QUARTERLY OPERATING REPORT

[redacted]
OCT - DEC 1999

WORK ASSIGNMENT D003825-14

FORT EDWARD LANDFILL
FORT EDWARD (T)

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

Prepared for:
NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
50 Wolf Road, Albany, New York

John P. Cahill, Commissioner

DIVISION OF ENVIRONMENTAL REMEDIATION

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G3125

March 2001

QUARTERLY REPORT OF OPERATIONS

OCTOBER 1 TO DECEMBER 31, 1999

FOR THE

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

WORK ASSIGNMENT NO. D003825-1

FORT EDWARD LANDFILL
NYSDEC SITE NO. 5-58-001
FORT EDWARD (T), WASHINGTON (C), NEW YORK

SUBMITTED BY:
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282 DELAWARE AVENUE
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MARCH 2001

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1.0 INTRODUCTION

This report summarizes the long-term operation and maintenance (O&M) activities at the Fort Edward Landfill for the period from October 1 to December 31, 1999. 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 third 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.

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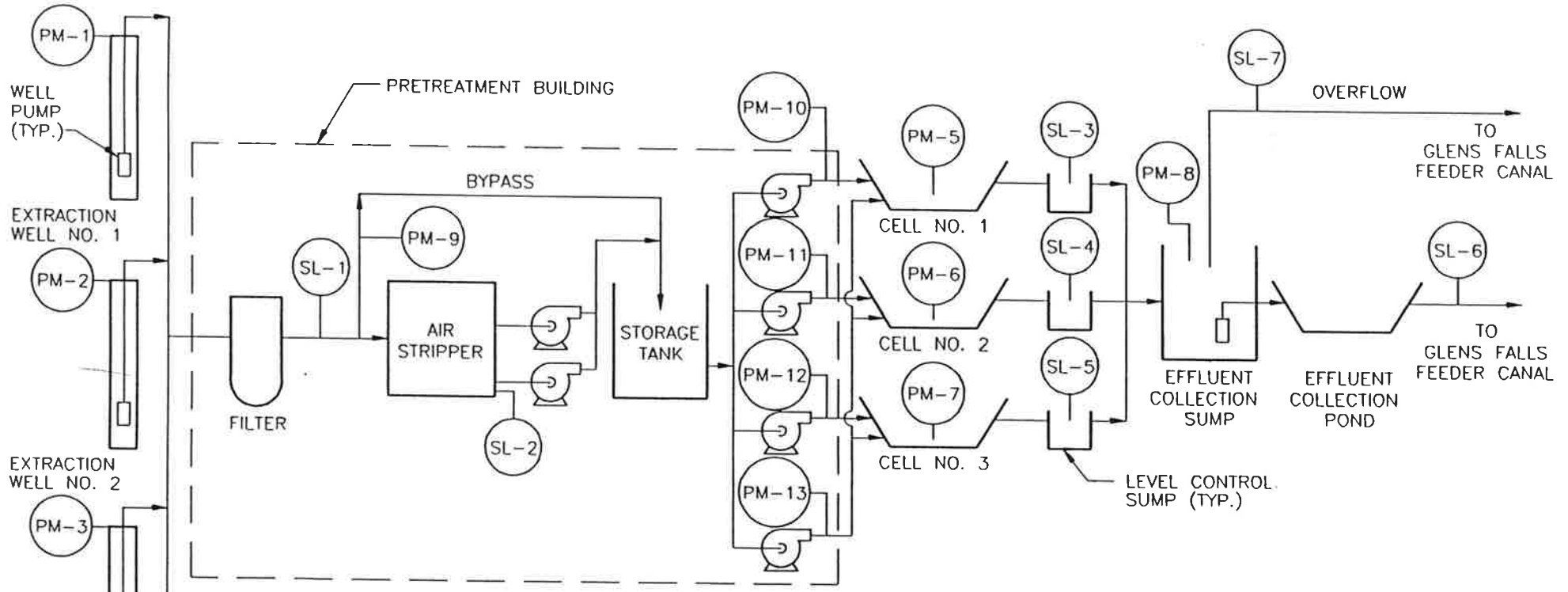

PROCESS MONITORING LOCATION KEY

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

PM — PROCESS MONITORING LOCATION
SL — SAMPLE LOCATION
PUMP

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SAMPLE AND PROCESS MONITORING LOCATIONS

FIGURE 1

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 all three effluent samples. However, the average TDS concentration for this period (535 mg/l) is less than last period (619 mg/l).

TABLE 1
PROCESS MONITORING SUMMARY

MONITORING LOCATION	PARAMETER	OCTOBER 1999	NOVEMBER 1999	DECEMBER 1999
PM-1	Level (ft of H_2O)	NM	5.2	5.6
PM-2	Level (ft of H_2O)	NM	9.6	10.4
PM-3	Level (ft of H_2O)	NM	6.9	19
PM-4	Level (ft of H_2O)	NM	4.7	4.7
PM-5	Level (ft of H_2O)	2.2 - 2.4	2.3 - 2.4	2.3 - 2.4
PM-6	Level (ft of H_2O)	2.3 - 2.4	2.3 - 2.4	2.3 - 2.4
PM-7	Level (ft of H_2O)	2.5	2.5 - 2.6	2.5 - 2.6
PM-8	Level (ft of H_2O)	NM	4.7	4.7
PM-9	Flow (gpm) (1)	16.8	25.7	21
PM-10	Flow (gpm) (1)	10.1	8.3	8.7
PM-11	Flow (gpm) (1)	10.4	10.6	9.9
PM-12	Flow (gpm) (1)	9.5	11.6	10.4
PM-13	Flow (gpm) (1),(2)	20.8	24.8	12.4

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 - No measurement was taken

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

		CONCENTRATION (μg/l)	CONCENTRATION (μg/l)	CONCENTRATION (μg/l)
	Discharge Criteria,	October 1999	November 1999	December 1999
Contaminant		20th	16th	15th
	(μg/l)	I : E	I : E	I : E
Vinyl Chloride	50	110:ND	ND:ND	ND:ND
1,2 Dichloroethene	30	58:ND	3B:ND	2:ND
Benzene	10	3:ND	2B:ND	0.9:ND
Chlorobenzene	10	3:ND	2B:ND	1B:ND
Chloroethane	20	3:ND	3B:ND	2:ND
Ethylbenzene	10	0.8:ND	0.4B:ND	0.07B:ND
Toluene	10	0.5:ND	0.5B:0.08B	0.2B:ND
Total Xylenes	10	7:ND	3B:0.1B	0.3B:ND
Methylene Chloride	50	0.3B:0.2B	0.4B:0.2B	0.3B:0.1B
1,1 Dichloroethane	30	0.6:ND	ND:ND	0.5: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)	October 1999	November 1999	December 1999
Contaminant		20th	16th	15th
		I : E	I : E	I : E
Barium	3500	98:46	99:56	95:67
Calcium	NV	115*:92*	120*:96.4*	114*:103*
Cobalt	5	7:ND	9:ND	7:ND
Iron	300	30.6*:39	35.3*:82	34.2*:81
Magnesium	NV	31*:26.4*	34.1*:27.2*	31.1*:29.1*
Manganese	NV	2.9*:11	2.9*:27	2.8*:7
Nickel	9.6	7:5	5:7	ND:5
Potassium	NV	6.6*:5.6*	5.6*:8.4*	6.3*:9*
Sodium	NV	54.2*:38.4*	55.7*:44.1*	56.7*:41.9*
Zinc	170	ND:ND	ND:17	15:30

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.

Shaded area 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	October 1999	November 1999	December 1999
Contaminant		20th	16th	15th
		E	E	E
Total Dissolved Solids	500 mg/l	**501**	**541**	**564**
Total Suspended Solids	50 mg/l	ND	ND	ND
Total Phenols	0.008 mg/l	ND	.004	.003
pH	6.0 - 9.0	7.8	7.5	NA

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.

It is significant to note that two parameters (cobalt and iron) that exceeded discharge criteria in the previous report were not detected above the criteria in this report.

In general, effluent quality has significantly improved based on data from this report.

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 collected on October 21, 1999 during this reporting period. These samples were analyzed for target compound list (TCL) volatile organic compounds (VOCs) by NYSDEC ASP Method 95-1, site-specific target analyte list (TAL) Metals by NYSDEC ASP Methods CLP-M and various wet chemistry parameters. Chemicals detected in the samples from the groundwater monitoring wells are summarized in Table 5. For comparison, the groundwater monitoring well data from May 1999 has also been included. Analytical results are presented in Appendix A.

During this operating period, the established groundwater criteria for eight analytical parameters were exceeded in one or more sampling locations. These parameters were benzene, chlorobenzene, arsenic, cadmium, iron, magnesium, manganese and sodium. A summary is provided below.

Benzene: Benzene exceeded the groundwater criterion (1 µg/l) in MW-01D, MW-06 and MW-06A.

Chlorobenzene: Chlorobenzene exceeded the groundwater criterion (5 µg/l) in MW-06.

Arsenic: Arsenic exceeded the groundwater criterion (25 µg/l) in MW-06.

Cadmium: Cadmium exceeded the groundwater criterion (5 µg/l) in MW-06 and MW-07

Iron: Iron exceeded the groundwater criterion (300 µg/l) in ten of the eleven monitoring wells.

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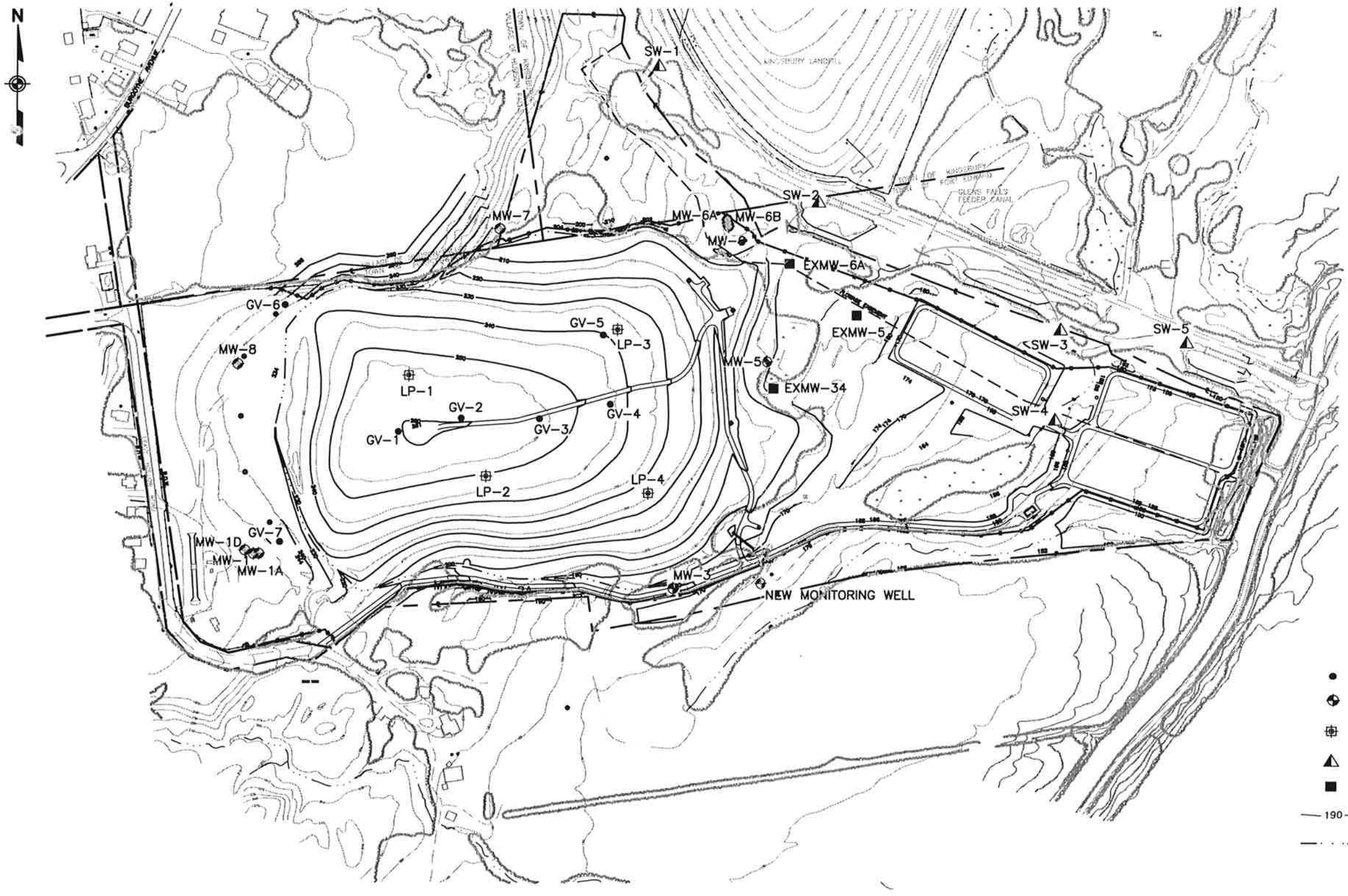

LEGEND

- GAS MONITORING WELL
- MONITORING WELL
- LANDFILL PIEZOMETER
- SURFACE WATER SAMPLING LOCATION
- EXISTING MONITORING WELL
- 190 TOPOGRAPHIC CONTOUR
- STREAM/DRAINAGE CHANNEL/POND

300 0 300

SCALE IN FEET

NOTE:
BASE MAPPING FOR THIS DRAWING WAS TAKEN FROM DRAWING NO.5, FINAL SITE PLAN, OF THE FORT EDWARD LANDFILL REMEDIAL ACTION RECORD DRAWINGS, ISSUED SEPTEMBER 1999.

GROUNDWATER, SURFACE WATER, AND GAS MONITORING LOCATIONS

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FIGURE 2

CC-5597B

TABLE 5 (October 1999)
SUMMARY OF ANALYTICAL RESULTS
FROM GROUNDWATER MONITORING WELLS

Contaminant	NYSDEC Groundwater Standards*	Concentration (µg/l)																				
		MW-01		MW-01A		MW-01D		MW-02		MW-02A		MW-06		MW-06A		MW-06B		MW-07		MW-08		NW
		May '99	Oct '99	May '99	Oct '99	May '99	Oct '99	May '99	Oct '99	May '99	Oct '99	May '99	Oct '99	May '99	Oct '99	May '99	Oct '99	May '99	Oct '99	May '99	Oct '99	Oct '99
Acetone	50	ND	ND	ND	ND	ND	ND	8	ND	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	1	ND	ND	ND	ND	ND	9	ND	ND	ND	ND	2	4	ND	2	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	24	34	ND	1	ND	ND	ND	ND	ND	ND	ND
Chloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4	ND	ND	ND	ND	ND	5	ND	ND	ND	ND
Methylene Chloride	5	ND	ND	ND	ND	ND	ND	2	ND	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	8	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3	3	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aluminum	NV	47.7	140	951	1500	3230	140	329	320	264	430	261	420	209	200	ND	920	176	190	841	430	630
Antimony	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.9	ND	ND	ND	ND
Arsenic	25	ND	ND	8.7	ND	ND	ND	ND	ND	ND	ND	17.7	40	ND	ND	6	ND	ND	ND	ND	ND	ND
Barium	1000	32.1	ND	20.5	ND	888	780	74.7	ND	92.4	ND	210	160	127	160	491	ND	27.9	ND	28.1	ND	ND
Cadmium	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.2	18	ND	ND	83.4	ND	0.45	24	ND	ND	ND
Calcium	NV	41800	39000	12300	16000	25600	13000	103000	120000	61200	67000	111000	80000	108000	110000	ND	9800	89900	92000	35100	43000	64000
Chromium	50	2.3	ND	3	ND	5.8	ND	4.2	ND	3.1	ND	1.7	ND	0.96	ND	52.4	ND	1.8	ND	2.4	ND	ND

Only detected analytes are included. ND = Not Detected NV = No Criteria Established NA = Not Analyzed B = Blank Contamination

* New York State Department of Environmental Conservation, June 1998
Division of Water Technical and Operational Guidance Series (1.1.1)

Shaded area indicates result exceeds standard.

TABLE 5 (October 1999)
SUMMARY OF ANALYTICAL RESULTS
FROM GROUNDWATER MONITORING WELLS (Continued)

Contaminant	NYSDEC Groundwater Standards*	Concentration (µg/l)																				
		MW-01		MW-01A		MW-01D		MW-02		MW-02A		MW-06		MW-06A		MW-06B		MW-07		MW-08		NW
		May '99	Oct '99	May '99	Oct '99	May '99	Oct '99	May '99	Oct '99	May '99	Oct '99	May '99	Oct '99	May '99	Oct '99	May '99	Oct '99	May '99	Oct '99	May '99	Oct '99	Oct '99
Cobalt	NV	ND	ND	ND	ND	ND	ND	8	ND	ND	ND	22.8	ND	5.5	ND	34	ND	16.5	ND	ND	ND	ND
Copper	200	25.6	ND	24.8	ND	27.6	ND	30.6	ND	23.9	ND	ND	ND	5.4	ND	115	ND	1.4	ND	24.3	ND	ND
Cyanide	200	2	NA	ND	NA	1	NA	1.5	NA	2.3	NA	ND	NA	2.3	NA	1.9	NA	3.1	NA	2.2	NA	NA
Iron	300	498	1100	750	2100	2530	140	7620	2900	4830	8600	49300	80000	388	2600	49000	1200	8060	2200	873	460	560
Lead	25	ND	ND	ND	ND	ND	ND	6.3	ND	3	ND	8.1	ND	12.5	ND	37	ND	10.6	ND	ND	ND	ND
Magnesium	35000	9740	8200	1510	2200	7210	5600	31800	31000	22300	24000	45000	28000	48100	42000	25100	1800	26000	24000	8410	8800	110000
Manganese	300	54.3	61	21.4	76	46.3	8.9	1940	1300	505	430	1930	2300	2410	3200	1600	60	4040	4900	382	130	46
Nickel	100	ND	ND	ND	ND	ND	ND	9.2	ND	ND	ND	31	ND	23.5	ND	79.5	ND	11.8	ND	ND	ND	ND
Potassium	NV	1360	ND	1250	ND	4420	3000	3120	3400	2090	2400	26900	23000	3740	6200	8350	ND	896	ND	1140	ND	2000
Silver	50	ND	ND	ND	ND	ND	ND	6.2	ND	ND	ND	8.3	ND	1.3	ND	7.1	ND	4.8	ND	ND	ND	ND
Sodium	20000	36300	36000	19100	20000	46300	48000	37700	51000	23000	26000	71100	100000	90300	87000	42700	39000	6260	8400	7360	8500	170000
Thallium	0.5	3.3	ND	4.4	ND	ND	ND	4.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.5	ND	3.1	ND	ND
Vanadium	NV	3.1	ND	25.7	ND	6.8	ND	6.6	ND	ND	ND	3.2	19	ND	ND	ND	ND	2.8	ND	2.9	ND	ND
Zinc	2000	9.9	21	7.1	11	20.9	10	15.5	ND	23.8	10	8	16	15.9	66	193	130	19.8	24	23.1	ND	ND
Boron	1000	ND	NA	ND	NA	724	NA	220	NA	ND	NA	803	NA	464	NA	225	NA	ND	NA	ND	NA	NA

Only detected analytes are included. ND = Not Detected NV = No Criteria Established NA = Not Analyzed B = Blank Contamination

* New York State Department of Environmental Conservation, June 1998
Division of Water Technical and Operational Guidance Series (1.1.1)

Shaded area indicates result exceeds standard.

Magnesium: Magnesium exceeded the groundwater criterion (35,000 µg/l) in MW-06A and the NW.

Sodium: Sodium exceeded the groundwater criterion (20,000 µg/l) in MW-01, MW-01D, MW-02, MW-02A, MW-06, MW-06A, MW-06B and the NW.

It is significant to note that four parameters (lead, thallium, toluene and chromium) that exceeded the discharge criteria in the May 1999 report were not above the criteria in this report. Arsenic was the only parameter that exceeded the discharge criteria in this report that was not exceeded in the May 1999 report. Arsenic was reported in only one of the monitoring wells this period.

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. During this reporting period, surface water samples were collected on October 21, 1999 at two locations: SW-2 and SW-3 (Figure 2). These samples were analyzed for site-specific target analyte list (TAL) metals by NYSDEC ASP Methods CLP-M. Metals detected in the surface water samples are summarized in Tables 6 and 6A. For comparison, the surface water results from May 1999 have also been included. Analytical results are presented in Appendix A.

During this reporting period, the established surface water criteria for two analytical parameters were exceeded in one or more sampling locations. These parameters were aluminum and iron. A summary is provided below.

Aluminum: Aluminum exceeded the surface water criterion (100 µg/l) at SW-3.

Iron: Iron exceeded the surface water criterion (300 µg/l) at SW-2 and SW-3.

TABLE 6 (OCTOBER 1999)
SUMMARY OF ANALYTICAL RESULTS
FROM SURFACE WATER MONITORING

Concentration (µg/l)			
Contaminant	**NYSDEC Class C Surface Water Standards***	**SW-3**	
		May '99	**Oct '99**
Aluminum	100	ND	**570**
Arsenic	150	ND	ND
Barium	NV	23.6	ND
Beryllium	**	ND	ND
Cadmium	**	ND	ND
Calcium	NV	24200	88000
Chromium	**	0.67	ND
Cobalt	5	ND	ND
Copper	**	2	ND
Iron	300	**817**	**7300**
Lead	**	4	10
Magnesium	NV	7190	25000
Manganese	NV	174	3600
Nickel	**	1.6	ND
Potassium	NV	2160	5600
Silver	0.1	**1.2**	ND
Sodium	NV	14700	38000
Vanadium	14	ND	ND
Zinc	**	12.4	26

ND = Not Detected NV = No Criteria Established
Only detected analytes are included.

* New York State Department of Environmental Conservation, June 1998
Division of Water Technical and Operational Guidance Series (1.1.1)

** NYSDEC Standard is based on hardness, and hardness data is not available.

Shaded area indicates result exceeds standard.

TABLE 6A (October 1999)
SUMMARY OF ANALYTICAL RESULTS
FROM SURFACE WATER MONITORING

Concentration (μg/l)			
Contaminant	**NYSDEC Class D Surface Water Standards***	**SW-2**	
		May '99	**Oct '99**
Aluminum	NV	92.1	3000
Arsenic	340	11.4	49
Barium	NV	182	1100
Beryllium	NV	ND	ND
Cadmium	**	1.8	100
Calcium	NV	87000	110000
Chromium	**	0.66	ND
Cobalt	110	9.2	46
Copper	**	ND	25
Iron	300	**38800**	**490000**
Lead	**	7.8	54
Magnesium	NV	22300	23000
Manganese	NV	947	2300
Nickel	**	8	ND
Potassium	NV	9700	17000
Silver	**	2.1	ND
Sodium	NV	49500	71000
Vanadium	190	2.8	100
Zinc	**	9.6	1100

ND = Not Detected NV = No Criteria Established

Only detected analytes are included.

* New York State Department of Environmental Conservation, June 1998
Division of Water Technical and Operational Guidance Series (1.1.1)

** NYSDEC Standard is based on hardness, and hardness data is not available.

Shaded area indicates result exceeds standard.

6.0 GAS MONITORING

Gas monitoring at the gas vents (both before and after the gas canisters), gas monitoring piezometers, and the landfill perimeter is scheduled to be performed twice a year (Figure 2). Monitoring was done on site in accordance with NYSDEC Part 360 requirements, utilizing a photoionization detector (PID) and an explosive gas meter, and noting any objectionable odors present, on October 21, 1999. Monitoring results are presented in Table 7 and Table 7A.

During this period, the established gas monitoring criteria of 100% of the lower explosive limit (LEL) for methane was exceeded at one or more gas monitoring locations. A summary is provided below

% LEL	% LEL of methane exceeded the criterion of 100% in GV-3 (126%), GV-4 (146%), GV-5 (128%), and GV-6.

It is significant to note that no nonmethane organic compounds or hydrogen sulfide were detected at any of the gas vent locations. The NYSDEC was notified of all exceedances over 50% LEL, in accordance with the Project Management Work Plan.

TABLE 7 (October 1999)

GAS MONITORING RESULTS

FROM GAS VENTS

Location	Parameter			
	PID*	% LEL**	H_2S Conc.	O_2 Conc.
GV-1	0.0	57	0.0	1.8
GV-2	0.0	70	0.0	4.8
GV-3	0.0	126	0.0	5.8
GV-4	0.0	146	0.0	4.7
GV-5	0.0	128	0.0	4.7
GV-6	0.0	120	0.0	2.6
GV-7	0.0	0	0.0	20.8

* Photoionization detector

** Lower Explosive Limit

Shaded areas indicate, results exceeded standard.

- The NYSDEC was notified of levels above 50% LEL.

TABLE 7A

(Table 2-1 of the Project Management Work Plan)

GAS VENTING SYSTEM

CHECKLIST FOR SEMIANNUAL INSPECTION

Component	Item	Number/Location/ Area Checked	Condition
Vents/Canisters	Integrity of above grade pipes and joints	GV-1	No problems noted
	Plumbness and differential settlement	GV-2	No problems noted
	Obstruction of vents by bird, insect, or animal nests	GV-3	No problems noted
	Corrosion or deterioration of pipes, supports, or the canister	GV-4	No problems noted
		GV-5	No problems noted
	Localized browning of vegetation	GV-6	No problems noted
		GV-7	No problems noted
Gas Monitoring Piezometers	Condition of lock and cover	LP-1	No problems noted
	Condition of casing and collar	LP-2	Cap and hinge missing
	Condition of casing weep hole	LP-3	No problems noted
	Condition of riser and cap	LP-4	No problems noted

7.0 MAINTENANCE AND REPAIR

The remediation system operated efficiently and as expected throughout this period. No significant maintenance or repair activities occurred during this reporting period.

APPENDIX A

ANALYTICAL SAMPLE RESULTS
FORT EDWARD LANDFILL
OCTOBER - DECEMBER, 1999

Location I.D.		AS_EFFLUENT	AS_EFFLUENT	AS_EFFLUENT	AS_EFFLUENT	AS_EFFLUENT
Sample I.D.		AST_EFFLUENT	AST_EFFLUENTD	AST_EFFLUENT	AST_EFFLUENTD	AST_EFFLUENT
Matrix		Water	Water	Water	Water	Water
Date Sampled		10/20/99	10/20/99	11/16/99	11/16/99	12/15/99
Parameter	**Units**		DUP		DUP	
Volatiles						
1,1,1-Trichloroethane	UG/L	10 U	NA	10 U	NA	10 U
1,1,2,2-Tetrachloroethane	UG/L	10 U	NA	10 U	NA	10 U
1,1,2-Trichloroethane	UG/L	10 U	NA	10 U	NA	10 U
1,1-Dichloroethane	UG/L	10 U	NA	10 U	NA	10 U
1,1-Dichloroethene	UG/L	10 U	NA	10 U	NA	10 U
1,2-Dichloroethane	UG/L	10 U	NA	10 U	NA	10 U
1,2-Dichloroethene (total)	UG/L	10 U	NA	10 U	NA	10 U
1,2-Dichloropropane	UG/L	10 U	NA	10 U	NA	10 U
2-Hexanone	UG/L	10 U	NA	10 U	NA	10 U
4-Methyl-2-Pentanone	UG/L	10 U	NA	10 U	NA	10 U
Acetone	UG/L	10 U	NA	10 U	NA	10 U
Benzene	UG/L	10 U	NA	10 U	NA	10 U
Bromodichloromethane	UG/L	10 U	NA	10 U	NA	10 U
Bromoform	UG/L	10 U	NA	10 U	NA	10 U
Bromomethane	UG/L	10 U	NA	10 U	NA	10 U
Carbon Disulfide	UG/L	10 U	NA	10 U	NA	10 U
Carbon Tetrachloride	UG/L	10 U	NA	10 U	NA	10 U
Chlorobenzene	UG/L	10 U	NA	10 U	NA	10 U
Chloroethane	UG/L	10 U	NA	10 U	NA	10 U
Chloroform	UG/L	10 U	NA	10 U	NA	10 U
Chloromethane	UG/L	10 U	NA	10 U	NA	10 U
Dibromochloromethane	UG/L	10 U	NA	10 U	NA	10 U
Ethylbenzene	UG/L	10 U	NA	10 U	NA	10 U
Methyl Ethyl Ketone (2-Butanone)	UG/L	10 U	NA	10 U	NA	10 U
Methylene Chloride	UG/L	0.2 BJ	NA	0.2 BJ	NA	0.1 BJ
Styrene	UG/L	10 U	NA	0.02 BJ	NA	10 U
Tetrachloroethene	UG/L	10 U	NA	10 U	NA	10 U
Toluene	UG/L	10 U	NA	0.08 BJ	NA	10 U
Total Xylenes	UG/L	10 U	NA	0.1 BJ	NA	10 U
Trichloroethene	UG/L	10 U	NA	10 U	NA	10 U
Vinyl Chloride	UG/L	10 U	NA	10 U	NA	10 U
cis-1,3-Dichloropropene	UG/L	10 U	NA	10 U	NA	10 U
trans-1,3-Dichloropropene	UG/L	10 U	NA	10 U	NA	10 U
PCBs						
Aroclor 1221	UG/L	NA	NA	0.05 U	NA	NA
Aroclor 1016 /1242	UG/L	NA	NA	0.05 U	NA	NA
Aroclor 1248	UG/L	NA	NA	0.05 U	NA	NA
Aroclor 1254	UG/L	NA	NA	0.05 U	NA	NA
Aroclor 1260	UG/L	NA	NA	0.05 U	NA	NA

ANALYTICAL SAMPLE RESULTS
FORT EDWARD LANDFILL
OCTOBER - DECEMBER, 1999

Location I.D.		AS_EFFLUENT	AS_EFFLUENT	AS_EFFLUENT	AS_EFFLUENT	AS_EFFLUENT
Sample I.D.		AST_EFFLUENT	AST_EFFLUENTD	AST_EFFLUENT	AST_EFFLUENTD	AST_EFFLUENT
Matrix		Water	Water	Water	Water	Water
Date Sampled		10/20/99	10/20/99	11/16/99	11/16/99	12/15/99
Parameter	Units		DUP		DUP	
Metals						
Aluminum	UG/L	30.0 U	30.0 U	30.0 U	30.0 U	30.0 U
Antimony	UG/L	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
Barium	UG/L	46.0	46.0	56.0	58.0	67.0
Beryllium	UG/L	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
Calcium	UG/L	92000	92100	96400	100000	103000
Chromium	UG/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Cobalt	UG/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Copper	UG/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Iron	UG/L	39.0	37.0	82.0	84.0	81.0
Lead	UG/L	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U
Magnesium	UG/L	26400	26300	27200	28200	29100
Manganese	UG/L	11.0	10.0	27.0	28.0	7.0
Mercury	UG/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Nickel	UG/L	5.0	5.0 U	7.0	7.0	5.0
Potassium	UG/L	5600	5600	8400	8700	9000
Selenium	UG/L	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
Sodium	UG/L	38400	38000	44100	45900	41900
Thallium	UG/L	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
Zinc	UG/L	10.0 U	10.0 U	17.0	17.0	30.0
MISC						
Total Dissolved Solids	MG/L	501	503	541	537	564
Total Phenols	MG/L	0.001 U	0.001	0.004	0.003	0.003
Total Suspended Solids	MG/L	1 U	1 U	1 U	1 U	1 U

U = Analyte not detected above reported quantitation/detection limit.
J = Estimated concentration detected below the quantitation limit.
B = Analyte also detected in method blank.

ANALYTICAL SAMPLE RESULTS
FORT EDWARD LANDFILL
OCTOBER - DECEMBER, 1999

Location I.D.		AS_EFFLUENT	AS_INFLUENT	AS_INFLUENT	AS_INFLUENT
Sample I.D.		AST_EFFLUENTD	AST_INFLUENT	AST_INFLUENT	AST_INFLUENT
Matrix		Water	Water	Water	Water
Date Sampled		12/15/99	10/20/99	11/16/99	12/15/99
Parameter	Units	DUP			
Volatiles					
1,1,1-Trichloroethane	UG/L	NA	10 U	10 U	10 U
1,1,2,2-Tetrachloroethane	UG/L	NA	10 U	10 U	10 U
1,1,2-Trichloroethane	UG/L	NA	10 U	10 U	10 U
1,1-Dichloroethane	UG/L	NA	0.6 J	10 U	0.5 J
1,1-Dichloroethene	UG/L	NA	10 U	10 U	10 U
1,2-Dichloroethane	UG/L	NA	10 U	10 U	10 U
1,2-Dichloroethene (total)	UG/L	NA	58	3 BJ	2 J
1,2-Dichloropropane	UG/L	NA	10 U	10 U	10 U
2-Hexanone	UG/L	NA	10 U	10 U	10 U
4-Methyl-2-Pentanone	UG/L	NA	10 U	10 U	10 U
Acetone	UG/L	NA	10 U	10 U	10 U
Benzene	UG/L	NA	3 J	2 BJ	0.9 J
Bromodichloromethane	UG/L	NA	10 U	10 U	10 U
Bromoform	UG/L	NA	10 U	10 U	10 U
Bromomethane	UG/L	NA	10 U	10 U	10 U
Carbon Disulfide	UG/L	NA	10 U	10 U	10 U
Carbon Tetrachloride	UG/L	NA	10 U	10 U	10 U
Chlorobenzene	UG/L	NA	3 J	2 BJ	1 BJ
Chloroethane	UG/L	NA	3 J	3 BJ	2 J
Chloroform	UG/L	NA	10 U	10 U	10 U
Chloromethane	UG/L	NA	10 U	10 U	10 U
Dibromochloromethane	UG/L	NA	10 U	10 U	10 U
Ethylbenzene	UG/L	NA	0.8 J	0.4 BJ	0.07 BJ
Methyl Ethyl Ketone (2-Butanone)	UG/L	NA	10 U	10 U	7 J
Methylene Chloride	UG/L	NA	0.3 BJ	0.4 BJ	0.3 BJ
Styrene	UG/L	NA	0.07 J	10 U	10 U
Tetrachloroethene	UG/L	NA	10 U	10 U	10 U
Toluene	UG/L	NA	0.5 J	0.5 BJ	0.2 BJ
Total Xylenes	UG/L	NA	7 J	3 BJ	0.3 BJ
Trichloroethene	UG/L	NA	0.7 J	2 BJ	1 J
Vinyl Chloride	UG/L	NA	110	10 U	10 U
cis-1,3-Dichloropropene	UG/L	NA	10 U	10 U	10 U
trans-1,3-Dichloropropene	UG/L	NA	10 U	10 U	10 U
PCBs					
Aroclor 1221	UG/L	NA	NA	NA	NA
Aroclor 1016 /1242	UG/L	NA	NA	NA	NA
Aroclor 1248	UG/L	NA	NA	NA	NA
Aroclor 1254	UG/L	NA	NA	NA	NA
Aroclor 1260	UG/L	NA	NA	NA	NA

ANALYTICAL SAMPLE RESULTS
FORT EDWARD LANDFILL
OCTOBER - DECEMBER, 1999

Location I.D.		AS_EFFLUENT	AS_INFLUENT	AS_INFLUENT	AS_INFLUENT
Sample I.D.		AST_EFFLUENTD	AST_INFLUENT	AST_INFLUENT	AST_INFLUENT
Matrix		Water	Water	Water	Water
Date Sampled		12/15/99	10/20/99	11/16/99	12/15/99
Parameter	Units	DUP			
Metals					
Aluminum	UG/L	30.0 U	30.0 U	30.0 U	30.0 U
Antimony	UG/L	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
Barium	UG/L	70.0	98.0	99.0	95.0
Beryllium	UG/L	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
Calcium	UG/L	108000	115000	120000	114000
Chromium	UG/L	5.0 U	5.0 U	5.0 U	5.0 U
Cobalt	UG/L	5.0 U	7.0	9.0	7.0
Copper	UG/L	5.0 U	5.0 U	5.0 U	5.0 U
Iron	UG/L	82.0	30600	35300	34200
Lead	UG/L	20.0 U	20.0 U	20.0 U	20.0 U
Magnesium	UG/L	30400	31000	34100	31100
Manganese	UG/L	6.0	2890	2890	2840
Mercury	UG/L	0.20 U	0.20 U	0.20 U	0.20 U
Nickel	UG/L	6.0	7.0	5.0	5.0 U
Potassium	UG/L	9500	6600	5600	6300
Selenium	UG/L	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
Sodium	UG/L	43800	54200	55700	56700
Thallium	UG/L	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
Zinc	UG/L	35.0	10.0 U	10.0 U	15.0
MISC					
Total Dissolved Solids	MG/L	558	NA	NA	NA
Total Phenols	MG/L	3 U	NA	NA	NA
Total Suspended Solids	MG/L	1 U	NA	NA	NA

U = Analyte not detected above reported quantitation/detection limit.
J = Estimated concentration detected below the quantitation limit.
B = Analyte also detected in method blank.

ANALYTICAL FIELD QC SAMPLE RESULTS
FORT EDWARD LANDFILL
OCTOBER - DECEMBER, 1999

Location I.D.		FIELDQC	FIELDQC
Sample I.D.		TRIP BLANK	TRIP BLANK
Matrix		Water	Water
Date Sampled		10/20/1999	11/16/1999
Parameter	Units		
Volatiles			
1,1,1-Trichloroethane	UG/L	10 U	10 U
1,1,2,2-Tetrachloroethane	UG/L	10 U	10 U
1,1,2-Trichloroethane	UG/L	10 U	10 U
1,1-Dichloroethane	UG/L	10 U	10 U
1,1-Dichloroethene	UG/L	10 U	10 U
1,2-Dichloroethane	UG/L	10 U	10 U
1,2-Dichloroethene (total)	UG/L	10 U	10 U
1,2-Dichloropropane	UG/L	10 U	10 U
2-Hexanone	UG/L	10 U	10 U
4-Methyl-2-Pentanone	UG/L	10 U	10 U
Acetone	UG/L	10 B	10 U
Benzene	UG/L	10 U	10 U
Bromodichloromethane	UG/L	10 U	10 U
Bromoform	UG/L	10 U	10 U
Bromomethane	UG/L	10 U	10 U
Carbon Disulfide	UG/L	10 U	10 U
Carbon Tetrachloride	UG/L	10 U	10 U
Chlorobenzene	UG/L	10 U	10 U
Chloroethane	UG/L	10 U	10 U
Chloroform	UG/L	10 U	10 U
Chloromethane	UG/L	10 U	10 U
Dibromochloromethane	UG/L	10 U	10 U
Ethylbenzene	UG/L	10 U	0.08 BJ
Methyl Ethyl Ketone (2-Butanone)	UG/L	10 U	0.2 J
Methylene Chloride	UG/L	0.2 BJ	0.2 BJ
Styrene	UG/L	10 U	10 U
Tetrachloroethene	UG/L	10 U	10 U
Toluene	UG/L	10 U	0.09 BJ
Total Xylenes	UG/L	10 U	10 U
Trichloroethene	UG/L	10 U	10 U
Vinyl Chloride	UG/L	10 U	10 U
cis-1,3-Dichloropropene	UG/L	10 U	10 U
trans-1,3-Dichloropropene	UG/L	10 U	10 U

U = Analyte not detected above reported quantitation/detection limit.
J = Estimated concentration detected below the quantitation limit.
B = Analyte also detected in method blank.

NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION

DIVISION OF ENVIRONMENTAL REMEDIATON

LABORATORY ANALYTICAL REPORT

received 11/16/99

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD SAMPLE ID: MW-1

Site Name: FT. EDWARD LANDFILL

Site Code: 558001 Date Collected: 10/21/99 SDG No.: 294-01

Matrix: (soil/water) WATER Lab Sample ID: 599-294-01

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 9902C41A.D

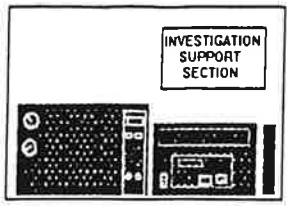
Level: (low/med) LOW Date Received: 10/21/99

% Moisture: not dec. Date Analyzed: 10/22/99

GC Column: RTX624 ID: 0.25 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
75-15-0	Carbon Disulfide	10	U
67-64-1	Acetone	10	U
75-09-2	Methylene Chloride	10	U
163404-4	methyl-tert butyl ether	10	U
540-59-0	trans 1,2-Dichloroethene	10	U
75-34-4	1,1-Dichloroethane	10	U
108-05-4	Vinyl acetate	10	U
540-59-0	cis 1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U
79-01-6	Trichloroethene	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U



NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION

DIVISION OF ENVIRONMENTAL REMEDIATON

LABORATORY ANALYTICAL REPORT

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD SAMPLE ID

MW-1

Site Name: FT. EDWARD LANDFILL

Site Code: 558001 Date Collected: 10/21/99 SDG No.: 294-01

Matrix: (soil/water) WATER Lab Sample ID: 599-294-01

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 9902C41A.D

Level: (low/med) LOW Date Received: 10/21/99

% Moisture: not dec. Date Analyzed: 10/22/99

GC Column: RTX624 ID: 0.25 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	m,p-Xylenes	10	U
1330-20-7	o-Xylene	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
95-49-8	2-Chlorotoluene	10	U
106-43-4	4-Chlorotoluene	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
120-82-1	1,2,4-Trichlorobenzene	10	U
87-61-6	1,2,3-Trichlorobenzene	10	U

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD SAMPLE ID:

MW-1

Site Name: FT. EDWARD LANDFILL

Site Code: 558001

SDG No.: 294-01

Matrix: (soil/water) WATER

Lab Sample ID: 599-294-01

Sample wt/vol: 5.0 (g/ml) ML

Lab File ID: 9902C41A.D

Level: (low/med) LOW

Date Received: 10/21/99

% Moisture: not dec. _____

Date Analyzed: 10/22/99

GC Column: RTX624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION

DIVISION OF ENVIRONMENTAL REMEDIATION

LABORATORY ANALYTICAL REPORT

INORGANIC ANALYSIS DATA SHEET

Site Name: FORT EDWARD LAND FILL

Site Code: 558001

Lab Sample ID: 599-294-01

Matrix: GW

FIELD SAMPLE ID: **MW-1**

SDG: 294-01

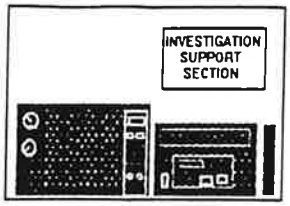
Date Received: 10/21/99

Sample Size: 0.05 liters

CONCENTRATION : ug/L

CAS NO.	ANALYTE		C	Q	M
7429-90-5	Aluminum	140	B		PM
7440-36-0	Antimony	37	U		PM
7440-38-2	Arsenic	8.0	U		FM
7440-39-3	Barium	160	U		PM
7440-41-7	Beryllium	2.0	U		PM
7440-43-9	Cadmium	7.0	U		PM
7440-70-2	Calcium	39000			PM
7440-47-3	Chromium	10	U		PM
7440-48-4	Cobalt	34	U		PM
7440-50-8	Copper	22	U		PM
7439-89-6	Iron	1100			PM
7439-92-1	Lead	3.0	U		FM
7439-95-4	Magnesium	8200			PM
7439-96-5	Manganese	61			PM
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	40	U		PM
7440-09-7	Potassium	1100	U		PM
7482-49-2	Selenium	5.0	U	N	FM
7440-22-4	Silver	4.0	U	N	PM
7440-23-5	Sodium	36000			PM
7440-28-0	Thallium	10	U	N,W	FM
7440-62-2	Vanadium	15	U		PM
7440-66-6	Zinc	21			PM

Comments:



NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION

DIVISION OF ENVIRONMENTAL REMEDIATON

LABORATORY ANALYTICAL REPORT

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD SAMPLE ID

MW-1A

Site Name: FT. EDWARD LANDFILL

Site Code: 558001 Date Collected: 10/21/99 SDG No.: 294-01

Matrix: (soil/water) WATER Lab Sample ID: 599-294-02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 9902C42A.D

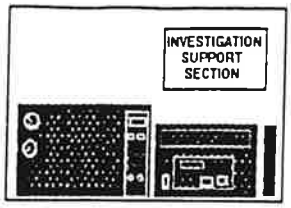
Level: (low/med) LOW Date Received: 10/21/99

% Moisture: not dec. Date Analyzed: 10/22/99

GC Column: RTX624 ID: 0.25 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
75-15-0	Carbon Disulfide	10	U
67-64-1	Acetone	10	U
75-09-2	Methylene Chloride	10	U
163404-4	methyl-tert butyl ether	10	U
540-59-0	trans 1,2-Dichloroethene	10	U
75-34-4	1,1-Dichloroethane	10	U
108-05-4	Vinyl acetate	10	U
540-59-0	cis 1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U
79-01-6	Trichloroethene	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U



NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION

DIVISION OF ENVIRONMENTAL REMEDIATON

LABORATORY ANALYTICAL REPORT

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD SAMPLE ID

MW-1A

Site Name: FT. EDWARD LANDFILL

Site Code: 558001 Date Collected: 10/21/99 SDG No.: 294-01

Matrix: (soil/water) WATER Lab Sample ID: 599-294-02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 9902C42A.D

Level: (low/med) LOW Date Received: 10/21/99

% Moisture: not dec. Date Analyzed: 10/22/99

GC Column: RTX624 ID: 0.25 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	m,p-Xylenes	10	U
1330-20-7	o-Xylene	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
95-49-8	2-Chlorotoluene	10	U
106-43-4	4-Chlorotoluene	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
120-82-1	1,2,4-Trichlorobenzene	10	U
87-61-6	1,2,3-Trichlorobenzene	10	U

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD SAMPLE ID:

MW-1A

Site Name: FT. EDWARD LANDFILL

Site Code: 558001

SDG No.: 294-01

Matrix: (soil/water) WATER

Lab Sample ID: 599-294-02

Sample wt/vol: 5.0 (g/ml) ML

Lab File ID: 9902C42A.D

Level: (low/med) LOW

Date Received: 10/21/99

% Moisture: not dec. _____

Date Analyzed: 10/22/99

GC Column: RTX624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION

DIVISION OF ENVIRONMENTAL REMEDIATION

LABORATORY ANALYTICAL REPORT

INORGANIC ANALYSIS DATA SHEET

Site Name: FORT EDWARD LAND FILL

Site Code: 558001

Lab Sample ID: 599-294-02

Matrix: GW

FIELD SAMPLE ID: **MW -1A**

SDG: 294-01

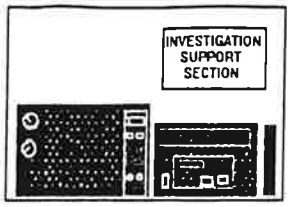
Date Received: 10/21/99

Sample Size: 0.05 liters

CONCENTRATION : ug/L

CAS NO.	ANALYTE		C	Q	M
7429-90-5	Aluminum	1500			PM
7440-36-0	Antimony	37	U		PM
7440-38-2	Arsenic	8.0	U	W	FM
7440-39-3	Barium	160	U		PM
7440-41-7	Beryllium	2.0	U		PM
7440-43-9	Cadmium	7.0	U		PM
7440-70-2	Calcium	16000			PM
7440-47-3	Chromium	10	U		PM
7440-48-4	Cobalt	34	U		PM
7440-50-8	Copper	22	U		PM
7439-89-6	Iron	2100			PM
7439-92-1	Lead	3.0	U		FM
7439-95-4	Magnesium	2200	B		PM
7439-96-5	Manganese	76			PM
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	40	U		PM
7440-09-7	Potassium	1100	U		PM
7482-49-2	Selenium	5.0	U	N	FM
7440-22-4	Silver	4.0	U	N	PM
7440-23-5	Sodium	20000			PM
7440-28-0	Thallium	10	U	N	FM
7440-62-2	Vanadium	15	U		PM
7440-66-6	Zinc	11	B		PM

Comments:



NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION

DIVISION OF ENVIRONMENTAL REMEDIATON

LABORATORY ANALYTICAL REPORT

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD SAMPLE ID

MW-2

Site Name: FT. EDWARD LANDFILL

Site Code: 558001 Date Collected: 10/21/99 SDG No.: 294-01

Matrix: (soil/water) WATER Lab Sample ID: 599-294-04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 9902C44A.D

Level: (low/med) LOW Date Received: 10/21/99

% Moisture: not dec. Date Analyzed: 10/22/99

GC Column: RTX624 ID: 0.25 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
75-15-0	Carbon Disulfide	10	U
67-64-1	Acetone	10	U
75-09-2	Methylene Chloride	10	U
163404-4	methyl-tert butyl ether	10	U
540-59-0	trans 1,2-Dichloroethene	10	U
75-34-4	1,1-Dichloroethane	10	U
108-05-4	Vinyl acetate	10	U
540-59-0	cis 1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U
79-01-6	Trichloroethene	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U

NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION

DIVISION OF ENVIRONMENTAL REMEDIATON

LABORATORY ANALYTICAL REPORT

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD SAMPLE ID

MW-2

Site Name: FT. EDWARD LANDFILL

Site Code: 558001 Date Collected: 10/21/99 SDG No.: 294-01

Matrix: (soil/water) WATER Lab Sample ID: 599-294-04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 9902C44A.D

Level: (low/med) LOW Date Received: 10/21/99

% Moisture: not dec. Date Analyzed: 10/22/99

GC Column: RTX624 ID: 0.25 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	m,p-Xylenes	10	U
1330-20-7	o-Xylene	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
95-49-8	2-Chlorotoluene	10	U
106-43-4	4-Chlorotoluene	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
120-82-1	1,2,4-Trichlorobenzene	10	U
87-61-6	1,2,3-Trichlorobenzene	10	U

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD SAMPLE ID: **MW-2**

Site Name: FT. EDWARD LANDFILL
Site Code: 558001
SDG No.: 294-01
Matrix: (soil/water) WATER
Lab Sample ID: 599-294-04
Sample wt/vol: 5.0 (g/ml) ML
Lab File ID: 9902C44A.D
Level: (low/med) LOW
Date Received: 10/21/99
% Moisture: not dec.
Date Analyzed: 10/22/99
GC Column: RTX624 ID: 0.25 (mm)
Dilution Factor: 1.0
Soil Extract Volume: (uL)
Soil Aliquot Volume: (uL)

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION

DIVISION OF ENVIRONMENTAL REMEDIATION

LABORATORY ANALYTICAL REPORT

INORGANIC ANALYSIS DATA SHEET

Site Name: FORT EDWARD LAND FILL

Site Code: 558001

Lab Sample ID: 599-294-04

Matrix: GW

FIELD SAMPLE ID: **MW-2**

SDG: 294-01

Date Received: 10/21/99

Sample Size: 0.05 liters

CONCENTRATION : ug/L

CAS NO.	ANALYTE		C	Q	M
7429-90-5	Aluminum	320			PM
7440-36-0	Antimony	37	U		PM
7440-38-2	Arsenic	8.0	U		FM
7440-39-3	Barium	160	U		PM
7440-41-7	Beryllium	2.0	U		PM
7440-43-9	Cadmium	7.0	U		PM
7440-70-2	Calcium	120000			PM
7440-47-3	Chromium	10	U		PM
7440-48-4	Cobalt	34	U		PM
7440-50-8	Copper	22	U		PM
7439-89-6	Iron	2900			PM
7439-92-1	Lead	3.0	U		FM
7439-95-4	Magnesium	31000			PM
7439-96-5	Manganese	1300			PM
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	40	U		PM
7440-09-7	Potassium	3400	B		PM
7482-49-2	Selenium	5.0	U	N	FM
7440-22-4	Silver	4.0	U	N	PM
7440-23-5	Sodium	51000			PM
7440-28-0	Thallium	10	U	N	FM
7440-62-2	Vanadium	15	U		PM
7440-66-6	Zinc	10	U		PM

Comments:

NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION

DIVISION OF ENVIRONMENTAL REMEDIATON

LABORATORY ANALYTICAL REPORT

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD SAMPLE ID

MW-2A

Site Name: FT. EDWARD LANDFILL

Site Code: 558001 Date Collected: 10/21/99 SDG No.: 294-01

Matrix: (soil/water) WATER Lab Sample ID: 599-294-05

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 9902C46A.D

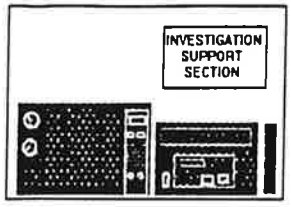
Level: (low/med) LOW Date Received: 10/21/99

% Moisture: not dec. Date Analyzed: 10/22/99

GC Column: RTX624 ID: 0.25 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
75-15-0	Carbon Disulfide	10	U
67-64-1	Acetone	10	U
75-09-2	Methylene Chloride	10	U
163404-4	methyl-tert butyl ether	10	U
540-59-0	trans 1,2-Dichloroethene	10	U
75-34-4	1,1-Dichloroethane	10	U
108-05-4	Vinyl acetate	10	U
540-59-0	cis 1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U
79-01-6	Trichloroethene	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U



NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION

DIVISION OF ENVIRONMENTAL REMEDIATON

LABORATORY ANALYTICAL REPORT

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD SAMPLE ID

MW-2A

Site Name: FT. EDWARD LANDFILL

Site Code: 558001 Date Collected: 10/21/99 SDG No.: 294-01

Matrix: (soil/water) WATER Lab Sample ID: 599-294-05

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 9902C46A.D

Level: (low/med) LOW Date Received: 10/21/99

% Moisture: not dec. _____ Date Analyzed: 10/22/99

GC Column: RTX624 ID: 0.25 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	m,p-Xylenes	10	U
1330-20-7	o-Xylene	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
95-49-8	2-Chlorotoluene	10	U
106-43-4	4-Chlorotoluene	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
120-82-1	1,2,4-Trichlorobenzene	10	U
87-61-6	1,2,3-Trichlorobenzene	10	U

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD SAMPLE ID:

MW-2A

Site Name: FT. EDWARD LANDFILL

Site Code: 558001

SDG No.: 294-01

Matrix: (soil/water) WATER

Lab Sample ID: 599-294-05

Sample wt/vol: 5.0 (g/ml) ML

Lab File ID: 9902C46A.D

Level: (low/med) LOW

Date Received: 10/21/99

% Moisture: not dec. _____

Date Analyzed: 10/22/99

GC Column: RTX624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION

DIVISION OF ENVIRONMENTAL REMEDIATION

LABORATORY ANALYTICAL REPORT

INORGANIC ANALYSIS DATA SHEET

Site Name: FORT EDWARD LAND FILL

Site Code: 558001

Lab Sample ID: 599-294-05

Matrix: GW

FIELD SAMPLE ID: **MW-2A**

SDG: 294-01

Date Received: 10/21/99

Sample Size: 0.05 liters

CONCENTRATION : ug/L

CAS NO.	ANALYTE		C	Q	M
7429-90-5	Aluminum	430			PM
7440-36-0	Antimony	37	U		PM
7440-38-2	Arsenic	8.0	U		FM
7440-39-3	Barium	160	U		PM
7440-41-7	Beryllium	2.0	U		PM
7440-43-9	Cadmium	7.0	U		PM
7440-70-2	Calcium	67000			PM
7440-47-3	Chromium	10	U		PM
7440-48-4	Cobalt	34	U		PM
7440-50-8	Copper	22	U		PM
7439-89-6	Iron	8600			PM
7439-92-1	Lead	3.0	U		FM
7439-95-4	Magnesium	24000			PM
7439-96-5	Manganese	430			PM
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	40	U		PM
7440-09-7	Potassium	2400	B		PM
7482-49-2	Selenium	5.0	U	N	FM
7440-22-4	Silver	4.0	U	N	PM
7440-23-5	Sodium	26000			PM
7440-28-0	Thallium	10	U	N,W	FM
7440-62-2	Vanadium	15	U		PM
7440-66-6	Zinc	10	B		PM

Comments:

NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION

DIVISION OF ENVIRONMENTAL REMEDIATON

LABORATORY ANALYTICAL REPORT

FIELD SAMPLE ID

VOLATILE ORGANICS ANALYSIS DATA SHEET

MW-6

Site Name: FT. EDWARD LANDFILL

Site Code: 558001 Date Collected: 10/21/99 SDG No.: 294-01

Matrix: (soil/water) WATER Lab Sample ID: 599-294-06

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 9902C47A.D

Level: (low/med) LOW Date Received: 10/21/99

% Moisture: not dec. Date Analyzed: 10/22/99

GC Column: RTX624 ID: 0.25 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
75-15-0	Carbon Disulfide	10	U
67-64-1	Acetone	10	U
75-09-2	Methylene Chloride	10	U
163404-4	methyl-tert butyl ether	10	U
540-59-0	trans 1,2-Dichloroethene	10	U
75-34-4	1,1-Dichloroethane	10	U
108-05-4	Vinyl acetate	13	
540-59-0	cis 1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon tetrachloride	10	U
71-43-2	Benzene	4	J
107-06-2	1,2-Dichloroethane	10	U
79-01-6	Trichloroethene	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U

NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION

DIVISION OF ENVIRONMENTAL REMEDIATON

LABORATORY ANALYTICAL REPORT

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD SAMPLE ID

MW-6

Site Name: FT. EDWARD LANDFILL

Site Code: 558001 Date Collected: 10/21/99 SDG No.: 294-01

Matrix: (soil/water) WATER Lab Sample ID: 599-294-06

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 9902C47A.D

Level: (low/med) LOW Date Received: 10/21/99

% Moisture: not dec. Date Analyzed: 10/22/99

GC Column: RTX624 ID: 0.25 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
108-90-7	Chlorobenzene	34	
100-41-4	Ethylbenzene	10	U
1330-20-7	m,p-Xylenes	10	U
1330-20-7	o-Xylene	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
95-49-8	2-Chlorotoluene	10	U
106-43-4	4-Chlorotoluene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	3	J
95-50-1	1,2-Dichlorobenzene	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
87-61-6	1,2,3-Trichlorobenzene	10	U

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD SAMPLE ID: **MW-6**

Site Name: FT. EDWARD LANDFILL
Site Code: 558001
SDG No.: 294-01
Matrix: (soil/water) WATER
Lab Sample ID: 599-294-06
Sample wt/vol: 5.0 (g/ml) ML
Lab File ID: 9902C47A.D
Level: (low/med) LOW
Date Received: 10/21/99
% Moisture: not dec. _____
Date Analyzed: 10/22/99
GC Column: RTX624 ID: 0.25 (mm)
Dilution Factor: 1.0
Soil Extract Volume: _____ (uL)
Soil Aliquot Volume: _____ (uL)

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

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000593-70-4	Methane, chlorofluoro-	3.98	3	JN

NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION

DIVISION OF ENVIRONMENTAL REMEDIATION

LABORATORY ANALYTICAL REPORT

INORGANIC ANALYSIS DATA SHEET

Site Name: FORT EDWARD LAND FILL

Site Code: 558001

Lab Sample ID: 599-294-06

Matrix: GW

FIELD SAMPLE ID: **MW-6**

SDG: 294-01

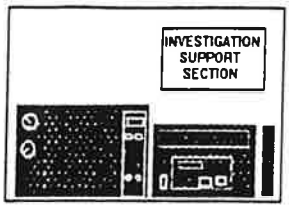
Date Received: 10/21/99

Sample Size: 0.05 liters

CONCENTRATION : ug/L

CAS NO.	ANALYTE		C	Q	M
7429-90-5	Aluminum	420			PM
7440-36-0	Antimony	37	U		PM
7440-38-2	Arsenic	40			FM
7440-39-3	Barium	160	B		PM
7440-41-7	Beryllium	2.0	U		PM
7440-43-9	Cadmium	18			PM
7440-70-2	Calcium	80000			PM
7440-47-3	Chromium	10	U		PM
7440-48-4	Cobalt	34	U		PM
7440-50-8	Copper	22	U		PM
7439-89-6	Iron	80000			PM
7439-92-1	Lead	3.0	U	W	FM
7439-95-4	Magnesium	28000			PM
7439-96-5	Manganese	2300			PM
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	40	U		PM
7440-09-7	Potassium	23000			PM
7482-49-2	Selenium	5.0	U	N	FM
7440-22-4	Silver	4.0	U	N	PM
7440-23-5	Sodium	100000			PM
7440-28-0	Thallium	10	U	N	FM
7440-62-2	Vanadium	19	B		PM
7440-66-6	Zinc	16	B		PM

Comments:



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DIVISION OF ENVIRONMENTAL REMEDIATON

LABORATORY ANALYTICAL REPORT

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD SAMPLE ID

MW-6A

Site Name: FT. EDWARD LANDFILL

Site Code: 558001 Date Collected: 10/21/99 SDG No.: 294-01

Matrix: (soil/water) WATER Lab Sample ID: 599-294-07

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 9902C48A.D

Level: (low/med) LOW Date Received: 10/21/99

% Moisture: not dec. Date Analyzed: 10/22/99

GC Column: RTX624 ID: 0.25 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
75-15-0	Carbon Disulfide	10	U
67-64-1	Acetone	10	U
75-09-2	Methylene Chloride	10	U
163404-4	methyl-tert butyl ether	10	U
540-59-0	trans 1,2-Dichloroethene	10	U
75-34-4	1,1-Dichloroethane	10	U
108-05-4	Vinyl acetate	10	U
540-59-0	cis 1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon tetrachloride	10	U
71-43-2	Benzene	2	J
107-06-2	1,2-Dichloroethane	10	U
79-01-6	Trichloroethene	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U

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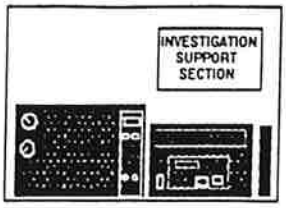

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DIVISION OF ENVIRONMENTAL REMEDIATON

LABORATORY ANALYTICAL REPORT

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD SAMPLE ID

MW-6A

Site Name: FT. EDWARD LANDFILL

Site Code: 558001 Date Collected: 10/21/99 SDG No.: 294-01

Matrix: (soil/water) WATER Lab Sample ID: 599-294-07

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 9902C48A.D

Level: (low/med) LOW Date Received: 10/21/99

% Moisture: not dec. Date Analyzed: 10/22/99

GC Column: RTX624 ID: 0.25 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
108-90-7	Chlorobenzene	1	J
100-41-4	Ethylbenzene	10	U
1330-20-7	m,p-Xylenes	10	U
1330-20-7	o-Xylene	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
95-49-8	2-Chlorotoluene	10	U
106-43-4	4-Chlorotoluene	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
120-82-1	1,2,4-Trichlorobenzene	10	U
87-61-6	1,2,3-Trichlorobenzene	10	U

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD SAMPLE ID:

MW-6A

Site Name: FT. EDWARD LANDFILL

Site Code: 558001

SDG No.: 294-01

Matrix: (soil/water) WATER

Lab Sample ID: 599-294-07

Sample wt/vol: 5.0 (g/ml) ML

Lab File ID: 9902C48A.D

Level: (low/med) LOW

Date Received: 10/21/99

% Moisture: not dec. _____

Date Analyzed: 10/22/99

GC Column: RTX624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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LABORATORY ANALYTICAL REPORT

INORGANIC ANALYSIS DATA SHEET

Site Name: FORT EDWARD LAND FILL

Site Code: 558001

Lab Sample ID: 599-294-07

Matrix: GW

FIELD SAMPLE ID: **MW-6A**

SDG: 294-01

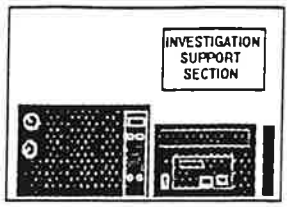
Date Received: 10/21/99

Sample Size: 0.05 liters

CONCENTRATION : ug/L

CAS NO.	ANALYTE		C	Q	M
7429-90-5	Aluminum	200	B		PM
7440-36-0	Antimony	37	U		PM
7440-38-2	Arsenic	8.0	U		FM
7440-39-3	Barium	160	B		PM
7440-41-7	Beryllium	2.0	U		PM
7440-43-9	Cadmium	7.0	U		PM
7440-70-2	Calcium	110000			PM
7440-47-3	Chromium	10	U		PM
7440-48-4	Cobalt	34	U		PM
7440-50-8	Copper	22	U		PM
7439-89-6	Iron	2600			PM
7439-92-1	Lead	3.0	U		FM
7439-95-4	Magnesium	42000			PM
7439-96-5	Manganese	3200			PM
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	40	U		PM
7440-09-7	Potassium	6200			PM
7482-49-2	Selenium	5.0	U	N	FM
7440-22-4	Silver	4.0	U	N	PM
7440-23-5	Sodium	87000			PM
7440-28-0	Thallium	10	U	N	FM
7440-62-2	Vanadium	15	U		PM
7440-66-6	Zinc	66			PM

Comments:



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DIVISION OF ENVIRONMENTAL REMEDIATON

LABORATORY ANALYTICAL REPORT

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD SAMPLE ID

MW-6B

Site Name: FT. EDWARD LANDFILL

Site Code: 558001 Date Collected: 10/21/99 SDG No.: 294-01

Matrix: (soil/water) WATER Lab Sample ID: 599-294-08

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 9902C49A.D

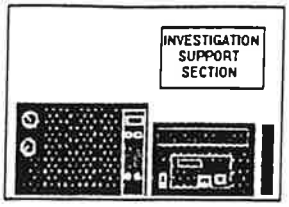
Level: (low/med) LOW Date Received: 10/21/99

% Moisture: not dec. Date Analyzed: 10/22/99

GC Column: RTX624 ID: 0.25 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
75-15-0	Carbon Disulfide	10	U
67-64-1	Acetone	10	U
75-09-2	Methylene Chloride	10	U
163404-4	methyl-tert butyl ether	10	U
540-59-0	trans 1,2-Dichloroethene	10	U
75-34-4	1,1-Dichloroethane	10	U
108-05-4	Vinyl acetate	10	U
540-59-0	cis 1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U
79-01-6	Trichloroethene	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U



NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION

DIVISION OF ENVIRONMENTAL REMEDIATON

LABORATORY ANALYTICAL REPORT

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD SAMPLE ID

MW-6B

Site Name: FT. EDWARD LANDFILL

Site Code: 558001 Date Collected: 10/21/99 SDG No.: 294-01

Matrix: (soil/water) WATER Lab Sample ID: 599-294-08

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 9902C49A.D

Level: (low/med) LOW Date Received: 10/21/99

% Moisture: not dec. Date Analyzed: 10/22/99

GC Column: RTX624 ID: 0.25 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	m,p-Xylenes	10	U
1330-20-7	o-Xylene	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
95-49-8	2-Chlorotoluene	10	U
106-43-4	4-Chlorotoluene	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
120-82-1	1,2,4-Trichlorobenzene	10	U
87-61-6	1,2,3-Trichlorobenzene	10	U

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD SAMPLE ID: **MW-6B**

Site Name: FT. EDWARD LANDFILL
Site Code: 558001
SDG No.: 294-01

Matrix: (soil/water) WATER
Lab Sample ID: 599-294-08

Sample wt/vol: 5.0 (g/ml) ML
Lab File ID: 9902C49A.D

Level: (low/med) LOW
Date Received: 10/21/99

% Moisture: not dec. _____
Date Analyzed: 10/22/99

GC Column: RTX624 ID: 0.25 (mm)
Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION

DIVISION OF ENVIRONMENTAL REMEDIATION

LABORATORY ANALYTICAL REPORT

INORGANIC ANALYSIS DATA SHEET

Site Name: FORT EDWARD LAND FILL

Site Code: 558001

Lab Sample ID: 599-294-08

Matrix: GW

FIELD SAMPLE ID: **MW-6B**

SDG: 294-01

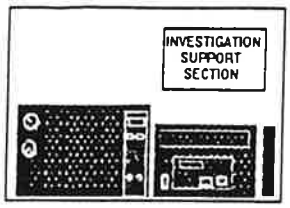
Date Received: 10/21/99

Sample Size: 0.05 liters

CONCENTRATION : ug/L

CAS NO.	ANALYTE		C	Q	M
7429-90-5	Aluminum	920			PM
7440-36-0	Antimony	37	U		PM
7440-38-2	Arsenic	8.0	U	W	FM
7440-39-3	Barium	160	U		PM
7440-41-7	Beryllium	2.0	U		PM
7440-43-9	Cadmium	7.0	U		PM
7440-70-2	Calcium	9800			PM
7440-47-3	Chromium	10	U		PM
7440-48-4	Cobalt	34	U		PM
7440-50-8	Copper	22	U		PM
7439-89-6	Iron	1200			PM
7439-92-1	Lead	3.0	U		FM
7439-95-4	Magnesium	1800	B		PM
7439-96-5	Manganese	60			PM
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	40	U		PM
7440-09-7	Potassium	1100	U		PM
7482-49-2	Selenium	5.0	U	N	FM
7440-22-4	Silver	4.0	U	N	PM
7440-23-5	Sodium	39000			PM
7440-28-0	Thallium	10	U	N	FM
7440-62-2	Vanadium	15	U		PM
7440-66-6	Zinc	130			PM

Comments:



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DIVISION OF ENVIRONMENTAL REMEDIATON

LABORATORY ANALYTICAL REPORT

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD SAMPLE ID

MW-7

Site Name: FT. EDWARD LANDFILL

Site Code: 558001 Date Collected: 10/21/99 SDG No.: 294-01

Matrix: (soil/water) WATER Lab Sample ID: 599-294-09

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 9902C51A.D

Level: (low/med) LOW Date Received: 10/21/99

% Moisture: not dec. Date Analyzed: 10/22/99

GC Column: RTX624 ID: 0.25 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
75-15-0	Carbon Disulfide	10	U
67-64-1	Acetone	10	U
75-09-2	Methylene Chloride	10	U
163404-4	methyl-tert butyl ether	10	U
540-59-0	trans 1,2-Dichloroethene	10	U
75-34-4	1,1-Dichloroethane	10	U
108-05-4	Vinyl acetate	10	U
540-59-0	cis 1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U
79-01-6	Trichloroethene	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U

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NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION

DIVISION OF ENVIRONMENTAL REMEDIATON

LABORATORY ANALYTICAL REPORT

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD SAMPLE ID

MW-7

Site Name: FT. EDWARD LANDFILL

Site Code: 558001 Date Collected: 10/21/99 SDG No.: 294-01

Matrix: (soil/water) WATER Lab Sample ID: 599-294-09

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 9902C51A.D

Level: (low/med) LOW Date Received: 10/21/99

% Moisture: not dec. Date Analyzed: 10/22/99

GC Column: RTX624 ID: 0.25 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	m,p-Xylenes	10	U
1330-20-7	o-Xylene	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
95-49-8	2-Chlorotoluene	10	U
106-43-4	4-Chlorotoluene	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
120-82-1	1,2,4-Trichlorobenzene	10	U
87-61-6	1,2,3-Trichlorobenzene	10	U

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD SAMPLE ID: **MW-7**

Site Name: FT. EDWARD LANDFILL
Site Code: 558001
SDG No.: 294-01
Matrix: (soil/water) WATER
Lab Sample ID: 599-294-09
Sample wt/vol: 5.0 (g/ml) ML
Lab File ID: 9902C51A.D
Level: (low/med) LOW
Date Received: 10/21/99
% Moisture: not dec. _____
Date Analyzed: 10/22/99
GC Column: RTX624 ID: 0.25 (mm)
Dilution Factor: 1.0
Soil Extract Volume: _____ (uL)
Soil Aliquot Volume: _____ (uL)

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION

DIVISION OF ENVIRONMENTAL REMEDIATION

LABORATORY ANALYTICAL REPORT

INORGANIC ANALYSIS DATA SHEET

Site Name: FORT EDWARD LAND FILL

Site Code: 558001

Lab Sample ID: 599-294-09

Matrix: GW

FIELD SAMPLE ID: **MW-7**

SDG: 294-01

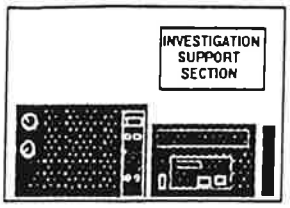
Date Received: 10/21/99

Sample Size: 0.05 liters

CONCENTRATION : ug/L

CAS NO.	ANALYTE		C	Q	M
7429-90-5	Aluminum	190	B		PM
7440-36-0	Antimony	37	U		PM
7440-38-2	Arsenic	8.0	U		FM
7440-39-3	Barium	160	U		PM
7440-41-7	Beryllium	2.0	U		PM
7440-43-9	Cadmium	24			PM
7440-70-2	Calcium	92000			PM
7440-47-3	Chromium	10	U		PM
7440-48-4	Cobalt	34	U		PM
7440-50-8	Copper	22	U		PM
7439-89-6	Iron	2200			PM
7439-92-1	Lead	3.0	U		FM
7439-95-4	Magnesium	24000			PM
7439-96-5	Manganese	4900			PM
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	40	U		PM
7440-09-7	Potassium	1100	U		PM
7482-49-2	Selenium	5.0	U	N	FM
7440-22-4	Silver	4.0	U	N	PM
7440-23-5	Sodium	8400			PM
7440-28-0	Thallium	10	U	N	FM
7440-62-2	Vanadium	15	U		PM
7440-66-6	Zinc	24			PM

Comments:



NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION

DIVISION OF ENVIRONMENTAL REMEDIATON

LABORATORY ANALYTICAL REPORT

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD SAMPLE ID

MW-8

Site Name: FT. EDWARD LANDFILL

Site Code: 558001 Date Collected: 10/21/99 SDG No.: 294-01

Matrix: (soil/water) WATER Lab Sample ID: 599-294-10

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 9902C52A.D

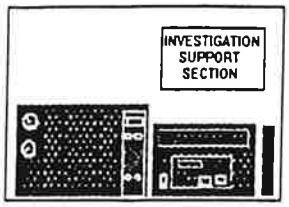
Level: (low/med) LOW Date Received: 10/21/99

% Moisture: not dec. _____ Date Analyzed: 10/22/99

GC Column: RTX624 ID: 0.25 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
75-15-0	Carbon Disulfide	10	U
67-64-1	Acetone	10	U
75-09-2	Methylene Chloride	10	U
163404-4	methyl-tert butyl ether	10	U
540-59-0	trans 1,2-Dichloroethene	10	U
75-34-4	1,1-Dichloroethane	10	U
108-05-4	Vinyl acetate	10	U
540-59-0	cis 1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U
79-01-6	Trichloroethene	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U



NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION

DIVISION OF ENVIRONMENTAL REMEDIATON

LABORATORY ANALYTICAL REPORT

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD SAMPLE ID

MW-8

Site Name: FT. EDWARD LANDFILL

Site Code: 558001 Date Collected: 10/21/99 SDG No.: 294-01

Matrix: (soil/water) WATER Lab Sample ID: 599-294-10

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 9902C52A.D

Level: (low/med) LOW Date Received: 10/21/99

% Moisture: not dec. Date Analyzed: 10/22/99

GC Column: RTX624 ID: 0.25 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	m,p-Xylenes	10	U
1330-20-7	o-Xylene	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
95-49-8	2-Chlorotoluene	10	U
106-43-4	4-Chlorotoluene	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
120-82-1	1,2,4-Trichlorobenzene	10	U
87-61-6	1,2,3-Trichlorobenzene	10	U

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD SAMPLE ID: **MW-8**

Site Name: FT. EDWARD LANDFILL
Site Code: 558001
SDG No.: 294-01

Matrix: (soil/water) WATER
Lab Sample ID: 599-294-10

Sample wt/vol: 5.0 (g/ml) ML
Lab File ID: 9902C52A.D

Level: (low/med) LOW
Date Received: 10/21/99

% Moisture: not dec. _____
Date Analyzed: 10/22/99

GC Column: RTX624 ID: 0.25 (mm)
Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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DIVISION OF ENVIRONMENTAL REMEDIATION

LABORATORY ANALYTICAL REPORT

INORGANIC ANALYSIS DATA SHEET

Site Name: FORT EDWARD LAND FILL

Site Code: 558001

Lab Sample ID: 599-294-10

Matrix: GW

FIELD SAMPLE ID: **MW-8**

SDG: 294-01

Date Received: 10/21/99

Sample Size: 0.05 liters

CONCENTRATION : ug/L

CAS NO.	ANALYTE		C	Q	M
7429-90-5	Aluminum	430			PM
7440-36-0	Antimony	37	U		PM
7440-38-2	Arsenic	8.0	U		FM
7440-39-3	Barium	160	U		PM
7440-41-7	Beryllium	2.0	U		PM
7440-43-9	Cadmium	7.0	U		PM
7440-70-2	Calcium	43000			PM
7440-47-3	Chromium	10	U		PM
7440-48-4	Cobalt	34	U		PM
7440-50-8	Copper	22	U		PM
7439-89-6	Iron	460			PM
7439-92-1	Lead	3.0	U	W	FM
7439-95-4	Magnesium	8800			PM
7439-96-5	Manganese	130			PM
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	40	U		PM
7440-09-7	Potassium	1100	U		PM
7482-49-2	Selenium	5.0	U	N	FM
7440-22-4	Silver	4.0	U	N	PM
7440-23-5	Sodium	8500			PM
7440-28-0	Thallium	10	U	N	FM
7440-62-2	Vanadium	15	U		PM
7440-66-6	Zinc	10	U		PM

Comments:

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LABORATORY ANALYTICAL REPORT

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD SAMPLE ID: TB

Site Name: FT. EDWARD LANDFILL

Site Code: 558001 Date Collected: 10/21/99 SDG No.: 294-01

Matrix: (soil/water) WATER Lab Sample ID: 599-294-14

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 9902C55A.D

Level: (low/med) LOW Date Received: 10/21/99

% Moisture: not dec. Date Analyzed: 10/22/99

GC Column: RTX624 ID: 0.25 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
75-15-0	Carbon Disulfide	10	U
67-64-1	Acetone	10	U
75-09-2	Methylene Chloride	10	U
163404-4	methyl-tert butyl ether	10	U
540-59-0	trans 1,2-Dichloroethene	10	U
75-34-4	1,1-Dichloroethane	10	U
108-05-4	Vinyl acetate	10	U
540-59-0	cis 1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U
79-01-6	Trichloroethene	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U

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NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION

DIVISION OF ENVIRONMENTAL REMEDIATON

LABORATORY ANALYTICAL REPORT

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD SAMPLE ID

TB

Site Name: FT. EDWARD LANDFILL

Site Code: 558001 Date Collected: 10/21/99 SDG No.: 294-01

Matrix: (soil/water) WATER Lab Sample ID: 599-294-14

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 9902C55A.D

Level: (low/med) LOW Date Received: 10/21/99

% Moisture: not dec. _____ Date Analyzed: 10/22/99

GC Column: RTX624 ID: 0.25 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	m,p-Xylenes	10	U
1330-20-7	o-Xylene	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
95-49-8	2-Chlorotoluene	10	U
106-43-4	4-Chlorotoluene	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
120-82-1	1,2,4-Trichlorobenzene	10	U
87-61-6	1,2,3-Trichlorobenzene	10	U

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD SAMPLE ID:

TB

Site Name: FT. EDWARD LANDFILL

Site Code: 558001

SDG No.: 294-01

Matrix: (soil/water) WATER

Lab Sample ID: 599-294-14

Sample wt/vol: 5.0 (g/ml) ML

Lab File ID: 9902C55A.D

Level: (low/med) LOW

Date Received: 10/21/99

% Moisture: not dec.

Date Analyzed: 10/22/99

GC Column: RTX624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION

DIVISION OF ENVIRONMENTAL REMEDIATION

LABORATORY ANALYTICAL REPORT

INORGANIC ANALYSIS DATA SHEET

Site Name: FORT EDWARD LAND FILL

Site Code: 558001

Lab Sample ID: 599-294-12

Matrix: SW

FIELD SAMPLE ID: **SW-2**

SDG: 294-01

Date Received: 10/21/99

Sample Size: 0.05 liters

CONCENTRATION : ug/L

CAS NO.	ANALYTE		C	Q	M
7429-90-5	Aluminum	3000			PM
7440-36-0	Antimony	190			PM
7440-38-2	Arsenic	49			FM
7440-39-3	Barium	1100			PM
7440-41-7	Beryllium	2.0	U		PM
7440-43-9	Cadmium	100			PM
7440-70-2	Calcium	110000			PM
7440-47-3	Chromium	10	U		PM
7440-48-4	Cobalt	46	B		PM
7440-50-8	Copper	25	B		PM
7439-89-6	Iron	490000			PM
7439-92-1	Lead	54		S	FM
7439-95-4	Magnesium	23000			PM
7439-96-5	Manganese	2300			PM
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	40	U		PM
7440-09-7	Potassium	17000			PM
7482-49-2	Selenium	5.0	U	N	FM
7440-22-4	Silver	4.0	U	N	PM
7440-23-5	Sodium	71000			PM
7440-28-0	Thallium	10	U	N,W	FM
7440-62-2	Vanadium	100			PM
7440-66-6	Zinc	1100			PM

Comments:

NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION

DIVISION OF ENVIRONMENTAL REMEDIATION

LABORATORY ANALYTICAL REPORT

INORGANIC ANALYSIS DATA SHEET

Site Name: FORT EDWARD LAND FILL

Site Code: 558001

Lab Sample ID: 599-294-13

Matrix: SW

FIELD SAMPLE ID: **SW-3**

SDG: 294-01

Date Received: 10/21/99

Sample Size: 0.05 liters

CONCENTRATION : ug/L

CAS NO.	ANALYTE		C	Q	M
7429-90-5	Aluminum	570			PM
7440-36-0	Antimony	37	U		PM
7440-38-2	Arsenic	8.0	U	W	FM
7440-39-3	Barium	160	U		PM
7440-41-7	Beryllium	2.0	U		PM
7440-43-9	Cadmium	7.0	U		PM
7440-70-2	Calcium	88000			PM
7440-47-3	Chromium	10	U		PM
7440-48-4	Cobalt	34	U		PM
7440-50-8	Copper	22	U		PM
7439-89-6	Iron	7300			PM
7439-92-1	Lead	10			FM
7439-95-4	Magnesium	25000			PM
7439-96-5	Manganese	3600			PM
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	40	U		PM
7440-09-7	Potassium	5600			PM
7482-49-2	Selenium	5.0	U	N	FM
7440-22-4	Silver	4.0	U	N	PM
7440-23-5	Sodium	38000			PM
7440-28-0	Thallium	10	U	N,W	FM
7440-62-2	Vanadium	15	U		PM
7440-66-6	Zinc	26			PM

Comments: