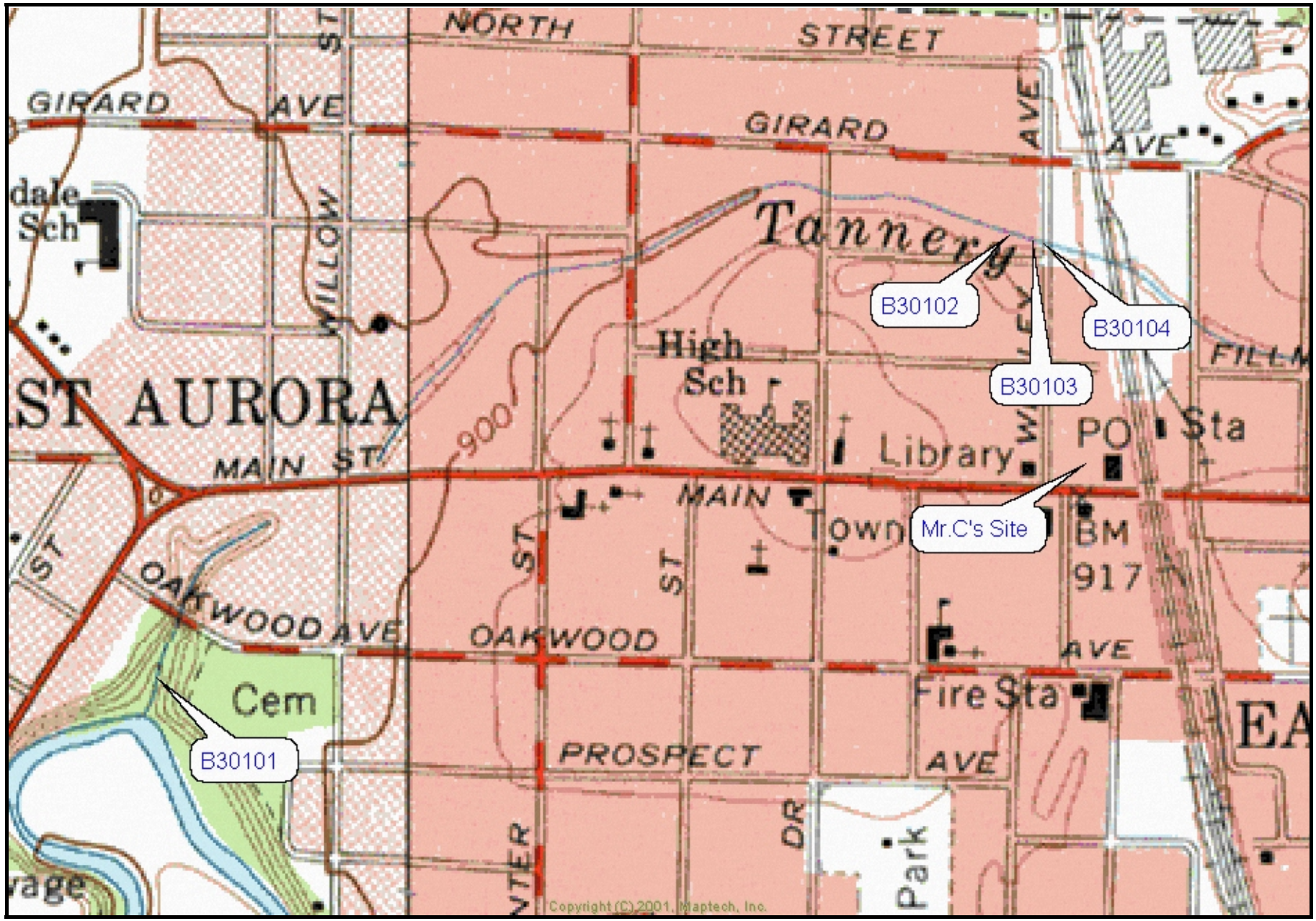
Table 1
Tannery Brook Sample Results
July 22, 2004

Parameter/Results (ug/l)	Sample ID				
	B30101 Tannery Brook 100' before Cazenovia Creek	B30102 Tannery Brook 120' Downstream of Mr. C's Discharge	B30103 Mr. C's Discharge	B30104 Tannery Brook 15' upstream of Mr. C's Discharge	Water Quality Standard Class "C" Stream
Aluminum	469	42.0B	21.9U	52.4B	100
Antimony	3.7U	3.7U	3.7U	3.78U	3 (A)
Arsenic	2.1U	2.1U	2.1U	2.1U	150
Barium	68.4B	81.2B	186B	63.0B	1000 (A)
Beryllium	0.52B	0.44B	0.63B	0.32B	1100
Cadmium	0.35U	0.35U	0.35U	0.35U	2.1 (H)
Calcium	90300	72600	142000	59600	NA
Chromium	1.2U	1.2U	1.2U	1.2U	74.1 (H)
Cobalt	0.93	0.93U	0.93U	0.93U	5
Copper	4.3B	4.3B	1.4B	5.1B	8.9 (H)
Iron	731	129	182	122	300
Lead	1.5U	1.5U	1.5U	1.5U	1.23 (H)
Magnesium	15,000	11,100	23,400	8,870	35,000 (A)
Manganese	40.6	36.9	222	12.9B	300 (A)
Nickel	1.8B	1.4U	1.4U	1.4U	52 (H)
Potassium	3740B	3830B	6780B	3140B	NA
Selenium	4.8B	4.8U	4.8U	4.8U	4.6
Mercury	0.200U	0.200U	0.200U	0.200U	0.0007
Silver	1.2U	1.2U	1.2U	1.2U	4 (H)
Sodium	108,000	90,700	236,000	64,300	NA
Thallium	4.8U	4.8U	4.8U	4.8U	8
Vanadium	1.5B	1.1U	1.1U	1.1U	14
Zinc	8.7B	3.0U	3.0U	5.4B	82 (H)
Total Dissolved Solids (TDS)	576,000	460,000	1,160,000	358,000	NA

U - Compound was analyzed for but was detected at or above the reporting limit.
B - Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
(A) - No standard listed for Class C Stream. Class A stream std. provided for reference only.
(H) - Value calculated based on hardness of the receiving stream. For comparison proposes a hardness value of 100 ppm was used.

Figure 1
Tannery Brook Sample Locations
Site No. 915157
July 22, 2004



ANALYTICAL REPORT

Job#: A04-6911

STL Project#: NY1A8770.9
SDG#: 0722
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. Dave Szymanski

STL Buffalo

Brian J. Fischer
Project Manager

08/19/2004

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A4691104	B30101	07/22/2004	09:40	07/22/2004	11:03
A4691102	B30102	07/22/2004	09:55	07/22/2004	11:03
A4691103	B30103	07/22/2004	09:55	07/22/2004	11:03
A4691101	B30104	07/22/2004	10:00	07/22/2004	11:03

METHODS SUMMARY

Job#: A04-6911

STL Project#: NY1A8770.9
SDG#: 0722
Site Name: NYS DEC ASP Contract #C004154 - Region 9

PARAMETER	ANALYTICAL METHOD	
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
Filterable Residue (180 C)	ASP00	160.1

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

NON-CONFORMANCE SUMMARY

Job#: A04-6911

STL Project#: NY1A8770.9
SDG#: 0722
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 and Dissolved Oxygen 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

A04-6911
Sample Cooler(s) were received at the following temperature(s); 4.2 °C
All samples were received in good condition.

Metals Data

No deviations from protocol were encountered during the analytical procedures.

Wet Chemistry 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

8-19-04
Date

Date: 08/19/2004
Time: 15:34:08

Dilution Log w/Code Information
For Job A04-6911

Client Sample ID	Lab Sample ID	Parameter (Inorganic)/Method (Organic)	Dilution	Code
B30103	A4691103	Potassium - Total	5.00	
B30103	A4691103	Sodium - Total	5.00	
B30101	A4691104	Potassium - Total	5.00	
B30101	A4691104	Sodium - Total	5.00	

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 CONSERVATION

SAMPLE IDENTIFICATION
AND
ANALYTICAL REQUEST SUMMARY

LAB NAME: SEVERN TRENT LABORATORIES, INC.

CUSTOMER SAMPLE ID	LABORATORY SAMPLE ID	ANALYTICAL REQUIREMENTS						
		VOA GC/MS	BNA GC/MS	VOA GC	PEST PCB	METALS	TCLP HERB	WATER QUALITY
B30101	A4691104	-	-	-	-	ASP00	-	ASP00
B30102	A4691102	-	-	-	-	ASP00	-	ASP00
B30103	A4691103	-	-	-	-	ASP00	-	ASP00
B30104	A4691101	-	-	-	-	ASP00	-	ASP00

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE 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
B30101	WATER	T ME	07/22/2004	07/23 – 08/06/2004	08/06 – 17/2004
B30102	WATER	T ME	07/22/2004	07/23 – 08/06/2004	08/06 – 17/2004
B30103	WATER	T ME	07/22/2004	07/23 – 08/06/2004	08/06 – 17/2004
B30104	WATER	T ME	07/22/2004	07/23 – 08/06/2004	08/06 – 17/2004

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
B30101	WATER	ASP00	ASP00	AS REQUIRED	AS REQUIRED
B30102	WATER	ASP00	ASP00	AS REQUIRED	AS REQUIRED
B30103	WATER	ASP00	ASP00	AS REQUIRED	AS REQUIRED
B30104	WATER	ASP00	ASP00	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.

STL BUFFALO

NYS DEC

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

B30101

Contract: NY00-096

Lab Code: STLBFLO Case No.: SH904 SAS No.: SDG NO.: 0722

Matrix (soil/water): WATER Lab Sample ID: AD437844

Level (low/med): LOW Date Received: 7/22/2004

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	469			P
7440-36-0	Antimony	3.7	U		P
7440-38-2	Arsenic	2.1	U		P
7440-39-3	Barium	68.4	B		P
7440-41-7	Beryllium	0.52	B		P
7440-43-9	Cadmium	0.35	U		P
7440-70-2	Calcium	90300			P
7440-47-3	Chromium	1.2	U		P
7440-48-4	Cobalt	0.93	U		P
7440-50-8	Copper	4.3	B		P
7439-89-6	Iron	731			P
7439-92-1	Lead	1.5	U		P
7439-95-4	Magnesium	15000			P
7439-96-5	Manganese	40.6			P
7440-02-0	Nickel	1.8	B		P
7440-09-7	Potassium	3740	B		P
7782-49-2	Selenium	4.8	U		P
7439-97-6	Mercury	0.200	U		CV
7440-22-4	Silver	1.2	U		P
7440-23-5	Sodium	108000			P
7440-28-0	Thallium	4.8	U		P
7440-62-2	Vanadium	1.5	B		P
7440-66-6	Zinc	8.7	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.

B30102

Contract: NY00-096

Lab Code: STLBFLO Case No.: SH904 SAS No.: SDG NO.: 0722

Matrix (soil/water): WATER Lab Sample ID: AD437842

Level (low/med): LOW Date Received: 7/22/2004

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	42.0	B		P
7440-36-0	Antimony	3.7	U		P
7440-38-2	Arsenic	2.1	U		P
7440-39-3	Barium	81.2	B		P
7440-41-7	Beryllium	0.44	B		P
7440-43-9	Cadmium	0.35	U		P
7440-70-2	Calcium	72600			P
7440-47-3	Chromium	1.2	U		P
7440-48-4	Cobalt	0.93	U		P
7440-50-8	Copper	4.3	B		P
7439-89-6	Iron	129			P
7439-92-1	Lead	1.5	U		P
7439-95-4	Magnesium	11100			P
7439-96-5	Manganese	36.9			P
7440-02-0	Nickel	1.4	U		P
7440-09-7	Potassium	3830	B		P
7782-49-2	Selenium	4.8	U		P
7439-97-6	Mercury	0.200	U		CV
7440-22-4	Silver	1.2	U		P
7440-23-5	Sodium	90700			P
7440-28-0	Thallium	4.8	U		P
7440-62-2	Vanadium	1.1	U		P
7440-66-6	Zinc	3.0	U		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.

B30103

Contract: NY00-096

Lab Code: STLBFLO Case No.: SH904 SAS No.: SDG NO.: 0722

Matrix (soil/water): WATER Lab Sample ID: AD437843

Level (low/med): LOW Date Received: 7/22/2004

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	21.9	U		P
7440-36-0	Antimony	3.7	U		P
7440-38-2	Arsenic	2.1	U		P
7440-39-3	Barium	186	B		P
7440-41-7	Beryllium	0.63	B		P
7440-43-9	Cadmium	0.35	U		P
7440-70-2	Calcium	142000			P
7440-47-3	Chromium	1.2	U		P
7440-48-4	Cobalt	0.93	U		P
7440-50-8	Copper	1.4	B		P
7439-89-6	Iron	182			P
7439-92-1	Lead	1.5	U		P
7439-95-4	Magnesium	23400			P
7439-96-5	Manganese	222			P
7440-02-0	Nickel	1.4	U		P
7440-09-7	Potassium	6780	B		P
7782-49-2	Selenium	4.8	U		P
7439-97-6	Mercury	0.200	U		CV
7440-22-4	Silver	1.2	U		P
7440-23-5	Sodium	236000			P
7440-28-0	Thallium	4.8	U		P
7440-62-2	Vanadium	1.1	U		P
7440-66-6	Zinc	3.0	U		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.

B30104

Contract: NY00-096

Lab Code: STLBFLO Case No.: SH904 SAS No.: SDG NO.: 0722

Matrix (soil/water): WATER Lab Sample ID: AD437838

Level (low/med): LOW Date Received: 7/22/2004

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	52.4	B		P
7440-36-0	Antimony	3.7	U		P
7440-38-2	Arsenic	2.1	U		P
7440-39-3	Barium	63.0	B		P
7440-41-7	Beryllium	0.32	B		P
7440-43-9	Cadmium	0.35	U		P
7440-70-2	Calcium	59600			P
7440-47-3	Chromium	1.2	U		P
7440-48-4	Cobalt	0.93	U		P
7440-50-8	Copper	5.1	B		P
7439-89-6	Iron	122			P
7439-92-1	Lead	1.5	U		P
7439-95-4	Magnesium	8870			P
7439-96-5	Manganese	12.9	B		P
7440-02-0	Nickel	1.4	U		P
7440-09-7	Potassium	3140	B		P
7782-49-2	Selenium	4.8	U		P
7439-97-6	Mercury	0.200	U		CV
7440-22-4	Silver	1.2	U		P
7440-23-5	Sodium	64300			P
7440-28-0	Thallium	4.8	U		P
7440-62-2	Vanadium	1.1	U		P
7440-66-6	Zinc	5.4	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
Wet Chemistry Analysis

Client Sample No.: B30101

Lab Name: STL Buffalo Contract: C004154

Lab Code: RECNY Case No.: SH904 SAS No.: _____ SDG No.: 0722

Matrix (soil/water): WATER Lab Sample ID: A4691104

% Solids: 0.0 Date Samp/Recv: 07/22/2004 07/22/2004

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Filterable Residue (180 C)	MG/L	576				160.1	07/22/2004

Comments:

NYS DEC
NYS DEC ASP Contract #C004154 - Region 9
Wet Chemistry Analysis

Client Sample No.

B30102

Lab Name: STL Buffalo Contract: C004154

Lab Code: RECNY Case No.: SH904 SAS No.: _____ SDG No.: 0722

Matrix (soil/water): WATER Lab Sample ID: A4691102

% Solids: 0.0 Date Samp/Recv: 07/22/2004 07/22/2004

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Filterable Residue (180 C)	MG/L	460				160.1	07/22/2004

Comments:

NYS DEC
NYS DEC ASP Contract #C004154 - Region 9
Wet Chemistry Analysis

Client Sample No.: B30103

Lab Name: STL Buffalo Contract: C004154

Lab Code: RECNY Case No.: SH904 SAS No.: _____ SDG No.: 0722

Matrix (soil/water): WATER Lab Sample ID: A4691103

% Solids: 0.0 Date Samp/Recv: 07/22/2004 07/22/2004

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Filterable Residue (180 C)	MG/L	1160				160.1	07/22/2004

Comments:

NYS DEC
NYS DEC ASP Contract #C004154 - Region 9
Wet Chemistry Analysis

Client Sample No.

B30104

Lab Name: STL Buffalo Contract: C004154

Lab Code: RECNY Case No.: SH904 SAS No.: _____ SDG No.: 0722

Matrix (soil/water): WATER Lab Sample ID: A4691101

% Solids: 0.0 Date Samp/Recv: 07/22/2004 07/22/2004

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Filterable Residue (180 C)	MG/L	358				160.1	07/22/2004

Comments:

Chain of Custody Record

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client	Project Manager	Date	Chain of Custody Number
NYSDEC	D. Szymanski	07/22/04	166869
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 1**
270 Michigan Ave	716 851-7220		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
Buffalo / NY / 14203		B. Fischer	
Project Name and Location (State)	**Carrier/Waybill Number**		
B301			
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: TDS	TAL Metals
SH904 0722 B30101	07/22/04	0940		✓					✓				1	1
SH904 0722 B30102	"	0955		↓					↓				1	1
SH904 0722 B30103	"	0955		↓					↓				1	1
SH904 0722 B30104	"	1000		↓					↓				1	1

Special Instructions/ Conditions of Receipt

Possible Hazard Identification

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required

☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☑ Other STD DEC

QC Requirements (Specify)

	Relinquished By	Date	Time	Received By	Date	Time
1.	David S. Szymanski	7-22-04	1103	[signature] GTR	07/22/04	1103
2.						
3.						

Comments

4.2°C

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

74-15-1 (9/97)—q

One Copy of This Sheet Goes To: a) Room 392, 50 Wolf Road, Albany, New York 12233-3502
b) With sample to contract lab c) Retain for your records

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 material(s).

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

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

CONTRACT LABORATORY PROTOCOLS

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

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-01 ☐ 58. Other _____

COLLECTED BY:	TELEPHONE NUMBER:	REGION NO.:
D. Szymanski	851-7220	9

CONTRACT LABORATORY:	COUNTY:	SAMPLING DATE:	MILITARY TIME:
STL	Erie	07/22/04	1000 hr.

SAMPLE MATRIX:
☐ Air ☐ Soil/Sediment ☐ Groundwater X Surface Water ☐ Wastewater ☐ Other _____

CASE NO.	SDG NO.	SAMPLE NO.	CHECK FOR MS/MD	TYPE OF SAMPLE
SH9041	0722	B30104	☐ This Sample	X Grab ☐ Composite ☐ Term

☐ Check if there will be more samples with this SDG sent in this calendar week.
SAMPLING POINT:
Tannery Brook - 15' upstream outfall

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
9 | 1 | 5 | 1 | 5 | 7

74-15-1 (9/97)—q

One Copy of This Sheet Goes To: a) Room 392, 50 Wolf Road, Albany, New York 12233-3502
b) With sample to contract lab c) Retain for your records

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 material(s).

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

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

CONTRACT LABORATORY PROTOCOLS

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

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-01 ☐ 58. Other _____

COLLECTED BY:	TELEPHONE NUMBER:	REGION NO.:
D. Szymanski	851-7220	9

CONTRACT LABORATORY:	COUNTY:	SAMPLING DATE:	MILITARY TIME:
STL	Erie	07/22/04	955 hrs

SAMPLE MATRIX:

☐ Air ☐ Soil/Sediment ☐ Groundwater **X** Surface Water ☐ Wastewater ☐ Other_____

CASE NO.	SDG NO.	SAMPLE NO.	CHECK FOR MS/MD	TYPE OF SAMPLE
SH9041	0121	B30102	☐ This Sample	**X** Grab ☐ Composite ☐ Term

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

SAMPLING POINT:

Tannery Brook - 120' Downstream Outfall

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

9	1	5	1	5	7	

74-15-1 (9/97)—q

One Copy of This Sheet Goes To: a) Room 392, 50 Wolf Road, Albany, New York 12233-3502
b) With sample to contract lab c) Retain for your records

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 material(s).

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

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

CONTRACT LABORATORY PROTOCOLS

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

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-01 ☐ 58. Other _____

COLLECTED BY:	TELEPHONE NUMBER:	REGION NO.:
D. Szymanski	851-7220	9

CONTRACT LABORATORY:	COUNTY:	SAMPLING DATE:	MILITARY TIME:
STL	Erie	07/22/04	0955 hrs

SAMPLE MATRIX:

☐ Air ☐ Soil/Sediment ☐ Groundwater X Surface Water ☐ Wastewater ☐ Other_____

CASE NO.	SDG NO.	SAMPLE NO.	CHECK FOR MS/MD	TYPE OF SAMPLE
S H 9 0 4	0 7 2 2	B 3 0 1 0 3	☐ This Sample	X Grab ☐ Composite ☐ Term

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

SAMPLING POINT:

Tannery Brook - Outfall Mr. C's discharge

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

9 1 5 1 5 7

74-15-1 (9/97)—q

One Copy of This Sheet Goes To: a) Room 392, 50 Wolf Road, Albany, New York 12233-3502
b) With sample to contract lab c) Retain for your records

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 material(s).

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

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

CONTRACT LABORATORY PROTOCOLS

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

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-01 ☐ 58. Other _____

COLLECTED BY:	TELEPHONE NUMBER:	REGION NO.:
D. Szymanski	851-7220	9

CONTRACT LABORATORY:	COUNTY:	SAMPLING DATE:	MILITARY TIME:
STL	Erie	07/22/04	0948 hrs.

SAMPLE MATRIX:

☐ Air ☐ Soil/Sediment ☐ Groundwater X Surface Water ☐ Wastewater ☐ Other _____

CASE NO.	SDG NO.	SAMPLE NO.	CHECK FOR MS/MD	TYPE OF SAMPLE
SH9041	07/22	B3011	☐ This Sample	X Grab ☐ Composite ☐ Term

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

SAMPLING POINT:

Tannery Brook - At Cemetery → upstream of Cazenovia Creek

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

9 | 1 | 5 | 1 | 5 | 7 |

METALS DATA

STL BUFFALO

NYS DEC
COVER PAGE - INORGANIC ANALYSIS DATA PACKAGE

Contract: NY00-096 SDG No.: 0722

Lab Code: STLBFLO Case No.: SH904 SAS No.:

SOW No.:

Sample ID.	Lab Sample No.
B30101	A4691104
B30102	A4691102
B30103	A4691103
B30104	A4691101
B30104/MD	A4691101MD
B30104/MS	A4691101MS
B30104/SD	A4691101SD

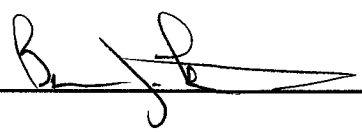
Were ICP interelement corrections applied? Yes/No YES

Were ICP background corrections applied? Yes/No YES

If yes-were raw data generated before application of background corrections? Yes/No NO

Comments:

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 the Manager's designee, as verified by the following signature.

Signature:  Name: Brian Fischer

Date: 8-19-04 Title: Project Manager