

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.

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 Tel: 716.856.5636 Fax: 716.856.2545 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.

					Detected	Levels					
Compound of	Action										
Interest	Level	Jun 97	Nov 97	Sep 98	Sep 99	Sep 00	Sep 01	Oct 02	Dec 03	Oct 04	Oct 05
	1	1			MW	-8D	I	1	1	I	I
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
		1		I	MW	-9I			I		I
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
					OUTFA	LL 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

TABLE 1SUMMARY OF SAMPLE RESULTS

Notes:

(1) Concentrations are in μ g/L.

(2) ND: Not Detected.

(3) 1,2-DCA = 1,2-Dichloroethene

(4) TCE = Trichloroethene

ATTACHMENT 1

LABORATORY RESULTS

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Client No.

Lab Name: <u>STL Buffalo</u> Contract:	VBLK73
Lab Code: <u>RECNY</u> Case No.: SAS No.:	SDG No.:
Matrix: (soil/water) <u>WATER</u>	Lab Sample ID: <u>A5B1554202</u>
Sample wt/vol: 5.00 (g/mL) <u>ML</u>	Lab File ID: <u>Q7952.RR</u>
Level: (low/med) <u>LOW</u>	Date Samp/Recv:
% Moisture: not dec Heated Purge: \underline{N}	Date Analyzed: <u>10/07/2005</u>
GC Column: <u>DB-624</u> ID: <u>0.25</u> (mm)	Dilution Factor: 1.00
Soil Extract Volume: (uL)	Soil Aliquot Volume: (uL)
CAS NO. COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u> Q
74-87-3Chloromethane 74-83-9Bromomethane	10 U 10 U

75-01-4-----Vinyl chloride

75-09-2-----Methylene chloride

75-35-4-----1,1-Dichloroethene

75-34-3-----1,1-Dichloroethane

107-06-2----1,2-Dichloroethane

71-55-6-----1,1,1-Trichloroethane

56-23-5-----Carbon Tetrachloride

75-27-4-----Bromodichloromethane

10061-01-5----cis-1,3-Dichloropropene

78-87-5----1,2-Dichloropropane

124-48-1----Dibromochloromethane

79-00-5-----1,1,2-Trichloroethane

108-10-1----4-Methyl-2-pentanone

127-18-4----Tetrachloroethene

10061-02-6---trans-1,3-Dichloropropene

79-34-5-----1,1,2,2-Tetrachloroethane

75-71-8-----Dichlorodifluoromethane

75-69-4----Trichlorofluoromethane

79-01-6----Trichloroethene

75-15-0-----Carbon Disulfide

75-00-3-----Chloroethane

67-66-3----Chloroform

78-93-3----2-Butanone

71-43-2----Benzene

108-88-3----Toluene

100-42-5----Styrene

75-25-2----Bromoform

591-78-6----2-Hexanone

108-90-7----Chlorobenzene

100-41-4----Ethylbenzene

1330-20-7----Total Xylenes

67-64-1----Acetone

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Client No.

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	VBLK73
Lab Name: <u>STL Buffalo</u> Contrac	t:
Lab Code: <u>RECNY</u> Case No.: SAS	No.: SDG No.:
Matrix: (soil/water) WATER	Lab Sample ID: <u>A5B1554202</u>
Sample wt/vol: (g/mL) ML	Lab File ID: <u>Q7952.RR</u>
Level: (low/med) LOW	Date Samp/Recv:
% Moisture: not dec Heated Purge:	<u>N</u> Date Analyzed: <u>10/07/2005</u>
GC Column: <u>DB-624</u> ID: <u>0.25</u> (mm)	Dilution Factor: <u>1.00</u>
Soil Extract Volume: (uL)	Soil Aliquot Volume: (uL)
CAS NO. COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u> Q

	CAS IN.	COMPOSIDE	(ug) 1 01 ug) 1		×
•	156-60-5 1634-04-4 156-59-2 110-82-7 108-87-2	-1,1,2-Trichloro-1,2,2-trifluo -trans-1,2-Dichloroethene -Methyl-t-Butyl Ether (MIBE) -cis-1,2-Dichloroethene -Cyclohexane -Methylcyclohexane -1,2-Dibromoethane	roethane	10 10 10 10 10 10 10 10 1 10	ש ש ש ש ש ש ש ש
	98-82-8 541-73-1 106-46-7 95-50-1 96-12-8 120-82-1	-1,2-Dibroncettalle -Isopropylbenzene -1,3-Dichlorobenzene -1,4-Dichlorobenzene -1,2-Dichlorobenzene -1,2,4-Trichlorobenzene -1,2,4-Trichlorobenzene -Methyl acetate		10 10 10 10 10 10 10 10	บ บ บ บ บ บ

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(Client	No.
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Lab Name: <u>STL Buffalo</u> Contract:		VBLK74
Lab Code: <u>RECNY</u> Case No.: SAS No.:	SDG No.:	
Matrix: (soil/water) <u>WATER</u>	Lab Sample ID:	<u>A5B1561502</u>
Sample wt/vol: (g/mL) ML	Lab File ID:	Q7964.RR
Level: (low/med) LOW	Date Samp/Recv:	
% Moisture: not dec Heated Purge: \underline{N}	Date Analyzed:	<u>10/09/2005</u>
GC Column: <u>DB-624</u> ID: <u>0.25</u> (mm)	Dilution Factor:	1.00
Soil Extract Volume: (uL)	Soil Aliquot Volu	.me: (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L_	Q
74-87-3	Chloromethane		10	U
74-83-9	Bromomethane		10	U
75-01-4	Vinyl chloride		10	U
	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	ប
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	υ
56-23-5	Carbon Tetrachloride		10	U
75-27-4	Bromodichloromethane		10	U
78-87-5	1,2-Dichloropropane		10	U
	cis-1,3-Dichloropropene		10	U
	Trichloroethene		10	U
124-48-1	Dibromochloromethane		10	U
79-00-5	1,1,2-Trichloroethane		10	U
71-43-2			10	ប
	trans-1,3-Dichloropropene		10	U
75-25-2			10	U
	4-Methyl-2-pentanone		10	U
591-78-6	* * -		10	U
	Tetrachloroethene		10	U
108-88-3			10	U
	1,1,2,2-Tetrachloroethane		10	υ
	Chlorobenzene		10	U
	Ethylbenzene		10	U
100-42-5			10	U
	Total Xylenes		10	U
	Dichlorodifluoromethane		10	U
	Trichlorofluoromethane		10	U
13-03-4				

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			Cli	ent No.
Lab Name: <u>STL Buffalo</u> Contract:		VBLK74		
Lab Code: <u>RECNY</u> Case No.: SAS No.:	SDG No.:			
Matrix: (soil/water) <u>WATER</u>	Lab Sample ID:	A5B1561	502	
Sample wt/vol: (g/mL) ML	Lab File ID:	Q7964.R	<u>R</u>	
Level: (low/med) LOW	Date Samp/Recv	7:		
% Moisture: not dec Heated Purge: \underline{N}	Date Analyzed:	10/09/20	005	
GC Column: <u>DB-624</u> ID: <u>0.25</u> (mm)	Dilution Facto	or: <u>1.0</u>	<u>0</u>	
Soil Extract Volume: (uL)	Soil Aliquot V	Volume:	(u	L)
CAS NO. COMPOUND	CONCENTRATION UNIT (ug/L or ug/Kg)		Q	
76-13-11,1,2-Trichloro-1,2,2-triflu 156-60-5trans-1,2-Dichloroethene 1634-04-4Methyl-t-Butyl Ether (MIBE) 156-59-2cis-1,2-Dichloroethene 110-82-7Cyclohexane 108-87-2Methylcyclohexane 106-93-41,2-Dibromoethane 98-82-8Isopropylbenzene		10 10 10 10 10 10 10 10	U U U U U U U U U U U U	

541-73-1----1,3-Dichlorobenzene

106-46-7----1,4-Dichlorobenzene

95-50-1-----1,2-Dichlorobenzene

79-20-9-----Methyl acetate

96-12-8-----1,2-Dibromo-3-chloropropane

120-82-1----1,2,4-Trichlorobenzene

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Client No.

Lab Name: <u>STL Buffalo</u> Contract:		LCL-3S-10/05
Lab Code: <u>RECNY</u> Case No.: SAS No.:	SDG No.:	
Matrix: (soil/water) <u>WATER</u>	Lab Sample ID:	A5B03101
Sample wt/vol: (g/mL) ML	Lab File ID:	Q7958.RR
Level: (low/med) <u>LOW</u>	Date Samp/Recv:	<u>10/04/2005</u> <u>10/04/2005</u>
% Moisture: not dec Heated Purge: \underline{N}	Date Analyzed:	10/07/2005
GC Column: <u>DB-624</u> ID: <u>0.25</u> (mm)	Dilution Factor:	1.00
Soil Extract Volume: (uL)	Soil Aliquot Volu	ume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) U 112/1

CAS NO.	COMPOUND	(ug/L or ug/Kg)	IS: <u>UG/L</u>	Q
74-87-3	Chloromethane		10	U
74-83-9	Bromomethane		10	υ
	Vinyl chloride		10	U
75-00-3	Chloroethane		10	U
75-09-2	Methylene chloride		10	U
67-64-1	Acetone		10	৮ ৩ন
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	৮৩ম
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
	1,1,2-Trichloroethane		10	U
71-43-2	Benzene		10	υ
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
	Tetrachloroethene		10	U
108-88-3	Toluene		10	U
	1,1,2,2-Tetrachloroethane		10	U
108-90-7	Chlorobenzene		10	UU
100-41-4	Ethylbenzene		10	UU
100-42-5	Styrene		10	
	Total Xylenes		10	U
75-71-8	Dichlorodifluoromethane			U
75-69-4	Trichlorofluoromethane		10	U
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Client No.

			LCL-3S-10/05
Lab Name: <u>STL Buffalo</u>	Contract:		LL-35-10/05
Lab Code: <u>RECNY</u> Case No.:	SAS No.:	SDG No.:	
Matrix: (soil/water) <u>WATER</u>		Lab Sample ID:	<u>A5B03101</u>
Sample wt/vol: (g/mL)	ML	Lab File ID:	Q7958.RR
Level: (low/med) <u>LOW</u>		Date Samp/Recv:	<u>10/04/2005</u> <u>10/04/2005</u>
% Moisture: not dec Heater	l Purge: <u>N</u>	Date Analyzed:	10/07/2005
GC Column: <u>DB-624</u> ID: <u>0.25</u> (1	m)	Dilution Factor:	1.00
Soil Extract Volume: (uL)		Soil Aliquot Vol	ume: (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/L</u>	Q
76-13-1	1,1,2-Trichloro-1,2	2,2-trifluoroethane	10	U
	trans-1,2-Dichloroe		10	U
	Methyl-t-Butyl Ethe		10	U
	cis-1,2-Dichloroeth		10	U
	Cyclohexane		10	U
	Methylcyclohexane		10	. U
	1,2-Dibromoethane		10	υ
98-82-8	Isopropylbenzene		10	U
	1,3-Dichlorobenzene	9	10	ט
106-46-7	1,4-Dichlorobenzene	9	10	U
	1,2-Dichlorobenzene		10	U
	1,2-Dibromo-3-chlor		10	ប
	1,2,4-Trichloroben:		10	U
	Methyl acetate		10	U

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Client No.

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Lab Name: <u>STL Buffalo</u> Contract:	LCL-6D-10/05
Lab Code: <u>RECNY</u> Case No.: SAS No.: _	SDG No.:
Matrix: (soil/water) <u>WATER</u>	Lab Sample ID: <u>A5B03102</u>
Sample wt/vol: (g/mL) ML	Lab File ID: Q7957.RR
Level: (low/med) LOW	Date Samp/Recv: <u>10/04/2005</u> <u>10/04/2005</u>
% Moisture: not dec Heated Purge: \underline{N}	Date Analyzed: <u>10/07/2005</u>
GC Column: <u>DB-624</u> ID: <u>0.25</u> (mm)	Dilution Factor: <u>1.00</u>
Soil Extract Volume: (uL)	Soil Aliquot Volume: (uL)

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

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
	Chloromethane		10	U
	Bromomethane		10	υ
	Vinyl chloride		10	υ
	Chloroethane		10	U
	Methylene chloride		10	U
67-64-1			2	3 1
	Carbon Disulfide		10	U
	1,1-Dichloroethene		10	U
	1,1-Dichloroethane		10	υ
	Chloroform		10	U
107-06-2	1,2-Dichloroethane		10	U
78-93-3	2-Butanone		10	দি এন
71-55-6	1,1,1-Trichloroethane		10	U
	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
	Trichloroethene		10	U
124-48-1	Dibromochloromethane		10	U
79-00-5	1,1,2-Trichloroethane		10	U
71-43-2			10	U
10061-02-6-	trans-1,3-Dichloropropene		10	U
	Bromoform		10	U
108-10-1	4-Methyl-2-pentanone		10	U
	2-Hexanone		10	U
	Tetrachloroethene		10	U
108-88-3			2	J
	1,1,2,2-Tetrachloroethane		10	U
	Chlorobenzene		10	U
	Ethylbenzene		10	U
	Styrene		10	Ū
	Total Xylenes		10	υ
	Dichlorodifluoromethane		10	U
	Trichlorofluoromethane		10	U
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FORM I - GC/MS VOA

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Client No.

Lab Name: <u>STL Buffalo</u>	Contract:		LCL-6D-10/05
Lab Code: <u>RECNY</u> Case No.	: SAS No.:	SDG No.:	
Matrix: (soil/water) <u>WATER</u>		Lab Sample ID:	A5B03102
Sample wt/vol:	(g/mL) <u>M</u> L	Lab File ID:	Q7957.RR
Level: (low/med) <u>LOW</u>		Date Samp/Recv:	<u>10/04/2005</u> <u>10/04/2005</u>
% Moisture: not dec.	Heated Purge: \underline{N}	Date Analyzed:	<u>10/07/2005</u>
GC Column: <u>DB-624</u> ID:	<u>0.25</u> (mm)	Dilution Factor:	1.00
Soil Extract Volume:	(uL)	Soil Aliquot Vol	ume: (uL)

CONCENTRATION UNITS: $(ug/L \text{ or } ug/Kq) \qquad UG/L \qquad 0$

CAS NO. COMPOUN	D	(ug/L or ug/K	g) <u>UG/L</u>	Q
76-13-11,1,2-T	richloro-1,2,2-tr	ifluoroethane	10	U
156-60-5trans-1	,2-Dichloroethene		10	U
1634-04-4Methyl-	t-Butyl Ether (MI	BE)	10	υ
156-59-2cis-1,2	-Dichloroethene		10	U
110-82-7Cyclohe	xane		10	U
108-87-2Methylc	yclohexane		10	U
106-93-41,2-Dib	romoethane		10	U
98-82-8Isoprop	ylbenzene		10	U
541-73-11,3-Dic	hlorobenzene		10	U
106-46-71,4-Dic	hlorobenzene		10	υ
95-50-11,2-Dic	hlorobenzene		10	U
96-12-81,2-Dib		ane	10	U
120-82-11,2,4-T			10	Ū
79-20-9Methyl			10	Ŭ

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Client No.

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					LCL-8D-10/05
Lab Name	: <u>STL Buffa</u>	alo	Contract:		
Lab Code	: <u>RECNY</u>	Case No.:	SAS No.:	SDG No.:	_
Matrix:	(soil/wate	r) <u>WATER</u>		Lab Sample ID:	<u>A5B03103</u>
Sample wt	t/vol:	<u>5.00</u> (g/mL)	ML	Lab File ID:	Q7956.RR
Level:	(low/med)	LOW		Date Samp/Recv:	<u>10/04/2005</u> <u>10/04/2005</u>
% Moistur	re: not dec	Heated	Purge: <u>N</u>	Date Analyzed:	<u>10/07/2005</u>
GC Column	n: <u>DB-624</u>	ID: <u>0.25</u> (m	m)	Dilution Factor	:1.00
Soil Extr	ract Volume	e: (uL)		Soil Aliquot Vo	lume: (uL)
r	CAS NO.	COMPOUND		CONCENTRATION UNITS (ug/L or ug/Kg)	· •
	74-87-3	Chloromethan	e		10 11

$74-87-3-\cdots$ Chloromethane 10 U $74-83-9-\cdots$ Bromomethane 10 U $75-01-4-\cdots$ Vinyl chloride 10 U $75-00-3-\cdots$ Chloroethane 10 U $75-00-3-\cdots$ Chloroethane 10 U $75-09-2-\cdots$ Methylene chloride 10 U $67-64-1-\cdots$ Acetone 10 U U $75-15-0-\cdots$ Carbon Disulfide 10 U U $75-35-4-\cdots$ 1,1-Dichloroethane 10 U U $75-35-3-\cdots$ 1,1-Dichloroethane 10 U U $76-66-3-\cdots$ 1,1-Drichloroethane 10 U U $76-55-3-\cdots$ 1,1-Trichloroethane 10 U U $76-23-5-\cdots$ Carbon Tetrachloride 10 U U U $75-27-4-\cdots$ Bromochichloropropane 10 U U U $79-01-6-\cdots$ Trichloroethane 10 U U U $79-01-6-\cdots$ Trichloroethane 10 U U U			
$74-83-9-\dots$ -Bronomethane 10 U $75-01-4-\dots$ -Vinyl chloride 10 U $75-00-3-\dots$ -Chloroethane 10 U $75-09-2-\dots$ -Methylene chloride 10 U $67-64-1-\dots$ -Acetone 10 U $75-35-4-\dots$ -1, 1-Dichloroethane 10 U $75-35-4-\dots$ -1, 1-Dichloroethane 10 U $75-34-3-\dots$ -1, 1-Dichloroethane 10 U $75-35-4-\dots$ -1, 1-Dichloroethane 10 U $75-35-4-\dots$ -1, 1-Dichloroethane 10 U $75-35-4-\dots$ -1, 1, 2-Dichloroethane 10 U $10^{-7}-66-3-\dots$ -2-Butanone 10 U $71-55-6-\dots$ -1, 1, 1-Trichloroethane 10 U $71-55-6-\dots$ -1, 1, 1-Trichloropethane 10 U $78-87-5-\dots$ -1, 2-Dichloropropene 10 U $78-87-5-\dots$ -1, 1, 2-Trichloroethane 10 U $79-00-6-\dots$ -Trichloroethane 10 U $79-00-6-\dots$ -Trichloroethane 10 U $79-00-6-\dots$ -Trichloroethane 10 U $1061-02-6-\dots$ -Trichloroethane 10 U $1061-02-6-\dots$ -Trichloroetha	74-87-3Chloromethane	10	TT
$75-01-4-\cdots$ Vinyl chloride 10 U $75-00-3-\cdots$ Chloroethane 10 U $75-09-2-\cdots$ Wethylene chloride 10 U $67-64-1-\cdots$ Acetone 10 U $75-15-0-\cdots$ Carbon Disulfide 10 U $75-35-4-\cdots-1, 1-Dichloroethene 10 U 75-35-4-\cdots-1, 1-Dichloroethane 10 U 75-35-4-\cdots-1, 1-Dichloroethane 10 U 75-35-4-\cdots-1, 1-Dichloroethane 10 U 75-35-4-\cdots-1, 2-Dichloroethane 10 U 107-06-2-\cdots-1, 2-Dichloroethane 10 U 71-55-6-\cdots-1, 1, 1-Trichloroethane 10 U 75-27-4-\cdots-Bromdichloromethane 10 U 75-27-4-\cdots-Bromdichloromethane 10 U 79-01-6-\cdots-Trichloroethane 10 U 79-01-6-\cdots-Trichloroethane 10 U 79-00-5-\cdots-1, 1, 2-Trichloroethane 10 U 1061-02-6-\cdots-Trischloroethane 10 U 10061-02-6-\cdots-Trischloroethane 10 U 10061-02-6-\cdots-Trischloroethane 10 U 108-104-Methyl-2-pentanone $	74-83-9Bromomethane		1- 1
$75-00-3-\dots$ -Chloroethane 10 U $75-09-2-\dots$ -Methylene chloride 10 U $67-64-1-\dots$ -Acetone 10 U $75-15-0-\dots$ -Carbon Disulfide 10 U $75-35-4-\dots$ -1, 1-Dichloroethene 10 U $75-35-4-\dots$ -1, 1-Dichloroethane 10 U $75-35-4-\dots$ -Chloroform 10 U $107-06-2-\dots$ -1, 2-Dichloroethane 10 U $107-06-2-\dots$ -1, 2-Dichloroethane 10 U $78-93-3-\dots$ -2-Butanone 10 U $107-06-2-\dots$ -1, 2-Dichloroethane 10 U $75-57-4-\dots$ -Bromodichloromethane 10 U $75-27-4-\dots$ -Bromodichloromethane 10 U $75-27-4-\dots$ -Bromodichloromethane 10 U $76-6-3-\dots$ -Trichloroethane 10 U $79-01-6-\dots$ -Trichloroethane 10 U $10061-01-5-\dots$ -Cis-1, 3-Dichloropropene 10 U $10061-02-6-\dots$ -Trichloroethane 10 U $79-00-5-\dots$ -Dibromochloromethane 10 U $108-10.1-\dots$ -A-Methyl-2-pentanone 10 U $108-10.1-\dots$ -A-Methyl-2-pene	75-01-4Vinyl chloride		
$75-09-2-\cdots$ -Methylene chloride 10 U $67-64-1-\cdots$ -Acetone 10 U $75-15-0-\cdots$ -Carbon Disulfide 10 U $75-35-4-\cdots$ -1, 1-Dichloroethene 10 U $75-34-3-\cdots$ -1, 1-Dichloroethane 10 U $75-34-3-\cdots$ -1, 1-Dichloroethane 10 U $75-33-3-\cdots$ -2.Butanone 10 U $107-06-2-\cdots$ -1, 2-Dichloroethane 10 U $107-06-2-\cdots$ -2.Butanone 10 U $71-55-6-\cdots$ -2.Butanone 10 U $75-27-4-\cdots$ -Bromodichloromethane 10 U $75-27-4-\cdots$ -Bromodichloromethane 10 U $75-27-4-\cdots$ -Bromodichloropropane 10 U $1061-01-5-\cdots$ -cis-1, 3-Dichloropropene 10 U $100-05-\cdots$ -Trichloroethane 10 U $124-48-1-\cdots$ -Dibromochloromethane 10 U $17-43-2-\cdots$ -Benzene 10 U $100-5-\cdots-1, 1, 2-Trichloroethane 10 U 100-5-\cdots-1, 1, 2-Trichloroethane 10 U 100-5-\cdots-1, 1, 2-Trichloroethane 10 U 100-5-\cdots-1, 1, 2-7-richloroethane$	75-00-3Chloroethane		
$67-64-1-\dots-Acetone$ 10 $U \cup 1$ $75-15-0-\dots-Carbon Disulfide$ 10 U $75-35-4-\dots-1, 1-Dichloroethene$ 10 U $75-34-3-\dots-1, 1-Dichloroethane$ 10 U $75-34-3-\dots-1, 1-Dichloroethane$ 10 U $67-66-3-\dots-Chloroform$ 10 U $107-06-2-\dots-1, 2-Dichloroethane$ 10 U $75-34-3-\dots-2$ -Butanone 10 U $76-63-\dots-2$ -1, 1-Trichloroethane 10 U $75-27-4-\dots-Bromodichloromethane$ 10 U $75-27-4-\dots-Bromodichloromethane$ 10 U $79-01-5-\dots-Cir, 1, 3-Dichloropropene 10 U 106-000-000-000-000-000-000-000-000-000-$	75-09-2Methylene chloride	1	1 -
75-15-0Carbon Disulfide 10 U $75-35-41, 1-Dichloroethene 10 U 75-34-31, 1-Dichloroethane 10 U 67-66-31, 2-Dichloroethane 10 U 107-06-21, 2-Dichloroethane 10 U 107-06-21, 2-Dichloroethane 10 U 17-55-61, 2-Dichloroethane 10 U 17-55-61, 1, 1-Trichloroethane 10 U 105-27-4Bromodichloromethane 10 U 106-10-5cis-1, 3-Dichloropropane 10 U 10061-01-5cis-1, 3-Dichloropropane 10 U 10061-01-5cis-1, 3-Dichloropropene 10 U 100-01-6Trichloroethane 10 U 100-01-6Trichloroethane 10 U 100-01-0Trichloroethane 10 U 100-01-0$	67-64-1Acetone		
75-35-41, $1-Dichloroethene$ 10 U $75-34-31$, $1-Dichloroethane$ 10 U $67-66-3Chloroform$ 10 U $107-06-21$, $2-Dichloroethane$ 10 U $78-93-32-Butanone$ 10 U $71-55-61$, $1, 1-Trichloroethane$ 10 U $75-27-42-Butanone$ 10 U $75-27-43rrondichloromethane$ 10 U $78-87-51$, $2-Dichloropropane$ 10 U $10061-01-5cis-1$, $3-Dichloropropane$ 10 U $10061-01-5ris-1$, $3-Dichloropropane$ 10 U $10061-02-6Trichloroethane$ 10 U $10061-02-6$			1 1
75-34-31, 1-Dichloroethane 10 U $67-66-3Chloroform$ 10 U $107-06-21, 2-Dichloroethane$ 10 U $78-93-32-Butanone$ 10 U $71-55-61, 1, 1-Trichloroethane$ 10 U $56-23-5Carbon Tetrachloride$ 10 U $75-27-4Bromodichloromethane$ 10 U $75-27-4Bromodichloropropane 10 U 106-10-5Carbon Tetrachloride 10 U 79-01-51, 2-Dichloropropane 10 U 106-10$	75-35-41,1-Dichloroethene		
67-66-3Chloroform 10 U $107-06-21, 2-Dichloroethane$ 10 U $71-55-62-Butanone$ 10 U $71-55-61, 1, 1-Trichloroethane$ 10 U $75-27-4Bromodichloromethane$ 10 U $78-87-51, 2-Dichloropropene$ 10 U $79-01-6Trichloroethene$ 10 U $124-48-1Dibromochloromethane 10 U 79-00-51, 1, 2-Trichloroethane 10 U 71-43-2Benzene 10 U 10061-02-6trans-1, 3-Dichloropropene 10 U 10061-02-6trans-1, 3-Dichloropropene 10 U 100-14-Methyl-2-pentanone 10 U 108-10-14-Methyl-2-pentanone 10 U 108-88-3Toluene 10 U U 79-34-51, 1, 2, 2-Tetrachloroethane $	75-34-31,1-Dichloroethane	10	1 -
$107-06-2-\dots-1, 2-\text{Dichloroethane}$ 10 U $78-93-3-\dots-2-Butanone$ 10 U $71-55-6-\dots-1, 1, 1-\text{Trichloroethane}$ 10 U $71-55-6-\dots-2-\text{Butanone}$ 10 U $75-27-4-\dots-Carbon$ Tetrachloride 10 U $75-27-4-\dots-Bromodichloromethane$ 10 U $78-87-5-\dots-1, 2-\text{Dichloropropane}$ 10 U $10061-01-5-\dots-cis-1, 3-\text{Dichloropropane}$ 10 U $100061-01-5-\dots-cis-1, 3-\text{Dichloropropane}$ 10 U $100061-01-5-\dots-cis-1, 3-\text{Dichloropropane}$ 10 U $100005-\dots-1, 1, 2-\text{Trichloroethane}$ 10 U $10005-0-\dots-1, 1, 2-\text{Trichloroethane}$ 10 U $100061-02-6-\dots-1, 1, 2-\text{Trichloroethane}$ 10 U $10061-02-6-\dots-1, 1, 3-\text{Dichloropropene}$ 10 U $10061-02-6-\dots-1, 1, 3-\text{Dichloropropene}$ 10 U $108-10-1-\dots-4-\text{Methyl}-2-\text{pentanone}$ 10 U $108-10-1-\dots-4-\text{Methyl}-2-\text{pentanone}$ 10 U $108-88-3-\dots-70$ 10 U U $108-90-7-\dots-6-\text{Lhorobenzene}$ 10 U U	67-66-3Chloroform	10	U I
78-93-32-Butanone 10 U U $71-55-61, 1, 1$ -Trichloroethane 10 U $56-23-5Carbon Tetrachloride 10 U 100 U U 78-93-31, 1, 1-Trichloroethane 10 U 100 U U U 78-93-5Bromodichloromethane 10 U 10001-01-5cis-1, 3-Dichloropropene 10 U 10001-01-5cis-1, 3-Dichloropropene 10 U 100-01-6Trichloroethane 10 U 100-01-6Trichloroethane 10 U 100-01-6Trichloroethane 10 U 100-01-0$	107-06-21,2-Dichloroethane	10	
71-55-61, 1, 1-Trichloroethane 10 U $56-23-5Carbon Tetrachloride$ 10 U $75-27-4Bromdichloromethane$ 10 U $78-87-51, 2-Dichloropropane$ 10 U $10061-01-5cis-1, 3-Dichloropropane$ 10 U $10061-01-5cis-1, 3-Dichloropropane$ 10 U $100061-01-5cis-1, 3-Dichloropropene$ 10 U $100-6Trichloroethane$ 10 U $100-6Trans-1, 3-Dichloropropene 10 U 100-6Trans-1, 3-Dichloropropene 10 U 108-10-14-Methyl-2-pentanone 10 U 108-10-14-Methyl-2-pentanone 10 U 108-8-3Toluene 10 U 108-8-3Toluene 10 U $		10	01
$75-27-4-\cdots$ Bromodichloromethane 10 U $78-87-5-\cdots$ $1,2$ -Dichloropropane 10 U $10061-01-5-\cdots$ $1,3$ -Dichloropropene 10 U $79-01-6-\cdots$ 10 rrichloroethene 10 U $124-48-1-\cdots$ 10 rrichloroethene 10 U $100-5-\cdots$ 10 rrichloroethane 10 U $124-48-1-\cdots$ 10 rrichloroethane 10 U $100-5-\cdots$ $11, 2$ -Trichloroethane 10 U $100-5-\cdots$ $11, 2$ -Trichloroethane 10 U $101-43-2-\cdots$ Benzene 10 U $100-5-5-2-\cdots$ Benzene 10 U $100-10-2-6-\cdots$ trans-1, 3-Dichloropropene 10 U $108-10-1-\cdots$ Bermonform 10 U $108-10-1-\cdots$ Bermonform 10 U $108-10-1-\cdots$ Hexanone 10 U $127-18-4-\cdots$ Tetrachloroethene 10 U $108-88-3-\cdots$ $11, 2, 2$ -Tetrachloroethane 10 U $108-90-7-\cdots$ $11, 2, 2$ -Tetrachloroethane </td <td>71-55-61,1,1-Trichloroethane</td> <td>10</td> <td>1 1</td>	71-55-61,1,1-Trichloroethane	10	1 1
78-87-51, 2-Dichloropropane 10 U $10061-01-5cis-1, 3-Dichloropropene$ 10 U $79-01-6Trichloroethene$ 10 U $124-48-1Dibromochloromethane$ 10 U $124-48-1Dibromochloromethane$ 10 U $100051, 1, 2-Trichloroethane$ 10 U $10061-02-6trans-1, 3-Dichloropropene$ 10 U $10061-02-6trans-1, 3-Dichloropropene 10 U 108-10-14-Methyl-2-pentanone 10 U 108-10-14-Methyl-2-pentanone 10 U 108-88-32-Hexanone 10 U U 108-88-3Toluene 10 U U 108-90-7$	56-23-5Carbon Tetrachloride	10	U
10061-01-5cis-1,3-Dichloropropene 10 U 79-01-6Trichloroethene 10 U 124-48-1Dibromochloromethane 10 U 79-00-51,1,2-Trichloroethane 10 U 79-00-5	75-27-4Bromodichloromethane	10	U
10061-01-5cis-1,3-Dichloropropene 10 U 79-01-6Trichloroethene 10 U 124-48-1Dibromochloromethane 10 U 79-00-51,1,2-Trichloroethane 10 U 79-00-5Benzene 10 U 10061-02-6Benzene 10 U 10061-02-6	78-87-51,2-Dichloropropane	10	υ
124-48-1Dibromochloromethane 10 U 79-00-51,1,2-Trichloroethane 10 U 10061-02-6Benzene 10 U 10061-02-6trans-1,3-Dichloropropene 10 U 108-10-1Bromoform 10 U 108-10-14-Methyl-2-pentanone 10 U 108-10-14-Methyl-2-pentanone 10 U 109-178-62-Hexanone 10 U 108-88-3Tetrachloroethene 10 U 108-88-3Toluene 10 U 108-90-7Chlorobenzene 10 U 100-41-4	10061-01-5cis-1,3-Dichloropropene	10	U
79-00-51,1,2-Trichloroethane 10 U 71-43-2Benzene 10 U 10061-02-6trans-1,3-Dichloropropene 10 U 75-25-2Bromoform 10 U 108-10-14-Methyl-2-pentanone 10 U 591-78-62-Hexanone 10 U 107-18-4Tetrachloroethene 10 U 108-88-3Toluene 10 U 108-90-7Chlorobenzene 10 U 100-41-4Ethylbenzene 10 U 100-42-5Styrene 10 U 100-42-5Total Xylenes 10 U 1030-20-7Dichlorodifluoromethane 10 U		10	υ
71-43-2Benzene 10 U 10061-02-6trans-1, 3-Dichloropropene 10 U 75-25-2Bromoform 10 U 108-10-14-Methyl-2-pentanone 10 U 591-78-62-Hexanone 10 U 127-18-4Tetrachloroethene 10 U 108-88-3Toluene 10 U 108-90-7Chlorobenzene 10 U 100-41-4Ethylbenzene 10 U 100-42-5Styrene 10 U 130-20-7Total Xylenes 10 U 130-20-7Dichlorodifluoromethane 10 U		10	υ
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75-25-2Bromoform 10 U 108-10-14-Methyl-2-pentanone 10 U 591-78-62-Hexanone 10 U 127-18-4Tetrachloroethene 10 U 108-88-3Toluene 10 U 108-90-7Chlorobenzene 10 U 100-41-4Ethylbenzene 10 U 100-42-5Styrene 10 U 100-42-5Total Xylenes 10 U 1030-20-7Dichlorodifluoromethane 10 U		10	U
108-10-14-Methyl-2-pentanone 10 U 591-78-62-Hexanone 10 U 127-18-4Tetrachloroethene 10 U 108-88-3Toluene 10 U 108-90-7Chlorobenzene 10 U 100-41-4Ethylbenzene 10 U 100-42-5Styrene 10 U 100-42-5Total Xylenes 10 U 1030-20-7Dichlorodifluoromethane 10 U	10061-02-6trans-1,3-Dichloropropene	10	U
591-78-62-Hexanone 10 U 127-18-4Tetrachloroethene 10 U 108-88-3Toluene 10 U 79-34-5Toluene 10 U 108-90-7Chlorobenzene 10 U 100-41-4Ethylbenzene 10 U 100-42-5Styrene 10 U 1330-20-7Total Xylenes 10 U 75-71-8Dichlorodifluoromethane 10 U		10	υ
591-78-62-Hexanone 10 U 127-18-4Tetrachloroethene 10 U 108-88-3Toluene 10 U 79-34-5Toluene 10 U 108-90-7Chlorobenzene 10 U 100-41-4Ethylbenzene 10 U 100-42-5Styrene 10 U 1330-20-7Total Xylenes 10 U 75-71-8Dichlorodifluoromethane 10 U	108-10-14-Methyl-2-pentanone	10	U
108-88-3Toluene 10 U 79-34-51,1,2,2-Tetrachloroethane 10 U 108-90-7Chlorobenzene 10 U 100-41-4Ethylbenzene 10 U 100-42-5Styrene 10 U 1330-20-7Total Xylenes 10 U 75-71-8Dichlorodifluoromethane 10 U	591-78-62-Hexanone	10	U
79-34-51,1,2,2-Tetrachloroethane 10 U 108-90-7Chlorobenzene 10 U 100-41-4Ethylbenzene 10 U 100-42-5Styrene 10 U 1330-20-7Total Xylenes 10 U 75-71-8Dichlorodifluoromethane 10 U		10	U
108-90-7Chlorobenzene 10 U 100-41-4Ethylbenzene 10 U 100-42-5Styrene 10 U 1330-20-7Total Xylenes 10 U 75-71-8Dichlorodifluoromethane 10 U		10	U
100-41-4Ethylbenzene 10 U 100-42-5Styrene 10 U 1330-20-7Total Xylenes 10 U 75-71-8Dichlorodifluoromethane 10 U		10	U
100-42-5Styrene 10 U 1330-20-7Total Xylenes 10 U 75-71-8Dichlorodifluoromethane 10 U		10	U
1330-20-7Total Xylenes 10 U 75-71-8Dichlorodifluoromethane 10 U		10	U
75-71-8Dichlorodifluoromethane 10 U	100-42-5Styrene	10	U U
75-71-8Dichlorodifluoromethane 10 U	1330-20-7Total Xylenes	10	U
		10	υ
	75-69-4Trichlorofluoromethane	10	U

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Client No.

Lab Name: <u>STL Buffalo</u>	Contract:		LCL-8D-10/05
Lab Code: <u>RECNY</u> Case No.:	SAS No.:	SDG No.:	
Matrix: (soil/water) <u>WATER</u>		Lab Sample ID:	<u>A5B03103</u>
Sample wt/vol: _5.00 (g/mL)	ML	Lab File ID:	Q7956.RR
Level: (low/med) <u>LOW</u>		Date Samp/Recv:	10/04/2005 10/04/2005
% Moisture: not dec Heater	l Purge: <u>N</u>	Date Analyzed:	10/07/2005
GC Column: <u>DB-624</u> ID: <u>0.25</u> (r	m)	Dilution Factor:	1.00
Soil Extract Volume: (uL)		Soil Aliquot Vol	ume: (uL)

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

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/L</u>	Q
76-13-1	1,1,2-Trichloro-1,2,2-trifluoro	ethane	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
	1,2,4-Trichlorobenzene		10	υ
79-20-9	Methyl acetate		10	U
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Client No.

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17/05/

	LCL-9I-10/05
Lab Name:STL BuffaloContract:	
Lab Code: <u>RECNY</u> Case No.: SAS No	.: SDG No.:
Matrix: (soil/water) <u>WATER</u>	Lab Sample ID: <u>A5B03105</u>
Sample wt/vol: 5.00 (g/mL) ML	Lab File ID: <u>Q7965.RR</u>
Level: (low/med) LOW	Date Samp/Recv: <u>10/04/2005</u> <u>10/04/2005</u>
% Moisture: not dec Heated Purge: <u>N</u>	Date Analyzed: <u>10/09/2005</u>
GC Column: <u>DB-624</u> ID: <u>0.25</u> (mm)	Dilution Factor:1.00
Soil Extract Volume: (uL)	Soil Aliquot Volume: (uL)

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

CAS NO.	COMPOUND	(ug/L or ug/Kg)		Q
74-87-3	Chloromethane		10	U
74-83-9	Bromomethane		10	U
75-01-4	Vinyl chloride		10	υ
	Chloroethane		10	U
75-09-2	Methylene chloride		10	U
67-64-1	Acetone		10	দি টি
	Carbon Disulfide		10	U
75-35-4	1,1-Dichloroethene		10	U
	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	せいゴ
71-55-6	1,1,1-Trichloroethane		10	U
	Carbon Tetrachloride		10	U
75-27-4	Bromodichloromethane		10	U
78-87-5	1,2-Dichloropropane		10	U
	cis-1,3-Dichloropropene		10	U
	Trichloroethene		10	U
	Dibromochloromethane		10	U
	1,1,2-Trichloroethane		10	U
	Benzene		10	U
	trans-1,3-Dichloropropene		10	U
	Bromoform		10	U
	4-Methyl-2-pentanone		10	U
	2-Hexanone		10	Ū
	Tetrachloroethene		10	U
	Toluene		10	U
	1,1,2,2-Tetrachloroethane		10	Ū
	Chlorobenzene		10	U
	Ethylbenzene		10	U
	Styrene		10	υ
	Total Xylenes		10	U
	Dichlorodifluoromethane		10	U
	Trichlorofluoromethane		10	U
15-09-4			TO	

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Client No.

Ish Name	· CTT. Duffala	<u>(</u> ~	ntract:			LCL-9I-1	0/05	
LaD Maile	: <u>SIL BULIAIO</u>	ω.						
Lab Code	: <u>RECNY</u> Cas	se No.:	SAS No.:	SDG No.:				
Matrix:	(soil/water) <u>W</u>	ATER		Lab Sample	ID:	A5B03105	_	
Sample w	t/vol: _	<u>5.00</u> (g/mL) <u>ML</u>		Lab File I	D:	Q7965.RR		
Level:	(low/med) <u>I</u>	<u>.CW</u>		Date Samp/	Recv:	10/04/200	<u>5 10/0</u>	4/2005
% Moistu	re: not dec	Heated P	urge: <u>N</u>	Date Analy	zed:	10/09/200	5	
GC Colum	n: <u>DB-624</u>	ID: <u>0.25</u> (mm)		Dilution F	actor:	1.00		
Soil Extr	ract Volume: _	(uL)		Soil Aliqu	ot Volu	me:	(u	L)
			(ONCENTRATION	INTTS			
	CAS NO.	COMPOUND	Ň	(ug/L or ug/K		<u>G/L</u>	Q	
		-1,1,2-Trichlor -trans-1,2-Dich	o-1,2,2-trifluo lorcethene	roethane			ប ប	

1634-04-4----Methyl-t-Butyl Ether (MIBE)

96-12-8-----1,2-Dibromo-3-chloropropane

120-82-1-----1,2,4-Trichlorobenzene

156-59-2----cis-1,2-Dichloroethene

110-82-7----Cyclohexane

108-87-2----Methylcyclohexane

98-82-8-----Isopropylbenzene

79-20-9-----Methyl acetate

106-93-4-----1,2-Dibromoethane

541-73-1----1, 3-Dichlorobenzene

106-46-7----1,4-Dichlorobenzene

95-50-1-----1,2-Dichlorobenzene

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Client No.

11/2/05/2

Lab Name CTT Duffale Centre et	LCL-9S-10/05
Lab Name: STL Buffalo Contract:	
Lab Code: <u>RECNY</u> Case No.: SAS No.:	SDG No.:
Matrix: (soil/water) <u>WATER</u>	Lab Sample ID: <u>A5B03104</u>
Sample wt/vol: 5.00 (g/mL) ML	Lab File ID: <u>Q7955.RR</u>
Level: (low/med) <u>LOW</u>	Date Samp/Recv: <u>10/04/2005</u> <u>10/04/2005</u>
Moisture: not dec Heated Purge: <u>N</u>	Date Analyzed: <u>10/07/2005</u>
GC Column: <u>DB-624</u> ID: <u>0.25</u> (mm)	Dilution Factor:1.00
Soil Extract Volume: (uL)	Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND		(ug/L or ug/Kg)	<u>UG/L</u>	Q		
74-87-3	Chloromethane		10	U		
74-83-9	Bromomethane		10	U		
75-01-4	Vinyl chloride		10	υ		
	Chloroethane		10	U		
75-09-2	Methylene chloride		10	U _		
67-64-1			10	y UT		
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		
	2-Butanone		10	র পি এর		
71-55-6	1,1,1-Trichloroethane		10	U		
	Carbon Tetrachloride		10	U		
	Bromodichloromethane		10	U		
78-87-5	1,2-Dichloropropane		10	U		
10061-01-5-	cis-1,3-Dichloropropene		10	U		
	Trichloroethene		10	U		
124-48-1	Dibromochloromethane		10	U		
	1,1,2-Trichloroethane		10	U		
71-43-2			10	U		
10061-02-6-	trans-1,3-Dichloropropene		10	U		
	Bromoform		10	U		
108-10-1	4-Methyl-2-pentanone		10	U		
	2-Hexanone		10	U		
	Tetrachloroethene		10	U		
108-88-3			10	U		
	1,1,2,2-Tetrachloroethane		10	U		
108-90-7	Chlorobenzene		10	U		
	Ethylbenzene		10	Ū		
	Styrene		10	Ū		
	Total Xylenes		10	U		
	Dichlorodifluoromethane		10	Ū		
	Trichlorofluoromethane		10	U		
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Client No.

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Lab Name: STL Buffalo Contract:		LCL-9S-10/05
Lab Code: <u>RECNY</u> Case No.: SAS No.:	SDG No.:	
Matrix: (soil/water) <u>WATER</u>	Lab Sample ID:	<u>A5B03104</u>
Sample wt/vol: 5.00 (g/mL) <u>ML</u>	Lab File ID:	Q7955.RR
Level: (low/med) LOW	Date Samp/Recv:	<u>10/04/2005</u> <u>10/04/2005</u>
% Moisture: not dec Heated Purge: N	Date Analyzed:	<u>10/07/2005</u>
GC Column: <u>DB-624</u> ID: <u>0.25</u> (mm)	Dilution Factor:	1.00
Soil Extract Volume: (uL)	Soil Aliquot Vol	ume: (uL)

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

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/L</u>	Q
76-13-1	1,1,2-Trichloro-1,2,2	-trifluoroethane	10	U
156-60-5	trans-1,2-Dichloroeth	lene	10	U
1634-04-4-	Methyl-t-Butyl Ether	(MIBE)	10	U
	cis-1,2-Dichloroethen		10	U
	Cyclohexane		10	U
	Methylcyclohexane		10	U
	1,2-Dibromoethane		10	U
	Isopropylbenzene		10	U
	1,3-Dichlorobenzene		10	U
	1,4-Dichlorobenzene		10	U
	1,2-Dichlorobenzene		10	U
	1,2-Dibromo-3-chlorop	propane	10	U
	1,2,4-Trichlorobenzer		10	U
	Methyl acetate		10	ប

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Client No.

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		LCL-L2-10/05				
Lab Name: <u>SIL Buffalo</u> Co	ontract:		LJ			
Lab Code: <u>RECNY</u> Case No.:	SAS No.:	SDG No.:				
Matrix: (soil/water) <u>WATER</u>		Lab Sample ID:	<u>A5B03106</u>			
Sample wt/vol: 5.00 (g/mL) M	<u>Ľ</u>	Lab File ID:	Q7954.RR			
Level: (low/med) LOW		Date Samp/Recv:	10/04/2005 10/04/2005			
% Moisture: not dec Heated 1	Purge: <u>N</u>	Date Analyzed:	10/07/2005			
GC Column: <u>DB-624</u> ID: <u>0.25</u> (mm))	Dilution Factor:	1.00			
Soil Extract Volume: (uL)		Soil Aliquot Volu	ume: (uL)			

CONCENTRATION UNITS: (ug/L or ug/Kg) U $\frac{1}{1}$

74-87-3Chloromethane 10 U 74-83-9Bromomethane 10 U 75-01-4Vinyl chloride 10 U 75-00-3Chloroethane 10 U 75-09-2Methylene chloride 10 U 67-64-1Acetone 2 J 75-15-0Carbon Disulfide 10 U 75-35-4Carbon Disulfide 10 U 75-37-4	CAS NO.	COMPOUND	(ug/L or ug/Kg)		Q		
$75-01-4-\cdots$ -Vinyl chloride 10 U $75-00-3-\cdots$ -Chloroethane 10 U $75-09-2-\cdots$ -Methylene chloride 10 U $75-15-0-\cdots$ -Carbon Disulfide 10 U $75-15-0-\cdots$ -Carbon Disulfide 10 U $75-35-4-\cdots-1, 1-Dichloroethane 10 U 75-36-\cdots-1, 2-Dichloroethane 10 U 107-06-2-\cdots-1, 2-Dichloroethane 10 U 75-27-4-\cdots-Bromdichloromethane 10 U 75-27-4-\cdots-Bromdichloromethane 10 U 75-27-4-\cdots-Bromdichloropropane 10 U 10061-01-5-\cdots-cis-1, 3-Dichloropropene 10 U 79-00-5-\cdots-1, 1, 2-Trichloroethane 10 U 79-00-5-\cdots-1, 1, 3-Dichloropropene 10 U 10061-02-6-\cdots-trans-1, 3-Dichloropropene 10 U 10061-02-6-\cdots-trans-1, 3-Dichloropropene 10 U 10061-02-6-\cdots-trans-1, 3-Dichloropropene 10 U <$				10	U		
$75-00-3-\cdots$ Chloroethane 10 U $75-09-2-\cdots$ Wethylene chloride 10 U $67-64-1-\cdots$ Action Disulfide 10 U $75-15-0-\cdots$ Carbon Disulfide 10 U $75-35-4-\cdots$ 1,1-Dichloroethene 10 U $75-35-4-\cdots$ 1,2-Dichloroethane 10 U $75-34-3-\cdots$ 1,2-Dichloroethane 10 U $75-66-3-\cdots$ 1,2-Dichloroethane 10 U $78-93-3-\cdots$ 2-Butanone 10 U $78-93-3-\cdots$ 2-Butanone 10 U $75-27-4-\cdots$ 1,1-Trichloroethane 10 U $75-27-4-\cdots$ Bromodichloromethane 10 U $79-01-6-\cdots$ Trichloroethane 10 U $79-00-5-\cdots$ 1,3-Dichloropropane 10 U $106-10-1-5-\cdots$ 1,2-Trichloroethane 10 U $79-00-5-\cdots$ 1,3-Dichloropropene 10 U $108-10-1-\cdots$ Herthyl-2-pentanone 10 U $108-10-1-\cdots$ Herthyl-2-pentanone 10	74-83-9	Bromomethane		10	U		
75-09-2Wethylene chloride 10 U 67-64-1Acetone 2 J 75-15-0Carbon Disulfide 10 U 75-35-4Carbon Disulfide 10 U 75-34-3Carbon Disulfide 10 U 07-66-3Chloroform 10 U 107-06-2	75-01-4	Vinyl chloride		10	U		
$67-64-1-\dots$ -Acetone 2 $3-3$ $75-15-0-\dots$ -Carbon Disulfide 10 U $75-35-4-\dots$ -1, 1-Dichloroethane 10 U $75-34-3-\dots$ -1, 1-Dichloroethane 10 U $67-66-3-\dots$ -Chloroform 10 U $107-06-2-\dots$ -2-Butanone 10 U $78-33-3-\dots$ -2-Butanone 10 U $78-93-3-\dots$ -2-Butanone 10 U $78-55-6-\dots$ -1, 1, 1-Trichloroethane 10 U $75-27-4-\dots$ -Bromdichloromethane 10 U $78-93-3-\dots$ -1, 2-Dichloropropene 10 U $79-01-6-\dots$ -Cirs-1, 3-Dichloropropene 10 U $79-01-6-\dots$ -Trichloroethane 10 U $10061-01-5-\dots$ -cis-1, 3-Dichloropropene 10 U $124-48-1-\dots$ -Dibromochloromethane 10 U $10061-02-6-\dots$ -Trichloropthane 10 U $10061-02-6-\dots$ -trans-1, 3-Dichloropropene 10 U $100-1-\dots$ -4-Methyl-2-pentanone 10 U $108-86-3-\dots$ -Toluene 10 U U $108-86-3-\dots$ -Toluene 10 U U 108	75-00-3	Chloroethane		10	U		
$67-64-1-\dots$ -Acetone 2 $3-3$ $75-15-0-\dots$ -Carbon Disulfide 10 U $75-35-4-\dots$ -1, 1-Dichloroethane 10 U $75-34-3-\dots$ -1, 1-Dichloroethane 10 U $67-66-3-\dots$ -Chloroform 10 U $107-06-2-\dots$ -2-Butanone 10 U $78-33-3-\dots$ -2-Butanone 10 U $78-93-3-\dots$ -2-Butanone 10 U $78-55-6-\dots$ -1, 1, 1-Trichloroethane 10 U $75-27-4-\dots$ -Bromdichloromethane 10 U $78-93-3-\dots$ -1, 2-Dichloropropene 10 U $79-01-6-\dots$ -Cirs-1, 3-Dichloropropene 10 U $79-01-6-\dots$ -Trichloroethane 10 U $10061-01-5-\dots$ -cis-1, 3-Dichloropropene 10 U $124-48-1-\dots$ -Dibromochloromethane 10 U $10061-02-6-\dots$ -Trichloropthane 10 U $10061-02-6-\dots$ -trans-1, 3-Dichloropropene 10 U $100-1-\dots$ -4-Methyl-2-pentanone 10 U $108-86-3-\dots$ -Toluene 10 U U $108-86-3-\dots$ -Toluene 10 U U 108	75-09-2	Methylene chloride		10			
75-35-41, 1-Dichloroethene 10 U 75-34-31, 1-Dichloroethane 10 U 75-34-31, 1-Dichloroethane 10 U 107-06-21, 2-Dichloroethane 10 U 107-06-21, 2-Dichloroethane 10 U 17-55-61, 1, 1-Trichloroethane 10 U 17-55-61, 1, 1-Trichloroethane 10 U 105-23-5Carbon Tetrachloride 10 U 106-23-5	67-64-1	Acetone		2	J .T		
75-34-31, 1-Dichloroethane 10 U 67-66-3Chloroform 10 U 107-06-21, 2-Dichloroethane 10 U 78-93-32-Butanone 10 U 71-55-61, 1, 1-Trichloroethane 10 U 75-27-4Bromodichloromethane 10 U 78-87-51, 2-Dichloropropane 10 U 78-87-5	75-15-0	Carbon Disulfide		10	υ		
67-66-3Chloroform 10 U 107-06-21,2-Dichloroethane 10 U 78-93-32-Butanone 10 U 71-55-61,1,1-Trichloroethane 10 U 56-23-5Carbon Tetrachloride 10 U 56-23-5Carbon Tetrachloride 10 U 75-27-4Bromdichloromethane 10 U 78-87-51,2-Dichloropropane 10 U 10061-01-5cis-1,3-Dichloropropene 10 U 124-48-1Dibromochloromethane 10 U 124-48-1Benzene 10 U 10061-02-6trans-1,3-Dichloropropene 10 U 10061-02-6trans-1,3-Dichloropropene 10 U 10061-02-6trans-1,3-Dichloropropene 10 U 100-100-100	75-35-4	1,1-Dichloroethene		10	U		
107-06-21,2-Dichloroethane 10 U 78-93-32-Butanone 10 U 71-55-61,1,1-Trichloroethane 10 U 56-23-5Carbon Tetrachloride 10 U 75-27-4Bromodichloromethane 10 U 78-93-3Carbon Tetrachloride 10 U 75-27-4Bromodichloromethane 10 U 78-97-51,2-Dichloropropane 10 U 10061-01-5cis-1,3-Dichloropropene 10 U 10061-01-5Dibromochloromethane 10 U 124-48-1Dibromochloromethane 10 U 17-43-2Benzene 10 U 10061-02-6trans-1,3-Dichloropropene 10 U 101061-02-6trans-1,3-Dichloropropene 10 U 102-2-8Benzene 10 U 103-10-14-Methyl-2-pentanone 10 U 107-18-4Tetrachloroethene 10 U 108-88-3	75-34-3	1,1-Dichloroethane		10	U		
78-93-32-Butanone 10 U 71-55-61,1,1-Trichloroethane 10 U 56-23-5Carbon Tetrachloride 10 U 78-87-5Carbon Tetrachloride 10 U 78-87-5Bromodichloromethane 10 U 78-87-5Bromodichloromethane 10 U 10061-01-5Bromodichloromethane 10 U 10061-01-5	67-66-3	Chloroform		10	U		
71-55-61,1,1-Trichloroethane 10 U 56-23-5Carbon Tetrachloride 10 U 75-27-4Bromodichloromethane 10 U 78-87-51,2-Dichloropropane 10 U 10061-01-5cis-1,3-Dichloropropene 10 U 10061-01-5cis-1,3-Dichloropropene 10 U 124-48-1Dibromochloromethane 10 U 124-48-1Dibromochloromethane 10 U 124-48-1Dibromochloromethane 10 U 124-48-1	107-06-2	1,2-Dichloroethane		10			
56-23-5Carbon Tetrachloride 10 U 75-27-4Bromodichloromethane 10 U 78-87-51,2-Dichloropropane 10 U 10061-01-5cis-1,3-Dichloropropene 10 U 100061-01-5cis-1,3-Dichloropropene 10 U 124-48-1Dibromochloromethane 10 U 124-48-1Dibromochloromethane 10 U 100 U U U 104-48-1Dibromochloromethane 10 U 107-00-51,1,2-Trichloroethane 10 U 1001001-02-6trans-1,3-Dichloropropene 10 U 107-25-2Bromoform 10 U 108-10-14-Methyl-2-pentanone 10 U 108-10-14-Methyl-2-pentanone 10 U 107-18-4Tetrachloroethene 10 U 108-88-3Toluene 10 U 108-90-7Chlorobenzene 10 U 100-41-4Ethylbenzene 10 U 100-42-5Styrene 10 U 1030-20-7Total Xylenes 10 U				10	50 8		
56-23-5Carbon Tetrachloride 10 U 75-27-4Bromodichloromethane 10 U 78-87-51,2-Dichloropropane 10 U 10061-01-5cis-1,3-Dichloropropene 10 U 100061-01-5cis-1,3-Dichloropropene 10 U 124-48-1Dibromochloromethane 10 U 124-48-1Dibromochloromethane 10 U 100 U U U 104-48-1Dibromochloromethane 10 U 107-00-51,1,2-Trichloroethane 10 U 1001001-02-6trans-1,3-Dichloropropene 10 U 107-25-2Bromoform 10 U 108-10-14-Methyl-2-pentanone 10 U 108-10-14-Methyl-2-pentanone 10 U 107-18-4Tetrachloroethene 10 U 108-88-3Toluene 10 U 108-90-7Chlorobenzene 10 U 100-41-4Ethylbenzene 10 U 100-42-5Styrene 10 U 1030-20-7Total Xylenes 10 U	71-55-6	1,1,1-Trichloroethane		10	ប		
78-87-51,2-Dichloropropane 10 U 10061-01-5cis-1,3-Dichloropropene 10 U 79-01-6Trichloroethene 10 U 124-48-1Dibromochloromethane 10 U 179-00-51,1,2-Trichloroethane 10 U 17-43-2Benzene 10 U 10061-02-6trans-1,3-Dichloropropene 10 U 107-25-2Benzene 10 U 108-10-14-Methyl-2-pentanone 10 U 107-18-4Tetrachloroethene 10 U 108-88-3Toluene 10 U 108-90-7Chlorobenzene 10 U 100-41-4Ethylbenzene 10 U 100-42-5Styrene 10 U 1030-20-7Total Xylenes 10 U				10	U		
10061-01-5cis-1, 3-Dichloropropene 10 U 79-01-6Trichloroethene 10 U 124-48-1Dibromochloromethane 10 U 79-00-51, 1, 2-Trichloroethane 10 U 71-43-2Benzene 10 U 10061-02-6trans-1, 3-Dichloropropene 10 U 10061-02-6trans-1, 3-Dichloropropene 10 U 1075-25-2Bromoform 10 U 108-10-14-Methyl-2-pentanone 10 U 108-10-14-Methyl-2-pentanone 10 U 107-18-4Tetrachloroethene 10 U 108-88-3Toluene 10 U 108-90-7Chlorobenzene 10 U 108-90-7Styrene 10 U 100-42-5	75-27-4	Bromodichloromethane		10	ប		
79-01-6Trichloroethene 10 U 124-48-1Dibromochloromethane 10 U 79-00-51,1,2-Trichloroethane 10 U 71-43-2Benzene 10 U 10061-02-6trans-1,3-Dichloropropene 10 U 108-10-1Benzene 10 U 108-10-1Bromoform 10 U 108-10-1Bromoform 10 U 108-10-1Bromoform 10 U 108-10-1Bromoform 10 U 108-10-1	78-87-5	1,2-Dichloropropane		10	U		
124-48-1Dibromochloromethane 10 U 79-00-51,1,2-Trichloroethane 10 U 71-43-2Benzene 10 U 10061-02-6trans-1,3-Dichloropropene 10 U 108-10-1Benzene 10 U 108-10-1Bromoform 10 U 108-10-1Bromoform 10 U 108-10-1	10061-01-5-	cis-1,3-Dichloropropene		10	U		
79-00-51,1,2-Trichloroethane 10 U 71-43-2Benzene 10 U 10061-02-6trans-1,3-Dichloropropene 10 U 1075-25-2Bromoform 10 U 108-10-14-Methyl-2-pentanone 10 U 1091-78-62-Hexanone 10 U 107-18-4Tetrachloroethene 10 U 108-88-3Toluene 10 U 108-90-7Chlorobenzene 10 U 100-41-4Ethylbenzene 10 U 100-42-5Styrene 10 U 1030-20-7Total Xylenes 10 U 1030-20-7Dichlorodifluoromethane 10 U	79-01-6	Trichloroethene		10	U		
71-43-2Benzene 10 U 10061-02-6trans-1,3-Dichloropropene 10 U 75-25-2Bromoform 10 U 108-10-14-Methyl-2-pentanone 10 U 591-78-62-Hexanone 10 U 127-18-4Tetrachloroethene 10 U 108-88-3Toluene 10 U 108-90-7Chlorobenzene 10 U 100-41-4Ethylbenzene 10 U 100-42-5Styrene 10 U 1030-20-7Total Xylenes 10 U 1030-20-7Dichlorodifluoromethane 10 U	124-48-1	Dibromochloromethane		10	U		
10061-02-6trans-1,3-Dichloropropene 10 U 75-25-2Bromoform 10 U 108-10-14-Methyl-2-pentanone 10 U 591-78-62-Hexanone 10 U 127-18-4Tetrachloroethene 10 U 108-88-3Toluene 10 U 108-90-7Chlorobenzene 10 U 108-90-7	79-00-5	1,1,2-Trichloroethane		10	U		
75-25-2Bromoform 10 U 108-10-14-Methyl-2-pentanone 10 U 591-78-62-Hexanone 10 U 127-18-4Tetrachloroethene 10 U 108-88-3Toluene 10 U 109-34-5Toluene 10 U 108-90-7Chlorobenzene 10 U 100-41-4Ethylbenzene 10 U 100-42-5Styrene 10 U 1330-20-7Total Xylenes 10 U 107-71-8Dichlorodifluoromethane 10 U				10	U		
75-25-2Bromoform 10 U 108-10-14-Methyl-2-pentanone 10 U 591-78-62-Hexanone 10 U 127-18-4Tetrachloroethene 10 U 108-88-3Toluene 10 U 109-34-51,1,2,2-Tetrachloroethane 10 U 108-90-7Chlorobenzene 10 U 100-41-4Ethylbenzene 10 U 100-42-5Styrene 10 U 1330-20-7Total Xylenes 10 U 175-71-8Dichlorodifluoromethane 10 U	10061-02-6-	trans-1,3-Dichloropropene		10	U		
591-78-62-Hexanone 10 U 127-18-4Tetrachloroethene 10 U 108-88-3Toluene 10 U 109-34-5Toluene 10 U 108-90-7Chlorobenzene 10 U 100-41-4Ethylbenzene 10 U 100-42-5Styrene 10 U 1330-20-7Total Xylenes 10 U 75-71-8Dichlorodifluoromethane 10 U				10	U		
591-78-62-Hexanone 10 U 127-18-4Tetrachloroethene 10 U 108-88-3Toluene 10 U 79-34-51,1,2,2-Tetrachloroethane 10 U 108-90-7Chlorobenzene 10 U 100-41-4Ethylbenzene 10 U 100-42-5Styrene 10 U 1330-20-7Total Xylenes 10 U 75-71-8Dichlorodifluoromethane 10 U	108-10-1	4-Methyl-2-pentanone		10	U		
127-18-4Tetrachloroethene 10 U 108-88-3Toluene 10 U 79-34-5Toluene 10 U 108-90-7Chlorobenzene 10 U 100-41-4Ethylbenzene 10 U 100-42-5Styrene 10 U 1330-20-7Total Xylenes 10 U 75-71-8Dichlorodifluoromethane 10 U				10	U		
108-88-3Toluene 10 U 79-34-51,1,2,2-Tetrachloroethane 10 U 108-90-7Chlorobenzene 10 U 100-41-4Ethylbenzene 10 U 100-42-5Styrene 10 U 1330-20-7Total Xylenes 10 U 75-71-8Dichlorodifluoromethane 10 U				10	U		
79-34-51,1,2,2-Tetrachloroethane 10 U 108-90-7Chlorobenzene 10 U 100-41-4Ethylbenzene 10 U 100-42-5Styrene 10 U 1330-20-7Total Xylenes 10 U 75-71-8Dichlorodifluoromethane 10 U				10	U		
108-90-7Chlorobenzene 10 U 100-41-4Ethylbenzene 10 U 100-42-5Styrene 10 U 1330-20-7Total Xylenes 10 U 75-71-8Dichlorodifluoromethane 10 U				10	บ		
100-41-4Ethylbenzene 10 U 100-42-5Styrene 10 U 1330-20-7Total Xylenes 10 U 75-71-8Dichlorodifluoromethane 10 U					U		
100-42-5Styrene 10 U 1330-20-7Total Xylenes 10 U 75-71-8Dichlorodifluoromethane 10 U					1		
1330-20-7Total Xylenes 10 U 75-71-8Dichlorodifluoromethane 10 U							
75-71-8Dichlorodifluoromethane 10 U							
					1		
				10	U		

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Client No.

Lab Name: <u>STL Buffalo</u> Contract:		LCL-L2-10/05
Lab Code: <u>RECNY</u> Case No.: SAS No.:	SDG No.:	
Matrix: (soil/water) <u>WATER</u>	Lab Sample ID:	<u>A5B03106</u>
Sample wt/vol: (g/mL) ML	Lab File ID:	<u>Q7954.RR</u>
Level: (low/med) <u>LOW</u>	Date Samp/Recv:	<u>10/04/2005</u> <u>10/04/2005</u>
% Moisture: not dec Heated Purge: \underline{N}	Date Analyzed:	<u>10/07/2005</u>
GC Column: <u>DB-624</u> ID: <u>0.25</u> (mm)	Dilution Factor:	1.00
Soil Extract Volume: (uL)	Soil Aliquot Volu	ume: (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND		(ug/L or ug/K	g) <u>UG/L</u>	Q
76-13-11,1,2	-Trichloro-1,2,	2-trifluoroethane	10	U
156-60-5trans	-1,2-Dichloroet	hene	10	ប
1634-04-4Methy	l-t-Butyl Ether	(MIBE)	10	U
156-59-2cis-1			10	U
110-82-7Cyclc			10	U
108-87-2Methy			10	U
106-93-41,2-1			10	U
98-82-8Isopr			10	U
541-73-11,3-D			10	U
106-46-71,4-D			10	U
95-50-11,2-1			10	U
96-12-81,2-1		propane	10	U
120-82-11,2,4			10	U
79-20-9Methy			10	U

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30/277

Client No.

			LCL-TB1-10/05
Lab Name: <u>STL Buffalo</u>	Contract:		
Lab Code: <u>RECNY</u> Case No.:	SAS No.:	SDG No.:	
Matrix: (soil/water) WATER		Lab Sample ID:	A5B03107
Sample wt/vol: (g/mL)	ML	Lab File ID:	Q7953.RR
Level: (low/med) <u>LOW</u>		Date Samp/Recv:	<u>10/04/2005</u> <u>10/04/2005</u>
% Moisture: not dec Heate	ed Purge: <u>N</u>	Date Analyzed:	10/07/2005
GC Column: <u>DB-624</u> ID: <u>0.25</u>	(mm)	Dilution Factor:	1.00
Soil Extract Volume: (uL)		Soil Aliquot Vol	lume: (uL)
			_

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

$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	CAS NO.	COMPOUND	(ug/L or ug/K		Q		
$74-83-9-\dots$ Brownethane 10 U $75-00-4-\dots$ Unpl chloride 10 U $75-00-3-\dots$ Chloroethane 10 U $75-00-2-\dots$ Methylene chloride 10 U $67-64-1-\dots$ Acetone 10 U U $75-35-4-\dots$ 1.1 -Dichloroethane 10 U U $75-35-4-\dots$ 1.1 -Dichloroethane 10 U U $75-34-\dots$ 1.1 -Dichloroethane 10 U U $75-34-\dots$ 1.1 -Dichloroethane 10 U U $75-34-\dots$ 1.1 -Dichloroethane 10 U U $76-66-3-\dots$ 1.1 , 1 -Trichloroethane 10 U U $78-93-3-\dots$ 2.2 -Dichloroethane 10 U U $78-93-3-\dots$ 2.2 -Dichloroethane 10 U U $76-62-3-\dots$ 1.1 , 1 -Trichloroethane 10 U U $78-93-3-\dots$ 2.9 -Dichloropropene 10 U U $75-72-4-\dots$ Bromochloroethane 10 U U	74-87-3	Chloromethane					
$75-01-4-\cdots$ -Vinyl chloride 10 U $75-00-3-\cdots$ -Chloroethane 10 U $75-09-2-\cdots$ -Methylene chloride 10 U $75-09-2-\cdots$ -Acetone 10 U $75-15-0-\cdots$ -Carbon Disulfide 10 U $75-35-4-\cdots-1$, 1-Dichloroethane 10 U $75-35-4-\cdots-1$, 1-Dichloroethane 10 U $75-34-3-\cdots-1$, 1-Dichloroethane 10 U $75-35-4-\cdots-1$, 2-Dichloroethane 10 U $107-06-2-\cdots-1$, 2-Dichloropethane 10 U $75-56\cdots-1$, 1, 1-Trichloroethane 10 U $75-27-4-\cdots$ -Bromodichloropropane 10 U $106-01-5-\cdots-1$, 2-Dichloropropane 10 U $106-01-01-5-\cdots-1$, 2-Dichloropethane 10 U $124-48-1-\cdots$ -Dibromochloromethane 10 U $124-48-1-\cdots-Dibromochloromethane 10 U 106-02-6-\cdots-1, 1, 2-Trichloroethane 10 U $					1- (
$75-00-3-\cdots$ Chloroethane 10 U $75-09-2-\cdots$ Methylene chloride 10 U $67-64-1-\cdots$ Acetone 10 U $75-15-0-\cdots$ Carbon Disulfide 10 U $75-35-4-\cdots$ 1,1-Dichloroethene 10 U $75-35-4-\cdots$ 1,1-Dichloroethane 10 U $75-35-4-\cdots$ 1,1-Dichloroethane 10 U $75-35-4-\cdots$ 1,1-Dichloroethane 10 U $75-35-4-\cdots$ 1,1-Dichloroethane 10 U $75-35-4-\cdots$ 1,2-Dichloroethane 10 U $76-66-3-\cdots$ 1,1-Trichloroethane 10 U $78-93-3-\cdots$ 2-Butanone 10 U $71-55-6-\cdots$ 1,1,1-Trichloroethane 10 U $78-87-5-\cdots$ 1,2-Dichloropropane 10 U $10061-01-5-\cdots$ Cis-1,3-Dichloropropene 10 U $124-48-1-\cdots$ Disuronochloaronethane 10 U $79-00-5-\cdots$ 1,1,2-Trichloroethane 10 U $108-10-1-\cdots$ 4-Methyl-2-pentanone 1				10	1-		
$75-09-2-\cdots$ Methylene chloride 10 U $67-64-1-\cdots$ Acetome 10 U $75-15-0-\cdots$ Carbon Disulfide 10 U $75-35-4-\cdots$ 1,1-Dichloroethane 10 U $75-34-3-\cdots$ 1,1-Dichloroethane 10 U $75-34-3-\cdots$ 1,1-Dichloroethane 10 U $75-34-3-\cdots$ 1,1-Dichloroethane 10 U $75-34-3-\cdots$ 1,1-Dichloroethane 10 U $75-36-3-\cdots$ 1,1-Trichloroethane 10 U $107-06-2-\cdots$ 1,1-Trichloroethane 10 U $75-57-6-\cdots$ 1,1-Trichloroethane 10 U $75-27-4-\cdots$ Bromodichloromethane 10 U $79-01-6-\cdots$ Trichloroptropene 10 U $10061-01-5-\cdots$ 1,2-Trichloroethane 10 U $10061-02-6-\cdots$ Trans-1,3-Dichloropropene 10 U $10061-02-6-\cdots$ Trans-1,3-Dichloropropene 10 U $10061-02-6-\cdots$ Trans-1,3-Dichloropropene 10 U $108-10-1-\cdots$ 4-wet	75-00-3	Chloroethane		10	-		
67-64-1Acetone 10 0 $75-15-0Carbon$ Disulfide 10 0 $75-35-41$, 1-Dichloroethene 10 0 $75-34-31$, 1-Dichloroethane 10 0 $67-66-3Chloroform$ 10 0 $107-06-21$, 2-Dichloroethane 10 0 $107-06-21$, 1, 1-Trichloroethane 10 0 $10601-01-51$, 2-Dichloropropene 10 0 $10061-01-51$, 1, 2-Trichloroethane 10 0 $10061-02-61$, 1, 2-Trichloroethane 10 0 $107-06$	75-09-2	Methylene chloride			U		
$75-15-0-\cdots$ 10 0 $75-35-4-\cdots$ $1, 1-Dichloroethene$ 10 0 $75-34-3-\cdots$ $1, 1-Dichloroethane$ 10 0 $67-66-3-\cdots$ $11-Dichloroethane$ 10 0 $67-66-3-\cdots$ $1, 2-Dichloroethane$ 10 0 $107-06-2-\cdots$ $1, 2-Dichloroethane$ 10 0 $107-06-2-\cdots$ $1, 1-Trichloroethane$ 10 0 $107-05-2-\cdots$ $2-Butanone$ 10 0 0 $71-55-6-\cdots$ $1, 1, 1-Trichloroethane$ 10 0 0 $56-23-5-\cdots$ $2-Butanone$ 10 0 0 $75-27-4-\cdots$ Bromodichloromethane 10 0 0 $78-87-5-\cdots$ $1, 2-Dichloropropane 10 0 0 10061-01-5-\cdots 1, 2-Dichloropropene 10 0 0 79-01-6-\cdots 1, 2-Trichloroethane 10 0 0 104+48-1-\cdots 10 0 0 0 0 105-1-02-6-\cdots 1, 2-Trichloroethane 10$	67-64-1	Acetone					
75-35-41, 1-Dichloroethene 10 0 $75-34-31$, 1-Dichloroethane 10 0 $67-66-3Chloroform$ 10 0 $107-06-21$, 2-Dichloroethane 10 0 0 $78-93-32$ -Butanone 10 0	75-15-0	Carbon Disulfide			1 - 1		
75-34-31, $1-Dichloroethane$ 10 0 $67-66-3Chloroform$ 10 0 $107-06-21$, $2-Dichloroethane$ 10 0 $78-93-32-Butanone$ 10 0 0 $71-55-61$, $1, 1-Trichloroethane$ 10 0 0 0 $75-27-4$ Bromodichloromethane 10 0 0 0 0 $78-97-51$, $2-Dichloropropane$ 10 0	75-35-4	1.1-Dichloroethene			1 -		
67-66-3Chloroform 10 0 $107-06-21, 2-Dichloroethane$ 10 0 $78-93-32-Butanone$ 10 0 $71-55-61, 1, 1-Trichloroethane$ 10 0 $56-23-5Carbon$ Tetrachloride 10 0 $56-23-5Carbon$ Tetrachloride 10 0 $75-27-4Bromodichloromethane$ 10 0 $78-87-51, 2-Dichloropropane$ 10 0 $100-10-5cis-1, 3-Dichloropropane 10 0 100-10-5cis-1, 3-Dichloropropane 10 0 100-10-5cis-1, 3-Dichloropropane 10 0 100-10-5cis-1, 3-Dichloropropene 10 0 100-10-5cis-1, 3-Dichloropropene 10 0 100-10-5cis-1, 3-Dichloropropene 10 0 100-10-5cis-1, 3-Dichloropropene 10 0 100-10-2-61, 1, 2-2-Trichloroethane 10 0 100-10-2-62-Bromoform 10 0 0 108-10-14-Methyl-2-pentanone 10 10 0 108-8-370luene 10 0 0 0 $	75-34-3	1.1-Dichloroethane			1 - 1		
$107-06-2-\cdots 1, 2-\text{Dichloroethane}$ 10 U $78-93-3-\cdots -2-\text{Butanone}$ 10 U $71-55-6-\cdots -1, 1, 1-\text{Trichloroethane}$ 10 U $56-23-5-\cdots -2$ arbon Tetrachloride 10 U $56-23-5-\cdots -2$ arbon Tetrachloride 10 U $75-27-4-\cdots -8$ romodichloromethane 10 U $78-87-5-\cdots -1, 2-\text{Dichloropropane}$ 10 U $100-5-\cdots -2is-1, 3-\text{Dichloropropane}$ 10 U $100-6-\cdots -1$ rrichloroethene 10 U $124-48-1-\cdots -1$ Dibromochloromethane 10 U $179-00-5-\cdots -1, 1, 2-Trichloroethane 10 U 100-5-\cdots -1, 1, 2-Trichloroethane 10 U 100-1-26-\cdots -1, 1, 2-Trichloroethane 10 U 100-10-2-6-\cdots -1, 1, 2-Trichloropropene 10 U 100-10-2-6-\cdots -1, 1, 2-Trichloroethane 10 U 108-10-1-\cdots -4-Methyl-2-pentanone 10 U 108-10-1-\cdots -4-Methyl-2-pentanone 10 U 108-88-3-\cdots -1, 1, 2, 2-Tetrachloroethane 10 U 108-90-7-\cdots -1, 1, 2, 2-Tetrachloroethane $	67-66-3	Chloroform			I - I		
78-93-32-Butanone 10 0 0 71-55-61,1,1-Trichloroethane 10 0 56-23-5Carbon Tetrachloride 10 0 75-27-4Bromdichloromethane 10 0 78-93-3Carbon Tetrachloride 10 0 75-27-4Bromdichloromethane 10 0 78-97-51, 2-Dichloropropane 10 0 100 0 0 0 79-01-6	107-06-2	1.2-Dichloroethane			UT		
71-55-61,1,1-Trichloroethane 10 U 56-23-5Carbon Tetrachloride 10 U 75-27-4Bromodichloromethane 10 U 78-87-51,2-Dichloropropane 10 U 10061-01-5cis-1,3-Dichloropropane 10 U 1010061-01-5cis-1,3-Dichloropropene 10 U 1010061-01-5Trichloroethene 10 U 1010000 10 U U 1010000 10 U U 1010000 10 U U 1010000 10 10 U 10100000 10 10 U 10100000 10 10 U 101000000 10 10 U 101000000 10 10 10 101000000 10 10 10 10 101000000000 10 10 10 10 1010000000000000000000000000000000000							
56-23-5Carbon Tetrachloride	71-55-6	1.1.1-Trichloroethane			1 1		
$75-27-4-\dots$ Bromodichloromethane 10 U $78-87-5-\dots$ 1,2-Dichloropropane 10 U $10061-01-5-\dots$ 1,3-Dichloropropene 10 U $79-01-6-\dots$ Trichloroethene 10 U $124-48-1-\dots$ Dibromochloromethane 10 U $79-00-5-\dots$ 1,1,2-Trichloroethane 10 U $79-25-2-\dots$ Bromoform 10 U $10061-02-6-\dots$ Trans-1,3-Dichloropropene 10 U $75-25-2-\dots$ Bromoform 10 U U $108-10-1-\dots$ 4-Methyl-2-pentanone 10 U U $127-18-4-\dots$ Tetrachloroethane 10 U U $108-90-7-\dots$ 1,1,2,2-Tetrachloroethane 10 U U $100-41-4-\dots$ Ethylbenzene 10 U	56-23-5	Carbon Tetrachloride			1 - 1		
78-87-51, 2-Dichloropropane	75-27-4	Bromodichloromethane			1 - 1		
10061-01-5cis-1,3-Dichloropropene							
79-01-6Trichloroethene 10 0 124-48-1Dibromochloromethane 10 0 79-00-51,1,2-Trichloroethane 10 0 71-43-2Benzene 10 0 10061-02-6trans-1,3-Dichloropropene 10 0 108-10-14-Methyl-2-pentanone 10 0 108-10-14-Methyl-2-pentanone 10 0 107-34-5	10061-01-5-	cis-1,3-Dichloropropene			-		
124-48-1Dibromochloromethane 10 0 79-00-51,1,2-Trichloroethane 10 0 71-43-2Benzene 10 0 10061-02-6trans-1,3-Dichloropropene 10 0 108-10-14-Methyl-2-pentanone 10 0 108-10-14-Methyl-2-pentanone 10 0 108-10-14-Methyl-2-pentanone 10 0 107-78-62-Hexanone 10 0 0 107-34-5Tetrachloroethene 10 0 0 108-88-3Toluene 10 0 0 108-90-7Chlorobenzene 10 0 0 100-41-4Ethylbenzene 10 0 0 100-42-5Styrene 10 0 0 130-20-7Total Xylenes 10 0 0 75-71-8Dichlorodifluoromethane 10 0 0					-		
79-00-51,1,2-Trichloroethane 10 0 71-43-2Benzene 10 0 10061-02-6trans-1,3-Dichloropropene 10 0 108-10-1Benzene 10 0 108-10-14-Methyl-2-pentanone 10 0 109-100 10 0 0 109-100 10 10 0 109-10-14-Methyl-2-pentanone 10 0 0 109-10-14-Methyl-2-pentanone 10 0 0 109-100 10 0 0 0 109-100 10 0 0 0 109-10-14-Methyl-2-pentanone 10 0 0 109-10-14-Methyl-2-pentanone 10 0 0 109-10-14-Methyl-2-pentanone 10 0 0 1010-12-7-8-62-Hexanone 10 0 0 0 108-88-3Toluene 10 0 0 0 0 108-90-7Chlorobenzene 10 10 0 0 0 0 0 100-42-5Styrene 10 10 <td></td> <td></td> <td></td> <td></td> <td>-</td>					-		
71-43-2Benzene 10 0 10061-02-6trans-1, 3-Dichloropropene 10 0 75-25-2Bromoform 10 0 108-10-14-Methyl-2-pentanone 10 0 591-78-62-Hexanone 10 0 127-18-4Tetrachloroethene 10 0 108-88-3Toluene 10 0 79-34-5Chlorobenzene 10 0 100-41-4Ethylbenzene 10 0 100-42-5Styrene 10 0 130-20-7Total Xylenes 10 0 130-20-7Dichlorodifluoromethane 10 0					1-		
10061-02-6trans-1, 3-Dichloropropene 10 U 75-25-2Bromoform 10 U 108-10-14-Methyl-2-pentanone 10 U 591-78-62-Hexanone 10 U 127-18-4Tetrachloroethene 10 U 108-88-3Toluene 10 U 79-34-51,1,2,2-Tetrachloroethane 10 U 108-90-7Chlorobenzene 10 U 100-41-4Ethylbenzene 10 U 100-42-5Styrene 10 U 1330-20-7Total Xylenes 10 U 1330-20-7Dichlorodifluoromethane 10 U					1-		
75-25-2Bromoform 10 0 108-10-14-Methyl-2-pentanone 10 0 591-78-62-Hexanone 10 0 127-18-4Tetrachloroethene 10 0 108-88-3Toluene 10 0 108-90-7Toluene 10 0 108-90-7					1		
108-10-14-Methyl-2-pentanone 10 U 591-78-62-Hexanone 10 U 127-18-4Tetrachloroethene 10 U 108-88-3Toluene 10 U 108-90-7					1		
591-78-62-Hexanone 10 U 127-18-4Tetrachloroethene 10 U 108-88-3Toluene 10 U 108-88-3Toluene 10 U 108-90-7Chlorobenzene 10 U 100-41-4Ethylbenzene 10 U 100-42-5Styrene 10 U 1330-20-7Total Xylenes 10 U 75-71-8Dichlorodifluoromethane 10 U							
127-18-4Tetrachloroethene 10 0 108-88-3Toluene 10 0 79-34-5Toluene 10 0 108-90-7Chlorobenzene 10 0 100-41-4Ethylbenzene 10 0 100-42-5Styrene 10 0 1330-20-7Total Xylenes 10 0 75-71-8Dichlorodifluoromethane 10 0					U		
108-88-3Toluene 10 0 79-34-51,1,2,2-Tetrachloroethane 10 0 108-90-7Chlorobenzene 10 0 100-41-4Ethylbenzene 10 0 100-42-5Styrene 10 0 1330-20-7Total Xylenes 10 0 75-71-8Dichlorodifluoromethane 10 0	127-18-4	Tetrachloroethene		10	ប		
79-34-51,1,2,2-Tetrachloroethane 10 U 108-90-7Chlorobenzene 10 U 100-41-4Ethylbenzene 10 U 100-42-5Styrene 10 U 1330-20-7Total Xylenes 10 U 75-71-8Dichlorodifluoromethane 10 U				10	U		
108-90-7Chlorobenzene 10 0 100-41-4Ethylbenzene 10 0 100-42-5Styrene 10 0 1330-20-7Total Xylenes 10 0 75-71-8Dichlorodifluoromethane 10 0	79-34-5	1 1 2 2-Tetrachloroethane		10	U		
100-41-4Ethylbenzene 10 0 100-42-5Styrene 10 0 1330-20-7Total Xylenes 10 0 75-71-8Dichlorodifluoromethane 10 0	108_90_7	Chlombenzene		10	U		
100-42-5Styrene 10 0 1330-20-7Total Xylenes 10 0 75-71-8Dichlorodifluoromethane 10 0				10	U		
1330-20-7Total Xylenes 10 0 75-71-8Dichlorodifluoromethane 10 0		• •		10	U		
75-71-8Dichlorodifluoromethane 10 U				10	U		
10 U	75 71.0	-Dichlorrdifluormethane		10	U		
	1/5-/1-8	Trichlorofluoromethane		10	U		

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31/277

Client No.

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			LCL-TB1-10/05
Lab Name: <u>STL Buffalo</u>	Contract:		L
Lab Code: <u>RECNY</u> Case No.:	SAS No.:	SDG No.:	
Matrix: (soil/water) <u>WATER</u>		Lab Sample ID:	A5B03107
Sample wt/vol: (g/mL)	ML	Lab File ID:	Q7953.RR
Level: (low/med) LOW		Date Samp/Recv:	<u>10/04/2005</u> <u>10/04/2005</u>
% Moisture: not dec Heated	l Purge: <u>N</u>	Date Analyzed:	10/07/2005
GC Column: <u>DB-624</u> ID: <u>0.25</u> (m	m)	Dilution Factor:	1.00
Soil Extract Volume: (uL)		Soil Aliquot Vol	.ume: (uL)

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

CAS NO. COMPOUND		(ug/L or ug/Kg)	g) <u>UG/L</u>	
76-13-1	1,1,2-Trichloro-1,2,2-trif	luoroethane	10	υ
156-60-5	trans-1,2-Dichloroethene		10	U
1634-04-4-	Methyl-t-Butyl Ether (MIBE	:)	10	U
	cis-1,2-Dichloroethene		10	U
110-82-7	Cyclohexane		10	U
108-87-2	Methylcyclohexane		10	U
	1,2-Dibromoethane		10	U
98-82-8	Isopropylbenzene		10	U
541-73-1	1,3-Dichlorobenzene		10	υ
106-46-7	1,4-Dichlorobenzene		10	U
95-50-1	1,2-Dichlorobenzene		10	U
96-12-8	1,2-Dibromo-3-chloropropan	le	10	U
120-82-1	1,2,4-Trichlorobenzene		10	U
79-20-9	Methyl acetate		10	U

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CHAIN OF CUSTODY RECORD						TESTS								-		-				
CHA	AIN C	Dr C	05	TOD	Y REC	OR	D	J								U	K	S		-
PROJECT N			SITE NAME					rec.								LAB STL				
1117275				LOCKPORT	City Lawor	12		2												- 1
SAMPLERS				•												COOLER	of .	1		-
SCOTT W	1. Mc Cone	- Jest	who	Cour				E	OTTL	Е ТҮР	PE AN	ID P	RESER	VATI	/E	PAGEI	of .	1		-
DELIVERY S		tanio beci	NCM-	_ AIRBILL N	NO.: NA		Total No.# OF Containers	LL VOA								REMARKS	e type	UNG (IN FEET)	ENDING DEPTH (IN FEET)	FIELD LOT NO. # (ERPIMS)
LOCATION IDENTIFIER	DATE	TIME	COMP/ GRAB	SA	MPLE ID	MATRIX	TOTA	HOWL									SAMPLE	Beginning Depth (in Fi	ENDING	FIELD (ERPIN
MW- 35	10/4/05	1055	GRAB	LCL-	33-10/05	WG	З	3									NI	-	-	-
MW-65	10/4/05	0700	GRAB	Let -	60- 10/05	WG	3	3									NI	-	-	-
MW-BD	10/4/05	0745	GRAB	Lel-	813-10/05	WG	3	3									NI	-	-	-
MW-93	10/4/05	0930	Gens	LCL-	95 - 10/05	WG	3	3									NI	-	-	-
HW-9 I	10/4/05	1000	GRAG	LCL-	91 - 10/05	WG	3	3		_ 1							NI	-	-	-
OUTLALS LZ	10-4 05	1110	ORAB	LCL-	L2-10/05	WG	3	3									И	-	1	-
TOLIP BLANK	10/4/05	1115	Gene	LCL -	TB1- 10/05	TB	2	2					_				TBI	-	ł	-
										·										
MATRIX CODES	AA - AMBIE SE - SEDIM SH - HAZAF		ASTE	SL • SLUDGE WP - DRINKIN WW • WASTE	G WATER SC	G - GROUND) - SOIL) - DRILL CU			NL - LEA 35 - Soil NC - DRI		ATER		WO - OC WS - SUF WQ - WA	RFACE W	ATER	LH - HAZARDOUS LIQU LF - FLOATING/FREE P			W TABL	.£
SAMPLE TYPE CODES	TB# - TRIP	BLANK RIX SPIKE DUPLI		RB# - RINSE E FR# - FIELD R		# - NORMAL S# - MATRIX		MENTAL	SAMPLE	(# - 9	SEQUEN		iumber (f	ROM 1 T	O 9) TO ,	ACCOMMODATE MULTIPLE S	AMPLES	S IN A S	INGLE	DAY)
RELINQUISH			DAT	E TIME	RECEIVED E	BY ABIGNA	TURE)		1	DATE	TIM	1E	SPEC	IAL IN	ISTRU	CTIONS				
Sate	s no Ca		10/4	125 1155	Tenana	base				10405	1/5					YOCS IN SAMPLES				
RELINQUISH	LINQUISHED BY (SIGNATURE) DATE TIME RECEIVED FOR LAB BY (SIGNATURE) DATE TIME SAMPLES NOT AUSERVED																			
Distribution: (Driginal acco	ompanies st	 nipment,	copy to co	ordinator field fi	les		<u> </u>			L									
	-																			

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

59/277

20.82

ATTACHMENT B

FIELD RESULTS

GROUNDWATER PURGING/SAMPLING LOG

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Project:	Project:11172751.00000 Site:		Lockport City Landfill			Well I.D.:	MW-3S			
Date:	10/04/05	Sa	mpling Personnel:		Scott W. McCone		Company:	URS Corporation		
Purging/ Sampling Device: Measuring Point: Casing Type:	Single-Use Bailer TOIC Stainless Steel	Initial Depth to Water:		Material of Construction Depth to Well Bottom: Volume in 1 Well Casing (gallons):	13.26 feet	Well Diameter:				
	mple Parameters:			Sample Time:	10)55	QA/QC:	NA		
	PURGE PARAMETERS									
Т	IME	рН	ТЕМР (⁰ С)	COND. (mS/cm)	DISS. O ₂ (mg/l)	TURB. (NTU)	Eh (mV)	Appearance		
1	035	7.27	16.1	2.27	11.32	35.0		Clear		
1	040	7.14	15.7	2.42	11.50	73.0		Cloudy		
1	045	7.12	15.2	2.58	11.52	95.0		Cloudy		
1	050	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.

GROUNDWATER PURGING/SAMPLING LOG

Project:	Project: 11172751.00000 Site:		Lockport City Landfill			_ Well I.D.:	MW-6D	
Date:	10/04/05	Sa	ampling Personnel:		Scott W. McCone	9	_ 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):		-	Estimated Purge Volume (gallons):	
Sample ID:		LCL-6D-10/05		Sample Time:	0	700	QA/QC:	NA
Sar	nple Parameters:	TCL VOCs						
			PURGE	PARAM	ETERS			
т	ME	рН	TEMP (⁰C)	COND. (mS/cm)	DISS. O ₂ (mg/l)	TURB. (NTU)	Eh (mV)	Appearance
06	645	8.43	11.7	2.86	13.15	17.0		Clear
06	650	8.42	11.6	2.84	12.92	23.0		Clear
Tolerance:		0.1		3%	10%	10%	+ or - 10	

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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.

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GROUNDWATER PURGING/SAMPLING LOG

Project:	:		Lockport City Landfill			Well I.D.:	MW-8D	
Date:	10/04/05	10/04/05 Sampling Personnel:			Scott W. McCone			URS Corporation
Purging/ Sampling Device:	Single-Use Bailer			Material of Construction	HDPE		Pump/Tubing	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):		-	Estimated Purge Volume (gallons):	
Sample ID:		LCL-8D-10/05		Sample Time:	07	745	QAVQC	NA
Sai	mple Parameters:	TCL VOCs						
			PURGE	E PARAM	ETERS			
Т	IME	рН	TEMP (⁰ C)	COND. (mS/cm)	DISS. O₂ (mg/l)	TURB. (NTU)	Eh (mV)	Appearance
0	730	8.46	11.7	2.87	13.23	22.0		Clear
0.	735	8.44	11.6	2.87	12.98	27.0		Clear
0	740	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.

GROUNDWATER PURGING/SAMPLING LOG

Project:	11172751.00000 Site:		L	Lockport City Landfill			MW-91	
Date:	10/04/05	Si	ampling Personnel:		Scott W. McCone	1	Company:	URS Corporation
Purging/ Sampling Device: Measuring Point:	Single-Use Bailer	Initial Depth to	5.85 feet	Material of Construction Depth to Well Bottom:	HDPE 20.00 feet	Well Diameter:	Pump/Tubing Inlet Location: Two-Inch	NA Screen Length: 10 feet
Casing Type:	PVC			Volume in 1 Well Casing (gallons):			Estimated Purge Volume (gallons):	10 gallons
Sample ID:		LCL-9I-10/05		Sample Time:	10	000	QA/QC:	NA
Sar	mple Parameters:	TCL VOCs						
	-							
	. •		PURGE	E PARAM	ETERS			
т	IME	рН	TEMP (°C)	COND. (mS/cm)	DISS. O₂ (mg/l)	TURB. (NTU)	Eh (mV)	Appearance
0	940	7.35	15.8	2.10	11.14	164		Cloudy
0	945	7.45	13.8	2.06	12.47	515		Cloudy
0	950	7.34	13.2	1.73	12.83	119		Cloudy
0	955	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.

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GROUNDWATER PURGING/SAMPLING LOG

Project:	Project:		L	Lockport City Landfill			MW-9S	
Date:	10/04/05	S	ampling Personnel:		Scott W. McCone)	Company:	URS Corporation
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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):		-	Estimated Purge Volume (gallons):	
Sample ID:		LCL-9S-10/05	,	Sample Time:	09	930	QA/QC:	NA
Sar	mple Parameters:	TCL VOCs						
	-							
			PURGE	E PARAM	ETERS			
т	IME	рН	TEMP (°C)	COND. (mS/cm)	DISS. O₂ (mg/l)	TURB. (NTU)	Eh (mV)	Appearance
0	915	7.88	15.9	1.71	10.84	119		Cloudy
0	920	7.71	15.8	1.95	10.91	341		Cloudy
0	925	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.

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GROUNDWATER PURGING/SAMPLING LOG

Project:	Project:11172751.00000 Site:		Lockport City Landfill			Well I.D.:	OUTFALL L-2	
Date:	Date: 10/04/05 Sampling Personnel:			Scott W. McCone			_ Company:	URS Corporation
Purging/ Sampling Device: Measuring	NA	Initial Depth to		Material of Construction Depth to Well			Pump/Tubing Inlet Location:	NA
Point:	NA	Water:	NA	Bottom:	NA	Well Diameter:	NA	Screen Length:NA
Casing Type:	NA			Volume in 1 Well Casing (gallons):		-	Estimated Purge Volume (gallons):	NA
Sample ID:		LCL-L2-10/05		Sample Time:	1	105	QA/QC:	NA
Sar	mple Paramete	ers: TCL VOCs				<u> </u>		
			PURGE	PARAM	ETERS		······································	
Т	IME	рН	TEMP (°C)	COND. (mS/cm)	DISS. O₂ (mg/l)	TURB. (NTU)	Eh (mV)	Appearance
1	110	7.15	14.4	1.51	12.18	24		Clear
		_						
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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.