1919.RR

Level: (low/med) LOW

Date Samp/Recv: 05/02/2006 05/05/2006

% Moisture: not dec. \_\_\_\_\_ Heated Purge: N

Date Analyzed: 05/05/2006

GC Column: DB-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/L Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	<u>UG/L</u>	Q
74-87-3	Chloromethane		10	U
74-83-9	Bromomethane		10	U
75-01-4	Vinyl chloride		10	U
75-00-3	Chloroethane		2	J
75-09-2	Methylene chloride		10	U
67-64-1	Acetone		10	U
75-15-0	Carbon Disulfide		10	U
75-35-4	1,1-Dichloroethene		10	U
75-34-3	1,1-Dichloroethane		10	U
67-66-3	Chloroform		10	U
107-06-2	1,2-Dichloroethane		10	U
78-93-3	2-Butanone		10	U
71-55-6	1,1,1-Trichloroethane		10	U
56-23-5	Carbon Tetrachloride		10	U
75-27-4	Bromodichloromethane		10	U
78-87-5	1,2-Dichloropropane		10	U
10061-01-5	cis-1,3-Dichloropropene		10	U
79-01-6	Trichloroethene		10	U
124-48-1	Dibromochloromethane		10	U
79-00-5	1,1,2-Trichloroethane		10	U
71-43-2	Benzene		10	U
10061-02-6	trans-1,3-Dichloropropene		10	U
75-25-2	Bromoform		10	U
108-10-1	4-Methyl-2-pentanone		10	U
591-78-6	2-Hexanone		10	U
127-18-4	Tetrachloroethene		10	U
108-88-3	Toluene		10	U
79-34-5	1,1,2,2-Tetrachloroethane		10	U
108-90-7	Chlorobenzene		10	U
100-41-4	Ethylbenzene		10	U
100-42-5	Styrene		10	U
1330-20-7	Total Xylenes		10	U
75-71-8	Dichlorodifluoromethane		10	U
75-69-4	Trichlorofluoromethane		10	U

EPA ASP 2000 - VOLATILES  
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

MW-3D DL

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: REONY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A6497418DL

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q1957.RR

Level: (low/med) LOW

Date Samp/Recv: 05/03/2006 05/05/2006

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 05/06/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 200.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

Number TICs found: 0

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

CAS NO.	Compound Name	RT	Est. Conc.	Q

EPA ASP 2000 - VOLATILES  
ANALYSIS DATA SHEET

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Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

MW-4

Lab Code: RECONY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A6497405

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q1919.RR

Level: (low/med) LOW

Date Samp/Recv: 05/02/2006 05/05/2006

% Moisture: not dec. \_\_\_\_\_ Heated Purge: N

Date Analyzed: 05/05/2006

GC Column: DB-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/L
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
110-82-7	Cyclohexane	10	U
108-87-2	Methylcyclohexane	10	U
106-93-4	1,2-Dibromoethane	10	U
98-82-8	Isopropylbenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
79-20-9	Methyl acetate	10	U

EPA ASP 2000 - VOLATILES  
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

MW-4

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNV

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATERLab Sample ID: A6497405Sample wt/vol: 5.00 (g/mL) MLLab File ID: Q1919.RRLevel: (low/med) LOWDate Samp/Recv: 05/02/2006 05/05/2006

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 05/05/2006GC Column: DB-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/L

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	1.43	12	J
2.	UNKNOWN	1.90	10	J

EPA ASP 2000 - VOLATILES  
ANALYSIS DATA SHEET

70/604

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

MW-4D

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A6497404

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q1918.RR

Level: (low/med) LOW

Date Samp/Recv: 05/02/2006 05/05/2006

% Moisture: not dec. \_\_\_\_\_ Heated Purge: N

Date Analyzed: 05/05/2006

GC Column: DB-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/L Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/L	Q
74-87-3	Chloromethane		10	U
74-83-9	Bromomethane		10	U
75-01-4	Vinyl chloride		10	U
75-00-3	Chloroethane		10	U
75-09-2	Methylene chloride		10	U
67-64-1	Acetone		10	U
75-15-0	Carbon Disulfide		10	U
75-35-4	1,1-Dichloroethene		1	J
75-34-3	1,1-Dichloroethane		10	U
67-66-3	Chloroform		10	U
107-06-2	1,2-Dichloroethane		10	U
78-93-3	2-Butanone		10	U
71-55-6	1,1,1-Trichloroethane		10	U
56-23-5	Carbon Tetrachloride		10	U
75-27-4	Bromodichloromethane		10	U
78-87-5	1,2-Dichloropropane		10	U
10061-01-5	cis-1,3-Dichloropropene		10	U
79-01-6	Trichloroethene		10	U
124-48-1	Dibromochloromethane		10	U
79-00-5	1,1,2-Trichloroethane		10	U
71-43-2	Benzene		10	U
10061-02-6	trans-1,3-Dichloropropene		10	U
75-25-2	Bromoform		10	U
108-10-1	4-Methyl-2-pentanone		10	U
591-78-6	2-Hexanone		10	U
127-18-4	Tetrachloroethene		10	U
108-88-3	Toluene		10	U
79-34-5	1,1,2,2-Tetrachloroethane		10	U
108-90-7	Chlorobenzene		10	U
100-41-4	Ethylbenzene		10	U
100-42-5	Styrene		10	U
1330-20-7	Total Xylenes		10	U
75-71-8	Dichlorodifluoromethane		10	U
75-69-4	Trichlorofluoromethane		10	U

EPA ASP 2000 - VOLATILES  
ANALYSIS DATA SHEET

Client No.

MW-4D

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: REONY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATERLab Sample ID: A6497404Sample wt/vol: 5.00 (g/mL) MLLab File ID: Q1918.RRLevel: (low/med) LOWDate Samp/Recv: 05/02/2006 05/05/2006% Moisture: not dec. \_\_\_\_\_ Heated Purge: NDate Analyzed: 05/05/2006GC Column: DB-624 ID: 0.25 (mm)Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

## CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane		10	U
156-60-5-----	trans-1,2-Dichloroethene		10	U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)		10	U
156-59-2-----	cis-1,2-Dichloroethene		10	U
110-82-7-----	Cyclohexane		10	U
108-87-2-----	Methylcyclohexane		10	U
106-93-4-----	1,2-Dibromoethane		10	U
98-82-8-----	Isopropylbenzene		10	U
541-73-1-----	1,3-Dichlorobenzene		10	U
106-46-7-----	1,4-Dichlorobenzene		10	U
95-50-1-----	1,2-Dichlorobenzene		10	U
96-12-8-----	1,2-Dibromo-3-chloropropane		10	U
120-82-1-----	1,2,4-Trichlorobenzene		10	U
79-20-9-----	Methyl acetate		10	U



EPA ASP 2000 - VOLATILES  
TENTATIVELY IDENTIFIED COMPOUNDS

72/604

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

MW-4D

Lab Code: RECONY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A6497404

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q1918.RR

Level: (low/med) LOW

Date Samp/Recv: 05/02/2006 05/05/2006

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 05/05/2006

GC Column: DB-624 ID: 0.25 (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/L

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	1.90	7	J

EPA ASP 2000 - VOLATILES  
ANALYSIS DATA SHEET

Client No.

MW-6

Lab Name: STL Buffalo Contract: \_\_\_\_\_

Lab Code: REONY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER Lab Sample ID: A6497412

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q1936.RR

Level: (low/med) LOW Date Samp/Recv: 05/03/2006 05/05/2006

% Moisture: not dec. \_\_\_\_\_ Heated Purge: N Date Analyzed: 05/06/2006

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

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
74-87-3	Chloromethane		10	U
74-83-9	Bromomethane		10	U
75-01-4	Vinyl chloride		10	U
75-00-3	Chloroethane		10	U
75-09-2	Methylene chloride		10	U
67-64-1	Acetone		10	U
75-15-0	Carbon Disulfide		10	U
75-35-4	1,1-Dichloroethene		10	U
75-34-3	1,1-Dichloroethane		10	U
67-66-3	Chloroform		10	U
107-06-2	1,2-Dichloroethane		10	U
78-93-3	2-Butanone		10	U
71-55-6	1,1,1-Trichloroethane		10	U
56-23-5	Carbon Tetrachloride		10	U
75-27-4	Bromodichloromethane		10	U
78-87-5	1,2-Dichloropropane		10	U
10061-01-5	cis-1,3-Dichloropropene		10	U
79-01-6	Trichloroethene		10	U
124-48-1	Dibromochloromethane		10	U
79-00-5	1,1,2-Trichloroethane		10	U
71-43-2	Benzene		10	U
10061-02-6	trans-1,3-Dichloropropene		10	U
75-25-2	Bromoform		10	U
108-10-1	4-Methyl-2-pentanone		10	U
591-78-6	2-Hexanone		10	U
127-18-4	Tetrachloroethene		10	U
108-88-3	Toluene		10	U
79-34-5	1,1,2,2-Tetrachloroethane		10	U
108-90-7	Chlorobenzene		10	U
100-41-4	Ethylbenzene		10	U
100-42-5	Styrene		10	U
1330-20-7	Total Xylenes		10	U
75-71-8	Dichlorodifluoromethane		10	U
75-69-4	Trichlorofluoromethane		10	U

EPA ASP 2000 - VOLATILES  
ANALYSIS DATA SHEET

74/604

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

MW-6

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A6497412

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q1936.RR

Level: (low/med) LOW

Date Samp/Recv: 05/03/2006 05/05/2006

% Moisture: not dec. \_\_\_\_\_ Heated Purge: N

Date Analyzed: 05/06/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/L	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane		10	U
156-60-5	trans-1,2-Dichloroethene		10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)		10	U
156-59-2	cis-1,2-Dichloroethene		10	U
110-82-7	Cyclohexane		10	U
108-87-2	Methylcyclohexane		10	U
106-93-4	1,2-Dibromoethane		10	U
98-82-8	Isopropylbenzene		10	U
541-73-1	1,3-Dichlorobenzene		10	U
106-46-7	1,4-Dichlorobenzene		10	U
95-50-1	1,2-Dichlorobenzene		10	U
96-12-8	1,2-Dibromo-3-chloropropane		10	U
120-82-1	1,2,4-Trichlorobenzene		10	U
79-20-9	Methyl acetate		10	U

EPA ASP 2000 - VOLATILES  
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

MW-6

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNV

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATERLab Sample ID: A6497412Sample wt/vol: 5.00 (g/mL) MLLab File ID: Q1936.RRLevel: (low/med) LOWDate Samp/Recv: 05/03/2006 05/05/2006

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 05/06/2006GC Column: DB-624 ID: 0.25 (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/L

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	1.43	8	J

EPA ASP 2000 - VOLATILES  
ANALYSIS DATA SHEET

76/604

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

MW-7

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A6497413

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q1937.RR

Level: (low/med) LOW

Date Samp/Recv: 05/03/2006 05/05/2006

% Moisture: not dec. \_\_\_\_\_ Heated Purge: N

Date Analyzed: 05/06/2006

GC Column: DB-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/L Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	<u>UG/L</u>	Q
74-87-3	-----Chloromethane		10	U
74-83-9	-----Bromomethane		10	U
75-01-4	-----Vinyl chloride		10	U
75-00-3	-----Chloroethane		10	U
75-09-2	-----Methylene chloride		10	U
67-64-1	-----Acetone		10	U
75-15-0	-----Carbon Disulfide		10	U
75-35-4	-----1,1-Dichloroethene		10	U
75-34-3	-----1,1-Dichloroethane		10	U
67-66-3	-----Chloroform		10	U
107-06-2	-----1,2-Dichloroethane		10	U
78-93-3	-----2-Butanone		10	U
71-55-6	-----1,1,1-Trichloroethane		10	U
56-23-5	-----Carbon Tetrachloride		10	U
75-27-4	-----Bromodichloromethane		10	U
78-87-5	-----1,2-Dichloropropane		10	U
10061-01-5	-----cis-1,3-Dichloropropene		10	U
79-01-6	-----Trichloroethene		10	U
124-48-1	-----Dibromochloromethane		10	U
79-00-5	-----1,1,2-Trichloroethane		10	U
71-43-2	-----Benzene		10	U
10061-02-6	-----trans-1,3-Dichloropropene		10	U
75-25-2	-----Bromoform		10	U
108-10-1	-----4-Methyl-2-pentanone		10	U
591-78-6	-----2-Hexanone		10	U
127-18-4	-----Tetrachloroethene		10	U
108-88-3	-----Toluene		10	U
79-34-5	-----1,1,2,2-Tetrachloroethane		10	U
108-90-7	-----Chlorobenzene		10	U
100-41-4	-----Ethylbenzene		10	U
100-42-5	-----Styrene		10	U
1330-20-7	-----Total Xylenes		10	U
75-71-8	-----Dichlorodifluoromethane		10	U
75-69-4	-----Trichlorofluoromethane		10	U

EPA ASP 2000 - VOLATILES  
ANALYSIS DATA SHEET

Client No.

MW-7

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A6497413

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q1937.RR

Level: (low/med) LOW

Date Samp/Recv: 05/03/2006 05/05/2006

% Moisture: not dec. \_\_\_\_\_ Heated Purge: N

Date Analyzed: 05/06/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	10		U
156-60-5-----	trans-1,2-Dichloroethene	10		U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	10		U
156-59-2-----	cis-1,2-Dichloroethene	5		J
110-82-7-----	Cyclohexane	10		U
108-87-2-----	Methylcyclohexane	10		U
106-93-4-----	1,2-Dibromoethane	10		U
98-82-8-----	Isopropylbenzene	10		U
541-73-1-----	1,3-Dichlorobenzene	10		U
106-46-7-----	1,4-Dichlorobenzene	10		U
95-50-1-----	1,2-Dichlorobenzene	10		U
96-12-8-----	1,2-Dibromo-3-chloropropane	10		U
120-82-1-----	1,2,4-Trichlorobenzene	10		U
79-20-9-----	Methyl acetate	10		U

EPA ASP 2000 - VOLATILES  
TENTATIVELY IDENTIFIED COMPOUNDS

78/604

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

MW-7

Lab Code: RECN Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A6497413

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q1937.RR

Level: (low/med) LOW

Date Samp/Recv: 05/03/2006 05/05/2006

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 05/06/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

Number TICs found: 0

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

CAS NO.	Compound Name	RT	Est. Conc.	Q

EPA ASP 2000 - VOLATILES  
ANALYSIS DATA SHEET

Client No.

MW-8

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A6497408

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q1932.RR

Level: (low/med) LOW

Date Samp/Recv: 05/03/2006 05/05/2006

% Moisture: not dec. \_\_\_\_\_ Heated Purge: N

Date Analyzed: 05/05/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO.            COMPOUND            (ug/L or ug/Kg)    UG/L            Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
74-87-3	Chloromethane		10	U
74-83-9	Bromomethane		10	U
75-01-4	Vinyl chloride		10	U
75-00-3	Chloroethane		10	U
75-09-2	Methylene chloride		10	U
67-64-1	Acetone		10	U
75-15-0	Carbon Disulfide		10	U
75-35-4	1,1-Dichloroethene		10	U
75-34-3	1,1-Dichloroethane		10	U
67-66-3	Chloroform		10	U
107-06-2	1,2-Dichloroethane		10	U
78-93-3	2-Butanone		10	U
71-55-6	1,1,1-Trichloroethane		10	U
56-23-5	Carbon Tetrachloride		10	U
75-27-4	Bromodichloromethane		10	U
78-87-5	1,2-Dichloropropane		10	U
10061-01-5	cis-1,3-Dichloropropene		10	U
79-01-6	Trichloroethene		10	U
124-48-1	Dibromochloromethane		10	U
79-00-5	1,1,2-Trichloroethane		10	U
71-43-2	Benzene		10	U
10061-02-6	trans-1,3-Dichloropropene		10	U
75-25-2	Bromoform		10	U
108-10-1	4-Methyl-2-pentanone		10	U
591-78-6	2-Hexanone		10	U
127-18-4	Tetrachloroethene		10	U
108-88-3	Toluene		10	U
79-34-5	1,1,2,2-Tetrachloroethane		10	U
108-90-7	Chlorobenzene		10	U
100-41-4	Ethylbenzene		10	U
100-42-5	Styrene		10	U
1330-20-7	Total Xylenes		10	U
75-71-8	Dichlorodifluoromethane		10	U
75-69-4	Trichlorofluoromethane		10	U



EPA ASP 2000 - VOLATILES  
ANALYSIS DATA SHEET

80/604

Client No.

Lab Name: STL Buffalo Contract: \_\_\_\_\_

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER Lab Sample ID: A6497408

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q1932.RR

Level: (low/med) LOW Date Samp/Recv: 05/03/2006 05/05/2006

% Moisture: not dec. \_\_\_\_\_ Heated Purge: N Date Analyzed: 05/05/2006

GC Column: DB-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/L
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
110-82-7	Cyclohexane	10	U
108-87-2	Methylcyclohexane	10	U
106-93-4	1,2-Dibromoethane	10	U
98-82-8	Isopropylbenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
79-20-9	Methyl acetate	10	U

EPA ASP 2000 - VOLATILES  
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

MW-8

Lab Name: STL Buffalo Contract: \_\_\_\_\_

Lab Code: REONY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER Lab Sample ID: A6497408

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q1932.RR

Level: (low/med) LOW Date Samp/Recv: 05/03/2006 05/05/2006

% Moisture: not dec. \_\_\_\_\_ Date Analyzed: 05/05/2006

GC Column: DB-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/L

Number TICs found: 0

CAS NO.	Compound Name	RT	Est. Conc.	Q

EPA ASP 2000 - VOLATILES  
ANALYSIS DATA SHEET

82/604

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

MW-9D

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A6497403

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q1917.RR

Level: (low/med) LOW

Date Samp/Recv: 05/02/2006 05/05/2006

% Moisture: not dec. \_\_\_\_\_ Heated Purge: N

Date Analyzed: 05/05/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 2.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	<u>UG/L</u>	<u>Q</u>
74-87-3	-----Chloromethane		20	U
74-83-9	-----Bromomethane		20	U
75-01-4	-----Vinyl chloride		20	U
75-00-3	-----Chloroethane		6	J ✓
75-09-2	-----Methylene chloride		20	U
67-64-1	-----Acetone		20	U
75-15-0	-----Carbon Disulfide		20	U
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		20	U
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		20	U
124-48-1	-----Dibromochloromethane		20	U
79-00-5	-----1,1,2-Trichloroethane		20	U
71-43-2	-----Benzene		20	U
10061-02-6	-----trans-1,3-Dichloropropene		20	U
75-25-2	-----Bromoform		20	U
108-10-1	-----4-Methyl-2-pentanone		20	U
591-78-6	-----2-Hexanone		20	U
127-18-4	-----Tetrachloroethene		20	U
108-88-3	-----Toluene		20	U
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		20	U
75-71-8	-----Dichlorodifluoromethane		20	U
75-69-4	-----Trichlorofluoromethane		20	U

EPA ASP 2000 - VOLATILES  
ANALYSIS DATA SHEET

Client No.

MW-9D

Lab Name: STL Buffalo Contract: \_\_\_\_\_

Lab Code: REONY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A6497403

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q1917.RR

Level: (low/med) LOW

Date Samp/Recv: 05/02/2006 05/05/2006

% Moisture: not dec. \_\_\_\_\_ Heated Purge: N

Date Analyzed: 05/05/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 2.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane		20	U
156-60-5	trans-1,2-Dichloroethene		20	U
1634-04-4	Methyl-t-Butyl Ether (MIBE)		20	U
156-59-2	cis-1,2-Dichloroethene		9	J
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
79-20-9	Methyl acetate		20	U

EPA ASP 2000 - VOLATILES  
TENTATIVELY IDENTIFIED COMPOUNDS

84/604

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

MW-9D

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A6497403

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q1917.RR

Level: (low/med) LOW

Date Samp/Recv: 05/02/2006 05/05/2006

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 05/05/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 2.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

Number TICs found: 1

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

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 000420-56-4	SILANE, FLUOROTRIMETHYL-	1.90	11	JN

EPA ASP 2000 - VOLATILES  
ANALYSIS DATA SHEET

Client No.

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Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECONY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A6497420

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q1915.RR

Level: (low/med) LOW

Date Samp/Recv: 05/04/2006 05/05/2006

% Moisture: not dec. \_\_\_\_\_ Heated Purge: N

Date Analyzed: 05/05/2006

GC Column: DB-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/L

Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
74-87-3	Chloromethane		10	U
74-83-9	Bromomethane		10	U
75-01-4	Vinyl chloride		10	U
75-00-3	Chloroethane		10	U
75-09-2	Methylene chloride		10	U
67-64-1	Acetone		10	U
75-15-0	Carbon Disulfide		10	U
75-35-4	1,1-Dichloroethene		10	U
75-34-3	1,1-Dichloroethane		10	U
67-66-3	Chloroform		10	U
107-06-2	1,2-Dichloroethane		10	U
78-93-3	2-Butanone		10	U
71-55-6	1,1,1-Trichloroethane		10	U
56-23-5	Carbon Tetrachloride		10	U
75-27-4	Bromodichloromethane		10	U
78-87-5	1,2-Dichloropropane		10	U
10061-01-5	cis-1,3-Dichloropropene		10	U
79-01-6	Trichloroethene		10	U
124-48-1	Dibromochloromethane		10	U
79-00-5	1,1,2-Trichloroethane		10	U
71-43-2	Benzene		10	U
10061-02-6	trans-1,3-Dichloropropene		10	U
75-25-2	Bromoform		10	U
108-10-1	4-Methyl-2-pentanone		10	U
591-78-6	2-Hexanone		10	U
127-18-4	Tetrachloroethene		10	U
108-88-3	Toluene		10	U
79-34-5	1,1,2,2-Tetrachloroethane		10	U
108-90-7	Chlorobenzene		10	U
100-41-4	Ethylbenzene		10	U
100-42-5	Styrene		10	U
1330-20-7	Total Xylenes		10	U
75-71-8	Dichlorodifluoromethane		10	U
75-69-4	Trichlorofluoromethane		10	U

EPA ASP 2000 - VOLATILES  
ANALYSIS DATA SHEET

86/604

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

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Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A6497420

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q1915.RR

Level: (low/med) LOW

Date Samp/Recv: 05/04/2006 05/05/2006

% Moisture: not dec. \_\_\_\_\_ Heated Purge: N

Date Analyzed: 05/05/2006

GC Column: DB-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/L Q
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
110-82-7	Cyclohexane	10	U
108-87-2	Methylcyclohexane	10	U
106-93-4	1,2-Dibromoethane	10	U
98-82-8	Isopropylbenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
79-20-9	Methyl acetate	10	U

EPA ASP 2000 - VOLATILES  
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

TRIP BLANK

Lab Name: STL Buffalo Contract: \_\_\_\_\_

Lab Code: RECN Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER Lab Sample ID: A6497420

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q1915.RR

Level: (low/med) LOW Date Samp/Recv: 05/04/2006 05/05/2006

% Moisture: not dec. \_\_\_\_\_ Date Analyzed: 05/05/2006

GC Column: DB-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/L

Number TICs found: 0

CAS NO.	Compound Name	RT	Est. Conc.	Q



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

12/294

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

DAW-4-13.5-14.5

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6448701

Sample wt/vol: 5.00 (g/mL) G

Lab File ID: Q1884.RR

Level: (low/med) LOW

Date Samp/Recv: 04/20/2006 04/26/2006

% Moisture: not dec. 15 Heated Purge: Y

Date Analyzed: 05/04/2006

GC Column: DB-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
74-83-9	Bromomethane		12	U
75-01-4	Vinyl chloride		12	U
75-00-3	Chloroethane		12	U
75-09-2	Methylene chloride		12	U
67-64-1	Acetone	<del>12</del>	8	J
75-15-0	Carbon Disulfide		12	U
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		12	U
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		12	U
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		12	U
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		2	J

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

Client No.

DAW-4-13.5-14.5

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6448701

Sample wt/vol: 5.00 (g/mL) G

Lab File ID: Q1884.RR

Level: (low/med) LOW

Date Samp/Recv: 04/20/2006 04/26/2006

% Moisture: not dec. 15 Heated Purge: Y

Date Analyzed: 05/04/2006

GC Column: DB-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

Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	2		J
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

14/294

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

DAW-4-13.5-14.5

Lab Code: RECNV

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6448701

Sample wt/vol: 5.00 (g/mL) G

Lab File ID: Q1884.RR

Level: (low/med) LOW

Date Samp/Recv: 04/20/2006 04/26/2006

% Moisture: not dec. 14.8

Date Analyzed: 05/04/2006

GC Column: DB-624 ID: 0.25 (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	3.77	11	JN

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

Client No.

DAW-4-16-18

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6448703

Sample wt/vol: 5.01 (g/mL) G

Lab File ID: Q1881.RR

Level: (low/med) LOW

Date Samp/Recv: 04/24/2006 04/26/2006

% Moisture: not dec. 9 Heated Purge: Y

Date Analyzed: 05/04/2006

GC Column: DB-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

Q

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

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

16/294

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

DAW-4-16-18

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6448703

Sample wt/vol: 5.01 (g/mL) G

Lab File ID: Q1881.RR

Level: (low/med) LOW

Date Samp/Recv: 04/24/2006 04/26/2006

% Moisture: not dec. 9 Heated Purge: Y

Date Analyzed: 05/04/2006

GC Column: DB-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	11	U
75-71-8-----	Dichlorodifluoromethane	11	U
75-69-4-----	Trichlorofluoromethane	11	U
79-20-9-----	Methyl acetate	11	U
1634-04-4----	Methyl-t-Butyl Ether (MTBE)	11	U
110-82-7-----	Cyclohexane	11	U
108-87-2-----	Methylcyclohexane	11	U
106-93-4-----	1,2-Dibromoethane	11	U
98-82-8-----	Isopropylbenzene	11	U
541-73-1-----	1,3-Dichlorobenzene	11	U
106-46-7-----	1,4-Dichlorobenzene	11	U
95-50-1-----	1,2-Dichlorobenzene	11	U
96-12-8-----	1,2-Dibromo-3-chloropropane	11	U
120-82-1-----	1,2,4-Trichlorobenzene	11	U

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

Client No.

DAW-4-16-18

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOILLab Sample ID: A6448703Sample wt/vol: 5.01 (g/mL) GLab File ID: Q1881.RRLevel: (low/med) LOWDate Samp/Recv: 04/24/2006 04/26/2006% Moisture: not dec. 9.5Date Analyzed: 05/04/2006GC Column: DB-624 ID: 0.25 (mm)Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

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

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	1.44	19	J

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

DAW-4-22-24

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6448705

Sample wt/vol: 5.00 (g/mL) G

Lab File ID: Q1883.RR

Level: (low/med) LOW

Date Samp/Recv: 04/24/2006 04/26/2006

% Moisture: not dec. 11 Heated Purge: Y

Date Analyzed: 05/04/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

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

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

Client No.

DAW-4-22-24

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNV

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6448705

Sample wt/vol: 5.00 (g/mL) G

Lab File ID: Q1883.RR

Level: (low/med) LOW

Date Samp/Recv: 04/24/2006 04/26/2006

% Moisture: not dec. 11 Heated Purge: Y

Date Analyzed: 05/04/2006

GC Column: DB-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

Q

CAS NO.	COMPOUND	UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	11	U
75-71-8	Dichlorodifluoromethane	11	U
75-69-4	Trichlorofluoromethane	11	U
79-20-9	Methyl acetate	11	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	11	U
110-82-7	Cyclohexane	11	U
108-87-2	Methylcyclohexane	11	U
106-93-4	1,2-Dibromoethane	11	U
98-82-8	Isopropylbenzene	11	U
541-73-1	1,3-Dichlorobenzene	11	U
106-46-7	1,4-Dichlorobenzene	11	U
95-50-1	1,2-Dichlorobenzene	11	U
96-12-8	1,2-Dibromo-3-chloropropane	11	U
120-82-1	1,2,4-Trichlorobenzene	11	U



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

20/294

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

DAW-4-22-24

Lab Code: REONY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6448705

Sample wt/vol: 5.00 (g/mL) G

Lab File ID: Q1883.RR

Level: (low/med) LOW

Date Samp/Recv: 04/24/2006 04/26/2006

% Moisture: not dec. 10.6

Date Analyzed: 05/04/2006

GC Column: DB-624 ID: 0.25 (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.	UNKNOWN	1.43	10	J

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

Client No.

MW-13D-14-16

Lab Name: STL Buffalo Contract: \_\_\_\_\_

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6448702

Sample wt/vol: 5.00 (g/mL) G

Lab File ID: Q1885.RR

Level: (low/med) LOW

Date Samp/Recv: 04/24/2006 04/26/2006

% Moisture: not dec. 55 Heated Purge: Y

Date Analyzed: 05/04/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

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

CAS NO.	COMPOUND	UG/KG	Q
74-87-3	Chloromethane	22	U
74-83-9	Bromomethane	22	U
75-01-4	Vinyl chloride	21	J
75-00-3	Chloroethane	22	U
75-09-2	Methylene chloride	22	U
67-64-1	Acetone	22	U
75-15-0	Carbon Disulfide	22	U
75-35-4	1,1-Dichloroethene	22	U
75-34-3	1,1-Dichloroethane	22	U
67-66-3	Chloroform	22	U
107-06-2	1,2-Dichloroethane	22	U
78-93-3	2-Butanone	22	U
71-55-6	1,1,1-Trichloroethane	22	U
56-23-5	Carbon Tetrachloride	22	U
75-27-4	Bromodichloromethane	22	U
78-87-5	1,2-Dichloropropane	22	U
10061-01-5	cis-1,3-Dichloropropene	22	U
79-01-6	Trichloroethene	25	
124-48-1	Dibromochloromethane	22	U
79-00-5	1,1,2-Trichloroethane	22	U
71-43-2	Benzene	22	U
10061-02-6	trans-1,3-Dichloropropene	22	U
75-25-2	Bromoform	22	U
108-10-1	4-Methyl-2-pentanone	22	U
591-78-6	2-Hexanone	22	U
127-18-4	Tetrachloroethene	28	
108-88-3	Toluene	22	U
79-34-5	1,1,2,2-Tetrachloroethane	22	U
108-90-7	Chlorobenzene	22	U
100-41-4	Ethylbenzene	22	U
100-42-5	Styrene	22	U
1330-20-7	Total Xylenes	22	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	22	
156-59-2	cis-1,2-Dichloroethene	59	

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

22/294

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

MW-13D-14-16

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOIL

Lab Sample ID: A6448702

Sample wt/vol: 5.00 (g/mL) G

Lab File ID: Q1885.RR

Level: (low/med) LOW

Date Samp/Recv: 04/24/2006 04/26/2006

% Moisture: not dec. 55 Heated Purge: Y

Date Analyzed: 05/04/2006

GC Column: DB-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
156-60-5	trans-1,2-Dichloroethene		
75-71-8	Dichlorodifluoromethane	16	J
75-69-4	Trichlorofluoromethane	22	U
79-20-9	Methyl acetate	22	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	22	U
110-82-7	Cyclohexane	22	U
108-87-2	Methylcyclohexane	22	U
106-93-4	1,2-Dibromoethane	22	U
98-82-8	Isopropylbenzene	22	U
541-73-1	1,3-Dichlorobenzene	22	U
106-46-7	1,4-Dichlorobenzene	22	U
95-50-1	1,2-Dichlorobenzene	22	U
96-12-8	1,2-Dibromo-3-chloropropane	22	U
120-82-1	1,2,4-Trichlorobenzene	22	U

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

Client No.

MW-13D-14-16

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) SOILLab Sample ID: A6448702Sample wt/vol: 5.00 (g/mL) GLab File ID: Q1885.RRLevel: (low/med) LOWDate Samp/Recv: 04/24/2006 04/26/2006% Moisture: not dec. 54.6Date Analyzed: 05/04/2006GC Column: DB-624 ID: 0.25 (mm)Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

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

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	3.78	20	J

EPA ASP 2000 - VOLATILES  
ANALYSIS DATA SHEET

24/294

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

TRIP BLANK

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A6448706

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q1845.RR

Level: (low/med) LOW

Date Samp/Recv: 04/20/2006 04/26/2006

% Moisture: not dec. \_\_\_\_\_ Heated Purge: N

Date Analyzed: 05/03/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/L	
74-87-3	-----Chloromethane		10	U
74-83-9	-----Bromomethane		10	U
75-01-4	-----Vinyl chloride		10	U
75-00-3	-----Chloroethane		10	U
75-09-2	-----Methylene chloride		10	U
67-64-1	-----Acetone		10	U
75-15-0	-----Carbon Disulfide		10	U
75-35-4	-----1,1-Dichloroethene		10	U
75-34-3	-----1,1-Dichloroethane		10	U
67-66-3	-----Chloroform		10	U
107-06-2	-----1,2-Dichloroethane		10	U
78-93-3	-----2-Butanone		10	U
71-55-6	-----1,1,1-Trichloroethane		10	U
56-23-5	-----Carbon Tetrachloride		10	U
75-27-4	-----Bromodichloromethane		10	U
78-87-5	-----1,2-Dichloropropane		10	U
10061-01-5	----cis-1,3-Dichloropropene		10	U
79-01-6	-----Trichloroethene		10	U
124-48-1	-----Dibromochloromethane		10	U
79-00-5	-----1,1,2-Trichloroethane		10	U
71-43-2	-----Benzene		10	U
10061-02-6	----trans-1,3-Dichloropropene		10	U
75-25-2	-----Bromofom		10	U
108-10-1	-----4-Methyl-2-pentanone		10	U
591-78-6	-----2-Hexanone		10	U
127-18-4	-----Tetrachloroethene		10	U
108-88-3	-----Toluene		10	U
79-34-5	-----1,1,2,2-Tetrachloroethane		10	U
108-90-7	-----Chlorobenzene		10	U
100-41-4	-----Ethylbenzene		10	U
100-42-5	-----Styrene		10	U
1330-20-7	-----Total Xylenes		10	U
75-71-8	-----Dichlorodifluoromethane		10	U
75-69-4	-----Trichlorofluoromethane		10	U

EPA ASP 2000 - VOLATILES  
ANALYSIS DATA SHEET

Client No.

TRIP BLANK

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECNV

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A6448706

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q1845.RR

Level: (low/med) LOW

Date Samp/Recv: 04/20/2006 04/26/2006

% Moisture: not dec. \_\_\_\_\_ Heated Purge: N

Date Analyzed: 05/03/2006

GC Column: DB-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/L

Q

CAS NO.	COMPOUND	UG/L	Q
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
156-60-5-----	trans-1,2-Dichloroethene	10	U
1634-04-4-----	Methyl-t-Butyl Ether (MIBE)	10	U
156-59-2-----	cis-1,2-Dichloroethene	10	U
110-82-7-----	Cyclohexane	10	U
108-87-2-----	Methylcyclohexane	10	U
106-93-4-----	1,2-Dibromoethane	10	U
98-82-8-----	Isopropylbenzene	10	U
541-73-1-----	1,3-Dichlorobenzene	10	U
106-46-7-----	1,4-Dichlorobenzene	10	U
95-50-1-----	1,2-Dichlorobenzene	10	U
96-12-8-----	1,2-Dibromo-3-chloropropane	10	U
120-82-1-----	1,2,4-Trichlorobenzene	10	U
79-20-9-----	Methyl acetate	10	U

EPA ASP 2000 - VOLATILES  
TENTATIVELY IDENTIFIED COMPOUNDS

26/294

Client No.

Lab Name: SIL Buffalo

Contract: \_\_\_\_\_

TRIP BLANK

Lab Code: RECN Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A6448706

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q1845.RR

Level: (low/med) LOW

Date Samp/Recv: 04/20/2006 04/26/2006

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 05/03/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

Number TICs found: 0

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

CAS NO.	Compound Name	RT	Est. Conc.	Q

EPA ASP 2000 - VOLATILES  
WATER SURROGATE RECOVERY

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

Lab Code: RECN

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

	Client Sample ID	Lab Sample ID	BFB		DCE		TOL							TOT OUT
			%REC	#	%REC	#	%REC	#						
1	MSB43	A6B1828001	98		100		101							0
2	MSB46	A6B1832303	95		94		96							0
3	TRIP BLANK	A6448706	97		102		100							0
4	VBLK43	A6B1828002	99		100		100							0
5	VBLK46	A6B1832304	95		93		96							0
6	VHB	A6448707	96		95		98							0

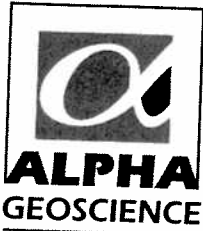
QC LIMITS

BFB = p-Bromofluorobenzene  
DCE = 1,2-Dichloroethane-D4  
TOL = Toluene-D8

( 86-115)  
( 76-114)  
( 88-110)

# Column to be used to flag recovery values  
\* Values outside of contract required QC limits  
D Surrogates diluted out





Geology

Hydrology

Remediation

Water Supply

**Data Usability Summary Report for  
STL Buffalo, Job No. A07-9508**

**8 Ground Water Samples, 1 MS/MSD,  
1 Equipment Blank, and 1 Trip Blank  
Collected August 24, 2007**

Prepared by: Donald Anné  
October 8, 2007

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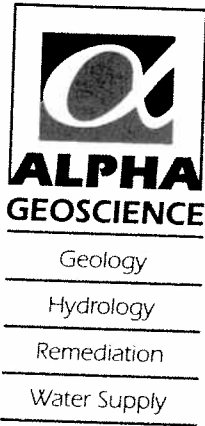
The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contains the results for 8 ground water samples, 1 MS/MSD, 1 equipment blank, and 1 trip blank analyzed 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:

- Positive volatile results for methylene chloride were flagged as “not detected” (U) in samples MW-10D and MW-13D because the levels reported in the samples were not significantly greater (more than 10 times) than the associated holding blank level.
- The volatile result for vinyl chloride in sample MW-13D was quantitated using data that was extrapolated beyond the highest calibration standard and flagged “E” by the laboratory. The result for vinyl chloride was qualified as estimated (J) in the undiluted samples. It is recommended that the diluted result be used for vinyl chloride.

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.



**QA/QC Review of Volatiles Data  
for STL Buffalo, Job No. A07-9508**

**8 Ground Water Samples, 1 MS/MSD,  
1 Equipment Blank, and 1 Trip Blank  
Collected August 24, 2007**

Prepared by: Donald Anné  
October 8, 2007

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**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 (0.199 and 0.156) were below the ASP minimum (0.200) and the %RSD for 1,2,4-trichlorobenzene (31.6%) was above the ASP maximum (20.5%) for HP5973Q on 08-28-07. 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 1,2,4-trichlorobenzene (31.6%) was above the allowable maximum (30%) for HP5973Q on 08-28-07. Positive results for 1,2,4-trichlorobenzene 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 acetone (29.1%), 2-butanone (61.1%), and 2-hexanone (25.8%) were above the allowable maximum (25%) on 08-29-07 (Q3333.RR). Positive results for these compounds should be considered estimated (J) in associated samples.

**Blanks:** The analyses of trip and equipment blanks reported target compounds as not detected. Method blank VBLK63 contained a trace of bromomethane (2 ug/L).

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. Results for bromomethane that are less than five times the method 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 samples MW-2 and MW-13D.

Matrix Spike Blank: The percent recoveries were within QC limits for samples VBLK63 and 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.

The result for vinyl chloride in sample MW-13D 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 vinyl chloride that is flagged as 'E' in the undiluted sample should be considered estimated (J) and the use of the diluted result for vinyl chloride is recommended. It is recommended that the undiluted results be used for all other compounds.

## SAMPLE SUMMARY

<u>LAB SAMPLE ID</u>	<u>CLIENT SAMPLE ID</u>	<u>MATRIX</u>	<u>SAMPLED</u>		<u>RECEIVED</u>	
			<u>DATE</u>	<u>TIME</u>	<u>DATE</u>	<u>TIME</u>
A7950805	EQUIPMENT BLANK	WATER	08/23/2007	11:35	08/24/2007	09:00
A7950803	MW-10D	WATER	08/23/2007	13:15	08/24/2007	09:00
A7950801	MW-12D	WATER	08/23/2007	11:11	08/24/2007	09:00
A7950802	MW-13D	WATER	08/23/2007	12:40	08/24/2007	09:00
A7950807	MW-2	WATER	08/23/2007	16:25	08/24/2007	09:00
A7950806	MW-2D	WATER	08/23/2007	15:20	08/24/2007	09:00
A7950806MS	MW-2D	WATER	08/23/2007	15:20	08/24/2007	09:00
A7950806SD	MW-2D	WATER	08/23/2007	15:20	08/24/2007	09:00
A7950808	MW-7	WATER	08/23/2007	16:50	08/24/2007	09:00
A7950809	MW-8	WATER	08/23/2007	17:10	08/24/2007	09:00
A7950804	MW-9D	WATER	08/23/2007	14:20	08/24/2007	09:00
A7950810	TRIP BLANK	WATER	08/23/2007		08/24/2007	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.

EPA ASP 2000 - VOLATILES  
ANALYSIS DATA SHEET

13/329

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

EQUIPMENT BLANK

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A7950805

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q3326.RR

Level: (low/med) LOW

Date Samp/Recv: 08/23/2007 08/24/2007

% Moisture: not dec. \_\_\_\_\_ Heated Purge: N

Date Analyzed: 08/28/2007

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/L	Q
74-87-3	Chloromethane		10	U
74-83-9	Bromomethane		10	U
75-01-4	Vinyl chloride		10	U
75-00-3	Chloroethane		10	U
75-09-2	Methylene chloride		10	U
67-64-1	Acetone		10	U
75-15-0	Carbon Disulfide		10	U
75-35-4	1,1-Dichloroethene		10	U
75-34-3	1,1-Dichloroethane		10	U
67-66-3	Chloroform		10	U
107-06-2	1,2-Dichloroethane		10	U
78-93-3	2-Butanone		10	U
71-55-6	1,1,1-Trichloroethane		10	U
56-23-5	Carbon Tetrachloride		10	U
75-27-4	Bromodichloromethane		10	U
78-87-5	1,2-Dichloropropane		10	U
10061-01-5	cis-1,3-Dichloropropene		10	U
79-01-6	Trichloroethene		10	U
124-48-1	Dibromochloromethane		10	U
79-00-5	1,1,2-Trichloroethane		10	U
71-43-2	Benzene		10	U
10061-02-6	trans-1,3-Dichloropropene		10	U
75-25-2	Bromoform		10	U
108-10-1	4-Methyl-2-pentanone		10	U
591-78-6	2-Hexanone		10	U
127-18-4	Tetrachloroethene		10	U
108-88-3	Toluene		10	U
79-34-5	1,1,2,2-Tetrachloroethane		10	U
108-90-7	Chlorobenzene		10	U
100-41-4	Ethylbenzene		10	U
100-42-5	Styrene		10	U
1330-20-7	Total Xylenes		10	U
75-71-8	Dichlorodifluoromethane		10	U
75-69-4	Trichlorofluoromethane		10	U

EPA ASP 2000 - VOLATILES  
ANALYSIS DATA SHEET

14/329

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

EQUIPMENT BLANK

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A7950805

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q3326.RR

Level: (low/med) LOW

Date Samp/Recv: 08/23/2007 08/24/2007

% Moisture: not dec. \_\_\_\_\_ Heated Purge: N

Date Analyzed: 08/28/2007

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/L
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
110-82-7	Cyclohexane	10	U
108-87-2	Methylcyclohexane	10	U
106-93-4	1,2-Dibromoethane	10	U
98-82-8	Isopropylbenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
79-20-9	Methyl acetate	10	U

EPA ASP 2000 - VOLATILES  
TENTATIVELY IDENTIFIED COMPOUNDS

15/329

Client No.

Lab Name: SIL Buffalo

Contract: \_\_\_\_\_

EQUIPMENT BLANK

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A7950805

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q3326.RR

Level: (low/med) LOW

Date Samp/Recv: 08/23/2007 08/24/2007

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 08/28/2007

GC Column: ZB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

Number TICs found: 0

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

CAS NO.	Compound Name	RT	Est. Conc.	Q

EPA ASP 2000 - VOLATILES  
ANALYSIS DATA SHEET

16/329

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

MW-10D

Lab Code: RECNV

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A7950803

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q3338.RR

Level: (low/med) LOW

Date Samp/Recv: 08/23/2007 08/24/2007

% Moisture: not dec. \_\_\_\_\_ Heated Purge: N

Date Analyzed: 08/29/2007

GC Column: ZB-624 ID: 0.25 (mm)

Dilution Factor: 2.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/L	
74-87-3	Chloromethane		20	U
74-83-9	Bromomethane		20	U
75-01-4	Vinyl chloride		78	U
75-00-3	Chloroethane		20	U
75-09-2	Methylene chloride		2	U
67-64-1	Acetone		20	U
75-15-0	Carbon Disulfide		20	U
75-35-4	1,1-Dichloroethene		28	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		20	U
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		20	U
124-48-1	Dibromochloromethane		20	U
79-00-5	1,1,2-Trichloroethane		20	U
71-43-2	Benzene		20	U
10061-02-6	trans-1,3-Dichloropropene		20	U
75-25-2	Bromoform		20	U
108-10-1	4-Methyl-2-pentanone		20	U
591-78-6	2-Hexanone		20	U
127-18-4	Tetrachloroethene		20	U
108-88-3	Toluene		20	U
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		20	U
75-71-8	Dichlorodifluoromethane		20	U
75-69-4	Trichlorofluoromethane		20	U



EPA ASP 2000 - VOLATILES  
ANALYSIS DATA SHEET

17/329

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

MW-10D

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A7950803

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q3338.RR

Level: (low/med) LOW

Date Samp/Recv: 08/23/2007 08/24/2007

% Moisture: not dec. \_\_\_\_\_ Heated Purge: N

Date Analyzed: 08/29/2007

GC Column: ZB-624 ID: 0.25 (mm)

Dilution Factor: 2.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/L	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane		20	U
156-60-5	trans-1,2-Dichloroethene		25	
1634-04-4	Methyl-t-Butyl Ether (MTBE)		20	U
156-59-2	cis-1,2-Dichloroethene		220	
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
79-20-9	Methyl acetate		20	U

EPA ASP 2000 - VOLATILES  
TENTATIVELY IDENTIFIED COMPOUNDS

18/329

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

MW-10D

Lab Code: RECN Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A7950803

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q3338.RR

Level: (low/med) LOW

Date Samp/Recv: 08/23/2007 08/24/2007

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 08/29/2007

GC Column: ZB-624 ID: 0.25 (mm)

Dilution Factor: 2.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

Number TICs found: 0

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

CAS NO.	Compound Name	RT	Est. Conc.	Q

EPA ASP 2000 - VOLATILES  
ANALYSIS DATA SHEET

19/329

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

MW-12D

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A7950801

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q3322.RR

Level: (low/med) LOW

Date Samp/Recv: 08/23/2007 08/24/2007

% Moisture: not dec. \_\_\_\_\_ Heated Purge: N

Date Analyzed: 08/28/2007

GC Column: ZB-624 ID: 0.25 (mm)

Dilution Factor: 50.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/L
74-87-3	Chloromethane	500	U
74-83-9	Bromomethane	500	U
75-01-4	Vinyl chloride	500	U
75-00-3	Chloroethane	500	U
75-09-2	Methylene chloride	500	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	2100	
75-35-4	1,1-Dichloroethene	500	U
75-34-3	1,1-Dichloroethane	500	U
67-66-3	Chloroform	500	U
107-06-2	1,2-Dichloroethane	500	U
78-93-3	2-Butanone	500	U
71-55-6	1,1,1-Trichloroethane	920	
56-23-5	Carbon Tetrachloride	500	U
75-27-4	Bromodichloromethane	500	U
78-87-5	1,2-Dichloropropane	500	U
10061-01-5	cis-1,3-Dichloropropene	500	U
79-01-6	Trichloroethene	500	U
124-48-1	Dibromochloromethane	500	U
79-00-5	1,1,2-Trichloroethane	500	U
71-43-2	Benzene	500	U
10061-02-6	trans-1,3-Dichloropropene	500	U
75-25-2	Bromoform	500	U
108-10-1	4-Methyl-2-pentanone	500	U
591-78-6	2-Hexanone	500	U
127-18-4	Tetrachloroethene	500	U
108-88-3	Toluene	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U
108-90-7	Chlorobenzene	500	U
100-41-4	Ethylbenzene	500	U
100-42-5	Styrene	500	U
1330-20-7	Total Xylenes	500	U
75-71-8	Dichlorodifluoromethane	500	U
75-69-4	Trichlorofluoromethane	500	U

EPA ASP 2000 - VOLATILES  
ANALYSIS DATA SHEET

20/329

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

MW-12D

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A7950801

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q3322.RR

Level: (low/med) LOW

Date Samp/Recv: 08/23/2007 08/24/2007

% Moisture: not dec. \_\_\_\_\_ Heated Purge: N

Date Analyzed: 08/28/2007

GC Column: ZB-624 ID: 0.25 (mm)

Dilution Factor: 50.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/L	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane		500	U
156-60-5	trans-1,2-Dichloroethene		500	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)		500	U
156-59-2	cis-1,2-Dichloroethene		61	J
110-82-7	Cyclohexane		500	U
108-87-2	Methylcyclohexane		500	U
106-93-4	1,2-Dibromoethane		500	U
98-82-8	Isopropylbenzene		500	U
541-73-1	1,3-Dichlorobenzene		500	U
106-46-7	1,4-Dichlorobenzene		500	U
95-50-1	1,2-Dichlorobenzene		500	U
96-12-8	1,2-Dibromo-3-chloropropane		500	U
120-82-1	1,2,4-Trichlorobenzene		500	U
79-20-9	Methyl acetate		500	U

EPA ASP 2000 - VOLATILES  
TENTATIVELY IDENTIFIED COMPOUNDS

21/329

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

MW-12D

Lab Code: RECN Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A7950801

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q3322.RR

Level: (low/med) LOW

Date Samp/Recv: 08/23/2007 08/24/2007

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 08/28/2007

GC Column: ZB-624 ID: 0.25 (mm)

Dilution Factor: 50.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

Number TICs found: 0

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

CAS NO.	Compound Name	RT	Est. Conc.	Q

EPA ASP 2000 - VOLATILES  
ANALYSIS DATA SHEET

22/329

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

MW-13D

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A7950802

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q3323.RR

Level: (low/med) LOW

Date Samp/Recv: 08/23/2007 08/24/2007

% Moisture: not dec. \_\_\_\_\_ Heated Purge: N

Date Analyzed: 08/28/2007

GC Column: ZB-624 ID: 0.25 (mm)

Dilution Factor: 10.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/L	
74-87-3	-----Chloromethane		100	U
74-83-9	-----Bromomethane		100	U
75-01-4	-----Vinyl chloride		13000	E J
75-00-3	-----Chloroethane		100	U
75-09-2	-----Methylene chloride		14	J U
67-64-1	-----Acetone		22	J U
75-15-0	-----Carbon Disulfide		100	J U
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		100	U
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		100	U
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		44	J
591-78-6	-----2-Hexanone		100	U
127-18-4	-----Tetrachloroethene		100	U
108-88-3	-----Toluene		17	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
75-71-8	-----Dichlorodifluoromethane		100	U
75-69-4	-----Trichlorofluoromethane		100	U

EPA ASP 2000 - VOLATILES  
ANALYSIS DATA SHEET

23/329

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

MW-13D

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A7950802

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q3323.RR

Level: (low/med) LOW

Date Samp/Recv: 08/23/2007 08/24/2007

% Moisture: not dec. \_\_\_\_\_ Heated Purge: N

Date Analyzed: 08/28/2007

GC Column: ZB-624 ID: 0.25 (mm)

Dilution Factor: 10.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/L Q
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	100	U
156-60-5-----	trans-1,2-Dichloroethene	93	J
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	100	U
156-59-2-----	cis-1,2-Dichloroethene	1600	U
110-82-7-----	Cyclohexane	100	U
108-87-2-----	Methylcyclohexane	100	U
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
79-20-9-----	Methyl acetate	100	U

EPA ASP 2000 - VOLATILES  
TENTATIVELY IDENTIFIED COMPOUNDS

24/329

Client No.

Lab Name: STL Buffalo Contract: \_\_\_\_\_

MW-13D

Lab Code: REONY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A7950802

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q3323.RR

Level: (low/med) LOW

Date Samp/Recv: 08/23/2007 08/24/2007

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 08/28/2007

GC Column: ZB-624 ID: 0.25 (mm)

Dilution Factor: 10.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

Number TICs found: 0

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

CAS NO.	Compound Name	RT	Est. Conc.	Q



EPA ASP 2000 - VOLATILES  
ANALYSIS DATA SHEET

25/329

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

MW-13D

Lab Code: RECNV Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A7950802DL

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q3339.RR

Level: (low/med) LOW

Date Samp/Recv: 08/23/2007 08/24/2007

% Moisture: not dec. \_\_\_\_\_ Heated Purge: N

Date Analyzed: 08/29/2007

GC Column: ZB-624 ID: 0.25 (mm)

Dilution Factor: 100.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/L	
74-87-3	Chloromethane		1000	U
74-83-9	Bromomethane		1000	U
75-01-4	Vinyl chloride		16000	D
75-00-3	Chloroethane		1000	U
75-09-2	Methylene chloride		1000	U
67-64-1	Acetone		1000	U
75-15-0	Carbon Disulfide		1000	U
75-35-4	1,1-Dichloroethene		1000	U
75-34-3	1,1-Dichloroethane		1000	U
67-66-3	Chloroform		1000	U
107-06-2	1,2-Dichloroethane		1000	U
78-93-3	2-Butanone		1000	U
71-55-6	1,1,1-Trichloroethane		1000	U
56-23-5	Carbon Tetrachloride		1000	U
75-27-4	Bromodichloromethane		1000	U
78-87-5	1,2-Dichloropropane		1000	U
10061-01-5	cis-1,3-Dichloropropene		1000	U
79-01-6	Trichloroethene		1000	U
124-48-1	Dibromochloromethane		1000	U
79-00-5	1,1,2-Trichloroethane		1000	U
71-43-2	Benzene		1000	U
10061-02-6	trans-1,3-Dichloropropene		1000	U
75-25-2	Bromoform		1000	U
108-10-1	4-Methyl-2-pentanone		1000	U
591-78-6	2-Hexanone		1000	U
127-18-4	Tetrachloroethene		1000	U
108-88-3	Toluene		1000	U
79-34-5	1,1,2,2-Tetrachloroethane		1000	U
108-90-7	Chlorobenzene		1000	U
100-41-4	Ethylbenzene		1000	U
100-42-5	Styrene		1000	U
1330-20-7	Total Xylenes		1000	U
75-71-8	Dichlorodifluoromethane		1000	U
75-69-4	Trichlorofluoromethane		1000	U

EPA ASP 2000 - VOLATILES  
ANALYSIS DATA SHEET

26/329

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

MW-13D

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A7950802DL

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q3339.RR

Level: (low/med) LOW

Date Samp/Recv: 08/23/2007 08/24/2007

% Moisture: not dec. \_\_\_\_\_ Heated Purge: N

Date Analyzed: 08/29/2007

GC Column: ZB-624 ID: 0.25 (mm)

Dilution Factor: 100.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/L
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1000	U
156-60-5	trans-1,2-Dichloroethene	1000	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1000	U
156-59-2	cis-1,2-Dichloroethene	1700	D
110-82-7	Cyclohexane	1000	U
108-87-2	Methylcyclohexane	1000	U
106-93-4	1,2-Dibromoethane	1000	U
98-82-8	Isopropylbenzene	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
96-12-8	1,2-Dibromo-3-chloropropane	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
79-20-9	Methyl acetate	1000	U

EPA ASP 2000 - VOLATILES  
TENTATIVELY IDENTIFIED COMPOUNDS

27/329

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

MW-13D

Lab Code: RECNV

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A7950802DL

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q3339.RR

Level: (low/med) LOW

Date Samp/Recv: 08/23/2007 08/24/2007

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 08/29/2007

GC Column: ZB-624 ID: 0.25 (mm)

Dilution Factor: 100.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

Number TICs found: 0

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

CAS NO.	Compound Name	RT	Est. Conc.	Q

EPA ASP 2000 - VOLATILES  
ANALYSIS DATA SHEET

28/329

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

MW-2

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A7950807

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q3330.RR

Level: (low/med) LOW

Date Samp/Recv: 08/23/2007 08/24/2007

% Moisture: not dec. \_\_\_\_\_ Heated Purge: N

Date Analyzed: 08/28/2007

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:		Q
		(ug/L or ug/Kg)	UG/L	
74-87-3	-----Chloromethane		10	U
74-83-9	-----Bromomethane		10	U
75-01-4	-----Vinyl chloride		10	U
75-00-3	-----Chloroethane		10	U
75-09-2	-----Methylene chloride		10	U
67-64-1	-----Acetone		10	U
75-15-0	-----Carbon Disulfide		10	U
75-35-4	-----1,1-Dichloroethene		10	U
75-34-3	-----1,1-Dichloroethane		10	U
67-66-3	-----Chloroform		10	U
107-06-2	-----1,2-Dichloroethane		10	U
78-93-3	-----2-Butanone		10	U
71-55-6	-----1,1,1-Trichloroethane		10	U
56-23-5	-----Carbon Tetrachloride		10	U
75-27-4	-----Bromodichloromethane		10	U
78-87-5	-----1,2-Dichloropropane		10	U
10061-01-5	-----cis-1,3-Dichloropropene		10	U
79-01-6	-----Trichloroethene		10	U
124-48-1	-----Dibromochloromethane		10	U
79-00-5	-----1,1,2-Trichloroethane		10	U
71-43-2	-----Benzene		10	U
10061-02-6	-----trans-1,3-Dichloropropene		10	U
75-25-2	-----Bromoform		10	U
108-10-1	-----4-Methyl-2-pentanone		10	U
591-78-6	-----2-Hexanone		10	U
127-18-4	-----Tetrachloroethene		10	U
108-88-3	-----Toluene		10	U
79-34-5	-----1,1,2,2-Tetrachloroethane		10	U
108-90-7	-----Chlorobenzene		10	U
100-41-4	-----Ethylbenzene		10	U
100-42-5	-----Styrene		10	U
1330-20-7	-----Total Xylenes		10	U
75-71-8	-----Dichlorodifluoromethane		10	U
75-69-4	-----Trichlorofluoromethane		10	U

EPA ASP 2000 - VOLATILES  
ANALYSIS DATA SHEET

29/329

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

MW-2

Lab Code: REQNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A7950807

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q3330.RR

Level: (low/med) LOW

Date Samp/Recv: 08/23/2007 08/24/2007

% Moisture: not dec. \_\_\_\_\_ Heated Purge: N

Date Analyzed: 08/28/2007

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:		Q
		(ug/L or ug/Kg)	UG/L	
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane		10	U
156-60-5-----	trans-1,2-Dichloroethene		10	U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)		10	U
156-59-2-----	cis-1,2-Dichloroethene		1	J
110-82-7-----	Cyclohexane		10	U
108-87-2-----	Methylcyclohexane		10	U
106-93-4-----	1,2-Dibromoethane		10	U
98-82-8-----	Isopropylbenzene		10	U
541-73-1-----	1,3-Dichlorobenzene		10	U
106-46-7-----	1,4-Dichlorobenzene		10	U
95-50-1-----	1,2-Dichlorobenzene		10	U
96-12-8-----	1,2-Dibromo-3-chloropropane		10	U
120-82-1-----	1,2,4-Trichlorobenzene		10	U
79-20-9-----	Methyl acetate		10	U

EPA ASP 2000 - VOLATILES  
TENTATIVELY IDENTIFIED COMPOUNDS

30/329

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

MW-2

Lab Code: RECNV Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A7950807

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q3330.RR

Level: (low/med) LOW

Date Samp/Recv: 08/23/2007 08/24/2007

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 08/28/2007

GC Column: ZB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

Number TICs found: 0

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

CAS NO.	Compound Name	RT	Est. Conc.	Q

EPA ASP 2000 - VOLATILES  
ANALYSIS DATA SHEET

31/329

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

MW-2D

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A7950806

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q3327.RR

Level: (low/med) LOW

Date Samp/Recv: 08/23/2007 08/24/2007

% Moisture: not dec. \_\_\_\_\_ Heated Purge: N

Date Analyzed: 08/28/2007

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/L
74-87-3	-----Chloromethane	10	U
74-83-9	-----Bromomethane	10	U
75-01-4	-----Vinyl chloride	10	U
75-00-3	-----Chloroethane	10	U
75-09-2	-----Methylene chloride	10	U
67-64-1	-----Acetone	10	U
75-15-0	-----Carbon Disulfide	10	U
75-35-4	-----1,1-Dichloroethene	10	U
75-34-3	-----1,1-Dichloroethane	10	U
67-66-3	-----Chloroform	10	U
107-06-2	-----1,2-Dichloroethane	10	U
78-93-3	-----2-Butanone	10	U
71-55-6	-----1,1,1-Trichloroethane	10	U
56-23-5	-----Carbon Tetrachloride	10	U
75-27-4	-----Bromodichloromethane	10	U
78-87-5	-----1,2-Dichloropropane	10	U
10061-01-5	-----cis-1,3-Dichloropropene	10	U
79-01-6	-----Trichloroethene	10	U
124-48-1	-----Dibromochloromethane	10	U
79-00-5	-----1,1,2-Trichloroethane	10	U
71-43-2	-----Benzene	10	U
10061-02-6	-----trans-1,3-Dichloropropene	10	U
75-25-2	-----Bromoform	10	U
108-10-1	-----4-Methyl-2-pentanone	10	U
591-78-6	-----2-Hexanone	10	U
127-18-4	-----Tetrachloroethene	10	U
108-88-3	-----Toluene	10	U
79-34-5	-----1,1,2,2-Tetrachloroethane	10	U
108-90-7	-----Chlorobenzene	10	U
100-41-4	-----Ethylbenzene	10	U
100-42-5	-----Styrene	10	U
1330-20-7	-----Total Xylenes	10	U
75-71-8	-----Dichlorodifluoromethane	10	U
75-69-4	-----Trichlorofluoromethane	10	U

EPA ASP 2000 - VOLATILES  
ANALYSIS DATA SHEET

32/329

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

MW-2D

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A7950806

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q3327.RR

Level: (low/med) LOW

Date Samp/Recv: 08/23/2007 08/24/2007

% Moisture: not dec. \_\_\_\_\_ Heated Purge: N

Date Analyzed: 08/28/2007

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:		Q
		(ug/L or ug/Kg)	UG/L	
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane		10	U
156-60-5-----	trans-1,2-Dichloroethene		10	U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)		10	U
156-59-2-----	cis-1,2-Dichloroethene		2	U
110-82-7-----	Cyclohexane		10	J
108-87-2-----	Methylcyclohexane		10	U
106-93-4-----	1,2-Dibromoethane		10	U
98-82-8-----	Isopropylbenzene		10	U
541-73-1-----	1,3-Dichlorobenzene		10	U
106-46-7-----	1,4-Dichlorobenzene		10	U
95-50-1-----	1,2-Dichlorobenzene		10	U
96-12-8-----	1,2-Dibromo-3-chloropropane		10	U
120-82-1-----	1,2,4-Trichlorobenzene		10	U
79-20-9-----	Methyl acetate		10	U



EPA ASP 2000 - VOLATILES  
TENTATIVELY IDENTIFIED COMPOUNDS

33/329

Client No.

Lab Name: SIL Buffalo

Contract: \_\_\_\_\_

MW-2D

Lab Code: RECN Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A7950806

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q3327.RR

Level: (low/med) LOW

Date Samp/Recv: 08/23/2007 08/24/2007

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 08/28/2007

GC Column: ZB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

Number TICs found: 0

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

CAS NO.	Compound Name	RT	Est. Conc.	Q

EPA ASP 2000 - VOLATILES  
ANALYSIS DATA SHEET

34/329

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

MW-7

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A7950808

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q3331.RR

Level: (low/med) LOW

Date Samp/Recv: 08/23/2007 08/24/2007

% Moisture: not dec. \_\_\_\_\_ Heated Purge: N

Date Analyzed: 08/28/2007

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:		Q
		(ug/L or ug/Kg)	UG/L	
74-87-3	-----Chloromethane		10	U
74-83-9	-----Bromomethane		10	U
75-01-4	-----Vinyl chloride		10	U
75-00-3	-----Chloroethane		10	U
75-09-2	-----Methylene chloride		10	U
67-64-1	-----Acetone		10	U
75-15-0	-----Carbon Disulfide		10	U
75-35-4	-----1,1-Dichloroethene		10	U
75-34-3	-----1,1-Dichloroethane		10	U
67-66-3	-----Chloroform		10	U
107-06-2	-----1,2-Dichloroethane		10	U
78-93-3	-----2-Butanone		10	U
71-55-6	-----1,1,1-Trichloroethane		10	U
56-23-5	-----Carbon Tetrachloride		10	U
75-27-4	-----Bromodichloromethane		10	U
78-87-5	-----1,2-Dichloropropane		10	U
10061-01-5	-----cis-1,3-Dichloropropene		10	U
79-01-6	-----Trichloroethene		10	U
124-48-1	-----Dibromochloromethane		10	U
79-00-5	-----1,1,2-Trichloroethane		10	U
71-43-2	-----Benzene		10	U
10061-02-6	-----trans-1,3-Dichloropropene		10	U
75-25-2	-----Bromoform		10	U
108-10-1	-----4-Methyl-2-pentanone		10	U
591-78-6	-----2-Hexanone		10	U
127-18-4	-----Tetrachloroethene		10	U
108-88-3	-----Toluene		10	U
79-34-5	-----1,1,2,2-Tetrachloroethane		10	U
108-90-7	-----Chlorobenzene		10	U
100-41-4	-----Ethylbenzene		10	U
100-42-5	-----Styrene		10	U
1330-20-7	-----Total Xylenes		10	U
75-71-8	-----Dichlorodifluoromethane		10	U
75-69-4	-----Trichlorofluoromethane		10	U

EPA ASP 2000 - VOLATILES  
ANALYSIS DATA SHEET

35/329

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

MW-7

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A7950808

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q3331.RR

Level: (low/med) LOW

Date Samp/Recv: 08/23/2007 08/24/2007

% Moisture: not dec. \_\_\_\_\_ Heated Purge: N

Date Analyzed: 08/28/2007

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:		Q
		(ug/L or ug/Kg)	UG/L	
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane		10	U
156-60-5-----	trans-1,2-Dichloroethene		10	U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)		10	U
156-59-2-----	cis-1,2-Dichloroethene		3	J
110-82-7-----	Cyclohexane		10	U
108-87-2-----	Methylcyclohexane		10	U
106-93-4-----	1,2-Dibromoethane		10	U
98-82-8-----	Isopropylbenzene		10	U
541-73-1-----	1,3-Dichlorobenzene		10	U
106-46-7-----	1,4-Dichlorobenzene		10	U
95-50-1-----	1,2-Dichlorobenzene		10	U
96-12-8-----	1,2-Dibromo-3-chloropropane		10	U
120-82-1-----	1,2,4-Trichlorobenzene		10	U
79-20-9-----	Methyl acetate		10	U

EPA ASP 2000 - VOLATILES  
TENTATIVELY IDENTIFIED COMPOUNDS

36/329

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

MW-7

Lab Code: RECN

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A7950808

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q3331.RR

Level: (low/med) LOW

Date Samp/Recv: 08/23/2007 08/24/2007

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 08/28/2007

GC Column: ZB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

Number TICs found: 0

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

EPA ASP 2000 - VOLATILES  
ANALYSIS DATA SHEET

37/329

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

MW-8

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A7950809

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q3337.RR

Level: (low/med) LOW

Date Samp/Recv: 08/23/2007 08/24/2007

% Moisture: not dec. \_\_\_\_\_ Heated Purge: N

Date Analyzed: 08/29/2007

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:		Q
		(ug/L or ug/Kg)	UG/L	
74-87-3	-----Chloromethane		10	U
74-83-9	-----Bromomethane		10	U
75-01-4	-----Vinyl chloride		10	U
75-00-3	-----Chloroethane		10	U
75-09-2	-----Methylene chloride		10	U
67-64-1	-----Acetone		10	U
75-15-0	-----Carbon Disulfide		10	U
75-35-4	-----1,1-Dichloroethene		10	U
75-34-3	-----1,1-Dichloroethane		10	U
67-66-3	-----Chloroform		10	U
107-06-2	-----1,2-Dichloroethane		10	U
78-93-3	-----2-Butanone		10	U
71-55-6	-----1,1,1-Trichloroethane		10	U
56-23-5	-----Carbon Tetrachloride		10	U
75-27-4	-----Bromodichloromethane		10	U
78-87-5	-----1,2-Dichloropropane		10	U
10061-01-5	-----cis-1,3-Dichloropropene		10	U
79-01-6	-----Trichloroethene		10	U
124-48-1	-----Dibromochloromethane		10	U
79-00-5	-----1,1,2-Trichloroethane		10	U
71-43-2	-----Benzene		10	U
10061-02-6	-----trans-1,3-Dichloropropene		10	U
75-25-2	-----Bromoform		10	U
108-10-1	-----4-Methyl-2-pentanone		10	U
591-78-6	-----2-Hexanone		10	U
127-18-4	-----Tetrachloroethene		10	U
108-88-3	-----Toluene		10	U
79-34-5	-----1,1,2,2-Tetrachloroethane		10	U
108-90-7	-----Chlorobenzene		10	U
100-41-4	-----Ethylbenzene		10	U
100-42-5	-----Styrene		10	U
1330-20-7	-----Total Xylenes		10	U
75-71-8	-----Dichlorodifluoromethane		10	U
75-69-4	-----Trichlorofluoromethane		10	U

EPA ASP 2000 - VOLATILES  
ANALYSIS DATA SHEET

38/329

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

MW-8

Lab Code: RECN Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A7950809

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q3337.RR

Level: (low/med) LOW

Date Samp/Recv: 08/23/2007 08/24/2007

% Moisture: not dec. \_\_\_\_\_ Heated Purge: N

Date Analyzed: 08/29/2007

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:		Q
		(ug/L or ug/Kg)	UG/L	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane		10	U
156-60-5	trans-1,2-Dichloroethene		10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)		10	U
156-59-2	cis-1,2-Dichloroethene		10	U
110-82-7	Cyclohexane		10	U
108-87-2	Methylcyclohexane		10	U
106-93-4	1,2-Dibromoethane		10	U
98-82-8	Isopropylbenzene		10	U
541-73-1	1,3-Dichlorobenzene		10	U
106-46-7	1,4-Dichlorobenzene		10	U
95-50-1	1,2-Dichlorobenzene		10	U
96-12-8	1,2-Dibromo-3-chloropropane		10	U
120-82-1	1,2,4-Trichlorobenzene		10	U
79-20-9	Methyl acetate		10	U

EPA ASP 2000 - VOLATILES  
TENTATIVELY IDENTIFIED COMPOUNDS

39/329

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

MW-8

Lab Code: RECNV

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A7950809

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q3337.RR

Level: (low/med) LOW

Date Samp/Recv: 08/23/2007 08/24/2007

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 08/29/2007

GC Column: ZB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

Number TICs found: 0

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

CAS NO.	Compound Name	RT	Est. Conc.	Q

EPA ASP 2000 - VOLATILES  
ANALYSIS DATA SHEET

40/329

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

MW-9D

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A7950804

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q3325.RR

Level: (low/med) LOW

Date Samp/Recv: 08/23/2007 08/24/2007

% Moisture: not dec. \_\_\_\_\_ Heated Purge: N

Date Analyzed: 08/28/2007

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:		Q
		(ug/L or ug/Kg)	UG/L	
74-87-3	Chloromethane		10	U
74-83-9	Bromomethane		10	U
75-01-4	Vinyl chloride		6	U
75-00-3	Chloroethane		10	J
75-09-2	Methylene chloride		10	U
67-64-1	Acetone		10	U
75-15-0	Carbon Disulfide		10	U
75-35-4	1,1-Dichloroethene		10	U
75-34-3	1,1-Dichloroethane		10	U
67-66-3	Chloroform		10	U
107-06-2	1,2-Dichloroethane		10	U
78-93-3	2-Butanone		10	U
71-55-6	1,1,1-Trichloroethane		10	U
56-23-5	Carbon Tetrachloride		10	U
75-27-4	Bromodichloromethane		10	U
78-87-5	1,2-Dichloropropane		10	U
10061-01-5	cis-1,3-Dichloropropene		10	U
79-01-6	Trichloroethene		10	U
124-48-1	Dibromochloromethane		10	U
79-00-5	1,1,2-Trichloroethane		10	U
71-43-2	Benzene		10	U
10061-02-6	trans-1,3-Dichloropropene		10	U
75-25-2	Bromoform		10	U
108-10-1	4-Methyl-2-pentanone		10	U
591-78-6	2-Hexanone		10	U
127-18-4	Tetrachloroethene		10	U
108-88-3	Toluene		10	U
79-34-5	1,1,2,2-Tetrachloroethane		10	U
108-90-7	Chlorobenzene		10	U
100-41-4	Ethylbenzene		10	U
100-42-5	Styrene		10	U
1330-20-7	Total Xylenes		10	U
75-71-8	Dichlorodifluoromethane		10	U
75-69-4	Trichlorofluoromethane		10	U



EPA ASP 2000 - VOLATILES  
ANALYSIS DATA SHEET

41/329

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

MW-9D

Lab Code: REONY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A7950804

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q3325.RR

Level: (low/med) LOW

Date Samp/Recv: 08/23/2007 08/24/2007

% Moisture: not dec. \_\_\_\_\_ Heated Purge: N

Date Analyzed: 08/28/2007

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:		Q
		(ug/L or ug/Kg)	UG/L	
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane		10	U
156-60-5-----	trans-1,2-Dichloroethene		10	U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)		10	U
156-59-2-----	cis-1,2-Dichloroethene		6	U
110-82-7-----	Cyclohexane		10	J
108-87-2-----	Methylcyclohexane		10	U
106-93-4-----	1,2-Dibromoethane		10	U
98-82-8-----	Isopropylbenzene		10	U
541-73-1-----	1,3-Dichlorobenzene		10	U
106-46-7-----	1,4-Dichlorobenzene		10	U
95-50-1-----	1,2-Dichlorobenzene		10	U
96-12-8-----	1,2-Dibromo-3-chloropropane		10	U
120-82-1-----	1,2,4-Trichlorobenzene		10	U
79-20-9-----	Methyl acetate		10	U

EPA ASP 2000 - VOLATILES  
TENTATIVELY IDENTIFIED COMPOUNDS

42/329

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

MW-9D

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A7950804

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q3325.RR

Level: (low/med) LOW

Date Samp/Recv: 08/23/2007 08/24/2007

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 08/28/2007

GC Column: ZB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

Number TICs found: 0

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

CAS NO.	Compound Name	RT	Est. Conc.	Q

EPA ASP 2000 - VOLATILES  
ANALYSIS DATA SHEET

43/329

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

TRIP BLANK

Lab Code: RECNY

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A7950810

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q3336.RR

Level: (low/med) LOW

Date Samp/Recv: 08/23/2007 08/24/2007

% Moisture: not dec. \_\_\_\_\_ Heated Purge: N

Date Analyzed: 08/29/2007

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/L
74-87-3	-----Chloromethane	10	U
74-83-9	-----Bromomethane	10	U
75-01-4	-----Vinyl chloride	10	U
75-00-3	-----Chloroethane	10	U
75-09-2	-----Methylene chloride	10	U
67-64-1	-----Acetone	10	U
75-15-0	-----Carbon Disulfide	10	U
75-35-4	-----1,1-Dichloroethene	10	U
75-34-3	-----1,1-Dichloroethane	10	U
67-66-3	-----Chloroform	10	U
107-06-2	-----1,2-Dichloroethane	10	U
78-93-3	-----2-Butanone	10	U
71-55-6	-----1,1,1-Trichloroethane	10	U
56-23-5	-----Carbon Tetrachloride	10	U
75-27-4	-----Bromodichloromethane	10	U
78-87-5	-----1,2-Dichloropropane	10	U
10061-01-5	-----cis-1,3-Dichloropropene	10	U
79-01-6	-----Trichloroethene	10	U
124-48-1	-----Dibromochloromethane	10	U
79-00-5	-----1,1,2-Trichloroethane	10	U
71-43-2	-----Benzene	10	U
10061-02-6	-----trans-1,3-Dichloropropene	10	U
75-25-2	-----Bromoform	10	U
108-10-1	-----4-Methyl-2-pentanone	10	U
591-78-6	-----2-Hexanone	10	U
127-18-4	-----Tetrachloroethene	10	U
108-88-3	-----Toluene	10	U
79-34-5	-----1,1,2,2-Tetrachloroethane	10	U
108-90-7	-----Chlorobenzene	10	U
100-41-4	-----Ethylbenzene	10	U
100-42-5	-----Styrene	10	U
1330-20-7	-----Total Xylenes	10	U
75-71-8	-----Dichlorodifluoromethane	10	U
75-69-4	-----Trichlorofluoromethane	10	U

EPA ASP 2000 - VOLATILES  
ANALYSIS DATA SHEET

44/329

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

TRIP BLANK

Lab Code: RECNV Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A7950810

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q3336.RR

Level: (low/med) LOW

Date Samp/Recv: 08/23/2007 08/24/2007

% Moisture: not dec. \_\_\_\_\_ Heated Purge: N

Date Analyzed: 08/29/2007

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/L
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
110-82-7	Cyclohexane	10	U
108-87-2	Methylcyclohexane	10	U
106-93-4	1,2-Dibromoethane	10	U
98-82-8	Isopropylbenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
79-20-9	Methyl acetate	10	U

EPA ASP 2000 - VOLATILES  
TENTATIVELY IDENTIFIED COMPOUNDS

45/329

Client No.

Lab Name: STL Buffalo

Contract: \_\_\_\_\_

TRIP BLANK

Lab Code: RECN Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: A7950810

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: Q3336.RR

Level: (low/med) LOW

Date Samp/Recv: 08/23/2007 08/24/2007

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 08/29/2007

GC Column: ZB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

Number TICs found: 0

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

CAS NO.	Compound Name	RT	Est. Conc.	Q



**Data Usability Summary Report for  
TestAmerica Buffalo, Job No. A07-B707  
Volatiles Subcontracted to Test America, Connecticut  
as SDG No. 220-3037-1**

Geology

Hydrology

Remediation

Water Supply

**1 Ground Water Sample and 1 Trip Blank  
Collected October 11, 2007**

Prepared by: Donald Anné  
December 6, 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 ground water sample analyzed for volatiles, methane, total iron, and general chemistries and 1 trip blank analyzed for volatiles only.

The overall performances of the analyses are acceptable. Test America, Connecticut and 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 MW-13DDL and TRIP BLANK because the levels reported in the samples were not significantly greater (more than 10 times) than the associated method blank level.
- Volatile results for vinyl chloride and cis-1,2-dichloroethene in sample MW-13D 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.



Geology

Hydrology

Remediation

Water Supply

**QA/QC Review of Volatiles Data for  
TestAmerica Buffalo, SDG No. A07-B707  
Subcontracted to Test America, Connecticut  
as Job No. 220-3037-1**

**1 Ground Water Sample and 1 Trip Blank  
Collected October 11, 2007**

Prepared by: Donald Anné  
December 6, 2007

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**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 1,2,4-trichlorobenzene (0.159 and 0.189) were below the ASP minimum (0.300 and 0.200 respectfully) for MSO on 09-14-07. 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 met those requirements. The %D for bromomethane (28.4%) was above the ASP maximum (25%) on 10-12-07 (O1397). 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 (26.6%), 2-butanone (52.6%) , and bromoform (28.4%) were above the allowable maximum (25%) on 10-12-07 (O1397). Positive results for these compounds should be considered estimated (J) in associated samples.

**Blanks:** Method blank MB 220-10223/2 contained a trace of methylene chloride (0.29 ug/kg). Positive results for methylene chloride that are less than ten times the method blank level should be reported as not detected (U) in associated.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Surrogate Recovery: One of three surrogate recoveries for sample MW-13D was below control limits, but was not below 10%. All results for sample MW-13D should be considered estimated (J).

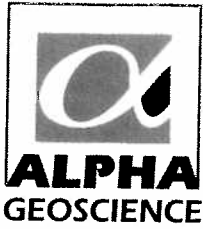
Matrix Spike/Matrix Spike Duplicate: The relative percent differences were below the allowable maximums and the percent recoveries were within QC limits for MS/MSD sample MW-13D.

Laboratory Control Sample: The percent recoveries were within QC limits for samples LCS 220-10223/3 and MSB 220-10223/7.

Compound ID: Checked compounds were within GC/MS quantitation and qualification limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

The results for results for vinyl chloride and cis-1,2-dichloroethene in sample MS-13D 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.





Geology

Hydrology

Remediation

Water Supply

**QA/QC Review of Methane Data for  
TestAmerica Buffalo, SDG No. A07-B707**

**1 Ground Water Sample  
Collected October 11, 2007**

Prepared by: Donald Anné  
December 6, 2007

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Holding Times: Sample MW-13D was analyzed within NYSDEC ASP holding times.

Initial Calibration: The %RSD for methane was below the allowable maximum (20%), as required.

Continuing Calibration: The %Ds for methane was below the allowable maximum (15%), as required.

Blanks: The analysis of the method blank reported methane as not detected.

Laboratory Control Sample: The percent recovery for methane was within QC limits for the matrix spike blank.



Geology

Hydrology

Remediation

Water Supply

**QA/QC Review of Total Iron Data for  
TestAmerica Buffalo, SDG No: A07-B707**

**1 Ground Water Samples  
Collected October 11, 2007**

Prepared by: Donald Anné  
December 6, 2007

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Holding Times: Sample MW-13D was analyzed within SW-846 holding times.

Initial and Continuing Calibration Verification: The percent recoveries for iron were within control limits (90-110%).

CRDL Standard for AA & ICP: The percent recovery for iron was within laboratory QC limits (80-120%).

Blanks: The analyses of initial and continuing calibration, and preparation blanks reported iron as not detected.

ICP Interference Check Sample: The percent recovery for iron was within control limits (80-120%).

Laboratory Control Sample: The percent recovery for iron was within control limits (80-120%) for the aqueous LCS.



Geology

Hydrology

Remediation

Water Supply

**QA/QC Review of Wet Chemistries\* Data  
for TestAmerica Buffalo, Job No: A0-B707**

**1 Ground Water Sample  
Collected November 15, 2006**

Prepared by: Donald Anné  
December 6, 2007

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**Holding Times:** Sample MW-13D was analyzed within NYSDEC ASP holding times.

**Initial and Continuing Calibration Verification:** The percent recoveries for target wet chemistries were within control limits (85-115%).

**Blanks:** The analyses of method blanks reported wet chemistries as not detected.

**Spike Sample Recovery:** The percent recoveries for ferrous iron were within control limits (75-125%) for the MS/MSD sample.

**Duplicates:** The relative percent difference ferrous iron was below the allowable maximum (20%) for the MS/MSD sample 016, as required.

**Laboratory Control Sample:** The percent recoveries (%Rs) for nitrate-nitrite were within laboratory QC limits (90-110%) for LCS A7B1629601. The %R for ferrous iron was within laboratory QC limits (90-110%) for LCS A7B1614701. The %R for sulfate was within laboratory QC limits (90-110%) for LCS A7B1630801. The %R for sulfide was within laboratory QC limits (87-113%) for LCS A7B1624701.

\* - Wet chemistries include ferric iron, ferrous iron, nitrate, nitrite, sulfate, and sulfide.

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STL BUFFALO

## C &amp; S Engineers

- 1 -

## INORGANIC ANALYSIS DATA PACKAGE

Client: C &amp; S Engineers

SDG No.: A07-B707

Method Type:

Sample ID: A7B70701

Client ID: MW-13D

Matrix: WATER

Date Received: 10/12/2007

Date Collected: 10/11/2007

Level: LOW

% Solids:

Sample Wt/Vol: 50.0

Final Vol: 50.0

Prep Batch ID: A7B16192

Prep Date: 10/13/2007

Analyte	Concentration	Units	C	Qual	RL	RL	Dil	Analytical		Instrument	Run	M
								Date	Time			
Iron	1150	ug/L			50.0	50.0	1	10/15/2007	13:37	SUPERTRACE2	A101507	P

Comments:

Wet Chemistry Analysis

18/552

Client Sample No.

MW-13D

Lab Name: TestAmerica Laboratories Inc. Contract: \_\_\_\_\_

Lab Code: RECNY Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: A7B707

Matrix (soil/water): WATER Lab Sample ID: A7B70701

% Solids: 0.0 Date Samp/Recv: 10/11/2007 10/12/2007

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Ferric Iron	MG/L	1.2				3500FE-D	10/16/2007
Ferrous Iron	MG/L	0.10	U			3500D	10/12/2007
Nitrate	MG/L-N	0.050	U			353.2	10/15/2007
Nitrite	MG/L-N	0.050	U			353.2	10/15/2007
Sulfate	MG/L	25.0	U			300.0	10/15/2007
Sulfide	MG/L	0.80				376.1	10/13/2007

Comments:

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## SAMPLE SUMMARY

Client: TestAmerica Laboratories, Inc.

Job Number: 220-3037-1

Sdg Number: 220-3037

<u>Lab Sample ID</u>	<u>Client Sample ID</u>	<u>Client Matrix</u>	<u>Date/Time Sampled</u>	<u>Date/Time Received</u>
220-3037-1	MW-13D	Water	10/11/2007 1420	10/12/2007 0935
220-3037-2TB	TRIP BLANK	Water	10/11/2007 0000	10/12/2007 0935

## Analytical Data

Client: TestAmerica Laboratories, Inc.

Job Number: 220-3037-1

Client Sample ID: MW-13D

Sdg Number: 220-3037

Lab Sample ID: 220-3037-1

Date Sampled: 10/11/2007 1420

Client Matrix: Water

Date Received: 10/12/2007 0935

## OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol      Analysis Batch: 220-10223      Instrument ID: HP 5890/5971A GC/MS  
 Preparation: 5030B      Lab File ID: O1404.D  
 Dilution: 1.0      Initial Weight/Volume: 5 mL  
 Date Analyzed: 10/12/2007 1341      Final Weight/Volume: 5 mL  
 Date Prepared: 10/12/2007 1341

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	10	U	0.10	10
Vinyl chloride	650	E J	0.10	10
Bromomethane	10	U	0.10	10
Chloroethane	10	U	0.10	10
1,1-Dichloroethene	10	U	0.10	10
Carbon disulfide	9.3	J	0.10	10
Acetone	9.6	J	0.10	10
Methylene Chloride	10	U	0.10	10
1,1-Dichloroethane	10	U	0.10	10
Methyl Ethyl Ketone	10	U	0.10	10
Chloroform	10	U	0.10	10
1,1,1-Trichloroethane	10	U	0.10	10
Carbon tetrachloride	10	U	0.10	10
Benzene	8.3	J	0.10	10
1,2-Dichloroethane	10	U	0.10	10
Trichloroethene	10	U	0.10	10
1,2-Dichloropropane	10	U	0.10	10
Bromodichloromethane	10	U	0.10	10
cis-1,3-Dichloropropene	10	U	0.10	10
methyl isobutyl ketone	14		0.10	10
Toluene	10		0.10	10
trans-1,3-Dichloropropene	10	U	0.10	10
1,1,2-Trichloroethane	10	U	0.10	10
Tetrachloroethene	10	U	0.10	10
2-Hexanone	10	U	0.10	10
Dibromochloromethane	10	U	0.10	10
Chlorobenzene	10	U	0.10	10
Ethylbenzene	0.89	J	0.10	10
Styrene	10	U	0.10	10
Bromoform	10	U	0.10	10
1,1,2,2-Tetrachloroethane	10	U	0.10	10
Xylenes, Total	6.5	J	0.10	10
cis-1,2-Dichloroethene	310	E J	0.10	10
trans-1,2-Dichloroethene	60		0.10	10
Dichlorodifluoromethane	10	U	0.10	10
Trichlorofluoromethane	10	U	0.10	10
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	0.10	10
Methyl tert-butyl ether	10	U	0.10	10
1,2-Dibromoethane	10	U	0.10	10
Isopropylbenzene	0.23	J M	0.10	10
1,3-Dichlorobenzene	10	U	0.10	10
1,4-Dichlorobenzene	10	U	0.10	10
1,2-Dichlorobenzene	10	U	0.10	10
1,2-Dibromo-3-Chloropropane	10	U	0.10	10

## Analytical Data

Client: TestAmerica Laboratories, Inc.

Job Number: 220-3037-1

Client Sample ID: MW-13D

Sdg Number: 220-3037

Lab Sample ID: 220-3037-1

Date Sampled: 10/11/2007 1420

Client Matrix: Water

Date Received: 10/12/2007 0935

## OLM04.2/Vol CLP Volatile Organic Compounds

Method:	OLM04.2/Vol	Analysis Batch: 220-10223	Instrument ID:	HP 5890/5971A GC/MS
Preparation:	5030B		Lab File ID:	O1404.D
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	10/12/2007 1341		Final Weight/Volume:	5 mL
Date Prepared:	10/12/2007 1341			

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	10	U	0.10	10
Methyl acetate	10	U	0.10	10
Cyclohexane	10	U	0.10	10
Methylcyclohexane	4.8	J	0.10	10

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	75	76 - 114
4-Bromofluorobenzene	104	86 - 115
Toluene-d8 (Surr)	89	88 - 110



## Analytical Data

Client: TestAmerica Laboratories, Inc.

Job Number: 220-3037-1

Client Sample ID: MW-13D DL

Sdg Number: 220-3037

Lab Sample ID: 220-3037-1

Date Sampled: 10/11/2007 1420

Client Matrix: Water

Date Received: 10/12/2007 0935

## OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol Analysis Batch: 220-10223 Instrument ID: HP 5890/5971A GC/MS  
 Preparation: 5030B Lab File ID: O1407.D  
 Dilution: 200 Initial Weight/Volume: 5 mL  
 Date Analyzed: 10/12/2007 1520 Run Type: DL Final Weight/Volume: 5 mL  
 Date Prepared: 10/12/2007 1520

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	2000	U	20	2000
Vinyl chloride	21000		20	2000
Bromomethane	2000	U	20	2000
Chloroethane	2000	U	20	2000
1,1-Dichloroethene	2000	U	20	2000
Carbon disulfide	2000	U	20	2000
Acetone	2000	U	20	2000
Methylene Chloride	49	JBU	20	2000
1,1-Dichloroethane	2000	U	20	2000
Methyl Ethyl Ketone	2000	U	20	2000
Chloroform	2000	U	20	2000
1,1,1-Trichloroethane	2000	U	20	2000
Carbon tetrachloride	2000	U	20	2000
Benzene	2000	U	20	2000
1,2-Dichloroethane	2000	U	20	2000
Trichloroethene	2000	U	20	2000
1,2-Dichloropropane	2000	U	20	2000
Bromodichloromethane	2000	U	20	2000
cis-1,3-Dichloropropene	2000	U	20	2000
methyl isobutyl ketone	2000	U	20	2000
Toluene	2000	U	20	2000
trans-1,3-Dichloropropene	2000	U	20	2000
1,1,2-Trichloroethane	2000	U	20	2000
Tetrachloroethene	2000	U	20	2000
2-Hexanone	2000	U	20	2000
Dibromochloromethane	2000	U	20	2000
Chlorobenzene	2000	U	20	2000
Ethylbenzene	2000	U	20	2000
Styrene	2000	U	20	2000
Bromoform	2000	U	20	2000
1,1,2,2-Tetrachloroethane	2000	U	20	2000
Xylenes, Total	2000	U	20	2000
cis-1,2-Dichloroethene	560	J	20	2000
trans-1,2-Dichloroethene	2000	U	20	2000
Dichlorodifluoromethane	2000	U	20	2000
Trichlorofluoromethane	2000	U	20	2000
1,1,2-Trichloro-1,2,2-trifluoroethane	2000	U	20	2000
Methyl tert-butyl ether	2000	U	20	2000
1,2-Dibromoethane	2000	U	20	2000
Isopropylbenzene	2000	U	20	2000
1,3-Dichlorobenzene	2000	U	20	2000
1,4-Dichlorobenzene	2000	U	20	2000
1,2-Dichlorobenzene	2000	U	20	2000
1,2-Dibromo-3-Chloropropane	2000	U	20	2000

## Analytical Data

Client: TestAmerica Laboratories, Inc.

Job Number: 220-3037-1

Client Sample ID: MW-13D DL

Sdg Number: 220-3037

Lab Sample ID: 220-3037-1

Date Sampled: 10/11/2007 1420

Client Matrix: Water

Date Received: 10/12/2007 0935

## OLM04.2/Vol CLP Volatile Organic Compounds

Method:	OLM04.2/Vol	Analysis Batch: 220-10223	Instrument ID:	HP 5890/5971A GC/MS
Preparation:	5030B		Lab File ID:	O1407.D
Dilution:	200		Initial Weight/Volume:	5 mL
Date Analyzed:	10/12/2007 1520	Run Type: DL	Final Weight/Volume:	5 mL
Date Prepared:	10/12/2007 1520			

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	2000	U	20	2000
Methyl acetate	2000	U	20	2000
Cyclohexane	2000	U	20	2000
Methylcyclohexane	2000	U	20	2000

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97	76 - 114
4-Bromofluorobenzene	100	86 - 115
Toluene-d8 (Surr)	93	88 - 110

## Analytical Data

Client: TestAmerica Laboratories, Inc.

Job Number: 220-3037-1

Client Sample ID: TRIP BLANK

Sdg Number: 220-3037

Lab Sample ID: 220-3037-2TB

Date Sampled: 10/11/2007 0000

Client Matrix: Water

Date Received: 10/12/2007 0935

## OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol Analysis Batch: 220-10223 Instrument ID: HP 5890/5971A GC/MS  
 Preparation: 5030B Lab File ID: O1403.D  
 Dilution: 1.0 Initial Weight/Volume: 5 mL  
 Date Analyzed: 10/12/2007 1317 Final Weight/Volume: 5 mL  
 Date Prepared: 10/12/2007 1317

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	10	U	0.10	10
Vinyl chloride	10	U	0.10	10
Bromomethane	10	U	0.10	10
Chloroethane	10	U	0.10	10
1,1-Dichloroethene	10	U	0.10	10
Carbon disulfide	10	U	0.10	10
Acetone	10	U	0.10	10
Methylene Chloride	0.26	U	0.10	10
1,1-Dichloroethane	10	U	0.10	10
Methyl Ethyl Ketone	10	U	0.10	10
Chloroform	10	U	0.10	10
1,1,1-Trichloroethane	10	U	0.10	10
Carbon tetrachloride	10	U	0.10	10
Benzene	10	U	0.10	10
1,2-Dichloroethane	10	U	0.10	10
Trichloroethene	10	U	0.10	10
1,2-Dichloropropane	10	U	0.10	10
Bromodichloromethane	10	U	0.10	10
cis-1,3-Dichloropropene	10	U	0.10	10
methyl isobutyl ketone	10	U	0.10	10
Toluene	10	U	0.10	10
trans-1,3-Dichloropropene	10	U	0.10	10
1,1,2-Trichloroethane	10	U	0.10	10
Tetrachloroethene	10	U	0.10	10
2-Hexanone	10	U	0.10	10
Dibromochloromethane	10	U	0.10	10
Chlorobenzene	10	U	0.10	10
Ethylbenzene	10	U	0.10	10
Styrene	10	U	0.10	10
Bromoform	10	U	0.10	10
1,1,2,2-Tetrachloroethane	10	U	0.10	10
Xylenes, Total	10	U	0.10	10
cis-1,2-Dichloroethene	10	U	0.10	10
trans-1,2-Dichloroethene	10	U	0.10	10
Dichlorodifluoromethane	10	U	0.10	10
Trichlorofluoromethane	10	U	0.10	10
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	0.10	10
Methyl tert-butyl ether	10	U	0.10	10
1,2-Dibromoethane	10	U	0.10	10
Isopropylbenzene	10	U	0.10	10
1,3-Dichlorobenzene	10	U	0.10	10
1,4-Dichlorobenzene	10	U	0.10	10
1,2-Dichlorobenzene	10	U	0.10	10
1,2-Dibromo-3-Chloropropane	10	U	0.10	10

## Analytical Data

Client: TestAmerica Laboratories, Inc.

Job Number: 220-3037-1

Client Sample ID: TRIP BLANK

Sdg Number: 220-3037

Lab Sample ID: 220-3037-2TB

Date Sampled: 10/11/2007 0000

Client Matrix: Water

Date Received: 10/12/2007 0935

## OLM04.2/Vol CLP Volatile Organic Compounds

Method: OLM04.2/Vol      Analysis Batch: 220-10223      Instrument ID: HP 5890/5971A GC/MS  
 Preparation: 5030B      Lab File ID: O1403.D  
 Dilution: 1.0      Initial Weight/Volume: 5 mL  
 Date Analyzed: 10/12/2007 1317      Final Weight/Volume: 5 mL  
 Date Prepared: 10/12/2007 1317

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	10	U	0.10	10
Methyl acetate	10	U	0.10	10
Cyclohexane	10	U	0.10	10
Methylcyclohexane	10	U	0.10	10
Surrogate	%Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	96		76 - 114	
4-Bromofluorobenzene	102		86 - 115	
Toluene-d8 (Surr)	95		88 - 110	