URS

November 16, 2005

Mr. Gary Andes
Commissioner of Public Works
City of Lockport
Lockport Municipal Building
One Locks Plaza
Lockport, New York 14094

RE: LOCKPORT CITY LANDFILL
LONG TERM MONITORING

Dear Mr. Andes:

URS Corporation (URS) is pleased to submit two (2) copies of a sampling and analysis report for long-term monitoring at the above-referenced facility. The report presents results of annual monitoring that was conducted on October 4, 2005. All work was completed in accordance with the NYSDEC approved Long-Term Monitoring Plan.

There were no exceedances above the specified action levels and contingent sampling and analysis is not warranted. This is the ninth year of the Long-Term Monitoring program. The next sampling event will be conducted during the fourth quarter (i.e. October-December) of 2006, which is Year Ten of the Long-Term Monitoring program.

With your permission, a copy of this report is also being forwarded to the New York State Department of Environmental Conservation (NYSDEC). Please contact us if you have any questions or if you required any additional information.

Very truly,

URS Corporation

James Lanzo, P.E.
Project Engineer

Enclosure

cc: J. Hyden, NYSDEC
Jim Lehnen, URS
Jon Sundquist, URS
File: 1172751 (R-1)

URS Corporation
77 Goodell Street
Buffalo, NY 14203
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SAMPLING AND ANALYSIS REPORT
(YEAR 9)

THE LOCKPORT CITY LANDFILL

NYSDEC SITE NO. 9-32-010

Prepared For:

CITY OF LOCKPORT, NEW YORK

DEPARTMENT OF PUBLIC WORKS

Prepared By:

URS CORPORATION

77 GOODELL STREET

BUFFALO, NEW YORK 14203

NOVEMBER 2005

INTRODUCTION

The Lockport City Landfill site is located on Oakhurst Street in the City of Lockport, Niagara County, New York. The landfill has been assigned the site registry number 9-32-010 and is the subject of this report.

The Remedial Action Design for the site included a Long-Term Monitoring Plan and Operation and Maintenance Plan that were approved by the NYSDEC. The purpose of the Long-Term Monitoring Plan is to provide information to evaluate and monitor the long-term effectiveness of the remedial work. The Operation and Maintenance Plan includes regular site inspections and analytical testing to identify any potential problems at the landfill that are not being adequately addressed by routine maintenance, and to document the current condition of the landfill. The Long-Term Monitoring Program started in 1997 and six events were conducted in the first five years (two events in 1997 and one event per year afterwards). This is the fourth monitoring event of the current Long-Term Monitoring contract between URS and the City of Lockport. The purpose of this report is to present the findings of the sampling event conducted at the Lockport City Landfill on October 4, 2005.

LONG-TERM MONITORING

In accordance with the NYSDEC approved Long-Term Monitoring Plan included in the Operation and Maintenance Plan, five groundwater wells and one outfall were sampled by URS on October 4, 2005. The samples were delivered to Severn Trent Laboratories (STL) of Amherst, New York, and analyzed for Target Compound List (TCL) volatile organic compounds (VOCs) by United States Environmental Protection Agency (USEPA) CLP Statement of Work (SOW) OLM04.2. Analytical data sheets (i.e., laboratory report Form I VOA) are provided in Attachment A and field measurements and sampling observations are presented on log sheets included in Attachment B. Table 1 summarizes data for locations that have established action levels.

The laboratory analytical data was reviewed for compliance with the deliverable criteria, the analytical method, and USEPA validation criteria. The usability of the data is discussed in Attachment C, which indicates that the data are fully usable with minor exceptions.

Analytical results presented on Table 1 indicate that there were no exceedances above the specified action levels. Because exceedances did not occur, contingent sampling and analysis is not needed. Therefore, the next sampling event will be during the fourth quarter (October-December, 2006) in Year Ten of this Long-Term Monitoring Program.

TABLE 1
SUMMARY OF SAMPLE RESULTS

Detected Levels											
Compound of Interest	**Action Level**	**Jun 97**	**Nov 97**	**Sep 98**	**Sep 99**	**Sep 00**	**Sep 01**	**Oct 02**	**Dec 03**	**Oct 04**	**Oct 05**
MW-8D											
Vinyl Chloride	162	ND	ND	ND	ND	ND	7	33	6	4	ND
1,2- DCE (total)	1,580	100	90	110	18	25	41	120	7	28	27
TCE	260	2.4	4	5	2	2	2	ND	ND	ND	ND
MW-9I											
Vinyl Chloride	24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2- DCE (total)	42	8.4	6	6	5	4	4	4	4	3	3
TCE	---	1.6	2	2	1	1	1	1	ND	ND	ND
OUTFALL L2											
Vinyl Chloride	94	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2- DCE (total)	280	ND	2	ND	ND	ND	ND	ND	ND	ND	ND
TCE	---	ND	3	ND	ND	ND	ND	ND	ND	ND	ND

Notes:

(1) Concentrations are in µg/L.
(2) ND: Not Detected.
(3) 1,2-DCA = 1,2-Dichloroethene
(4) TCE = Trichloroethene

ATTACHMENT 1

LABORATORY RESULTS

EPA ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

VBLK73

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A5B1554202

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q7952.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/07/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
108-88-3	Toluene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Total Xylenes	10	U
75-71-8	Dichlorodifluoromethane	10	U
75-69-4	Trichlorofluoromethane	10	U

EPA ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

VBLK73

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A5B1554202

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q7952.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/07/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
110-82-7	Cyclohexane	10	U
108-87-2	Methylcyclohexane	1	J
106-93-4	1,2-Dibromoethane	10	U
98-82-8	Isopropylbenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
79-20-9	Methyl acetate	10	U

EPA ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

VBLK74

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A5B1561502

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q7964.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/09/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
108-88-3	Toluene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Total Xylenes	10	U
75-71-8	Dichlorodifluoromethane	10	U
75-69-4	Trichlorofluoromethane	10	U

EPA ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

VBLK74

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A5B1561502

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q7964.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/09/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
110-82-7	Cyclohexane	10	U
108-87-2	Methylcyclohexane	10	U
106-93-4	1,2-Dibromoethane	10	U
98-82-8	Isopropylbenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
79-20-9	Methyl acetate	10	U

EPA ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.: LCL-3S-10/05

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A5B03101

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q7958.RR

Level: (low/med) LOW Date Samp/Recv: 10/04/2005 10/04/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/07/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	1	J
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
108-88-3	Toluene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Total Xylenes	10	U
75-71-8	Dichlorodifluoromethane	10	U
75-69-4	Trichlorofluoromethane	10	U

EPA ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

LCL-3S-10/05

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A5B03101

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q7958.RR

Level: (low/med) LOW Date Samp/Recv: 10/04/2005 10/04/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/07/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
110-82-7	Cyclohexane	10	U
108-87-2	Methylcyclohexane	10	U
106-93-4	1,2-Dibromoethane	10	U
98-82-8	Isopropylbenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
79-20-9	Methyl acetate	10	U

EPA ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

LCL-6D-10/05

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A5B03102

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q7957.RR

Level: (low/med) LOW Date Samp/Recv: 10/04/2005 10/04/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/07/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	10	U
67-64-1	Acetone	2	J
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
108-88-3	Toluene	2	J
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Total Xylenes	10	U
75-71-8	Dichlorodifluoromethane	10	U
75-69-4	Trichlorofluoromethane	10	U

11/7/05 JM

EPA ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

LCL-6D-10/05

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A5B03102

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q7957.RR

Level: (low/med) LOW Date Samp/Recv: 10/04/2005 10/04/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/07/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
110-82-7	Cyclohexane	10	U
108-87-2	Methylcyclohexane	10	U
106-93-4	1,2-Dibromoethane	10	U
98-82-8	Isopropylbenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
79-20-9	Methyl acetate	10	U

EPA ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.: LCL-8D-10/05

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A5B03103

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q7956.RR

Level: (low/med) LOW Date Samp/Recv: 10/04/2005 10/04/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/07/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	10	U
67-64-1	Acetone	10	U UJ
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U UJ
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
108-88-3	Toluene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Total Xylenes	10	U
75-71-8	Dichlorodifluoromethane	10	U
75-69-4	Trichlorofluoromethane	10	U

EPA ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

LCL-8D-10/05

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A5B03103

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q7956.RR

Level: (low/med) LOW Date Samp/Recv: 10/04/2005 10/04/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/07/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	10	U
156-59-2	cis-1,2-Dichloroethene	27	
110-82-7	Cyclohexane	10	U
108-87-2	Methylcyclohexane	10	U
106-93-4	1,2-Dibromoethane	10	U
98-82-8	Isopropylbenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
79-20-9	Methyl acetate	10	U

EPA ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

LCL-9I-10/05

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A5B03105

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q7965.RR

Level: (low/med) LOW Date Samp/Recv: 10/04/2005 10/04/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/09/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
108-88-3	Toluene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Total Xylenes	10	U
75-71-8	Dichlorodifluoromethane	10	U
75-69-4	Trichlorofluoromethane	10	U

EPA ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

LCL-9I-10/05

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A5B03105

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q7965.RR

Level: (low/med) LOW Date Samp/Recv: 10/04/2005 10/04/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/09/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	10	U
156-59-2	cis-1,2-Dichloroethene	3	J
110-82-7	Cyclohexane	10	U
108-87-2	Methylcyclohexane	10	U
106-93-4	1,2-Dibromoethane	10	U
98-82-8	Isopropylbenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
79-20-9	Methyl acetate	10	U

EPA ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

LCL-9S-10/05

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A5B03104

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q7955.RR

Level: (low/med) LOW Date Samp/Recv: 10/04/2005 10/04/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/07/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	10	U
67-64-1	Acetone	10	~~U~~ UJ
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	~~U~~ UJ
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
108-88-3	Toluene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Total Xylenes	10	U
75-71-8	Dichlorodifluoromethane	10	U
75-69-4	Trichlorofluoromethane	10	U

11/7/05 SM

EPA ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

LCL-9S-10/05

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A5B03104

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q7955.RR

Level: (low/med) LOW Date Samp/Recv: 10/04/2005 10/04/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/07/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
110-82-7	Cyclohexane	10	U
108-87-2	Methylcyclohexane	10	U
106-93-4	1,2-Dibromoethane	10	U
98-82-8	Isopropylbenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
79-20-9	Methyl acetate	10	U

EPA ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

LCL-L2-10/05

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A5B03106

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q7954.RR

Level: (low/med) LOW Date Samp/Recv: 10/04/2005 10/04/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/07/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	10	U
67-64-1	Acetone	2	J
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
108-88-3	Toluene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Total Xylenes	10	U
75-71-8	Dichlorodifluoromethane	10	U
75-69-4	Trichlorofluoromethane	10	U

11/7/05 TSR

EPA ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

LCL-L2-10/05

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A5B03106

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q7954.RR

Level: (low/med) LOW Date Samp/Recv: 10/04/2005 10/04/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/07/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
110-82-7	Cyclohexane	10	U
108-87-2	Methylcyclohexane	10	U
106-93-4	1,2-Dibromoethane	10	U
98-82-8	Isopropylbenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
79-20-9	Methyl acetate	10	U

EPA ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

LCL-TB1-10/05

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A5B03107

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q7953.RR

Level: (low/med) LOW Date Samp/Recv: 10/04/2005 10/04/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/07/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	10	U
67-64-1	Acetone	10	~~U~~ UJ
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	~~U~~ UJ
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
108-88-3	Toluene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Total Xylenes	10	U
75-71-8	Dichlorodifluoromethane	10	U
75-69-4	Trichlorofluoromethane	10	U

11/7/05 JP

EPA ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

LCL-TB1-10/05

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A5B03107

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q7953.RR

Level: (low/med) LOW Date Samp/Recv: 10/04/2005 10/04/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/07/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
110-82-7	Cyclohexane	10	U
108-87-2	Methylcyclohexane	10	U
106-93-4	1,2-Dibromoethane	10	U
98-82-8	Isopropylbenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
79-20-9	Methyl acetate	10	U

59/277

CHAIN OF CUSTODY RECORD

URS

PROJECT NO.	SITE NAME
11172751.00000	LOCKPORT CITY LANDFILL

SAMPLERS (PRINT/SIGNATURE): SCOTT W. McCONE Scott W McCone

LAB STL

COOLER 1 of 1

PAGE 1 of 1

DELIVERY SERVICE: HAND DELIVER AIRBILL NO.: NA

LOCATION IDENTIFIER	DATE	TIME	COMP/ GRAB	SAMPLE ID	MATRIX	TOTAL NO.# OF CONTAINERS	TESTS: TCL VOC	BOTTLE TYPE AND PRESERVATIVE: 40ML VOA	REMARKS	SAMPLE TYPE	BEGINNING DEPTH (IN FEET)	ENDING DEPTH (IN FEET)	FIELD LOT NO.# (ERTIMS)
MW-3S	10/4/05	1055	GRAB	LCL-3S-10/05	WG	3	3	3		N1	-	-	-
MW-6D	10/4/05	0700	GRAB	LCL-6D-10/05	WG	3	3	3		N1	-	-	-
MW-8D	10/4/05	0745	GRAB	LCL-8D-10/05	WG	3	3	3		N1	-	-	-
MW-9S	10/4/05	0930	GRAB	LCL-9S-10/05	WG	3	3	3		N1	-	-	-
MW-9I	10/4/05	1000	GRAB	LCL-9I-10/05	WG	3	3	3		N1	-	-	-
OUTFALL L2	10/4/05	1110	GRAB	LCL-L2-10/05	WG	3	3	3		N1	-	-	-
TRIP BLANK	10/4/05	1115	GRAB	LCL-TB1-10/05	TB	2	2	2		TB1	-	-	-

MATRIX CODES	AA - AMBIENT AIR SE - SEDIMENT SH - HAZARDOUS SOLID WASTE	SL - SLUDGE WP - DRINKING WATER WW - WASTE WATER	WG - GROUND WATER SO - SOIL DC - DRILL CUTTINGS	WL - LEACHATE GS - SOIL GAS WC - DRILLING WATER	WO - OCEAN WATER WS - SURFACE WATER WQ - WATER FIELD QC	LH - HAZARDOUS LIQUID WASTE LF - FLOATING/FREE PRODUCT ON GW TABLE
SAMPLE TYPE CODES	TB# - TRIP BLANK SD# - MATRIX SPIKE DUPLICATE	RB# - RINSE BLANK FR# - FIELD REPLICATE	N# - NORMAL ENVIRONMENTAL SAMPLE MS# - MATRIX SPIKE	(# - SEQUENTIAL NUMBER (FROM 1 TO 9) TO ACCOMMODATE MULTIPLE SAMPLES IN A SINGLE DAY)		

RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED BY (SIGNATURE)	DATE	TIME
Scott W McCone	10/4/05	1155	Tamara Jaap	10/4/05	1155
RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED FOR LAB BY (SIGNATURE)	DATE	TIME

SPECIAL INSTRUCTIONS: LOW LEVELS OF VOCs IN SAMPLES. SAMPLES NOT PRESERVED

Distribution: Original accompanies shipment, copy to coordinator field files

URSF-075C/1 OF 1/ColCR/GCM

20.8°C

ATTACHMENT B

FIELD RESULTS

URS

GROUNDWATER PURGING/SAMPLING LOG

Project: 11172751.00000 **Site:** Lockport City Landfill **Well I.D.:** MW-3S

Date: 10/04/05 **Sampling Personnel:** Scott W. McCone **Company:** URS Corporation

Purging/ Sampling Device: Single-Use Bailer Material of Construction: HDPE Pump/Tubing Inlet Location: NA

Measuring Point: TOIC Initial Depth to Water: 3.22 feet Depth to Well Bottom: 13.26 feet Well Diameter: Two-Inch Screen Length: 5 feet

Casing Type: Stainless Steel Volume in 1 Well Casing (gallons): 1.7 gallons Estimated Purge Volume (gallons): 7 gallons

Sample ID: LCL-3S-10/05 Sample Time: 1055 QA/QC: NA

Sample Parameters: TCL VOCs

PURGE PARAMETERS

TIME	pH	TEMP (^{0}C)	COND. (mS/cm)	DISS. O_2 (mg/l)	TURB. (NTU)	Eh (mV)	Appearance
1035	7.27	16.1	2.27	11.32	35.0	---	Clear
1040	7.14	15.7	2.42	11.50	73.0	---	Cloudy
1045	7.12	15.2	2.58	11.52	95.0	---	Cloudy
1050	7.13	14.9	2.62	11.48	101.0	---	Cloudy

Tolerance:	**0.1**	**---**	**3%**	**10%**	**10%**	**+ or - 10**	

Information: 0.17 gallons per foot in 2-inch diameter well
0.66 gallons per foot in 4-inch diameter well

Comments:

1. Purge water was gray with fine particulates present
2. Obstruction in well between the riser and the screen was present requiring the use of a 0.6-inch diameter bailer
3. Area around the well was overgrown; removed brush and small trees.

URS

GROUNDWATER PURGING/SAMPLING LOG

Project: 11172751.00000 **Site:** Lockport City Landfill **Well I.D.:** MW-6D

Date: 10/04/05 **Sampling Personnel:** Scott W. McCone **Company:** URS Corporation

Purging/ Sampling Device: Single-Use Bailer Material of Construction: HDPE Pump/Tubing Inlet Location: NA

Measuring Point: TOIC Initial Depth to Water: 76.19 feet Depth to Well Bottom: 77.13 feet Well Diameter: Two-Inch Screen Length: 10 feet

Casing Type: PVC Volume in 1 Well Casing (gallons): 0.16 gallons Estimated Purge Volume (gallons): 0.2 gallons

Sample ID: LCL-6D-10/05 Sample Time: 0700 QA/QC: NA

Sample Parameters: TCL VOCs

PURGE PARAMETERS

TIME	pH	TEMP (^{0}C)	COND. (mS/cm)	DISS. O_2 (mg/l)	TURB. (NTU)	Eh (mV)	Appearance
0645	8.43	11.7	2.86	13.15	17.0	---	Clear
0650	8.42	11.6	2.84	12.92	23.0	---	Clear

Tolerance:	**0.1**	---	**3%**	**10%**	**10%**	**+ or - 10**	

Information: 0.17 gallons per foot in 2-inch diameter well
0.66 gallons per foot in 4-inch diameter well

Comments:

1. Bailed well dry with a 1.75-inch bailer.
2. Well pad is intact and the stickup protective cover is in good condition.

URS

GROUNDWATER PURGING/SAMPLING LOG

Project: 11172751.00000 **Site:** Lockport City Landfill **Well I.D.:** MW-8D

Date: 10/04/05 **Sampling Personnel:** Scott W. McCone **Company:** URS Corporation

Purging/ Sampling Device: Single-Use Bailer Material of Construction: HDPE Pump/Tubing Inlet Location: NA

Measuring Point: TOIC Initial Depth to Water: 71.36 feet Depth to Well Bottom: 77.26 feet Well Diameter: Two-Inch Screen Length: 10 feet

Casing Type: Stainless Steel Volume in 1 Well Casing (gallons): 1.0 gallons Estimated Purge Volume (gallons): 1.2 gallons

Sample ID: LCL-8D-10/05 Sample Time: 0745 QA/QC: NA

Sample Parameters: TCL VOCs

PURGE PARAMETERS

TIME	pH	TEMP (^{0}C)	COND. (mS/cm)	DISS. O_2 (mg/l)	TURB. (NTU)	Eh (mV)	Appearance
0730	8.46	11.7	2.87	13.23	22.0	---	Clear
0735	8.44	11.6	2.87	12.98	27.0	---	Clear
0740	8.45	11.7	2.86	12.92	32.0	---	Clear

Tolerance:	**0.1**	**---**	**3%**	**10%**	**10%**	**+ or - 10**	

Information: 0.17 gallons per foot in 2-inch diameter well
0.66 gallons per foot in 4-inch diameter well

Comments:

1. Bailed well dry with 1.75-inch bailer.
2. Well pad is intact and the stickup protective cover is in good condition.

URS

GROUNDWATER PURGING/SAMPLING LOG

Project: 11172751.00000 **Site:** Lockport City Landfill **Well I.D.:** MW-9I

Date: 10/04/05 **Sampling Personnel:** Scott W. McCone **Company:** URS Corporation

Purging/ Sampling Device: Single-Use Bailer Material of Construction: HDPE Pump/Tubing Inlet Location: NA

Measuring Point: TOIC Initial Depth to Water: 5.85 feet Depth to Well Bottom: 20.00 feet Well Diameter: Two-Inch Screen Length: 10 feet

Casing Type: PVC Volume in 1 Well Casing (gallons): 2.4 gallons Estimated Purge Volume (gallons): 10 gallons

Sample ID: LCL-9I-10/05 Sample Time: 1000 QA/QC: NA

Sample Parameters: TCL VOCs

PURGE PARAMETERS

TIME	pH	TEMP (^{0}C)	COND. (mS/cm)	DISS. O_2 (mg/l)	TURB. (NTU)	Eh (mV)	Appearance
0940	7.35	15.8	2.10	11.14	164	---	Cloudy
0945	7.45	13.8	2.06	12.47	515	---	Cloudy
0950	7.34	13.2	1.73	12.83	119	---	Cloudy
0955	7.37	13.1	1.69	12.87	102	---	Cloudy

Tolerance:	**0.1**	**---**	**3%**	**10%**	**10%**	**+ or - 10**	

Information: 0.17 gallons per foot in 2-inch diameter well
0.66 gallons per foot in 4-inch diameter well

Comments:

1. Tree branch fell on top of stickup protective cover; removed tree branch.
2. Iron bacteria was present in the bottom of the monitoring well.
3. Area around the well was overgrown; removed brush and small trees.

URS

GROUNDWATER PURGING/SAMPLING LOG

Project: 11172751.00000 **Site:** Lockport City Landfill **Well I.D.:** MW-9S

Date: 10/04/05 **Sampling Personnel:** Scott W. McCone **Company:** URS Corporation

Purging/ Sampling Device: Single-Use Bailer Material of Construction: HDPE Pump/Tubing Inlet Location: NA

Measuring Point: TOIC Initial Depth to Water: 6.69 feet Depth to Well Bottom: 12.38 feet Well Diameter: Two-Inch Screen Length: 5 feet

Casing Type: PVC Volume in 1 Well Casing (gallons): 0.97 gallons Estimated Purge Volume (gallons): 5 gallons

Sample ID: LCL-9S-10/05 Sample Time: 0930 QA/QC: NA

Sample Parameters: TCL VOCs

PURGE PARAMETERS

TIME	pH	TEMP (^{0}C)	COND. (mS/cm)	DISS. O_2 (mg/l)	TURB. (NTU)	Eh (mV)	Appearance
0915	7.88	15.9	1.71	10.84	119	---	Cloudy
0920	7.71	15.8	1.95	10.91	341	---	Cloudy
0925	7.67	16.2	1.97	10.91	387	---	Cloudy

Tolerance:	**0.1**	**---**	**3%**	**10%**	**10%**	**+ or - 10**	

Information: 0.17 gallons per foot in 2-inch diameter well
0.66 gallons per foot in 4-inch diameter well

Comments:

1. Tree branch fell on top of stickup protective cover; removed tree branch.
2. Area around the well was overgrown; removed brush and small trees.
3. Bottom soft and iron bacteria present in the bottom of the well.
4. Well pad is intact and the stickup protective cover is in good condition.

URS

GROUNDWATER PURGING/SAMPLING LOG

Project: 11172751.00000 **Site:** Lockport City Landfill **Well I.D.:** OUTFALL L-2

Date: 10/04/05 **Sampling Personnel:** Scott W. McCone **Company:** URS Corporation

Purging/ Sampling Device: NA Material of Construction NA Pump/Tubing Inlet Location: NA

Measuring Point: NA Initial Depth to Water: NA Depth to Well Bottom: NA Well Diameter: NA Screen Length: NA

Casing Type: NA Volume in 1 Well Casing (gallons): NA Estimated Purge Volume (gallons): NA

Sample ID: LCL-L2-10/05 Sample Time: 1105 QA/QC: NA

Sample Parameters: TCL VOCs

PURGE PARAMETERS

TIME	pH	TEMP (^{0}C)	COND. (mS/cm)	DISS. O_2 (mg/l)	TURB. (NTU)	Eh (mV)	Appearance
1110	7.15	14.4	1.51	12.18	24	---	Clear

Tolerance:	**0.1**	**---**	**3%**	**10%**	**10%**	**+ or - 10**	

Information: 0.17 gallons per foot in 2-inch diameter well
0.66 gallons per foot in 4-inch diameter well

Comments:

1. Iron bacteria was present on outfall and rocks.

ATTACHMENT C

ANALYTICAL DATA ASSESSMENT

ATTACHMENT C

ANALYTICAL DATA ASSESSMENT
ROUTINE MONITORING OF THE LOCKPORT CITY LANDFILL
LOCKPORT, NEW YORK

Five groundwater samples and one outfall sample were collected from the Lockport City Landfill, Lockport, New York, on October 4, 2005 and sent to Severn Trent Laboratories (Amherst, New York,) for analysis. All samples (plus one trip blank) were analyzed for Target Compound List (TCL) volatile organics following USEPA Contract Laboratory Program (CLP) Statement of Work (SOW) OLM04.2, as referenced in the NYSDEC Analytical Services Protocol (ASP), June 2000.

The data were reviewed from compliance with the referenced method and USEPA Region II CLP Organic Data Review, SOP No. HW-6, Rev. #12, March 2001. All samples were analyzed within the required holding times.

The percent difference between the initial calibration average relative response factors (RRFs) for acetone and 2-butanone and the RRFs in the continuing calibration standards were greater than 25%. In accordance with USEPA Region II validation guidelines, the results for acetone and 2-butanone were qualified 'J' (estimated concentration) or 'UJ' (not detected, quantitation limit is estimated) in all samples. All other quality control criteria specified in the referenced analytical method and validation guidelines were met.

The results for various compounds in the samples were qualified "J" by the laboratory indicating estimated concentrations detected below the quantitation limits. No other data qualifications were made, and all other data are usable as reported.