

received
April 9, 2001

copy given to Reg 5 5/29/01



Reviewed 5/23/01
JCS

QUARTERLY OPERATING REPORT JANUARY-MARCH 2000

WORK ASSIGNMENT D003825-14

**FORT EDWARD LANDFILL
FORT EDWARD (T)**

**SITE NO. 5-58-001
WASHINGTON (C), NY**

Prepared for:
NEWYORKSTATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
50 Wolf Road, Albany, New York

John P. Cahill, Commissioner

DIVISION OF ENVIRONMENTAL REMEDIATION

URS Corporation Group Consultants
282 Delaware Avenue
Buffalo, New York 14202

QUARTERLY REPORT OF OPERATIONS

JANUARY 1 TO MARCH 31, 2000

FOR THE

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

WORK ASSIGNMENT NO. D003825-14-

FORT EDWARD LANDFILL

NYSDEC SITE NO. 5-58-001

FORT EDWARD (T), WASHINGTON (C), NEW YORK

SUBMITTED BY:

URS CORPORATION GROUP CONSULTANTS

282 DELAWARE AVENUE

BUFFALO, NEW YORK 14202

APRIL 2001

TABLE OF CONTENTS

	<u>Page No.</u>
1.0 INTRODUCTION	1
2.0 PROCESS MONITORING	2
3.0 PERFORMANCE MONITORING	3
4.0 GROUNDWATER MONITORING	4
5.0 SURFACE WATER MONITORING	5
6.0 GAS MONITORING	6
7.0 MAINTENANCE AND REPAIR	7

TABLES

	<u>Following Page No.</u>
Table 1 Process Monitoring Summary	2
Table 2 Volatile Organic Compounds (VOCs) Summary of Analytical Results from Groundwater Treatment System	3
Table 3 Metals Summary of Analytical Results from Groundwater Treatment System	3
Table 4 Miscellaneous Parameters Summary of Analytical Results from Groundwater Treatment System	3

FIGURES

	<u>Following Page No.</u>
Figure 1 Sample and Process Monitoring Locations	1
Figure 2 Groundwater Locations, Surface Water and Gas Monitoring	4

APPENDICES

Appendix A Analytical Results	
-------------------------------	--

1.0 INTRODUCTION

This report summarizes the long-term operation and maintenance (O&M) activities at the Fort Edward Landfill for the period from January 1 to March 31, 2000. The Fort Edward Landfill is a Class 2 Inactive Hazardous Waste Site (No. 5-58-001) located in the Town of Fort Edward, Washington County. The O&M services for this project will be provided for a period of 18 months with system operation reports being submitted on a quarterly basis. This is the fourth of six scheduled quarterly reports under this work assignment.

The Fort Edward Landfill remediation consists of a final cover system over the landfill, a leachate/groundwater collection system, a landfill gas collection trench, and a groundwater/leachate treatment system; including a pretreatment building and a constructed wetland treatment system (CWTS) with three cells. Refer to Figure 1 for a schematic of the process.

The air stripper was installed to remove volatile organic compounds (VOCs) from the water. During the start-up period, however, it became apparent that the air stripper was not needed, since the concentrations of VOCs in the influent were below the discharge criteria. As a result, the air stripper is not currently being used.

Also, the deposit control chemical FeREMEDE® is added to the incoming water to keep the iron in solution, thereby preventing it from depositing and fouling the system.

Mitkem Corporation provided analytical services for the first of eight weekly sampling events and the first round (year 1) of groundwater and surface water sampling. On May 14, 1999, the Department requested that URS Corporation Group Consultants (URS) utilize the New York State Department of Health (NYSDOH) laboratory for all analytical services after June 1, 1999. All analytical results included in this report are from the NYSDOH laboratory.

2.0 PROCESS MONITORING

Process monitoring includes physical measurements of process parameters. Measurements for this remediation system include flow rates and water levels. The flow rates are measured at five (5) locations, and the water levels are measured at eight (8) locations (Figure 1). Measurements for the period are summarized in Table 1.

3.0 PERFORMANCE MONITORING

Performance monitoring included water sampling and analysis at two (2) locations (SL-1 and SL-6 on Figure 1). The analytical results are utilized to evaluate the progress of the remediation at the site.

The samples were analyzed for target compound list (TCL) volatile organic compounds (VOCs) by NYSDEC ASP Method 95-1 and site-specific target analyte list (TAL) metals by NYSDEC ASP Methods CLP-M. Each effluent sample was also analyzed for total dissolved solids by Standard Method SM2540C, total suspended solids by SM2540D, total phenols by SM5530B and pH by SM4500H.

System influent (SL-1) and effluent (SL-6) results for all detected analytes are summarized in Table 2 (VOCs) and Table 3 (Metals). The data for total dissolved solids (TDS), total suspended solids (TSS), total phenols and pH, of the effluent samples, are summarized in Table 4. Analytical results are included in Appendix A.

During this operating period, the discharge criterion (500 mg/l) for total dissolved solids (TDS) was exceeded in the effluent sample for February (595 mg/l). The average TDS concentration for this period (409 mg/l) is less than last period (535 mg/l). The TDS discharge criterion was met for January (484 mg/l) and March (150 mg/l).

Iron exceeded discharge criteria for all three sampling events. Cobalt exceeded discharge criteria in January and zinc in February. The zinc exceedance was an unusual event (this was the first exceedance ever recorded) and no cause was determined.

In general, effluent quality has remained stable based on data from this report compared to the previous monitoring period.

4.0 GROUNDWATER MONITORING

Samples are scheduled to be collected and analyzed from the network of groundwater monitoring wells twice per year (Figure 2). Samples were not collected during this reporting period. The next scheduled groundwater sampling event is May 2000.

5.0 SURFACE WATER MONITORING

Sampling and analysis of the Glens Falls Feeder Canal and the small tributaries flowing from the landfill to the Feeder Canal are performed twice a year to assess the effect of the remediation on surface water quality.

Samples were not collected during this reporting period. The next scheduled sampling event is May 2000.

6.0 GAS MONITORING

Gas monitoring at the gas vents (both before and after the carbon canister), gas monitoring piezometers, and the landfill perimeter is scheduled to be performed twice a year (Figure 2). Gas monitoring was not performed during this reporting period. The next scheduled sampling event is May 2000.

7.0 MAINTENANCE AND REPAIR

The remediation system operated efficiently and as expected throughout this period. Maintenance and repair activities occurring during this reporting period are summarized below.

In January:

- The force main from the effluent collection sump to the effluent collection pond was repaired and cleaned.
- The FeREMEDE® drum was replaced.

In March:

- All submersible pumps were removed and inspected and found to be clean and in working order.
- All flow sensors were found to be biofouled, ^{They}~~the wire~~ cleaned, inspected, and returned to working order.
- The force main from the effluent collection sump was found to be plugged and was cleaned.

TABLE 1
PROCESS MONITORING SUMMARY

MONITORING LOCATION	PARAMETER	JANUARY 2000	FEBRUARY 2000	MARCH 2000
W1 PM-1	Level (ft of H ₂ O)	5.3	6.4	6.7
W2 PM-2	Level (ft of H ₂ O)	10.3	8.3	12.3
W3 PM-3	Level (ft of H ₂ O)	8.8	10.2	12.3
W4 PM-4	Level (ft of H ₂ O)	4.7	4.7	4.7
Cell 1 sensors PM-5	Level (ft of H ₂ O)	2.2 - 2.4	2.0 - 2.3	2.1 - 2.3
cell 2 — PM-6	Level (ft of H ₂ O)	2.2 - 2.3	2.2	2.2
cell 3 — PM-7	Level (ft of H ₂ O)	2.5 - 2.6	2.4 - 2.6	2.4 - 2.6
W5 PM-8	Level (ft of H ₂ O)	NM	4.7	NM
Flowmeter into Bldg PM-9	Flow (gpm) ⁽¹⁾	16	9.9	----
201 PM-10	Flow (gpm) ⁽¹⁾	7.95	7.5	----
202 PM-11	Flow (gpm) ⁽¹⁾	8.58	6.8	----
203 PM-12	Flow (gpm) ⁽¹⁾	11.60	12.4	----
204 PM-13	Flow (gpm) ^{(1),(2)}	12.51	10.2	----

Notes:

- (1) Flow rates are intermittent. Total flows are not available because the flow indicators are not equipped with totalizers.
- (2) The fourth pump, which is common to all three cells, discharged to cell #1 during this three-month period.

NM indicates that no measurement was taken

No flow data was recorded for March due to biofouling of the flowmeters

TABLE 2
VOLATILE ORGANIC COMPOUNDS (VOCs)
SUMMARY OF ANALYTICAL RESULTS
FROM GROUNDWATER TREATMENT SYSTEM

		CONCENTRATION ($\mu\text{g/l}$)	CONCENTRATION ($\mu\text{g/l}$)	CONCENTRATION ($\mu\text{g/l}$)
	Discharge Criteria,	January 2000	February 2000	March 2000
Contaminant		12 th	22 nd	28 th
	($\mu\text{g/l}$)	I : E	I : E	I : E
Vinyl Chloride	50	ND:ND	ND:ND	ND:ND
1,2 Dichloroethene	30	8:ND	ND:ND	ND:ND
Benzene	10	2:ND	6:ND	ND:ND
Chlorobenzene	10	2:ND	1:ND	0.9:ND
Chloroethane	20	2:ND	ND:ND	ND:ND
Ethylbenzene	10	0.7:ND	2:ND	ND:ND
Toluene	10	1:ND	2:0.08B	ND:ND
Total Xylenes	10	6:ND	8:0.1B	0.6:ND
Methylene Chloride	50	0.3B:0.2B	ND:0.2B	ND:0.1B
1,1 Dichloroethane	30	ND:ND	ND:ND	ND:ND
Methyl Ethylketone	NV	ND:ND	ND:ND	7:ND

I = Influent E = Effluent ND = Not Detected NA = Not Analyzed NV = No discharge criteria
has been established

B = Blank Contamination

Only detected analytes are included.

Shaded area indicates result exceeds standard.

TABLE 3 – METALS
SUMMARY OF ANALYTICAL RESULTS
FROM GROUNDWATER TREATMENT SYSTEM

		CONCENTRATION (µg/l)		CONCENTRATION (µg/l)		CONCENTRATION (µg/l)	
	Discharge Criteria (µg/l)	January 2000		February 2000		March 2000	
Contaminant		12 th		22 nd		28 th	
		I : E		I : E		I : E	
Barium	3500	27:99		98:51		83:25	
Calcium	NV	36.1*:103*		117*:124*		107*:34.2*	
Cobalt	5	7	:8	7:5		7:ND	
Iron	300	15.4*	:7.69*	41.6*	:339	31*	:467
Magnesium	NV	26.1*:20.3*		32.5*:48.8*		26.5*:8.3*	
Manganese	NV	2.7*:1.76*		2.3*:1.33*		2.9*:289	
Nickel	9.6	ND:8		10:7		ND:ND	
Potassium	NV	5.5*:5.2*		10.9*:1.9*		ND:ND	
Sodium	NV	51.3*:30.4*		70.5*:44.*		52*:8*	
Zinc	170	13:ND		23	:201	13:ND	

I = Influent E = Effluent ND = Not Detected NA = Not Analyzed NV = No discharge criteria has been established

* = Multiply by 1,000

B = Blank Contamination

Only detected analytes are included.



 Shading indicates result exceeds standard

TABLE 4
SUMMARY OF ADDITIONAL ANALYTICAL RESULTS
FROM GROUNDWATER TREATMENT SYSTEM

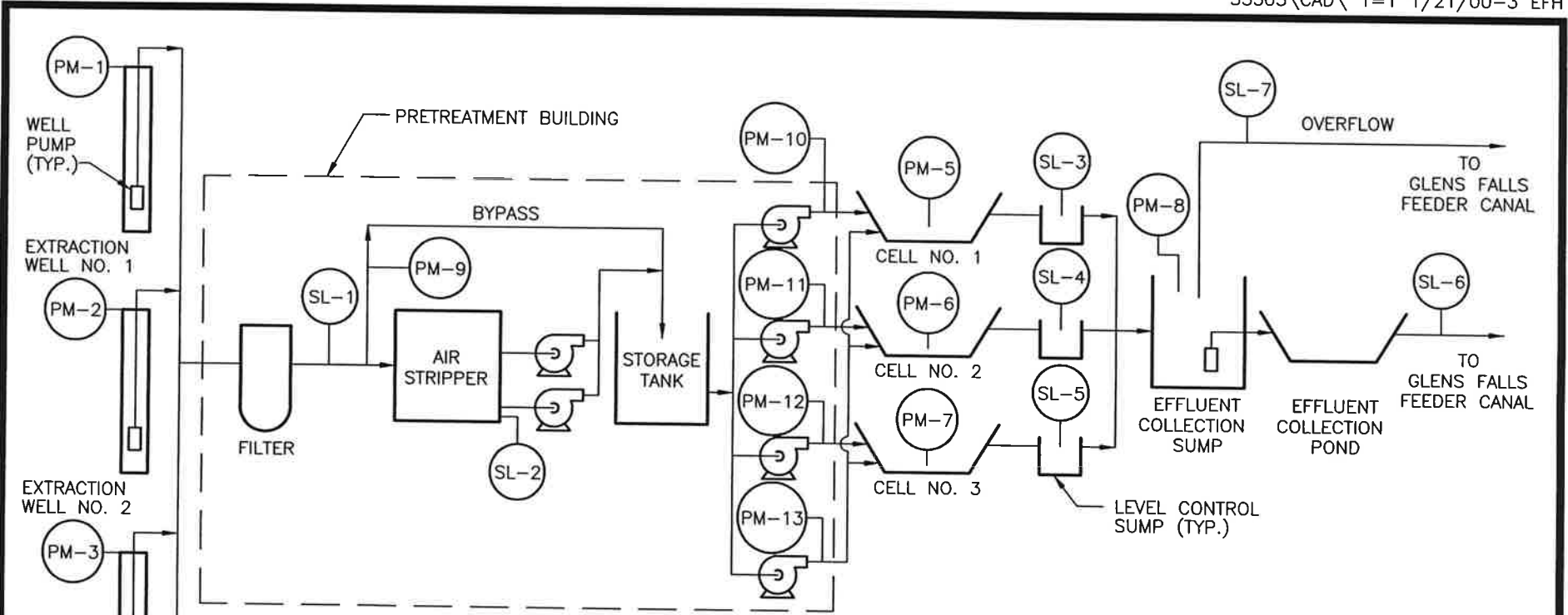
		CONCENTRATION (mg/l)	CONCENTRATION (mg/l)	CONCENTRATION (mg/l)
	Discharge Criteria	January 2000	February 2000	March 2000
Contaminant		12 th	22 nd	28 th
		E	E	E
Total Dissolved Solids	500 mg/l	478	604	140
Total Suspended Solids	50 mg/l	39	1	4
Total Phenols	0.008 mg/l	0.004	0.002	0.004
pH	6.0 - 9.0	7.3	NA	NA

I = Influent E = Effluent ND = Not Detected NA = Not Analyzed NV = No discharge criteria
 B = Blank Contamination has been established

 Shading indicates result exceeds standard

Only detected analytes are included.

Shaded area indicates result exceeds standard.



PROCESS MONITORING LOCATION KEY

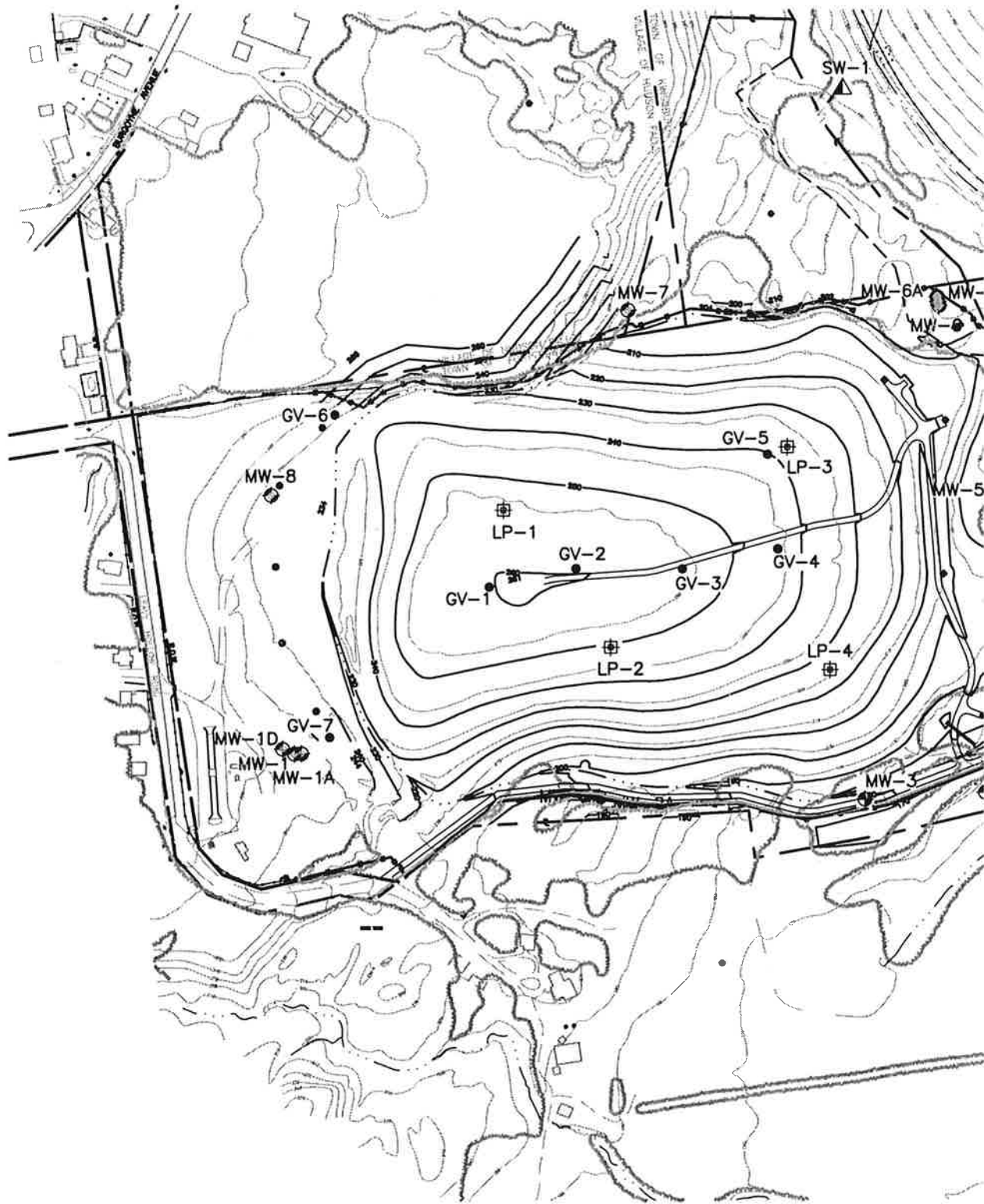
- PM-1 = LEVEL EXT. WELL NO. 1
- PM-2 = LEVEL EXT. WELL NO. 2
- PM-3 = LEVEL EXT. WELL NO. 3
- PM-4 = LEVEL COLLECTION TRENCH SUMP
- PM-5 = LEVEL CELL 1
- PM-6 = LEVEL CELL 2
- PM-7 = LEVEL CELL 3
- PM-8 = LEVEL EFFLUENT COLLECTION SUMP
- PM-9 = BYPASS FLOW
- PM-10 = DISCHARGE FLOW TO CELL 1
- PM-11 = DISCHARGE FLOW TO CELL 2
- PM-12 = DISCHARGE FLOW TO CELL 3
- PM-13 = DISCHARGE FLOW TO EITHER CELL 1, CELL 2 OR CELL 3

SAMPLE LOCATION KEY

- SL-1 = AST INFLUENT
- SL-2 = AS EFFLUENT
- SL-3 = CELL 1 EFF
- SL-4 = CELL 2 EFF
- SL-5 = CELL 3 EFF
- SL-6 = POND EFF
- SL-7 = OVERFLOW

LEGEND

- PROCESS MONITORING LOCATION
- SAMPLE LOCATION
- PUMP



NOTE:
BASE MAPPING FOR THIS D
FORT EDWARD LANDFILL RE

APPENDIX A

**ANALYTICAL SAMPLE RESULTS
FORT EDWARD LANDFILL
JANUARY - MARCH, 2000**

Location I.D.		AS_EFFLUENT	AS_EFFLUENT	AS_EFFLUENT	AS_EFFLUENT	AS_EFFLUENT	AS_EFFLUENT
Sample I.D.		AST_EFFLUENT	AST_EFFLUENTD	AST_EFFLUENT	AST_EFFLUENTD	AST_EFFLUENT	AST_EFFLUENTD
Matrix		Water	Water	Water	Water	Water	Water
Date Sampled		01/12/2000	01/12/2000	02/22/2000	02/22/2000	03/28/2000	03/28/2000
Parameter	Units		DUP		DUP		DUP
Volatiles							
1,1,1-Trichloroethane	UG/L	10 U	NA	10 U	NA	10 U	NA
1,1,2,2-Tetrachloroethane	UG/L	10 U	NA	10 U	NA	10 U	NA
1,1,2-Trichloroethane	UG/L	10 U	NA	10 U	NA	10 U	NA
1,1-Dichloroethane	UG/L	10 U	NA	10 U	NA	10 U	NA
1,1-Dichloroethene	UG/L	10 U	NA	10 U	NA	10 U	NA
1,2-Dichloroethane	UG/L	10 U	NA	10 U	NA	10 U	NA
1,2-Dichloroethene (total)	UG/L	1 J	NA	10 U	NA	10 U	NA
1,2-Dichloropropane	UG/L	10 U	NA	10 U	NA	10 U	NA
2-Hexanone	UG/L	10 U	NA	10 U	NA	10 U	NA
4-Methyl-2-Pentanone	UG/L	10 U	NA	10 U	NA	10 U	NA
Acetone	UG/L	10 U	NA	10 U	NA	10 U	NA
Benzene	UG/L	10 U	NA	10 U	NA	10 U	NA
Bromodichloromethane	UG/L	10 U	NA	10 U	NA	10 U	NA
Bromoform	UG/L	10 U	NA	10 U	NA	10 U	NA
Bromomethane	UG/L	10 U	NA	10 U	NA	10 U	NA
Carbon Disulfide	UG/L	10 U	NA	10 U	NA	10 U	NA
Carbon Tetrachloride	UG/L	10 U	NA	10 U	NA	10 U	NA
Chlorobenzene	UG/L	10 U	NA	10 U	NA	10 U	NA
Chloroethane	UG/L	10 U	NA	10 U	NA	10 U	NA
Chloroform	UG/L	10 U	NA	10 U	NA	10 U	NA
Chloromethane	UG/L	10 U	NA	10 U	NA	10 U	NA
Dibromochloromethane	UG/L	10 U	NA	10 U	NA	10 U	NA
Ethylbenzene	UG/L	10 U	NA	10 U	NA	10 U	NA
Methyl Ethyl Ketone (2-Butanone)	UG/L	10 U	NA	10 U	NA	10 U	NA
Methylene Chloride	UG/L	10 U	NA	10 U	NA	10 U	NA
Styrene	UG/L	10 U	NA	10 U	NA	10 U	NA
Tetrachloroethene	UG/L	10 U	NA	10 U	NA	10 U	NA
Toluene	UG/L	10 U	NA	10 U	NA	10 U	NA
Total Xylenes	UG/L	0.1 J	NA	10 U	NA	10 U	NA
Trichloroethene	UG/L	10 U	NA	10 U	NA	10 U	NA
Vinyl Chloride	UG/L	10 U	NA	10 U	NA	10 U	NA
cis-1,3-Dichloropropene	UG/L	10 U	NA	10 U	NA	10 U	NA
trans-1,3-Dichloropropene	UG/L	10 U	NA	10 U	NA	10 U	NA

**ANALYTICAL SAMPLE RESULTS
FORT EDWARD LANDFILL
JANUARY - MARCH, 2000**

Location I.D.		AS_EFFLUENT	AS_EFFLUENT	AS_EFFLUENT	AS_EFFLUENT	AS_EFFLUENT	AS_EFFLUENT
Sample I.D.		AST_EFFLUENT	AST_EFFLUENTD	AST_EFFLUENT	AST_EFFLUENTD	AST_EFFLUENT	AST_EFFLUENTD
Matrix		Water	Water	Water	Water	Water	Water
Date Sampled		01/12/2000	01/12/2000	02/22/2000	02/22/2000	03/28/2000	03/28/2000
Parameter	Units		DUP		DUP		DUP
PCB							
Aroclor 1221	UG/L	NA	NA	0.05 U	NA	NA	NA
Aroclor 1016 /1242	UG/L	NA	NA	0.05 U	NA	NA	NA
Aroclor 1248	UG/L	NA	NA	0.05 U	NA	NA	NA
Aroclor 1254	UG/L	NA	NA	0.05 U	NA	NA	NA
Aroclor 1260	UG/L	NA	NA	0.05 U	NA	NA	NA

MADE BY: _____ DATE: _____
CHKD BY: _____ DATE: _____

**ANALYTICAL SAMPLE RESULTS
FORT EDWARD LANDFILL
JANUARY - MARCH, 2000**

Location I.D.		AS_EFFLUENT	AS_EFFLUENT	AS_EFFLUENT	AS_EFFLUENT	AS_EFFLUENT	AS_EFFLUENT
Sample I.D.		AST_EFFLUENT	AST_EFFLUENTD	AST_EFFLUENT	AST_EFFLUENTD	AST_EFFLUENT	AST_EFFLUENTD
Matrix		Water	Water	Water	Water	Water	Water
Date Sampled		01/12/2000	01/12/2000	02/22/2000	02/22/2000	03/28/2000	03/28/2000
Parameter	Units		DUP		DUP		DUP
Metals							
Aluminum	UG/L	399	404	41.0	34.0	49.0	60.0
Antimony	UG/L	75.0 U	75.0 U	75.0 U	75.0 U	75.0 U	75.0 U
Arsenic	UG/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Barium	UG/L	99.0	97.0	51.0	52.0	25.0	27.0
Beryllium	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cadmium	UG/L	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
Calcium	UG/L	103000	105000	124000	128000	34200	36100
Chromium	UG/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Cobalt	UG/L	8.0	9.0	5.0	5.0 U	5.0 U	5.0 U
Copper	UG/L	5.0	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Iron	UG/L	7690	7770	339	316	467	503
Lead	UG/L	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U
Magnesium	UG/L	20300	20500	48800	50000	8300	8700
Manganese	UG/L	1760	1770	1330	1350	289	304
Mercury	UG/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	UG/L	8.0	10.0	7.0	10.0	5.0 U	5.0 U
Potassium	UG/L	5200	5200	1900	2000	1100	1200
Selenium	UG/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Silver	UG/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Sodium	UG/L	30400	30300	44000	44900	8000	8400
Thallium	UG/L	75.0 U	75.0 U	75.0 U	75.0 U	75.0 U	75.0 U
Vanadium	UG/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Zinc	UG/L	10.0 U	10.0 U	201	206	10.0 U	10.0 U
Molybdenum	UG/L	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U
Strontium	UG/L	429	433	603	618	151	160
Tin	UG/L	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U
Titanium	UG/L	15.0	15.0	5.0 U	5.0 U	5.0 U	5.0 U

**ANALYTICAL SAMPLE RESULTS
FORT EDWARD LANDFILL
JANUARY - MARCH, 2000**

Location I.D.		AS_EFFLUENT	AS_EFFLUENT	AS_EFFLUENT	AS_EFFLUENT	AS_EFFLUENT	AS_EFFLUENT
Sample I.D.		AST_EFFLUENT	AST_EFFLUENTD	AST_EFFLUENT	AST_EFFLUENTD	AST_EFFLUENT	AST_EFFLUENTD
Matrix		Water	Water	Water	Water	Water	Water
Date Sampled		01/12/2000	01/12/2000	02/22/2000	02/22/2000	03/28/2000	03/28/2000
Parameter	Units		DUP		DUP		DUP
MISC							
Total Dissolved Solids	MG/L	478	484	604	595	140	150
Total Phenols	MG/L	0.004	0.004	0.002	0.001	0.004	0.004
Total Suspended Solids	MG/L	44	39	3	1	4	5

MADE BY: _____ DATE: _____
CHKD. BY: _____ DATE: _____

**ANALYTICAL SAMPLE RESULTS
FORT EDWARD LANDFILL
JANUARY - MARCH, 2000**

Location I.D.		AS_INFLUENT	AS_INFLUENT	AS_INFLUENT
Sample I.D.		AST_INFLUENT	AST_INFLUENT	AST_INFLUENT
Matrix		Water	Water	Water
Date Sampled		01/12/2000	02/22/2000	03/28/2000
Parameter	Units			
Volatiles				
1,1,1-Trichloroethane	UG/L	10 U	10 U	10 U
1,1,2,2-Tetrachloroethane	UG/L	10 U	10 U	10 U
1,1,2-Trichloroethane	UG/L	10 U	10 U	10 U
1,1-Dichloroethane	UG/L	10 U	10 U	10 U
1,1-Dichloroethene	UG/L	10 U	10 U	10 U
1,2-Dichloroethane	UG/L	10 U	10 U	10 U
1,2-Dichloroethene (total)	UG/L	8 J	10 U	10 U
1,2-Dichloropropane	UG/L	10 U	10 U	10 U
2-Hexanone	UG/L	10 U	10 U	10 U
4-Methyl-2-Pentanone	UG/L	10 U	10 U	10 U
Acetone	UG/L	10 U	10 U	10 U
Benzene	UG/L	2 J	6 J	10 U
Bromodichloromethane	UG/L	10 U	10 U	10 U
Bromoform	UG/L	10 U	10 U	10 U
Bromomethane	UG/L	10 U	10 U	10 U
Carbon Disulfide	UG/L	10 U	10 U	10 U
Carbon Tetrachloride	UG/L	10 U	10 U	10 U
Chlorobenzene	UG/L	2 J	1 J	0.9 J
Chloroethane	UG/L	2 J	10 U	10 U
Chloroform	UG/L	10 U	10 U	10 U
Chloromethane	UG/L	10 U	10 U	10 U
Dibromochloromethane	UG/L	10 U	10 U	10 U
Ethylbenzene	UG/L	0.7 J	2 J	10 U
Methyl Ethyl Ketone (2-Butanone)	UG/L	10 U	10 U	10 U
Methylene Chloride	UG/L	0.3 BJ	10 U	10 U
Styrene	UG/L	10 U	10 U	10 U
Tetrachloroethene	UG/L	10 U	10 U	10 U
Toluene	UG/L	1 J	2 J	10 U
Total Xylenes	UG/L	6 J	8 J	0.6 J
Trichloroethene	UG/L	10 U	10 U	10 U
Vinyl Chloride	UG/L	10 U	2 J	10 U
cis-1,3-Dichloropropene	UG/L	10 U	10 U	10 U
trans-1,3-Dichloropropene	UG/L	10 U	10 U	10 U

MADE BY: _____ DATE: _____
CHKD BY: _____ DATE: _____

J:\35505\DB\PROGRAM\RES.DBF(res6.frx.PRINT6.PRG)
03/27/2001