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report. hw902014.2004-01-01.SampleData2004.pdf

ANALYTICAL REPORT

Job#: A04-A394

STL Project#: NY1A8770.9

SDG#: 1020S

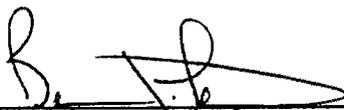
Site Name: NYS DEC ASP Contract #C004154 - Region 9

Task: CASE SH904

Mr. Larry Bailey
NYSDEC
625 Broadway - 4th Floor
Albany, NY 12233

CC: Mr. Mike Hinton

STL Buffalo



Brian J. Fischer
Project Manager

11/19/2004

STL Buffalo Current Certifications

STATE	Program	Cert # / Lab ID
Arkansas	SDWA, CWA, RCRA, SOIL	03-054-D/88-0686
California	NELAP SDWA, CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida	NELAP RCRA	E87672
Georgia	SDWA	956
Illinois	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	CWA, RCRA	036-999-337
New Hampshire	NELAP SDWA, CWA	233701
New Jersey	SDWA, CWA, RCRA, CLP	NY455
New York	NELAP, AIR, SDWA, CWA, RCRA	10026
North Carolina	CWA	411
North Dakota	SDWA, CWA, RCRA	R-176
Oklahoma	CWA, RCRA	9421
Pennsylvania	Env. Lab Reg.	68-281
South Carolina	RCRA	91013
USDA	FOREIGN SOIL PERMIT	S-41579
Virginia	SDWA	278
Washington	CWA	C254
West Virginia	CWA	252
Wisconsin	CWA	998310390

SAMPLE DATA SUMMARY PACKAGE

METHODS SUMMARY

Job#: A04-A394

STL Project#: NY1A8770.9

SDG#: 1020S

Site Name: NYS DEC ASP Contract #C004154 - Region 9

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>
NYSDEC - AQUEOUS-ASP00/8260 VOLATILES	ASP00 8260/5ML
NYSDEC - SOIL-ASP00/8260 VOLATILES	ASP00 8260
NYSDEC - ASP00 8270 - TCL SEMI-VOLATILE ORGANICS	ASP00 8270
NYSDEC - AQUEOUS-ASP 2000- METHOD 8081 PESTICIDES	ASP00 8081
Aluminum - Total	ASP00 6010
Antimony - Total	ASP00 6010
Arsenic - Total	ASP00 6010
Barium - Total	ASP00 6010
Beryllium - Total	ASP00 6010
Cadmium - Total	ASP00 6010
Calcium - Total	ASP00 6010
Chromium - Total	ASP00 6010
Cobalt - Total	ASP00 6010
Copper - Total	ASP00 6010
Iron - Total	ASP00 6010
Lead - Total	ASP00 6010
Magnesium - Total	ASP00 6010
Manganese - Total	ASP00 6010
Mercury - Total	ASP00 7470
Nickel - Total	ASP00 6010
Potassium - Total	ASP00 6010
Selenium - Total	ASP00 6010
Silver - Total	ASP00 6010
Sodium - Total	ASP00 6010
Thallium - Total	ASP00 6010
Vanadium - Total	ASP00 6010
Zinc - Total	ASP00 6010

ASP00 "Analytical Services Protocol", New York State Department of Conservation,
June 2000.

NON-CONFORMANCE SUMMARY

Job#: A04-A394STL Project#: NY1A8770.9SDG#: 1020SSite Name: NYS DEC ASP Contract #C004154 - Region 9General Comments

The enclosed data 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

A04-A394

Sample Cooler(s) were received at the following temperature(s); 2.0 °C

There were two bottles received labelled as 102D. One sample was identified as 109D based on the time written on its bottle.

GC/MS Volatile Data

The Relative Percent Difference (RPD) between the Matrix Spike and the Matrix Spike duplicate of sample A883T1S exceeded quality control limits for the analytes 1,1-Dichloroethene, Benzene, Chlorobenzene, Toluene, and Trichloroethene. The Matrix Spike Blank recoveries were compliant, so no corrective action is required.

The analytes Acetone and Bromomethane were detected in the Method Blank A4B18423 (VELK54) 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 spike recovery of the analyte Chlorobenzene in the Matrix Spike and the analytes Benzene, Chlorobenzene, Toluene, and Trichloroethene in the Matrix Spike Duplicate of sample A883S1 fell below quality control limits. The Matrix Spike Blank recoveries were compliant, so no corrective action is required.

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

Date: 11/19/2004
Time: 10:38:25

Dilution Log w/Code Information
For Job A04-A394

8/1322
Page: 1
Rept: AN1266R

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Parameter (Inorganic)/Method (Organic)</u>	<u>Dilution</u>	<u>Code</u>
A883T1S	A4A39415	8260/5ML	10.00	003
A883T1S	A4A39415	Potassium - Total	10.00	
A883T1S	A4A39415	Sodium - Total	10.00	
A883T1S MS	A4A39415MS	8260/5ML	10.00	003
A883T1S SD	A4A39415SD	8260/5ML	10.00	003

Dilution Code Definition:

- 002 - sample matrix effects
- 003 - excessive foaming
- 004 - high levels of non-target compounds
- 005 - sample matrix resulted in method non-compliance for an Internal Standard
- 006 - sample matrix resulted in method non-compliance for Surrogate
- 007 - nature of the TCLP matrix
- 008 - high concentration of target analyte(s)
- 009 - sample turbidity
- 010 - sample color
- 011 - insufficient volume for lower dilution
- 012 - sample viscosity
- 013 - other

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATIONSAMPLE PREPARATION AND ANALYSIS SUMMARY
VOLATILE ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	DATE COLLECTED	DATE RECEIVED AT LAB	DATE EXTRACTED	DATE ANALYZED
A88309	WATER	10/20/2004	10/21/2004	-	10/26/2004
A88310	WATER	10/20/2004	10/21/2004	-	10/26/2004
A88313	WATER	10/20/2004	10/21/2004	-	10/26/2004
A8831D	WATER	10/20/2004	10/21/2004	-	10/25/2004
A8831I	WATER	10/20/2004	10/21/2004	-	10/26/2004
A8832D	WATER	10/20/2004	10/21/2004	-	10/25/2004
A8833D	WATER	10/20/2004	10/21/2004	-	10/26/2004
A8833I	WATER	10/20/2004	10/21/2004	-	10/26/2004
A8834D	WATER	10/20/2004	10/21/2004	-	10/26/2004
A8834I	WATER	10/20/2004	10/21/2004	-	10/26/2004
A8837I	WATER	10/20/2004	10/21/2004	-	10/26/2004
A8837S	WATER	10/20/2004	10/21/2004	-	10/26/2004
A8838D	WATER	10/20/2004	10/21/2004	-	10/26/2004
A8838I	WATER	10/20/2004	10/21/2004	-	10/26/2004
A883S1	SEDIM	10/20/2004	10/21/2004	-	10/27/2004
A883T1S	LEACH	10/20/2004	10/21/2004	-	10/26/2004

NYSDEC-2

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
BN-A ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	DATE COLLECTED	DATE RECEIVED AT LAB	DATE EXTRACTED	DATE ANALYZED
A883T1S	LEACH	10/20/2004	10/21/2004	10/26/2004	11/02/2004

NYSDEC-3

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
PESTICIDE/PCB ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	DATE COLLECTED	DATE RECEIVED AT LAB	DATE EXTRACTED	DATE ANALYZED
A883T1S	LEACH	10/20/2004	10/21/2004	10/23/2004	10/26/2004

NYSDEC-4

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
ORGANIC ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	ANALYTICAL PROTOCOL	EXTRACTION METHOD	AUXILIARY CLEAN UP	DIL/CONC FACTOR
A88309	WATER	ASP00	-	AS REQUIRED	AS REQUIRED
A88310	WATER	ASP00	-	AS REQUIRED	AS REQUIRED
A88313	WATER	ASP00	-	AS REQUIRED	AS REQUIRED
A8831D	WATER	ASP00	-	AS REQUIRED	AS REQUIRED
A8831I	WATER	ASP00	-	AS REQUIRED	AS REQUIRED
A8832D	WATER	ASP00	-	AS REQUIRED	AS REQUIRED
A8833D	WATER	ASP00	-	AS REQUIRED	AS REQUIRED
A8833I	WATER	ASP00	-	AS REQUIRED	AS REQUIRED
A8834D	WATER	ASP00	-	AS REQUIRED	AS REQUIRED
A8834I	WATER	ASP00	-	AS REQUIRED	AS REQUIRED
A8837I	WATER	ASP00	-	AS REQUIRED	AS REQUIRED
A8837S	WATER	ASP00	-	AS REQUIRED	AS REQUIRED
A8838D	WATER	ASP00	-	AS REQUIRED	AS REQUIRED
A8838I	WATER	ASP00	-	AS REQUIRED	AS REQUIRED
A883S1	SEDIM	ASP00	-	AS REQUIRED	AS REQUIRED
A883T1S	LEACH	ASP00	SEPF	AS REQUIRED	AS REQUIRED

DATA COMMENT PAGE

ORGANIC DATA QUALIFIERS

- ND or U Indicates compound was analyzed for, but not detected at or above the reporting limit.
- 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 a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on the data page and flagged with a "P".
- A This flag indicates that a TIC is a suspected aldol-condensation product.
- 1 Indicates coelution.
- * Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

- ND or U Indicates element was analyzed for, but not detected at or above the reporting limit.
- 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.
- K Indicates the post digestion spike recovery is not within the quality control limits.
- S Indicates value determined by the Method of Standard Addition.
- M Indicates duplicate injection results exceeded quality control limits.
- W Post digestion spike for Furnace AA analysis is out of quality control limits (85-115%) while sample absorbance is less than 50% of spike absorbance.
- 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 analysis is not within the quality control limits.
- + Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

Print Legibly

CAUTION (check if applicable)

Lab personnel are expected to use caution when handling DEC samples, however, please use special caution when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic materials(s)

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

- 2. 13PP Metals, 3. Volatiles—(USEPA 624 GC/MS), 4. Acids Base/Neutrals (USEPA 624 GC/MS), 5. Cyanide, 6. Pesticides/PCBs (USEPA 608-GC), 7. Halogenated Volatiles (USEPA 601 GC), 8. Aromatic Volatiles USEPA 602 GC, 9. BOD, 10. pH, 11. COD, 12. TSS, 13. Settleable Solids, 14. TKN, 15. Ammonia, 16. Nitrate/Nitrite, 17. Total Phosphorus, 18. Reactive Phosphorus, 19. Oil/Grease, 20. TOC, 21. Total Phenols, 22. Other, 59. PCBs at 0.065 ug/l, 60. PCBs congener method (ASP 91-11), 62. CBOD, 64. Total Solids, 65. Volatiles (USEPA 524.2 GC/MS)

CONTRACT LABORATORY PROTOCOLS

- 23 (ALL)—Water—Includes 24-28, 24 Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #95-2), 25 Volatile Organic Analysis VOA—Water—GC/MS (ASP #95-1), 26 Pesticides/PCBs—Water—GC/MS (ASP #95-3), 27 Metals—23 in Water, 28 Cyanide—Water, 66 Dioxin-Water (ASP #91-7), 35 Other, 29. (ALL)—Soil/Sediments—Includes 30-34, 30. (B/N/A)—Soil/Sediments—GC/MS (ASP #95-2), 31. VOA—Soil/Sediments—GC/MS (ASP #95-1), 32. Pesticides/PCBs—Soil/Sediments—GC (ASP #95-3), 33. Metals—23 in Soil/Sediments, 34. Cyanide—Soil/Sediments, 67. Dioxin-Soil/Sediments (ASP #91-7)

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

- 36. EP Toxicity, 37. EP Toxicity (Metals Only), 38. Ignitability, 39. Corrosivity, 40. VOA—(USEPA 8260 GC/MS), 41. BNA—(USEPA 8270 GC/MS), 42. Pesticides/PCBs (USEPA 8081), 43. TCLP, 44. TCLP (Metals Only), 45. Reactivity, 46. Dioxin (USEPA 8280), 47. Appendix IX, 48. Other, 63 Percent Solids, 68. Metals—17 Hazardous

MUNICIPAL SLUDGE

- 56. RS-01, 57. RS-02, 58. Other

COLLECTED BY: SP Sadecki / JA Kowalska TELEPHONE NUMBER: 716-851-7220 REGION NO.: 9

CONTRACT LABORATORY: SITC COUNTY: ALLEGANY SAMPLING DATE: 10/20/04 MILITARY TIME: 1305

SAMPLE MATRIX:

- Air, Soil/Sediment, Groundwater, Surface Water, Wastewater, Other

CASE NO. S1419104 SDG NO. 1192101 SAMPLE NO. A48318I CHECK FOR MS/MD [] This sample TYPE OF SAMPLE [X] Grab [] Composite [] Term hours

Check if there will be more samples with this SDG sent in this calendar week.

SAMPLING POINT:

MCW-108 I

Report via Category B, unless checked []

Check if field duplicate [] Outfall Number

Check if sampling is part of inspection []

FLOW: GPD MGD

SPDES NUMBER/REGISTRY NUMBER

910121211141

NYS DEC
NYS DEC ASP CONTRACT #C004154 - REGION 9
NYSDEC - AQUEOUS-ASP00/8260 VOLATILES
ANALYSIS DATA SHEET

Client No.

A883T1S

Lab Name: STL Buffalo

Contract: C004154

Lab Code: RECNY Case No.: SH904 SAS No.: _____ SDG No.: 1020S

Matrix: (soil/water) WATER

Lab Sample ID: A4A39415

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

Lab File ID: F4321.RR

Level: (low/med) LOW

Date Samp/Recv: 10/20/2004 10/21/2004

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 10/26/2004

GC Column: DB-624 ID: 0.20 (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
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane /	100		U
156-60-5	trans-1,2-Dichloroethene /	100		U
1634-04-4	Methyl tert-butyl ether	100		U
156-59-2	cis-1,2-Dichloroethene	100		U
110-82-7	Cyclohexane	100		U
108-87-2	Methylcyclohexane	100		U
106-93-4	1,2-Dibromoethane (Ethylene dibromide)	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	1000		U
120-82-1	1,2,4-Trichlorobenzene	100		U
79-20-9	Methyl Acetate	100		U

NYS DEC
 NYS DEC ASP CONTRACT #C004154 - REGION 9
 NYSDEC - AQUEOUS-ASP00/8260 VOLATILES
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

A883T1S

Lab Name: STL BuffaloContract: C004154Lab Code: RECN Case No.: SH904 SAS No.: _____ SDG No.: 1020SMatrix: (soil/water) WATERLab Sample ID: A4A39415Sample wt/vol: 5.00 (g/mL) MLLab File ID: F4321.RRLevel: (low/med) LOWDate Samp/Recv: 10/20/2004 10/21/2004

% Moisture: not dec. _____

Date Analyzed: 10/26/2004GC Column: DB-624 ID: 0.20 (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

NYS DEC
 NYS DEC ASP CONTRACT #C004154 - REGION 9
 NYSDEC - ASP00 8270 - TCL SEMI-VOLATILE ORGANICS
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

A883T1S

Lab Name: STL Buffalo Contract: C004154

Lab Code: RECNY Case No.: SH904 SAS No.: _____ SDG No.: 1020S

Matrix: (soil/water) WATER Lab Sample ID: A4A39415

Sample wt/vol: 1055.0 (g/mL) ML Lab File ID: Z62709.RR

Level: (low/med) LOW Date Samp/Recv: 10/20/2004 10/21/2004

% Moisture: _____ decanted: (Y/N) N Date Extracted: 10/26/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/02/2004

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 30

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

CAS NO.	Compound Name	RT	Est. Conc.	Q
24.	UNKNOWN	15.25	7	J
25.	UNKNOWN	16.31	5	J
26.	UNKNOWN	16.91	340	J
27. 934-34-9	2 (3H) BENZOTHIAZOLONE	17.20	34	JN
28.	NAPHTHALENECARBOXYLIC ACID I	17.28	14	J
29.	UNKNOWN	17.50	39	J
30.	UNKNOWN	18.73	120	J

NYS DEC
NYS DEC ASP CONTRACT #C004154 - REGION 9
NYSDEC - AQUEOUS-ASP 2000- METHOD 8081 PESTICIDES
ANALYSIS DATA SHEET

Client No.

A883T1S

Lab Name: STL BuffaloContract: C004154Lab Code: RECNYCase No.: SH904

SAS No.: _____

SDG No.: 1020SMatrix: (soil/water) WATERLab Sample ID: A4A39415Sample wt/vol: 1030.00 (g/mL) MLLab File ID: 18A31166.TX0% Moisture: _____ decanted: (Y/N) NDate Samp/Recv: 10/20/2004 10/21/2004Extraction: (SepF/Cont/Sonc/Soxh): SEPFDate Extracted: 10/23/2004Concentrated Extract Volume: 10000 (uL)Date Analyzed: 10/26/2004Injection Volume: 1.00 (uL)Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: 6.00Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

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

Q

CAS NO.	COMPOUND	CONCENTRATION UNITS:	Q
319-84-6	alpha-BHC	0.048	U
319-85-7	beta-BHC	0.048	U
319-86-8	delta-BHC	0.095	J
58-89-9	gamma-BHC (Lindane)	0.048	U
76-44-8	Heptachlor	0.039	J
309-00-2	Aldrin	0.048	U
1024-57-3	Heptachlor epoxide	0.048	U
959-98-8	Endosulfan I (Alpha)	0.097	U
60-57-1	Dieldrin	0.097	U
72-55-9	4,4'-DDE	0.097	U
72-20-8	Endrin	0.065	J
33213-65-9	Endosulfan II (Beta)	0.033	J
72-54-8	4,4'-DDD	0.024	J
1031-07-8	Endosulfan sulfate	0.097	U
50-29-3	4,4'-DDT	0.097	U
72-43-5	Methoxychlor	0.48	U
53494-70-5	Endrin ketone	0.097	U
7421-93-4	Endrin aldehyde	0.19	U
5103-71-9	Chlordane (alpha & gamma)	0.048	U
5103-74-2	Chlordane (alpha & gamma)	0.048	U
8001-35-2	Toxaphene	0.97	U

STL BUFFALO**NYS DEC**

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

A883T1S

Contract: NY00-096Lab Code: STLBFL0Case No.: SH904

SAS No.: _____

SDG NO.: 1020SMatrix (soil/water): WATERLab Sample ID: AD457136Level (low/med): LOWDate Received: 10/21/2004Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	37.6	B		P
7440-36-0	Antimony	5.0	U		P
7440-38-2	Arsenic	2.8	B		P
7440-39-3	Barium	420			P
7440-41-7	Beryllium	0.19	U		P
7440-43-9	Cadmium	0.34	U		P
7440-70-2	Calcium	48800			P
7440-47-3	Chromium	23.8			P
7440-48-4	Cobalt	3.6	B		P
7440-50-8	Copper	6.1	B		P
7439-89-6	Iron	7570			P
7439-92-1	Lead	8.1			P
7439-95-4	Magnesium	25000			P
7439-96-5	Manganese	1200			P
7440-02-0	Nickel	129			P
7440-09-7	Potassium	28300	B		P
7782-49-2	Selenium	5.0	U		P
7440-22-4	Silver	0.69	U		P
7439-97-6	Mercury	0.087	U		CV
7440-23-5	Sodium	685000			P
7440-28-0	Thallium	5.1	U		P
7440-62-2	Vanadium	3.0	B		P
7440-66-6	Zinc	12.4	B		P

Color Before: YELLOWClarity Before: CLEARTexture: NONEColor After: COLORLESSClarity After: CLEAR

Artifacts: _____

Comments:

NYS DEC
NYS DEC ASP CONTRACT #C004154 - REGION 9
NYSDEC - AQUEOUS-ASP00/8260 VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

AB831I

Lab Name: STL Buffalo

Contract: C004154

Lab Code: RECNY Case No.: SH904 SAS No.: _____ SDG No.: 1020S

Matrix: (soil/water) WATER Lab Sample ID: A4A39402

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F4307.RR

Level: (low/med) LOW Date Samp/Recv: 10/20/2004 10/21/2004

% Moisture: not dec. _____ Date Analyzed: 10/26/2004

GC Column: DB-624 ID: 0.20 (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

STL BUFFALO

NYS DEC

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

A8831I

Contract: NY00-096

Lab Code: STLBFLO

Case No.: SH904

SAS No.:

SDG NO.: 1020S

Matrix (soil/water): WATER

Lab Sample ID: AD457123

Level (low/med): LOW

Date Received: 10/21/2004

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	8730			P
7440-36-0	Antimony	5.0	U		P
7440-38-2	Arsenic	5.5	B		P
7440-39-3	Barium	173	B		P
7440-41-7	Beryllium	0.19	U		P
7440-43-9	Cadmium	0.42	B		P
7440-70-2	Calcium	81100			P
7440-47-3	Chromium	7.5	B		P
7440-48-4	Cobalt	6.8	B		P
7440-50-8	Copper	14.7	B		P
7439-89-6	Iron	12300			P
7439-92-1	Lead	4.7			P
7439-95-4	Magnesium	36200			P
7439-96-5	Manganese	486			P
7440-02-0	Nickel	11.8	B		P
7440-09-7	Potassium	7720			P
7782-49-2	Selenium	5.0	U		P
7440-22-4	Silver	0.69	U		P
7439-97-6	Mercury	0.087	U		CV
7440-23-5	Sodium	5880			P
7440-28-0	Thallium	5.1	U		P
7440-62-2	Vanadium	12.1	B		P
7440-66-6	Zinc	27.9			P

Color Before: GRAY Clarity Before: CLOUDY Texture: NONE

Color After: GRAY Clarity After: CLOUDY Artifacts:

Comments:

NYS DEC
NYS DEC ASP CONTRACT #C004154 - REGION 9
NYSDEC - AQUEOUS-ASP00/8260 VOLATILES
ANALYSIS DATA SHEET

Client No.

A8832D

Lab Name: STL BuffaloContract: C004154Lab Code: RECONY Case No.: SH904 SAS No.: _____ SDG No.: 1020SMatrix: (soil/water) WATERLab Sample ID: A4A39403Sample wt/vol: 5.00 (g/mL) MLLab File ID: F4300.RRLevel: (low/med) LOWDate Samp/Recv: 10/20/2004 10/21/2004% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 10/25/2004GC Column: DB-624 ID: 0.20 (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 tert-butyl ether		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 (Ethylene dibromide)		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		100	U
120-82-1-----	1,2,4-Trichlorobenzene		10	U
79-20-9-----	Methyl Acetate		10	U

NYS DEC
 NYS DEC ASP CONTRACT #C004154 - REGION 9
 NYSDEC - AQUEOUS-ASP00/8260 VOLATILES
 ANALYSIS DATA SHEET

Client No.

A8833D

Lab Name: STL BuffaloContract: C004154Lab Code: RECNVCase No.: SH904

SAS No.: _____

SDG No.: 1020SMatrix: (soil/water) WATERLab Sample ID: A4A39405Sample wt/vol: 5.00 (g/mL) MLLab File ID: F4311.RRLevel: (low/med) LOWDate Samp/Recv: 10/20/2004 10/21/2004% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 10/26/2004GC Column: DB-624 ID: 0.20 (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 tert-butyl ether		10	U
156-59-2-----	cis-1,2-Dichloroethene		6	J
110-82-7-----	Cyclohexane		10	U
108-87-2-----	Methylcyclohexane		10	U
106-93-4-----	1,2-Dibromoethane (Ethylene dibromide)		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		100	U
120-82-1-----	1,2,4-Trichlorobenzene		10	U
79-20-9-----	Methyl Acetate		10	U

NYS DEC
 NYS DEC ASP CONTRACT #C004154 - REGION 9
 NYSDEC - AQUEOUS-ASP00/8260 VOLATILES
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

A8833D

Lab Name: STL Buffalo Contract: C004154Lab Code: RECONY Case No.: SH904 SAS No.: _____ SDG No.: 1020SMatrix: (soil/water) WATER Lab Sample ID: A4A39405Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F4311.RRLevel: (low/med) LOW Date Samp/Recv: 10/20/2004 10/21/2004% Moisture: not dec. _____ Date Analyzed: 10/26/2004GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.00

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

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

CAS NO.	Compound Name	RT	Est. Conc.	Q

STL BUFFALO

NYS DEC

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

A8833D

Contract: NY00-096

Lab Code: STLBFO

Case No.: SH904

SAS No.:

SDG No.: 1020S

Matrix (soil/water): WATER

Lab Sample ID: AD457126

Level (low/med): LOW

Date Received: 10/21/2004

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	37.1	B		P
7440-36-0	Antimony	5.0	U		P
7440-38-2	Arsenic	2.6	U		P
7440-39-3	Barium	59.9	B		P
7440-41-7	Beryllium	0.19	U		P
7440-43-9	Cadmium	0.34	U		P
7440-70-2	Calcium	29200			P
7440-47-3	Chromium	0.65	U		P
7440-48-4	Cobalt	0.86	U		P
7440-50-8	Copper	1.3	U		P
7439-89-6	Iron	36.8	B		P
7439-92-1	Lead	1.3	U		P
7439-95-4	Magnesium	11300			P
7439-96-5	Manganese	3.2	B		P
7440-02-0	Nickel	1.2	U		P
7440-09-7	Potassium	1820	B		P
7782-49-2	Selenium	5.0	U		P
7440-22-4	Silver	0.69	U		P
7439-97-6	Mercury	0.087	U		CV
7440-23-5	Sodium	3620	B		P
7440-28-0	Thallium	5.1	U		P
7440-62-2	Vanadium	0.58	U		P
7440-66-6	Zinc	0.81	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

NYS DEC
 NYS DEC ASP CONTRACT #C004154 - REGION 9
 NYSDEC - AQUEOUS-ASP00/8260 VOLATILES
 ANALYSIS DATA SHEET

Client No.

A88331

Lab Name: STL BuffaloContract: C004154Lab Code: RECNYCase No.: SH904

SAS No.: _____

SDG No.: 1020SMatrix: (soil/water) WATERLab Sample ID: AAA39404Sample wt/vol: 5.00 (g/mL) MLLab File ID: F4310.RRLevel: (low/med) LOWDate Samp/Recv: 10/20/2004 10/21/2004% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 10/26/2004GC Column: DB-624 ID: 0.20 (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)	<u>UG/L</u>	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 tert-butyl ether		10	U
156-59-2-----	cis-1,2-Dichloroethene		8	J
110-82-7-----	Cyclohexane		10	U
108-87-2-----	Methylcyclohexane		10	U
106-93-4-----	1,2-Dibromoethane (Ethylene dibromide)		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		100	U
120-82-1-----	1,2,4-Trichlorobenzene		10	U
79-20-9-----	Methyl Acetate		10	U

NYS DEC
NYS DEC ASP CONTRACT #C004154 - REGION 9
NYSDEC - AQUEOUS-ASP00/8260 VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

A8833I

Lab Name: STL Buffalo Contract: C004154

Lab Code: REQNY Case No.: SH904 SAS No.: _____ SDG No.: 1020S

Matrix: (soil/water) WATER Lab Sample ID: AAA39404

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F4310.RR

Level: (low/med) LOW Date Samp/Recv: 10/20/2004 10/21/2004

% Moisture: not dec. _____ Date Analyzed: 10/26/2004

GC Column: DB-624 ID: 0.20 (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

NYS DEC
 NYS DEC ASP CONTRACT #C004154 - REGION 9
 NYSDEC - AQUEOUS-ASP00/8260 VOLATILES
 ANALYSIS DATA SHEET

MW-104D

Client No.

A8834D

Lab Name: STL BuffaloContract: C004154Lab Code: RECNYCase No.: SH904

SAS No.: _____

SDG No.: 1020SMatrix: (soil/water) WATERLab Sample ID: A4A39406Sample wt/vol: 5.00 (g/mL) MLLab File ID: F4312.RRLevel: (low/med) LOWDate Samp/Recv: 10/20/2004 10/21/2004% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 10/26/2004GC Column: DB-624 ID: 0.20 (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	Xylene, Total		10	U
75-71-8	Dichlorodifluoromethane		10	U
75-69-4	Trichlorofluoromethane		10	U

NYS DEC
 NYS DEC ASP CONTRACT #C004154 - REGION 9
 NYSDEC - AQUEOUS-ASP00/8260 VOLATILES
 ANALYSIS DATA SHEET

Client No.

A8834D

Lab Name: STL BuffaloContract: C004154Lab Code: RECNY Case No.: SH904 SAS No.: _____ SDG No.: 1020SMatrix: (soil/water) WATERLab Sample ID: A4A39406Sample wt/vol: 5.00 (g/mL) MLLab File ID: F4312.RRLevel: (low/med) LOWDate Samp/Recv: 10/20/2004 10/21/2004% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 10/26/2004GC Column: DB-624 ID: 0.20 (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 tert-butyl ether	10	U
156-59-2-----	cis-1,2-Dichloroethene	2	J
110-82-7-----	Cyclohexane	10	U
108-87-2-----	Methylcyclohexane	10	U
106-93-4-----	1,2-Dibromoethane (Ethylene dibromide)	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	100	U
120-82-1-----	1,2,4-Trichlorobenzene	10	U
79-20-9-----	Methyl Acetate	10	U

NYS DEC
 NYS DEC ASP CONTRACT #C004154 - REGION 9
 NYSDEC - AQUEOUS-ASP00/8260 VOLATILES
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

A8834D

Lab Name: STL Buffalo Contract: C004154Lab Code: RECN Case No.: SH904 SAS No.: _____ SDG No.: 1020SMatrix: (soil/water) WATERLab Sample ID: AAA39406Sample wt/vol: 5.00 (g/mL) MLLab File ID: F4312.RRLevel: (low/med) LOWDate Samp/Recv: 10/20/2004 10/21/2004

% Moisture: not dec. _____

Date Analyzed: 10/26/2004GC Column: DB-624 ID: 0.20 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

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

CAS NO.	Compound Name	RT	Est. Conc.	Q

NYS DEC
-1-
INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

A8834D

Contract: NY00-096

Lab Code: STLBFLO Case No.: SH904 SAS No.: _____ SDG NO.: 1020S

Matrix (soil/water): WATER Lab Sample ID: AD457127

Level (low/med): LOW Date Received: 10/21/2004

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	114	B		P
7440-36-0	Antimony	5.0	U		P
7440-38-2	Arsenic	2.6	U		P
7440-39-3	Barium	49.4	B		P
7440-41-7	Beryllium	0.19	U		P
7440-43-9	Cadmium	1.3	B		P
7440-70-2	Calcium	46600			P
7440-47-3	Chromium	0.65	U		P
7440-48-4	Cobalt	0.86	U		P
7440-50-8	Copper	5.3	B		P
7439-89-6	Iron	147			P
7439-92-1	Lead	1.3	U		P
7439-95-4	Magnesium	21800			P
7439-96-5	Manganese	8.8	B		P
7440-02-0	Nickel	1.2	U		P
7440-09-7	Potassium	2610	B		P
7782-49-2	Selenium	5.0	U		P
7440-22-4	Silver	0.69	U		P
7439-97-6	Mercury	0.087	U		CV
7440-23-5	Sodium	4510	B		P
7440-28-0	Thallium	5.1	U		P
7440-62-2	Vanadium	0.58	U		P
7440-66-6	Zinc	1.6	B		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments: _____

NYS DEC
NYS DEC ASP CONTRACT #C004154 - REGION 9
NYSDEC - AQUEOUS-ASP00/8260 VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

A8834I

Lab Name: STL Buffalo Contract: C004154

Lab Code: REONY Case No.: SH904 SAS No.: _____ SDG No.: 1020S

Matrix: (soil/water) WATER Lab Sample ID: AAA39407

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F4313.RR

Level: (low/med) LOW Date Samp/Recv: 10/20/2004 10/21/2004

% Moisture: not dec. _____ Date Analyzed: 10/26/2004

GC Column: DB-624 ID: 0.20 (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

NYS DEC
NYS DEC ASP CONTRACT #C004154 - REGION 9
NYSDEC - AQUEOUS-ASP00/8260 VOLATILES
ANALYSIS DATA SHEET

MW-107I

Client No.

A8837I

Lab Name: STL Buffalo Contract: C004154

Lab Code: REQNY Case No.: SH904 SAS No.: SDG No.: 1020S

Matrix: (soil/water) WATER Lab Sample ID: A4A39408

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F4314.RR

Level: (low/med) LOW Date Samp/Recv: 10/20/2004 10/21/2004

% Moisture: not dec. Heated Purge: N Date Analyzed: 10/26/2004

GC Column: DB-624 ID: 0.20 (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

Table with 4 columns: CAS NO., COMPOUND, UG/L, and Q. Lists various chemical compounds such as Chloromethane, Bromomethane, Vinyl chloride, Chloroethane, Methylene chloride, Acetone, Carbon disulfide, 1,1-Dichloroethene, 1,1-Dichloroethane, Chloroform, 1,2-Dichloroethane, 2-Butanone, 1,1,1-Trichloroethane, Carbon tetrachloride, Bromodichloromethane, 1,2-Dichloropropane, cis-1,3-Dichloropropene, Trichloroethene, Dibromochloromethane, 1,1,2-Trichloroethane, Benzene, trans-1,3-Dichloropropene, Bromoform, 4-Methyl-2-pentanone, 2-Hexanone, Tetrachloroethene, Toluene, 1,1,2,2-Tetrachloroethane, Chlorobenzene, Ethylbenzene, Styrene, Xylene, Total, Dichlorodifluoromethane, and Trichlorofluoromethane. All UG/L values are 10 and Q values are U.

NYS DEC
 NYS DEC ASP CONTRACT #C004154 - REGION 9
 NYSDEC - AQUEOUS-ASP00/8260 VOLATILES
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

A8837I

Lab Name: STL BuffaloContract: C004154Lab Code: RECONYCase No.: SH904

SAS No.: _____

SDG No.: 1020SMatrix: (soil/water) WATERLab Sample ID: AAA39408Sample wt/vol: 5.00 (g/mL) MLLab File ID: F4314.RRLevel: (low/med) LOWDate Samp/Recv: 10/20/2004 10/21/2004

% Moisture: not dec. _____

Date Analyzed: 10/26/2004GC Column: DB-624 ID: 0.20 (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

NYS DEC
NYS DEC ASP CONTRACT #C004154 - REGION 9
NYSDEC - AQUEOUS-ASP00/8260 VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

A8838D

Lab Name: STL Buffalo Contract: C004154

Lab Code: REONY Case No.: SH904 SAS No.: _____ SDG No.: 1020S

Matrix: (soil/water) WATER Lab Sample ID: AAA39410

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F4316.RR

Level: (low/med) LOW Date Samp/Recv: 10/20/2004 10/21/2004

% Moisture: not dec. _____ Date Analyzed: 10/26/2004

GC Column: DB-624 ID: 0.20 (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

NYS DEC
 NYS DEC ASP CONTRACT #C004154 - REGION 9
 NYSDEC - AQUEOUS-ASP00/8260 VOLATILES
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

A88310

Lab Name: STL Buffalo Contract: C004154

Lab Code: RECONY Case No.: SH904 SAS No.: _____ SDG No.: 1020S

Matrix: (soil/water) WATER Lab Sample ID: AAA39413

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F4319.RR

Level: (low/med) LOW Date Samp/Recv: 10/20/2004 10/21/2004

% Moisture: not dec. _____ Date Analyzed: 10/26/2004

GC Column: DB-624 ID: 0.20 (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

NYS DEC
NYS DEC ASP CONTRACT #C004154 - REGION 9
NYSDEC - AQUEOUS-ASP00/8260 VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

A8838I

Lab Name: STL BuffaloContract: C004154Lab Code: RECNCase No.: SH904

SAS No.: _____

SDG No.: 1020SMatrix: (soil/water) WATERLab Sample ID: A4A39411Sample wt/vol: 5.00 (g/mL) MLLab File ID: F4317.RRLevel: (low/med) LOWDate Samp/Recv: 10/20/2004 10/21/2004

% Moisture: not dec. _____

Date Analyzed: 10/26/2004GC Column: DB-624 ID: 0.20 (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

NYS DEC
 NYS DEC ASP CONTRACT #C004154 - REGION 9
 NYSDEC - AQUEOUS-ASP00/8260 VOLATILES
 ANALYSIS DATA SHEET

Client No.

A88309

Lab Name: STL BuffaloContract: C004154Lab Code: REONY Case No.: SH904 SAS No.: _____ SDG No.: 1020SMatrix: (soil/water) WATERLab Sample ID: A4A39412Sample wt/vol: 5.00 (g/mL) MLLab File ID: F4318.RRLevel: (low/med) LOWDate Samp/Recv: 10/20/2004 10/21/2004% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 10/26/2004GC Column: DB-624 ID: 0.20 (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 tert-butyl ether		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 (Ethylene dibromide)		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		100	U
120-82-1-----	1,2,4-Trichlorobenzene		10	U
79-20-9-----	Methyl Acetate		10	U

NYS DEC
 NYS DEC ASP CONTRACT #C004154 - REGION 9
 NYSDEC - AQUEOUS-ASP00/8260 VOLATILES
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

A88309

Lab Name: STL Buffalo Contract: C004154

Lab Code: RECNV Case No.: SH904 SAS No.: _____ SDG No.: 1020S

Matrix: (soil/water) WATER Lab Sample ID: A4A39412

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F4318.RR

Level: (low/med) LOW Date Samp/Recv: 10/20/2004 10/21/2004

% Moisture: not dec. _____ Date Analyzed: 10/26/2004

GC Column: DB-624 ID: 0.20 (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

NYS DEC

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

A88309

Contract: NY00-096Lab Code: STLBFLOCase No.: SH904

SAS No.: _____

SDG NO.: 10208Matrix (soil/water): WATERLab Sample ID: AD457133Level (low/med): LOWDate Received: 10/21/2004Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	18.4	U		P
7440-36-0	Antimony	5.0	U		P
7440-38-2	Arsenic	2.6	U		P
7440-39-3	Barium	86.2	B		P
7440-41-7	Beryllium	0.19	U		P
7440-43-9	Cadmium	0.34	U		P
7440-70-2	Calcium	22100			P
7440-47-3	Chromium	0.65	U		P
7440-48-4	Cobalt	0.86	U		P
7440-50-8	Copper	6.3	B		P
7439-89-6	Iron	513			P
7439-92-1	Lead	1.3	U		P
7439-95-4	Magnesium	10100			P
7439-96-5	Manganese	146			P
7440-02-0	Nickel	1.4	B		P
7440-09-7	Potassium	2230	B		P
7782-49-2	Selenium	5.0	U		P
7440-22-4	Silver	0.69	U		P
7439-97-6	Mercury	0.087	U		CV
7440-23-5	Sodium	3340	B		P
7440-28-0	Thallium	5.1	U		P
7440-62-2	Vanadium	0.58	U		P
7440-66-6	Zinc	3.1	B		P

Color Before: COLORLESSClarity Before: CLEARTexture: NONEColor After: COLORLESSClarity After: CLEAR

Artifacts: _____

Comments: _____

NYS DEC
 NYS DEC ASP CONTRACT #C004154 - REGION 9
 NYSDEC - AQUEOUS-ASP00/8260 VOLATILES
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

A88313

Lab Name: STL BuffaloContract: C004154Lab Code: RECNV Case No.: SH904 SAS No.: _____ SDG No.: 1020SMatrix: (soil/water) WATERLab Sample ID: A4A39414Sample wt/vol: 5.00 (g/mL) MLLab File ID: F4320.RRLevel: (low/med) LOWDate Samp/Recv: 10/20/2004 10/21/2004

% Moisture: not dec. _____

Date Analyzed: 10/26/2004GC Column: DB-624 ID: 0.20 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

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

CAS NO.	Compound Name	RT	Est. Conc.	Q

NYS DEC
 NYS DEC ASP CONTRACT #C004154 - REGION 9
 NYSDEC - SOIL-ASP00/8260 VOLATILES
 ANALYSIS DATA SHEET

Client No.

A883S1

Lab Name: STL BuffaloContract: C004154Lab Code: RECNY Case No.: SH904 SAS No.: _____ SDG No.: 1020SMatrix: (soil/water) SOILLab Sample ID: AAA39417Sample wt/vol: 5.00 (g/mL) GLab File ID: F4357.RRLevel: (low/med) LOWDate Samp/Recv: 10/20/2004 10/21/2004% Moisture: not dec. 43.7 Heated Purge: YDate Analyzed: 10/27/2004GC Column: DB-624 ID: 0.20 (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	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 tert-butyl ether	18	/	U
110-82-7	Cyclohexane	18	/	U
108-87-2	Methylcyclohexane	18	/	U
106-93-4	1,2-Dibromoethane (Ethylene dibromide)	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

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NYS DEC
 NYS DEC ASP CONTRACT #C004154 - REGION 9
 NYSDEC - SOIL-ASP00/8260 VOLATILES
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

A883S1

Lab Name: STL BuffaloContract: C004154Lab Code: RECNVCase No.: SH904

SAS No.: _____

SDG No.: 1020SMatrix: (soil/water) SOILLab Sample ID: A4A39417Sample wt/vol: 5.00 (g/mL) GLab File ID: F4357.RRLevel: (low/med) LOWDate Samp/Recv: 10/20/2004 10/21/2004% Moisture: not dec. 43.7Date Analyzed: 10/27/2004GC Column: DB-624 ID: 0.20 (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	3.18	14	JN

NYS DEC

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

A883P1

Contract: NY00-096Lab Code: STLBFLOCase No.: SH904

SAS No.: _____

SDG No.: 1020SMatrix (soil/water): WATERLab Sample ID: AD457137Level (low/med): LOWDate Received: 10/21/2004Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	18.4	U		P
7440-36-0	Antimony	5.0	U		P
7440-38-2	Arsenic	2.6	U		P
7440-39-3	Barium	58.7	B		P
7440-41-7	Beryllium	0.19	U		P
7440-43-9	Cadmium	0.34	U		P
7440-70-2	Calcium	19000			P
7440-47-3	Chromium	0.65	U		P
7440-48-4	Cobalt	0.86	U		P
7440-50-8	Copper	2.2	B		P
7439-89-6	Iron	197			P
7439-92-1	Lead	1.3	U		P
7439-95-4	Magnesium	6330			P
7439-96-5	Manganese	35.9			P
7440-02-0	Nickel	9.0	B		P
7440-09-7	Potassium	3510	B		P
7782-49-2	Selenium	5.0	U		P
7440-22-4	Silver	0.69	U		P
7439-97-6	Mercury	0.087	U		CV
7440-23-5	Sodium	65700			P
7440-28-0	Thallium	5.1	U		P
7440-62-2	Vanadium	0.58	U		P
7440-66-6	Zinc	2.6	B		P

Color Before: COLORLESSClarity Before: CLEARTexture: NONEColor After: COLORLESSClarity After: CLEAR

Artifacts: _____

Comments:

NYS DEC
 NYS DEC ASP CONTRACT #C004154 - REGION 9
 NYSDEC - AQUEOUS-ASP00/8260 VOLATILES
 ANALYSIS DATA SHEET

Client No.

TB

Lab Name: STL BuffaloContract: C004154Lab Code: REONY Case No.: SH904 SAS No.: _____ SDG No.: 1020SMatrix: (soil/water) WATERLab Sample ID: A4A39418Sample wt/vol: 5.00 (g/mL) MLLab File ID: F4308.RRLevel: (low/med) LOWDate Samp/Recv: 10/20/2004 10/21/2004% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 10/26/2004GC Column: DB-624 ID: 0.20 (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	Xylene, Total		10	U
75-71-8	Dichlorodifluoromethane		10	U
75-69-4	Trichlorofluoromethane		10	U

NYS DEC
 NYS DEC ASP CONTRACT #C004154 - REGION 9
 NYSDEC - AQUEOUS-ASP00/8260 VOLATILES
 ANALYSIS DATA SHEET

Client No.

TB

Lab Name: STL BuffaloContract: C004154Lab Code: RECNV Case No.: SH904 SAS No.: _____ SDG No.: 1020SMatrix: (soil/water) WATERLab Sample ID: A4A39418Sample wt/vol: 5.00 (g/mL) MLLab File ID: F4308.RRLevel: (low/med) LOWDate Samp/Recv: 10/20/2004 10/21/2004% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 10/26/2004GC Column: DB-624 ID: 0.20 (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 tert-butyl ether		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 (Ethylene dibromide)		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		100	U
120-82-1-----	1,2,4-Trichlorobenzene		10	U
79-20-9-----	Methyl Acetate		10	U

NYS DEC
 NYS DEC ASP CONTRACT #C004154 - REGION 9
 NYSDEC - AQUEOUS-ASP00/8260 VOLATILES
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

TB

Lab Name: STL BuffaloContract: C004154Lab Code: RECN Case No.: SH904 SAS No.: _____ SDG No.: 1020SMatrix: (soil/water) WATERLab Sample ID: A4A39418Sample wt/vol: 5.00 (g/mL) MLLab File ID: F4308.RRLevel: (low/med) LOWDate Samp/Recv: 10/20/2004 10/21/2004

% Moisture: not dec. _____

Date Analyzed: 10/26/2004GC Column: DB-624 ID: 0.20 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

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

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 420-56-4	FLUOROTRIMETHYL SILANE	1.76	30	JN

NON-CONFORMANCE SUMMARY

Job#: A04-A608STL Project#: NY1A8770.9SDG#: 10201Site Name: NYS DEC ASP Contract #C004154 - Region 9General Comments

The enclosed data 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

A04-A608

Sample Cooler(s) were received at the following temperature(s); 8.4 °C

The samples for point D88-D1A were received at a temperature of 8.4°C. These samples were analyzed as per instructions from the client.

GC/MS Volatile Data

The ASP Volatile procedure has been modified in order to accommodate the need to analyze method 8260 by ASP protocol. Specifically the internal standard 1,4-Dichlorobenzene-D4, has been used instead of the ASP required internal standard Bromochloromethane.

Sample D88-D1A exhibited a pH 7 at the time of analysis. Although the laboratory performed the analysis within the protocol holding time, sample collection occurred (according to the CLSIS form) on 10/20/04 and therefore analyzed outside the technical holding time of 7 days from sample date. It should be noted that there is a discrepancy between the CLSIS form and chain of custody document, related to sample date.

Metals Data

No deviations from protocol were encountered during the analytical procedures.

Below,

*Please write a memo to the file
addressing this issue re: Sample
Date. Do we know when Mr. Wilson
collected the sample? Please*

Mr. Wilson 607.276.6864

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

11-29-04

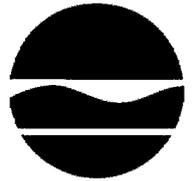
Date

New York State Department of Environmental Conservation

Division of Environmental Remediation, Region 9

270 Michigan Avenue, Buffalo, New York, 14203-2999

Phone: (716) 851-7220 FAX: (716) 851-7226



Erin M. Crotty
Commissioner

MEMORANDUM

To: File
From: Brian Sadowski
Subject: Patton's Busy Bee - Registry #902014 - 5637 Clark Rd.

Date: December 14, 2004

On October 20, 2004 annual groundwater samples were grabbed from the Patton's Busy Bee landfill monitoring wells and select residential wells. This memorandum is in regards to a residential well belonging to Mr. Robert Wilson at 5637 Clark Rd. DEC Jeff Koncella and the author attempted to grab a sample for volatile and metal analysis. Mr. Wilson informed us that his pressure tank was down and that a sample could not be obtained. He volunteered to collect the sample(s) when his pressure tank was back online and send them to the Buffalo office. The samples were received in good condition on October 26, 2004 and delivered to Severn Trent Laboratories, Inc. (STL) on October 27, 2004 with the accompanied Chain of Custody that was also dated October 27, 2004. As stated in the STL Non-Conformance Summary report (att)., the discrepancy is that the Contract Lab Information Sheet (CLSIS) was dated October 20, 2004. Let this memo serve that the sample delivered to STL is in fact water collected by Mr. Wilson. It is not know however, when Mr. Wilson collected the sample(s). An attempt to contact Mr. Wilson was made but, the telephone number proved to be a former employer. The author projects that the sample(s) was collected between 10/20/04 and 10/24/04 allowing for two day mail transport from Alfred Station to Buffalo. The author believes that the results are valid as the sample(s) were analyzed within the seven day protocol time.

10/28/04

Sample collected by
owner Mr. Robert
Wilson. Received
10/26/04. Delivered to
STC 10/27/04.

ANALYTICAL REPORT

Job#: A04-A608

STL Project#: NY1A8770.9

SDG#: 10201

Site Name: NYS DEC ASP Contract #C004154 - Region 9

Task: CASE SH904

Mr. Larry Bailey
NYSDEC
625 Broadway - 4th Floor
Albany, NY 12233

CC: Mr. Mike Hinton

STL Buffalo



Brian J. Fischer
Project Manager

11/29/2004

SAMPLE DATA SUMMARY PACKAGE

SAMPLE SUMMARY

<u>LAB SAMPLE ID</u>	<u>CLIENT SAMPLE ID</u>	<u>SAMPLED</u>		<u>RECEIVED</u>	
		<u>DATE</u>	<u>TIME</u>	<u>DATE</u>	<u>TIME</u>
A4A60801	D88-D1A	10/20/2004	17:00	10/27/2004	15:35

METHODS SUMMARY

Job#: A04-A608STL Project#: NY1A8770.9SDG#: 10201Site Name: NYS DEC ASP Contract #C004154 - Region 9

<u>PARAMETER</u>	<u>ANALYTICAL</u>	<u>METHOD</u>
NYSDEC-AQ-ASP 2000/8260/25ML VOLATILES (UNPRES.)	ASP00	8260
Aluminum - Total	ASP00	CLP-M
Antimony - Total	ASP00	CLP-M
Arsenic - Total	ASP00	CLP-M
Barium - Total	ASP00	CLP-M
Beryllium - Total	ASP00	CLP-M
Cadmium - Total	ASP00	CLP-M
Calcium - Total	ASP00	CLP-M
Chromium - Total	ASP00	CLP-M
Cobalt - Total	ASP00	CLP-M
Copper - Total	ASP00	CLP-M
Iron - Total	ASP00	CLP-M
Lead - Total	ASP00	CLP-M
Magnesium - Total	ASP00	CLP-M
Manganese - Total	ASP00	CLP-M
Mercury - Total	ASP00	CLP-M
Nickel - Total	ASP00	CLP-M
Potassium - Total	ASP00	CLP-M
Selenium - Total	ASP00	CLP-M
Silver - Total	ASP00	CLP-M
Sodium - Total	ASP00	CLP-M
Thallium - Total	ASP00	CLP-M
Vanadium - Total	ASP00	CLP-M
Zinc - Total	ASP00	CLP-M

ASP00 "Analytical Services Protocol", New York State Department of Conservation,
June 2000.

NON-CONFORMANCE SUMMARY

Job#: A04-A608STL Project#: NY1A8770.9SDG#: 10201Site Name: NYS DEC ASP Contract #C004154 - Region 9General Comments

The enclosed data 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

A04-A608

Sample Cooler(s) were received at the following temperature(s); 8.4 °C

The samples for point D88-D1A were received at a temperature of 8.4°C. These samples were analyzed as per instructions from the client.

GC/MS Volatile Data

The ASP Volatile procedure has been modified in order to accommodate the need to analyze method 8260 by ASP protocol. Specifically the internal standard 1,4-Dichlorobenzene-D4, has been used instead of the ASP required internal standard Bromochloromethane.

Sample D88-D1A exhibited a pH 7 at the time of analysis. Although the laboratory performed the analysis within the protocol holding time, sample collection occurred (according to the CLSIS form) on 10/20/04 and therefore analyzed outside the technical holding time of 7 days from sample date. It should be noted that there is a discrepancy between the CLSIS form and chain of custody document, related to sample date.

Metals Data

No deviations from protocol were encountered during the analytical procedures.

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

11-21-04

Date

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATIONSAMPLE 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
D88-D1A	A4A60801	ASP00	-	-	-	ASP00	-	-

NYSDEC-1

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATIONSAMPLE PREPARATION AND ANALYSIS SUMMARY
VOLATILE ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	DATE COLLECTED	DATE RECEIVED AT LAB	DATE EXTRACTED	DATE ANALYZED
D88-D1A	WATER	10/20/2004	10/27/2004	-	10/30/2004

NYSDEC-2

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATIONSAMPLE PREPARATION AND ANALYTICAL SUMMARY
INORGANIC ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	METALS REQUESTED	DATE RECEIVED AT LAB	DATE DIGESTED	DATE ANALYZED
D88-D1A	WATER	T ME	10/27/2004	11/02 - 03/2004	11/03/2004

NYSDEC-5

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATIONSAMPLE PREPARATION AND ANALYSIS SUMMARY
ORGANIC ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	ANALYTICAL PROTOCOL	EXTRACTION METHOD	AUXILIARY CLEAN UP	DIL/CONC FACTOR
D88-D1A	WATER	ASP00	-	AS REQUIRED	AS REQUIRED

NYSDEC-6

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
INORGANIC ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

LABORATORY SAMPLE CODE	MATRIX	ANALYTICAL PROTOCOL	DIGESTION PROCEDURE	MATRIX MODIFIER	DIL/CONC FACTOR
D88-D1A	WATER	ASP00	ASP00	AS REQUIRED	AS REQUIRED

NYSDEC-7

DATA COMMENT PAGE

ORGANIC DATA QUALIFIERS

- ND or U Indicates compound was analyzed for, but not detected at or above the reporting limit.
- 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 a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on the data page and flagged with a "P".
- A This flag indicates that a TIC is a suspected aldol-condensation product.
- 1 Indicates coelution.
- * Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

- ND or U Indicates element was analyzed for, but not detected at or above the reporting limit.
- 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.
- K Indicates the post digestion spike recovery is not within the quality control limits.
- S Indicates value determined by the Method of Standard Addition.
- M Indicates duplicate injection results exceeded quality control limits.
- W Post digestion spike for Furnace AA analysis is out of quality control limits (85-115%) while sample absorbance is less than 50% of spike absorbance.
- 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 analysis is not within the quality control limits.
- + Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

NYS DEC
 NYS DEC ASP CONTRACT #C004154 - REGION 9
 NYSDEC-AQ-ASP 2000/8260/25ML VOLATILES (UNPRES.)
 ANALYSIS DATA SHEET

Client No.

D88-D1A

Lab Name: STL Buffalo

Contract: C004154

Lab Code: RECNV

Case No.: SH904

SAS No.: _____

SDG No.: 10201

Matrix: (soil/water) WATER

Lab Sample ID: AAA60801

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: L9751.RR

Level: (low/med) LOW

Date Samp/Recv: 10/20/2004 10/27/2004

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 10/30/2004

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/L

Q

CAS NO.	COMPOUND		
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	1	U
156-60-5	trans-1,2-Dichloroethene	1	U
1634-04-4	Methyl tert-butyl ether	1	U
156-59-2	cis-1,2-Dichloroethene	1	U
110-82-7	Cyclohexane	1	U
108-87-2	Methylcyclohexane	1	U
106-93-4	1,2-Dibromoethane (Ethylene dibromide)	1	U
98-82-8	Isopropylbenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
95-50-1	1,2-Dichlorobenzene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	U
120-82-1	1,2,4-Trichlorobenzene	1	U
79-20-9	Methyl Acetate	1	U

NYS DEC
NYS DEC ASP CONTRACT #C004154 - REGION 9
NYSDEC-AQ-ASP 2000/8260/25ML VOLATILES (UNPRES.)
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

D88-D1A

Lab Name: STL Buffalo Contract: C004154

Lab Code: RECNV Case No.: SH904 SAS No.: _____ SDG No.: 10201

Matrix: (soil/water) WATER Lab Sample ID: AAA60801

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L9751.RR

Level: (low/med) LOW Date Samp/Recv: 10/20/2004 10/27/2004

% Moisture: not dec. _____ Date Analyzed: 10/30/2004

GC Column: DB-624 ID: 0.53 (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

Chain of Custody Record

SEVERN
TRENT

STL

Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client: **NYSDEC** Project Manager: **MIKE HINTON** Date: **10/21/04** Chain of Custody Number: **133562**

Address: **270 MICHIGAN AVE** Telephone Number (Area Code)/Fax Number: **716-651-7220** Lab Number: _____

City: **BUFFALO** State: **NY** Zip Code: **14203** Site Contact: _____ Lab Contact: **B. FISCHER**

Project Name and Location (State): **PATTON'S RUN RUNS - DRINKING WATER** Carrier/Waybill Number: _____

Contract/Purchase Order/Quote No. _____

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix				Containers & Preservatives						VOC/Quant.	Trace Metals	Analysis (Attach list if more space is needed)	Special Instructions/ Conditions of Receipt		
			Air	Aqueous	Sed	Soil	Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc2					NaOH	
A883-11A				✓			2	1										
A883-11	10/24/04	1615		✓			2	1										
A883-12				✓			2	1										
A883-13	10/20/04	1645		✓			2	1										
A883-15	10/24/04	1630		✓			2	1										
A883-17	10/20/04	1645		✓			2	1										
A883-110	10/24/04	1545		✓			2											

Possible Hazard Identification

Non-Hazard
 Flammable
 Skin Irritant
 Poison B
 Unknown
 Return To Client
 Disposal By Lab
 Archive For _____ Months

Turn Around Time Required

24 Hours
 48 Hours
 7 Days
 14 Days
 21 Days
 Other: **As Contracted**

QC Requirements (Specify)

Relinquished By	Date	Time	Received By	Date	Time
<i>[Signature]</i>	10/21/04	13:40	<i>[Signature]</i>	10/21/04	13:40
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

ANALYTICAL REPORT

Job#: A04-A393

STL Project#: NY1A8770.9

SDG#: 1020D

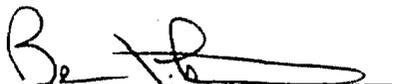
Site Name: NYS DEC ASP Contract #C004154 - Region 9

Task: CASE SH904

Mr. Larry Bailey
NYSDEC
625 Broadway - 4th Floor
Albany, NY 12233

CC: Mr. Mike Hinton

STL Buffalo



Brian J. Fischer
Project Manager

11/29/2004

SAMPLE DATA SUMMARY PACKAGE

SAMPLE SUMMARY

<u>LAB SAMPLE ID</u>	<u>CLIENT SAMPLE ID</u>	<u>SAMPLED</u>		<u>RECEIVED</u>	
		<u>DATE</u>	<u>TIME</u>	<u>DATE</u>	<u>TIME</u>
A4A39301	A883-D1	10/20/2004	16:15	10/21/2004	13:40
A4A39305	A883-D10	10/20/2004	15:45	10/21/2004	13:40
A4A39302	A883-D3	10/20/2004	15:45	10/21/2004	13:40
A4A39303	A883-D5	10/20/2004	16:30	10/21/2004	13:40
A4A39304	A883-D7	10/20/2004	16:45	10/21/2004	13:40
A4A39306	TRIP BLANK	10/20/2004		10/21/2004	13:40

METHODS SUMMARY

Job#: A04-A393STL Project#: NY1A8770.9SDG#: 1020DSite Name: NYS DEC ASP Contract #C004154 - Region 9

PARAMETER	ANALYTICAL METHOD	
NYSDEC - AQUEOUS-ASP00/8260 VOLATILES (MDL)	ASP00	8260/5ML
Aluminum - Total	ASP00	6010
Antimony - Total	ASP00	6010
Arsenic - Total	ASP00	6010
Barium - Total	ASP00	6010
Beryllium - Total	ASP00	6010
Cadmium - Total	ASP00	6010
Calcium - Total	ASP00	6010
Chromium - Total	ASP00	6010
Cobalt - Total	ASP00	6010
Copper - Total	ASP00	6010
Iron - Total	ASP00	6010
Lead - Total	ASP00	6010
Magnesium - Total	ASP00	6010
Manganese - Total	ASP00	6010
Mercury - Total	ASP00	7470
Nickel - Total	ASP00	6010
Potassium - Total	ASP00	6010
Selenium - Total	ASP00	6010
Silver - Total	ASP00	6010
Sodium - Total	ASP00	6010
Thallium - Total	ASP00	6010
Vanadium - Total	ASP00	6010
Zinc - Total	ASP00	6010

ASP00 "Analytical Services Protocol", New York State Department of Conservation,
June 2000.

NON-CONFORMANCE SUMMARY

Job#: A04-A393

STL Project#: NY1A8770.9

SDG#: 1020D

Site Name: NYS DEC ASP Contract #C004154 - Region 9

General Comments

The enclosed data 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

A04-A393

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

GC/MS Volatile Data

Volatile samples A883-D1, A883-D3, A883-D5, A883-D7, and A883-D10 exhibited a pH of 7 at the time of analysis. The analysis was performed within 7 days of sampling, therefore there is no impact on data usability.

The TRIP BLANK and VOLATILE HOLDING BLA were preserved to a PH less than 2.

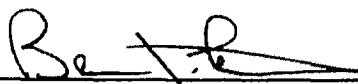
The requested reporting limits are less than STL's standard quantitation limit. It must be noted that results reported below STL's standard quantitation limit may result in false positive/false negative values, less accurate quantitation and potential mis-identification at the lower concentrations.

Metals Data

No deviations from protocol were encountered during the analytical procedures.

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

11-29-04

Date

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATIONSAMPLE 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
A883-D1	A4A39301	ASP00	-	-	-	ASP00	-	-
A883-D10	A4A39305	ASP00	-	-	-	-	-	-
A883-D3	A4A39302	ASP00	-	-	-	ASP00	-	-
A883-D5	A4A39303	ASP00	-	-	-	ASP00	-	-
A883-D7	A4A39304	ASP00	-	-	-	ASP00	-	-

NYSDEC-1

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATIONSAMPLE PREPARATION AND ANALYSIS SUMMARY
VOLATILE ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	DATE COLLECTED	DATE RECEIVED AT LAB	DATE EXTRACTED	DATE ANALYZED
A883-D1	WATER	10/20/2004	10/21/2004	-	10/25/2004
A883-D10	WATER	10/20/2004	10/21/2004	-	10/25/2004
A883-D3	WATER	10/20/2004	10/21/2004	-	10/25/2004
A883-D5	WATER	10/20/2004	10/21/2004	-	10/25/2004
A883-D7	WATER	10/20/2004	10/21/2004	-	10/25/2004

NYSDEC-2

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATIONSAMPLE PREPARATION AND ANALYTICAL SUMMARY
INORGANIC ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	METALS REQUESTED	DATE RECEIVED AT LAB	DATE DIGESTED	DATE ANALYZED
A883-D1	WATER	T TALME	10/21/2004	10/22 - 25/2004	10/25/2004
A883-D3	WATER	T TALME	10/21/2004	10/22 - 25/2004	10/25/2004
A883-D5	WATER	T TALME	10/21/2004	10/22 - 25/2004	10/25/2004
A883-D7	WATER	T TALME	10/21/2004	10/22 - 25/2004	10/25/2004

NYSDEC-5

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATIONSAMPLE PREPARATION AND ANALYSIS SUMMARY
ORGANIC ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	ANALYTICAL PROTOCOL	EXTRACTION METHOD	AUXILIARY CLEAN UP	DIL/CONC FACTOR
A883-D1	WATER	ASP00	-	AS REQUIRED	AS REQUIRED
A883-D10	WATER	ASP00	-	AS REQUIRED	AS REQUIRED
A883-D3	WATER	ASP00	-	AS REQUIRED	AS REQUIRED
A883-D5	WATER	ASP00	-	AS REQUIRED	AS REQUIRED
A883-D7	WATER	ASP00	-	AS REQUIRED	AS REQUIRED

NYSDEC-6

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATIONSAMPLE PREPARATION AND ANALYSIS SUMMARY
INORGANIC ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

LABORATORY SAMPLE CODE	MATRIX	ANALYTICAL PROTOCOL	DIGESTION PROCEDURE	MATRIX MODIFIER	DIL/CONC FACTOR
A883-D1	WATER	ASP00	ASP00	AS REQUIRED	AS REQUIRED
A883-D3	WATER	ASP00	ASP00	AS REQUIRED	AS REQUIRED
A883-D5	WATER	ASP00	ASP00	AS REQUIRED	AS REQUIRED
A883-D7	WATER	ASP00	ASP00	AS REQUIRED	AS REQUIRED

NYSDEC-7

DATA COMMENT PAGE

ORGANIC DATA QUALIFIERS

- ND or U Indicates compound was analyzed for, but not detected at or above the reporting limit.
- 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 a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on the data page and flagged with a "P".
- A This flag indicates that a TIC is a suspected aldol-condensation product.
- 1 Indicates coelution.
- * Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

- ND or U Indicates element was analyzed for, but not detected at or above the reporting limit.
- 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.
- K Indicates the post digestion spike recovery is not within the quality control limits.
- S Indicates value determined by the Method of Standard Addition.
- M Indicates duplicate injection results exceeded quality control limits.
- W Post digestion spike for Furnace AA analysis is out of quality control limits (85-115%) while sample absorbance is less than 50% of spike absorbance.
- 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 analysis is not within the quality control limits.
- + Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

NYS DEC
 NYS DEC ASP CONTRACT #C004154 - REGION 9
 NYSDEC - AQUEOUS-ASP00/8260 VOLATILES (MDL)
 ANALYSIS DATA SHEET

Client No.

A883-D1

Lab Name: STL Buffalo

Contract: C004154

Lab Code: RECNY Case No.: SH904 SAS No.: SDG No.: 1020D

Matrix: (soil/water) WATER Lab Sample ID: AAA39301

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F4293.RR

Level: (low/med) LOW Date Samp/Recv: 10/20/2004 10/21/2004

% Moisture: not dec. Heated Purge: N Date Analyzed: 10/25/2004

GC Column: DB-624 ID: 0.20 (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		4	U
74-83-9	Bromomethane		3	U
75-01-4	Vinyl chloride		3	U
75-00-3	Chloroethane		2	U
75-09-2	Methylene chloride		4	U
67-64-1	Acetone		6	U
75-15-0	Carbon disulfide		4	U
75-35-4	1,1-Dichloroethene		2	U
75-34-3	1,1-Dichloroethane		2	U
67-66-3	Chloroform		2	U
107-06-2	1,2-Dichloroethane		1	U
78-93-3	2-Butanone		4	U
71-55-6	1,1,1-Trichloroethane		2	U
56-23-5	Carbon tetrachloride		2	U
75-27-4	Bromodichloromethane		0.8	U
78-87-5	1,2-Dichloropropane		1	U
10061-01-5	cis-1,3-Dichloropropene		0.7	U
79-01-6	Trichloroethene		2	U
124-48-1	Dibromochloromethane		1	U
79-00-5	1,1,2-Trichloroethane		2	U
71-43-2	Benzene		2	U
10061-02-6	trans-1,3-Dichloropropene		1	U
75-25-2	Bromoform		1	U
108-10-1	4-Methyl-2-pentanone		2	U
591-78-6	2-Hexanone		3	U
127-18-4	Tetrachloroethene		3	U
108-88-3	Toluene		2	U
79-34-5	1,1,2,2-Tetrachloroethane		1	U
108-90-7	Chlorobenzene		2	U
100-41-4	Ethylbenzene		2	U
100-42-5	Styrene		2	U
1330-20-7	Xylene, Total		2	U
75-71-8	Dichlorodifluoromethane		2	U
75-69-4	Trichlorofluoromethane		2	U

NYS DEC
NYS DEC ASP CONTRACT #C004154 - REGION 9
NYSDEC - AQUEOUS-ASP00/8260 VOLATILES (MDL)
ANALYSIS DATA SHEET

Client No.

A883-D1

Lab Name: STL BuffaloContract: C004154Lab Code: RECN Case No.: SH904 SAS No.: _____ SDG No.: 1020DMatrix: (soil/water) WATERLab Sample ID: AAA39301Sample wt/vol: 5.00 (g/mL) MLLab File ID: F4293.RRLevel: (low/med) LOWDate Samp/Recv: 10/20/2004 10/21/2004% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 10/25/2004GC Column: DB-624 ID: 0.20 (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		1	U
156-60-5-----	trans-1,2-Dichloroethene		3	U
1634-04-4----	Methyl tert-butyl ether		2	U
156-59-2-----	cis-1,2-Dichloroethene		2	U
110-82-7-----	Cyclohexane		2	U
108-87-2-----	Methylcyclohexane		2	U
106-93-4-----	1,2-Dibromoethane (Ethylene dibromide)		2	U
98-82-8-----	Isopropylbenzene		2	U
541-73-1-----	1,3-Dichlorobenzene		2	U
106-46-7-----	1,4-Dichlorobenzene		2	U
95-50-1-----	1,2-Dichlorobenzene		2	U
96-12-8-----	1,2-Dibromo-3-chloropropane		3	U
120-82-1-----	1,2,4-Trichlorobenzene		3	U
79-20-9-----	Methyl Acetate		4	U

NYS DEC
 NYS DEC ASP CONTRACT #C004154 - REGION 9
 NYSDEC - AQUEOUS-ASP00/8260 VOLATILES (MDL)
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

A883-D1

Lab Name: STL BuffaloContract: C004154Lab Code: REONY Case No.: SH904 SAS No.: _____ SDG No.: 1020DMatrix: (soil/water) WATERLab Sample ID: A4A39301Sample wt/vol: 5.00 (g/mL) MLLab File ID: F4293.RRLevel: (low/med) LOWDate Samp/Recv: 10/20/2004 10/21/2004

% Moisture: not dec. _____

Date Analyzed: 10/25/2004GC Column: DB-624 ID: 0.20 (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

NYS DEC
 NYS DEC ASP CONTRACT #C004154 - REGION 9
 NYSDEC - AQUEOUS-ASP00/8260 VOLATILES (MDL)
 ANALYSIS DATA SHEET

Client No.

A883-D10

Lab Name: STL Buffalo Contract: C004154

Lab Code: RECNV Case No.: SH904 SAS No.: _____ SDG No.: 1020D

Matrix: (soil/water) WATER Lab Sample ID: AAA39305

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F4297.RR

Level: (low/med) LOW Date Samp/Recv: 10/20/2004 10/21/2004

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/25/2004

GC Column: DB-624 ID: 0.20 (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		4	U
74-83-9	Bromomethane		3	U
75-01-4	Vinyl chloride		3	U
75-00-3	Chloroethane		2	U
75-09-2	Methylene chloride		4	U
67-64-1	Acetone		6	U
75-15-0	Carbon disulfide		4	U
75-35-4	1,1-Dichloroethene		2	U
75-34-3	1,1-Dichloroethane		2	U
67-66-3	Chloroform		2	U
107-06-2	1,2-Dichloroethane		1	U
78-93-3	2-Butanone		4	U
71-55-6	1,1,1-Trichloroethane		2	U
56-23-5	Carbon tetrachloride		2	U
75-27-4	Bromodichloromethane		0.8	U
78-87-5	1,2-Dichloropropane		1	U
10061-01-5	cis-1,3-Dichloropropene		0.7	U
79-01-6	Trichloroethene		2	U
124-48-1	Dibromochloromethane		1	U
79-00-5	1,1,2-Trichloroethane		2	U
71-43-2	Benzene		2	U
10061-02-6	trans-1,3-Dichloropropene		1	U
75-25-2	Bromofom		1	U
108-10-1	4-Methyl-2-pentanone		2	U
591-78-6	2-Hexanone		3	U
127-18-4	Tetrachloroethene		3	U
108-88-3	Toluene		2	U
79-34-5	1,1,2,2-Tetrachloroethane		1	U
108-90-7	Chlorobenzene		2	U
100-41-4	Ethylbenzene		2	U
100-42-5	Styrene		2	U
1330-20-7	Xylene, Total		2	U
75-71-8	Dichlorodifluoromethane		2	U
75-69-4	Trichlorofluoromethane		2	U

NYS DEC
 NYS DEC ASP CONTRACT #C004154 - REGION 9
 NYSDEC - AQUEOUS-ASP00/8260 VOLATILES (MDL)
 ANALYSIS DATA SHEET

Client No.

A883-D10

Lab Name: STL Buffalo Contract: C004154Lab Code: RECN Case No.: SH904 SAS No.: _____ SDG No.: 1020DMatrix: (soil/water) WATER Lab Sample ID: A4A39305Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F4297.RRLevel: (low/med) LOW Date Samp/Recv: 10/20/2004 10/21/2004% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/25/2004GC Column: DB-624 ID: 0.20 (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
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane		1	U
156-60-5	trans-1,2-Dichloroethene		3	U
1634-04-4	Methyl tert-butyl ether		2	U
156-59-2	cis-1,2-Dichloroethene		2	U
110-82-7	Cyclohexane		2	U
108-87-2	Methylcyclohexane		2	U
106-93-4	1,2-Dibromoethane (Ethylene dibromide)		2	U
98-82-8	Isopropylbenzene		2	U
541-73-1	1,3-Dichlorobenzene		2	U
106-46-7	1,4-Dichlorobenzene		2	U
95-50-1	1,2-Dichlorobenzene		2	U
96-12-8	1,2-Dibromo-3-chloropropane		3	U
120-82-1	1,2,4-Trichlorobenzene		3	U
79-20-9	Methyl Acetate		4	U

NYS DEC
 NYS DEC ASP CONTRACT #C004154 - REGION 9
 NYSDEC - AQUEOUS-ASP00/8260 VOLATILES (MDL)
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

A883-D10

Lab Name: STL BuffaloContract: C004154Lab Code: REONY Case No.: SH904 SAS No.: _____ SDG No.: 1020DMatrix: (soil/water) WATERLab Sample ID: AAA39305Sample wt/vol: 5.00 (g/mL) MLLab File ID: F4297.RRLevel: (low/med) LOWDate Samp/Recv: 10/20/2004 10/21/2004

% Moisture: not dec. _____

Date Analyzed: 10/25/2004GC Column: DB-624 ID: 0.20 (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

NYS DEC
NYS DEC ASP CONTRACT #C004154 - REGION 9
NYSDEC - AQUEOUS-ASP00/8260 VOLATILES (MDL)
ANALYSIS DATA SHEET

Client No.

A883-D3

Lab Name: STL Buffalo Contract: C004154Lab Code: RECONY Case No.: SH904 SAS No.: _____ SDG No.: 1020DMatrix: (soil/water) WATERLab Sample ID: AAA39302Sample wt/vol: 5.00 (g/mL) MLLab File ID: F4294.RRLevel: (low/med) LOWDate Samp/Recv: 10/20/2004 10/21/2004% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 10/25/2004GC Column: DB-624 ID: 0.20 (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		4	U
74-83-9-----	Bromomethane		3	U
75-01-4-----	Vinyl chloride		3	U
75-00-3-----	Chloroethane		2	U
75-09-2-----	Methylene chloride		4	U
67-64-1-----	Acetone		6	U
75-15-0-----	Carbon disulfide		4	U
75-35-4-----	1,1-Dichloroethene		2	U
75-34-3-----	1,1-Dichloroethane		2	U
67-66-3-----	Chloroform		2	U
107-06-2-----	1,2-Dichloroethane		1	U
78-93-3-----	2-Butanone		4	U
71-55-6-----	1,1,1-Trichloroethane		2	U
56-23-5-----	Carbon tetrachloride		2	U
75-27-4-----	Bromodichloromethane		0.8	U
78-87-5-----	1,2-Dichloropropane		1	U
10061-01-5-----	cis-1,3-Dichloropropene		0.7	U
79-01-6-----	Trichloroethene		2	U
124-48-1-----	Dibromochloromethane		1	U
79-00-5-----	1,1,2-Trichloroethane		2	U
71-43-2-----	Benzene		2	U
10061-02-6-----	trans-1,3-Dichloropropene		1	U
75-25-2-----	Bromoform		1	U
108-10-1-----	4-Methyl-2-pentanone		2	U
591-78-6-----	2-Hexanone		3	U
127-18-4-----	Tetrachloroethene		3	U
108-88-3-----	Toluene		2	U
79-34-5-----	1,1,2,2-Tetrachloroethane		1	U
108-90-7-----	Chlorobenzene		2	U
100-41-4-----	Ethylbenzene		2	U
100-42-5-----	Styrene		2	U
1330-20-7-----	Xylene, Total		2	U
75-71-8-----	Dichlorodifluoromethane		2	U
75-69-4-----	Trichlorofluoromethane		2	U

NYS DEC
 NYS DEC ASP CONTRACT #C004154 - REGION 9
 NYSDEC - AQUEOUS-ASP00/8260 VOLATILES (MDL)
 ANALYSIS DATA SHEET

Client No.

A883-D3

Lab Name: STL BuffaloContract: C004154Lab Code: RECNY Case No.: SH904 SAS No.: _____ SDG No.: 1020DMatrix: (soil/water) WATERLab Sample ID: A4A39302Sample wt/vol: 5.00 (g/mL) MLLab File ID: F4294.RRLevel: (low/med) LOWDate Samp/Recv: 10/20/2004 10/21/2004% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 10/25/2004GC Column: DB-624 ID: 0.20 (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		1	U
156-60-5-----	trans-1,2-Dichloroethene		3	U
1634-04-4-----	Methyl tert-butyl ether		2	U
156-59-2-----	cis-1,2-Dichloroethene		2	U
110-82-7-----	Cyclohexane		2	U
108-87-2-----	Methylcyclohexane		2	U
106-93-4-----	1,2-Dibromoethane (Ethylene dibromide)		2	U
98-82-8-----	Isopropylbenzene		2	U
541-73-1-----	1,3-Dichlorobenzene		2	U
106-46-7-----	1,4-Dichlorobenzene		2	U
95-50-1-----	1,2-Dichlorobenzene		2	U
96-12-8-----	1,2-Dibromo-3-chloropropane		3	U
120-82-1-----	1,2,4-Trichlorobenzene		3	U
79-20-9-----	Methyl Acetate		4	U

NYS DEC
 NYS DEC ASP CONTRACT #C004154 - REGION 9
 NYSDEC - AQUEOUS-ASP00/8260 VOLATILES (MDL)
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

A883-D3

Lab Name: STL Buffalo Contract: C004154Lab Code: RECNY Case No.: SH904 SAS No.: _____ SDG No.: 1020DMatrix: (soil/water) WATER Lab Sample ID: AAA39302Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F4294.RRLevel: (low/med) LOW Date Samp/Recv: 10/20/2004 10/21/2004% Moisture: not dec. _____ Date Analyzed: 10/25/2004GC Column: DB-624 ID: 0.20 (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

NYS DEC
 NYS DEC ASP CONTRACT #C004154 - REGION 9
 NYSDEC - AQUEOUS-ASP00/8260 VOLATILES (MDL)
 ANALYSIS DATA SHEET

Client No.

A883-D5

Lab Name: STL Buffalo

Contract: C004154

Lab Code: RECNV Case No.: SH904 SAS No.: SDG No.: 1020D

Matrix: (soil/water) WATER Lab Sample ID: A4A39303

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F4295.RR

Level: (low/med) LOW Date Samp/Recv: 10/20/2004 10/21/2004

% Moisture: not dec. Heated Purge: N Date Analyzed: 10/25/2004

GC Column: DB-624 ID: 0.20 (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		4	U
74-83-9	-----Bromomethane		3	U
75-01-4	-----Vinyl chloride		3	U
75-00-3	-----Chloroethane		2	U
75-09-2	-----Methylene chloride		4	U
67-64-1	-----Acetone		6	U
75-15-0	-----Carbon disulfide		4	U
75-35-4	-----1,1-Dichloroethene		2	U
75-34-3	-----1,1-Dichloroethane		2	U
67-66-3	-----Chloroform		2	U
107-06-2	-----1,2-Dichloroethane		1	U
78-93-3	-----2-Butanone		4	U
71-55-6	-----1,1,1-Trichloroethane		2	U
56-23-5	-----Carbon tetrachloride		2	U
75-27-4	-----Bromodichloromethane		0.8	U
78-87-5	-----1,2-Dichloropropane		1	U
10061-01-5	-----cis-1,3-Dichloropropene		0.7	U
79-01-6	-----Trichloroethene		2	U
124-48-1	-----Dibromochloromethane		1	U
79-00-5	-----1,1,2-Trichloroethane		2	U
71-43-2	-----Benzene		2	U
10061-02-6	-----trans-1,3-Dichloropropene		1	U
75-25-2	-----Bromoform		1	U
108-10-1	-----4-Methyl-2-pentanone		2	U
591-78-6	-----2-Hexanone		3	U
127-18-4	-----Tetrachloroethene		3	U
108-88-3	-----Toluene		2	U
79-34-5	-----1,1,2,2-Tetrachloroethane		1	U
108-90-7	-----Chlorobenzene		2	U
100-41-4	-----Ethylbenzene		2	U
100-42-5	-----Styrene		2	U
1330-20-7	-----Xylene, Total		2	U
75-71-8	-----Dichlorodifluoromethane		2	U
75-69-4	-----Trichlorofluoromethane		2	U

NYS DEC
 NYS DEC ASP CONTRACT #C004154 - REGION 9
 NYSDEC - AQUEOUS-ASP00/8260 VOLATILES (MDL)
 ANALYSIS DATA SHEET

Client No.

A883-D5

Lab Name: STL Buffalo Contract: C004154

Lab Code: RECNY Case No.: SH904 SAS No.: _____ SDG No.: 1020D

Matrix: (soil/water) WATER Lab Sample ID: A4A39303

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F4295.RR

Level: (low/med) LOW Date Samp/Recv: 10/20/2004 10/21/2004

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/25/2004

GC Column: DB-624 ID: 0.20 (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		1	U
156-60-5-----	trans-1,2-Dichloroethene		3	U
1634-04-4-----	Methyl tert-butyl ether		2	U
156-59-2-----	cis-1,2-Dichloroethene		2	U
110-82-7-----	Cyclohexane		2	U
108-87-2-----	Methylcyclohexane		2	U
106-93-4-----	1,2-Dibromoethane (Ethylene dibromide)		2	U
98-82-8-----	Isopropylbenzene		2	U
541-73-1-----	1,3-Dichlorobenzene		2	U
106-46-7-----	1,4-Dichlorobenzene		2	U
95-50-1-----	1,2-Dichlorobenzene		2	U
96-12-8-----	1,2-Dibromo-3-chloropropane		3	U
120-82-1-----	1,2,4-Trichlorobenzene		3	U
79-20-9-----	Methyl Acetate		4	U

NYS DEC
 NYS DEC ASP CONTRACT #C004154 - REGION 9
 NYSDEC - AQUEOUS-ASP00/8260 VOLATILES (MDL)
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

A883-D5

Lab Name: STL BuffaloContract: C004154Lab Code: RECNY Case No.: SH904 SAS No.: _____ SDG No.: 1020DMatrix: (soil/water) WATERLab Sample ID: A4A39303Sample wt/vol: 5.00 (g/mL) MLLab File ID: F4295.RRLevel: (low/med) LOWDate Samp/Recv: 10/20/2004 10/21/2004

% Moisture: not dec. _____

Date Analyzed: 10/25/2004GC Column: DB-624 ID: 0.20 (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

NYS DEC
NYS DEC ASP CONTRACT #C004154 - REGION 9
NYSDEC - AQUEOUS-ASP00/8260 VOLATILES (MDL)
ANALYSIS DATA SHEET

Client No.

A883-D7

Lab Name: STL Buffalo

Contract: C004154

Lab Code: RECY Case No.: SH904 SAS No.: _____ SDG No.: 1020D

Matrix: (soil/water) WATER

Lab Sample ID: 44A39304

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

Lab File ID: F4296.RR

Level: (low/med) LOW

Date Samp/Recv: 10/20/2004 10/21/2004

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 10/25/2004

GC Column: DB-624 ID: 0.20 (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	4	U
74-83-9	-----Bromomethane	3	U
75-01-4	-----Vinyl chloride	3	U
75-00-3	-----Chloroethane	2	U
75-09-2	-----Methylene chloride	4	U
67-64-1	-----Acetone	6	U
75-15-0	-----Carbon disulfide	4	U
75-35-4	-----1,1-Dichloroethene	2	U
75-34-3	-----1,1-Dichloroethane	2	U
67-66-3	-----Chloroform	2	U
107-06-2	-----1,2-Dichloroethane	1	U
78-93-3	-----2-Butanone	4	U
71-55-6	-----1,1,1-Trichloroethane	2	U
56-23-5	-----Carbon tetrachloride	2	U
75-27-4	-----Bromodichloromethane	0.8	U
78-87-5	-----1,2-Dichloropropane	1	U
10061-01-5	----cis-1,3-Dichloropropene	0.7	U
79-01-6	-----Trichloroethene	2	U
124-48-1	-----Dibromochloromethane	1	U
79-00-5	-----1,1,2-Trichloroethane	2	U
71-43-2	-----Benzene	2	U
10061-02-6	----trans-1,3-Dichloropropene	1	U
75-25-2	-----Bromoform	1	U
108-10-1	-----4-Methyl-2-pentanone	2	U
591-78-6	-----2-Hexanone	3	U
127-18-4	-----Tetrachloroethene	3	U
108-88-3	-----Toluene	2	U
79-34-5	-----1,1,2,2-Tetrachloroethane	1	U
108-90-7	-----Chlorobenzene	2	U
100-41-4	-----Ethylbenzene	2	U
100-42-5	-----Styrene	2	U
1330-20-7	-----Xylene, Total	2	U
75-71-8	-----Dichlorodifluoromethane	2	U
75-69-4	-----Trichlorofluoromethane	2	U

NYS DEC
 NYS DEC ASP CONTRACT #C004154 - REGION 9
 NYSDEC - AQUEOUS-ASP00/8260 VOLATILES (MDL)
 ANALYSIS DATA SHEET

Client No.

A883-D7

Lab Name: STL BuffaloContract: C004154Lab Code: RECN Case No.: SH904 SAS No.: _____ SDG No.: 1020DMatrix: (soil/water) WATERLab Sample ID: AAA39304Sample wt/vol: 5.00 (g/mL) MLLab File ID: F4296.RRLevel: (low/med) LOWDate Samp/Recv: 10/20/2004 10/21/2004% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 10/25/2004GC Column: DB-624 ID: 0.20 (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	1	U
156-60-5-----	trans-1,2-Dichloroethene	3	U
1634-04-4-----	Methyl tert-butyl ether	2	U
156-59-2-----	cis-1,2-Dichloroethene	2	U
110-82-7-----	Cyclohexane	2	U
108-87-2-----	Methylcyclohexane	2	U
106-93-4-----	1,2-Dibromoethane (Ethylene dibromide)	2	U
98-82-8-----	Isopropylbenzene	2	U
541-73-1-----	1,3-Dichlorobenzene	2	U
106-46-7-----	1,4-Dichlorobenzene	2	U
95-50-1-----	1,2-Dichlorobenzene	2	U
96-12-8-----	1,2-Dibromo-3-chloropropane	3	U
120-82-1-----	1,2,4-Trichlorobenzene	3	U
79-20-9-----	Methyl Acetate	4	U

NYS DEC
 NYS DEC ASP CONTRACT #C004154 - REGION 9
 NYSDEC - AQUEOUS-ASP00/8260 VOLATILES (MDL)
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

A883-D7

Lab Name: STL Buffalo Contract: C004154

Lab Code: RECN Case No.: SH904 SAS No.: _____ SDG No.: 1020D

Matrix: (soil/water) WATER Lab Sample ID: A4A39304

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F4296.RR

Level: (low/med) LOW Date Samp/Recv: 10/20/2004 10/21/2004

% Moisture: not dec. _____ Date Analyzed: 10/25/2004

GC Column: DB-624 ID: 0.20 (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

NYS DEC
NYS DEC ASP CONTRACT #C004154 - REGION 9
NYSDEC - AQUEOUS-ASP00/8260 VOLATILES (MDL)
ANALYSIS DATA SHEET

Client No.

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Lab Name: STL Buffalo Contract: C004154

Lab Code: RECN Case No.: SH904 SAS No.: _____ SDG No.: 1020D

Matrix: (soil/water) WATER Lab Sample ID: AAA39306

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F4289.RR

Level: (low/med) LOW Date Samp/Recv: 10/20/2004 10/21/2004

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/25/2004

GC Column: DB-624 ID: 0.20 (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	4	U
74-83-9-----	Bromomethane	3	U
75-01-4-----	Vinyl chloride	3	U
75-00-3-----	Chloroethane	2	U
75-09-2-----	Methylene chloride	4	U
67-64-1-----	Acetone	6	U
75-15-0-----	Carbon disulfide	4	U
75-35-4-----	1,1-Dichloroethene	2	U
75-34-3-----	1,1-Dichloroethane	2	U
67-66-3-----	Chloroform	2	U
107-06-2-----	1,2-Dichloroethane	1	U
78-93-3-----	2-Butanone	4	U
71-55-6-----	1,1,1-Trichloroethane	2	U
56-23-5-----	Carbon tetrachloride	2	U
75-27-4-----	Bromodichloromethane	0.8	U
78-87-5-----	1,2-Dichloropropane	1	U
10061-01-5----	cis-1,3-Dichloropropene	0.7	U
79-01-6-----	Trichloroethene	2	U
124-48-1-----	Dibromochloromethane	1	U
79-00-5-----	1,1,2-Trichloroethane	2	U
71-43-2-----	Benzene	2	U
10061-02-6----	trans-1,3-Dichloropropene	1	U
75-25-2-----	Bromoform	1	U
108-10-1-----	4-Methyl-2-pentanone	2	U
591-78-6-----	2-Hexanone	3	U
127-18-4-----	Tetrachloroethene	3	U
108-88-3-----	Toluene	2	U
79-34-5-----	1,1,2,2-Tetrachloroethane	1	U
108-90-7-----	Chlorobenzene	2	U
100-41-4-----	Ethylbenzene	2	U
100-42-5-----	Styrene	2	U
1330-20-7-----	Xylene, Total	2	U
75-71-8-----	Dichlorodifluoromethane	2	U
75-69-4-----	Trichlorofluoromethane	2	U

NYS DEC
 NYS DEC ASP CONTRACT #C004154 - REGION 9
 NYSDEC - AQUEOUS-ASP00/8260 VOLATILES (MDL)
 ANALYSIS DATA SHEET

Client No.

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Lab Name: STL Buffalo Contract: C004154Lab Code: RECNY Case No.: SH904 SAS No.: _____ SDG No.: 1020DMatrix: (soil/water) WATERLab Sample ID: AAA39306Sample wt/vol: 5.00 (g/mL) MLLab File ID: F4289.RRLevel: (low/med) LOWDate Samp/Recv: 10/20/2004 10/21/2004% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 10/25/2004GC Column: DB-624 ID: 0.20 (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		1	U
156-60-5-----	trans-1,2-Dichloroethene		3	U
1634-04-4-----	Methyl tert-butyl ether		2	U
156-59-2-----	cis-1,2-Dichloroethene		2	U
110-82-7-----	Cyclohexane		2	U
108-87-2-----	Methylcyclohexane		2	U
106-93-4-----	1,2-Dibromoethane (Ethylene dibromide)		2	U
98-82-8-----	Isopropylbenzene		2	U
541-73-1-----	1,3-Dichlorobenzene		2	U
106-46-7-----	1,4-Dichlorobenzene		2	U
95-50-1-----	1,2-Dichlorobenzene		2	U
96-12-8-----	1,2-Dibromo-3-chloropropane		3	U
120-82-1-----	1,2,4-Trichlorobenzene		3	U
79-20-9-----	Methyl Acetate		4	U

NYS DEC
 NYS DEC ASP CONTRACT #C004154 - REGION 9
 NYSDEC - AQUEOUS-ASP00/8260 VOLATILES (MDL)
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

TRIP BLANK

Lab Name: STL Buffalo Contract: C004154Lab Code: RECN Case No.: SH904 SAS No.: _____ SDG No.: 1020DMatrix: (soil/water) WATERLab Sample ID: A4A39306Sample wt/vol: 5.00 (g/mL) MLLab File ID: F4289.RRLevel: (low/med) LOWDate Samp/Recv: 10/20/2004 10/21/2004

% Moisture: not dec. _____

Date Analyzed: 10/25/2004GC Column: DB-624 ID: 0.20 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

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

CAS NO.	Compound Name	RT	Est. Conc.	Q

NYS DEC
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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

A883-D1

Site: NY00-096
 Media: STLBFO Case No.: SH904 SAS No.: _____ SDG NO.: 1020D
 (soil/water): WATER Lab Sample ID: AD457116
 (low/med): LOW Date Received: 10/21/2004

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	18.4	U		P
7440-36-0	Antimony	5.0	U		P
7440-38-2	Arsenic	2.6	U		P
7440-39-3	Barium	80.1	B		P
7440-41-7	Beryllium	0.19	U		P
7440-43-9	Cadmium	0.34	U		P
7440-70-2	Calcium	48400			P
7440-47-3	Chromium	0.65	U		P
7440-48-4	Cobalt	0.86	U		P
7440-50-8	Copper	1.3	U		P
7439-89-6	Iron	16.5	U		P
7439-92-1	Lead	1.3	U		P
7439-95-4	Magnesium	21300			P
7439-96-5	Manganese	32.0			P
7440-02-0	Nickel	1.2	U		P
7440-09-7	Potassium	2420	B		P
7782-49-2	Selenium	5.0	U		P
7440-22-4	Silver	0.69	U		P
7439-97-6	Mercury	0.087	U		CV
7440-23-5	Sodium	8630			P
7440-28-0	Thallium	5.1	U		P
7440-62-2	Vanadium	0.58	U		P
7440-66-6	Zinc	3.0	B		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments: _____

STL-BUFFALO

NYS DEC

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

A883-D3

Contract: NY00-096

Lab Code: STLBFL0

Case No.: SH904

SAS No.:

SDG No.: 1020D

Matrix (soil/water): WATER

Lab Sample ID: AD457119

Level (low/med): LOW

Date Received: 10/21/2004

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	18.4	U		P
7440-36-0	Antimony	5.0	U		P
7440-38-2	Arsenic	2.6	U		P
7440-39-3	Barium	233			P
7440-41-7	Beryllium	0.19	U		P
7440-43-9	Cadmium	0.34	U		P
7440-70-2	Calcium	43800			P
7440-47-3	Chromium	0.65	U		P
7440-48-4	Cobalt	0.86	U		P
7440-50-8	Copper	14.9	B		P
7439-89-6	Iron	16.5	U		P
7439-92-1	Lead	1.3	U		P
7439-95-4	Magnesium	18000			P
7439-96-5	Manganese	1.4	B		P
7440-02-0	Nickel	1.2	U		P
7440-09-7	Potassium	2430	B		P
7782-49-2	Selenium	5.0	U		P
7439-97-6	Mercury	0.087	U		CV
7440-22-4	Silver	0.69	U		P
7440-23-5	Sodium	4600	B		P
7440-28-0	Thallium	5.1	U		P
7440-62-2	Vanadium	0.58	U		P
7440-66-6	Zinc	16.2	B		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

NYS DEC

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

A883-D5

Contract: NY00-096

Lab Code: STLBFL0

Case No.: SH904

SAS No.:

SDG NO.: 1020D

Matrix (soil/water): WATER

Lab Sample ID: AD457120

Level (low/med): LOW

Date Received: 10/21/2004

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	104	B		P
7440-36-0	Antimony	5.0	U		P
7440-38-2	Arsenic	2.6	U		P
7440-39-3	Barium	119	B		P
7440-41-7	Beryllium	0.19	U		P
7440-43-9	Cadmium	0.34	U		P
7440-70-2	Calcium	57000			P
7440-47-3	Chromium	0.65	U		P
7440-48-4	Cobalt	0.86	U		P
7440-50-8	Copper	25.3			P
7439-89-6	Iron	16.5	U		P
7439-92-1	Lead	1.3	U		P
7439-95-4	Magnesium	20100			P
7439-96-5	Manganese	1.1	B		P
7440-02-0	Nickel	1.2	B		P
7440-09-7	Potassium	2300	B		P
7782-49-2	Selenium	5.0	U		P
7439-97-6	Mercury	0.087	U		CV
7440-22-4	Silver	0.69	U		P
7440-23-5	Sodium	10100			P
7440-28-0	Thallium	5.1	U		P
7440-62-2	Vanadium	0.58	U		P
7440-66-6	Zinc	52.6			P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

NYS DEC

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

A883-D7

Contract: NY00-096

Lab Code: STLBFLOCase No.: SH904

SAS No.:

SDG NO.: 1020DMatrix (soil/water): WATERLab Sample ID: AD457121Level (low/med): LOWDate Received: 10/21/2004

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	18.4	U		P
7440-36-0	Antimony	5.0	U		P
7440-38-2	Arsenic	2.6	U		P
7440-39-3	Barium	48.0	B		P
7440-41-7	Beryllium	0.19	U		P
7440-43-9	Cadmium	0.34	U		P
7440-70-2	Calcium	51400			P
7440-47-3	Chromium	0.65	U		P
7440-48-4	Cobalt	0.86	U		P
7440-50-8	Copper	40.0			P
7439-89-6	Iron	421			P
7439-92-1	Lead	6.2			P
7439-95-4	Magnesium	20500			P
7439-96-5	Manganese	353			P
7440-02-0	Nickel	1.2	U		P
7440-09-7	Potassium	2320	B		P
7782-49-2	Selenium	5.0	U		P
7439-97-6	Mercury	0.087	U		CV
7440-22-4	Silver	0.69	U		P
7440-23-5	Sodium	6950			P
7440-28-0	Thallium	5.1	U		P
7440-62-2	Vanadium	0.58	U		P
7440-66-6	Zinc	77.8			P

Color Before: COLORLESSClarity Before: CLEARTexture: NONEColor After: COLORLESSClarity After: CLEAR

Artifacts: _____

Comments: _____

