

*SITE INVESTIGATION / REMEDIAL
ALTERNATIVES REPORT
RICHMOND AVENUE SITE
LOCKPORT, NEW YORK*

InteGreyted Project No. 0107016P

New York State Department of Environmental Conservation

S.I./RAR Report of 3/14/03

Approved ☒ Approved As Noted ☐ Re-submit With Revisions ☐ Disapproved

COMMISSIONER OF ENVIRONMENTAL CONSERVATION

Daniel K. King Designated Representative

Date Feb. 19, 2004

ATTACHMENT 1

LOGS – TEST BORINGS, PITS AND TEMPORARY MONITORING WELLS

**JANUARY to APRIL 2002
INVESTIGATION**

Date End: 1/28/2002



ENVIRONMENTAL SERVICES
SUBSURFACE LOG

Boring No.: TB-01-1

Proj No.: 02-007

Project: Richmond Ave. Inv. & IRM

Client: City of Lockport/ GLDC

Location: Richmond Ave.

City of Lockport NY

Depth	Sample	Soil Classification	Notes
0		3" Concrete	
		Brown-Gray F-C SAND, trace Gravel contains brick, ash & cinders	Hnu Readings
		(Moist- FILL)	2.0' 0.0ppm
		Gray F-C GRAVEL	0.0 ppm
		(Moist- FILL)	0.0ppm
5		4'-8' Sample NO RECOVERY	
			8.0'
		Boring Complete at 8.0 Feet	
10			Collected RCRA
			Metals Samples
			TB-01-1-0'-2'
			TB-01-1-2'-4'
15			
20			

Driller G. Janik

Drill Rig Simco EP 200

Method Of Investigation	Direct Push

Classified By: Geologist

Weather Sunny 45F

Date Start: 1/28/2002

Date End: 1/28/2002

ENVIRONMENTAL SERVICES
SUBSURFACE LOG

Boring No.: TB-01-2

Proj No.: 02-007

Project: Richmond Ave. Inv. & IRM

Client: City of Lockport/ GLDC

Location: Richmond Ave.

City of Lockport NY

Depth	Sample	Soil Classification	Notes
0		3" Concrete	
		Reb-Brown and Gray F-C SAND, Little Gravel, Trace ash, cinders	Hnu Readings
		and bricks (Moist- FILL)	0.0ppm
		Gray F-C GRAVEL (Moist-FILL)	0.0 ppm
			0.0ppm
5			
			6.0' 0.0 ppm
		Red-Brown SILT and Clay, Little F-C sand (Moist-Wet)	
			8.0' 0.0ppm
		Boring Complete at 8.0 Feet	
10			Collected RCRA
			Metals Samples
			TB-01-2-0'-2'
			TB-01-2-2'-4'
15			
20			

Driller: G. Janik

Drill Rig: Simco EP 200

Method Of Investigation: Direct Push

Classified By: Geologist

Weather: Sunny 45F

Date Start: 1/28/2002

Date End: 1/28/2002

ENVIRONMENTAL SERVICES
SUBSURFACE LOG

Boring No.: TB-01-3

Proj No.: 02-007

Project: Richmond Ave. Inv. & IRM

Client: City of Lockport/ GLDC

Location: Richmond Ave.

City of Lockport NY

Depth	Sample	Soil Classification	Notes
0			
		Black SILT and Cinders (Moist-Fill) 1.0'	Hnu Readings
		Gray-Brown GRAVEL and Sand -crushed stone (Moist-Fill)	0.0ppm
			0.0ppm
5			0.0ppm
			0.0ppm
		Gray-Brown SILT, Some Gravel -crushed stone (Moist-Fill)	0.0ppm
		8.0'	
		Boring Complete at 8.0 Feet	
10			Collected RCRA
			Metals Samples
			TB-01-3-0'-2'
			TB-01-3-2'-4'
15			
20			

Driller: G. Janik

Drill Rig: Simco EP 200

Method Of Investigation: Direct Push

Classified By: Geologist

Weather: Sunny 45F

Date Start: 1/28/2002

Date End: 1/28/2002

ENVIRONMENTAL SERVICES
SUBSURFACE LOG

Boring No.: TB-01-5

Proj No.: 02-007

Project: Richmond Ave. Inv. & IRM

Client: City of Lockport/ GLDC

Location: Richmond Ave.

City of Lockport NY

Depth	Sample	Soil Classification	Notes
0		3" Concrete	
		Black F-M Sand - cinders, ash and Brick	Hnu Readings
		(Moist- FILL)	2.0' 0.0ppm
		Gray F-C GRAVEL - crushed stone	
		(Moist- FILL)	0.0ppm
5			0.0ppm
			7.0'
		Red-Brown F-M SAND, Some Silt (Moist)	8.0' 0.0ppm
		Boring Complete at 8.0 Feet	
10			Collected RCRA
			Metals Samples
			TB-01-5-0'-2'
			TB-01-5-2'-4'
			TCLP Metals
15			TB-01-5-2'-4'
20			

Driller: G. Janik

Drill Rig: Geoprobe 54 LT

Method Of Investigation: Direct Push

Classified By: Geologist

Weather: Sunny 45F

Date End: 1/28/2002

Proj No.: 02-007

Weather Sunny 45F

Date Start: 2/5/2002
Date End: 2/5/2002

 SLC
ENVIRONMENTAL SERVICES
SUBSURFACE LOG

Boring No.: TB-01-7A
Proj No.: 02-007

Project: Richmond Ave. Inv. & IRM
Client: City of Lockport/ GLDC

Location: Richmond Ave.
City of Lockport NY

Depth	Sample	Soil Classification	Notes
0		3" Concrete	
			Hnu Readings
5			
10			
		Brown SILT, trace F SAND (Moist)	0.0ppm
			0.0ppm
			0.0ppm
			13.0'
		Refusal at 13.0' - assumed Bedrock	
15		Boring Complete at 13.0 Feet	
20			

Driller: G. Janik

Drill Rig: Simco EP 200

Method Of Investigation: Direct Push

Classified By: Geologist

Weather: Cloudy 35F

Date Start: 2/5/2002
Date End: 2/5/2002

 SLC
ENVIRONMENTAL SERVICES
SUBSURFACE LOG

Boring No.: TB-01-7B
Proj No.: 02-007

Project: Richmond Ave. Inv. & IRM
Client: City of Lockport/ GLDC

Location: Richmond Ave.
City of Lockport NY

Depth	Sample	Soil Classification	Notes
0		3" Concrete	Hnu Readings
5			
		Boring not logged in this interval.	
10		Brown SILT, trace F SAND (Moist) 10.0'	
		Refusal at 10.0' - assumed Bedrock	
		Boring Complete at 10.0 Feet	
15			
20			

Driller: G. Janik
Method Of Investigation: Direct Push
Weather: Cloudy 35F

Drill Rig: Simco EP 200
Classified By: Geologist

Date Start: 2/5/2002

Date End: 2/5/2002

ENVIRONMENTAL SERVICES
SUBSURFACE LOG

Boring No.: TB-01-7C

Proj No.: 02-007

Object: Richmond Ave. Inv. & IRM

Client: City of Lockport/ GLDC

Location: Richmond Ave.

City of Lockport NY

Depth	Sample	Soil Classification	Notes
0		3" Concrete	Hnu Readings
5		Boring not logged in this interval.	Collect Sample TB-01-7C-9' for SVOC and VOC
10		Brown SILT, trace F SAND (Moist) 10.0'	
		Refusal at 10.0' - assumed Bedrock	
		Boring Complete at 10.0 Feet	
15			
20			

Driller: G. Janik

Drill Rig: Simco EP 200

Method Of Investigation: Direct Push

Classified By: Geologist

Weather: Cloudy 35F

Date Start: 1/28/2002

Date End: 1/28/2002

ENVIRONMENTAL SERVICES
SUBSURFACE LOG

Boring No.: TB-01-8

Proj No.: 02-007

Project: Richmond Ave. Inv. & IRM

Location: Richmond Ave.

Client: City of Lockport/ GLDC

City of Lockport NY

Depth	Sample	Soil Classification	Notes
0		3" Concrete	
		Brown SILT (Moist-Fill)	1.0' Hnu Readings
		Gray-Brown F-C SAND and Gravel, tr. Ash and cinders	0.0ppm
		(Moist-Fill)	0.0 ppm
			3.0' 0.0ppm
5		Red-Brown F-C SAND, Some Gravel, little silt (Moist-Fill)	0.0ppm
			7.0'
		Boring Complete at Refusal at 7.0 Feet	
10			Collected RCRA
			Metals Samples
			TB-01-8-0'-2'
			TB-01-8-2'-4'
			Dup on 0'-2'
15			
20			

Driller: G. Janik

Drill Rig: Simco EP 200

Method Of Investigation: Direct Push

Classified By: Geologist

Weather: Sunny 45F

Date Start: 1/28/2002

Date End: 1/28/2002

ENVIRONMENTAL SERVICES
SUBSURFACE LOG

Boring No.: TB-01-9

Proj No.: 02-007

Project: Richmond Ave. Inv. & IRM

Location: Richmond Ave.

Client: City of Lockport/ GLDC

City of Lockport NY

Depth	Sample	Soil Classification	Notes
0		3" Concrete	
		Brown SILT and F. Sand (Moist-Fill)	1.0' Hnu Readings
			0.0ppm
		Gray-Brown F-C SAND, Some Gravel - crushed stone, tr, silt	0.0 ppm
		(Moist- FILL)	4.0' 0.0ppm
5		Gray F-C GRAVEL and Sand - crushed stone (Moist-Fill)	0.0ppm
			8.0' 0.0ppm
		Boring Complete at 8.0 Feet	
10			Collected RCRA
			Metals Samples
			TB-01-9-0'-2'
			TB-01-9-2'-4'
			TB-01-9-4'-8'
15			
			TCLP Metals
			TB-01-9-2'-4'
20			

Driller: G. Janik

Drill Rig: Geoprobe 54 LT

Method Of Investigation: Direct Push

Classified By: Geologist

Weather: Sunny 45F

Date Start: 1/28/2002

Date End: 1/28/2002

ENVIRONMENTAL SERVICES
SUBSURFACE LOG

Boring No.: TB-01-10

Proj No.: 02-007

Project: Richmond Ave. Inv. & IRM

Client: City of Lockport/ GLDC

Location: Richmond Ave.

City of Lockport NY

Depth	Sample	Soil Classification	Notes
0		Red-Brown F-C SAND and Silt, little gravel (Moist-Fill)	Hnu Readings
			0.0ppm
			0.0 ppm
			0.0ppm
5		Red-Brown F-C SAND and Silt, little gravel (Moist-Fill)	0.0ppm
			7.0'
		Gray Weathered Bedrock Fragments	8.0' 0.0ppm
		Boring Complete at 8.0 Feet	
10			Collected RCRA
			Metals Samples
			TB-01-10-0'-2'
			TB-01-10-2'-4'
			TB-01-10-4'-8'
15			MS/MSD-1-29
			at 2'-4'
20			

Driller: G. Janik

Drill Rig: Simco EP 200

Method Of Investigation: Direct Push

Classified By: Geologist

Weather: Sunny 45F

Date Start: 1/29/2002 Date End: 1/29/2002		 ENVIRONMENTAL SERVICES SUBSURFACE LOG		Boring No.: TB-01-11 Proj No.: 02-007	
Project: Richmond Ave. Inv. & IRM Client: City of Lockport/ GLDC			Location: Richmond Ave. City of Lockport NY		

Depth	Sample	Soil Classification	Notes
0		Red-Brown F-M SAND and Silt, trace gravel (Moist-Fill)	Hnu Readings 0.0ppm 0.0ppm
5		Red-Brown F-M SAND and Silt, trace gravel (Moist-Fill)	0.0ppm 0.0ppm
			8.0' 0.0ppm
		Gray BEDROCK Fragments and Brown Silt (Moist)	
10			10.0' Collected RCRA
		Boring Complete at 10.0 Feet	Metals Samples
15			TB-01-11-0'-2'
			TB-01-11-2'-4'
20			

Driller: G. Janik		Drill Rig: Geoprobe 54 LT	
Method Of Investigation: Direct Push		Classified By: Geologist	
Weather: Sunny 45F			

Date Start: 1/29/2002

Date End: 1/29/2002

ENVIRONMENTAL SERVICES
SUBSURFACE LOG

Boring No.: TB-01-12

Proj No.: 02-007

Project: Richmond Ave. Inv. & IRM

Client: City of Lockport/ GLDC

Location: Richmond Ave.

City of Lockport NY

Depth	Sample	Soil Classification	Notes
0		2" Blacktop	
		Brown-Gray-Black F-C SAND, Little Gravel- brick, ash, cinders	Hnu Readings
		(Moist-Fill)	0.0ppm
			0.0 ppm
			0.0ppm
5			0.0ppm
		Brown-Tan SILTY trace F. Sand (Moist)	0.0ppm
			6.5'
		Boring Complete at Refusal at 6.5 Feet	
10			Collected RCRA
			Metals Samples
			TB-01-12-0'-2'
			TB-01-12-2'-4'
15			
20			

Driller: G. Janik

Drill Rig: Geoprobe 54 LT

Method Of Investigation: Direct Push

Classified By: Geologist

Weather: Sunny 45F

Date Start: 1/28/2002

Date End: 1/28/2002

SLC
ENVIRONMENTAL SERVICES
SUBSURFACE LOG

Boring No.: TB-01-13

Proj No.: 02-007

Project: Richmond Ave. Inv. & IRM

Client: City of Lockport/ GLDC

Location: Richmond Ave.

City of Lockport NY

Depth	Sample	Soil Classification	Notes
0		2" Blacktop	
		Brown-Gray-Black SILT and Sand- brick, ash, cinders	Hnu Readings
		(Moist-Fill)	2.0 0.0ppm
		Tan -Red-Brown SILT (Moist)	0.0 ppm
			0.0ppm
5			4.9
		Red-Brown SILT and F. Sand (Wet)	5.5'
		Boring Complete at Refusal at 5.5 Feet	
10			Collected RCRA
			Metals Samples
			TB-01-13-0'-2'
			TB-01-13-2'-4'
15			
20			

Driller: G. Janik

Drill Rig: SIMCO EP 200

Method Of Investigation: Direct Push

Classified By: Geologist

Weather: Sunny 45F

Date Start: 1/29/2002

Date End: 1/29/2002

ENVIRONMENTAL SERVICES
SUBSURFACE LOG

Boring No.: TB-01-14

Proj No.: 02-007

Project: Richmond Ave. Inv. & IRM

Location: Richmond Ave.

Client: City of Lockport/ GLDC

City of Lockport NY

Depth	Sample	Soil Classification	Notes
0		2" Blacktop	
		Black-Brown F-M SAND, Little Gravel, tr. cinders, ash (Moist-Fill)	Hnu Readings
			0.0ppm
			4.0' 0.0ppm
5		Brown SILT, trace f Sand (Moist)	
			0.0ppm
			7.0'
		Boring Completed at Refusal at 7.0 feet	
10			Collected RCRA
			Metals Samples
			TB-01-14-0'-2'
			TB-01-14-2'-4'
			TB-01-14-4'-7'
15			
20			

Driller: G. Janik

Drill Rig: Geoprobe 54 LT

Method Of Investigation: Direct Push

Classified By: Geologist

Weather: Sunny 45F

Date Start: 1/28/2002
Date End: 1/28/2002

SLC
ENVIRONMENTAL SERVICES
SUBSURFACE LOG

Boring No.: TB-01-15
Proj No.: 02-007

Project: Richmond Ave. Inv. & IRM
Client: City of Lockport/ GLDC

Location: Richmond Ave.
City of Lockport NY

Depth	Sample	Soil Classification	Notes
0		Black-Gray F-C SAND, Some Silt-cinders, ash, coal (Moist-Fill)	Hnu Readings 0.0ppm 3.0'
5		Tan SILT, and F Sand (Moist)	0.0ppm 6.0' 0.0ppm
		Boring Completed at Refusal at 6.0 feet	Collected RCRA and TCLP Metals Samples TB-01-15-2'-4' RCRA Metals TB-01-15-0'-2'
10			
15			
20			

Driller: G. Janik
Method Of Investigation: Direct Push
Weather: Sunny 45F

Drill Rig: SIMCO EP 200
Classified By: Geologist

Date End: 1/28/2002



Proj No.: 02-007

Location: Richmond Ave.
City of Lockport NY

Driller	G. Janik	Drill Rig	Geoprobe 54 LT
Method Of Investigation	Direct Push	Classified By:	Geologist
Weather	Sunny 45F		

Date Start: 1/29/2002
Date End: 1/29/2002

SLC
ENVIRONMENTAL SERVICES
SUBSURFACE LOG

Boring No.: TB-01-17
Proj No.: 02-007

Project: Richmond Ave. Inv. & IRM
Client: City of Lockport/ GLDC

Location: Richmond Ave.
City of Lockport NY

Depth	Sample	Soil Classification	Notes
0		Black-Brown F-C SAND-cinders, ash, brick (Moist- Fill)	Hnu Readings
			0.0ppm
			0.0 ppm
			4.0' 0.0ppm
5		Brown F-C SAND, Little F Gravel (Moist)	
			6.0
		Gray C Gravel-weathered bedrock	0.0ppm
			8.0'
		Boring Complete at 8.0 Feet	
10			Collected RCRA
			and TCLP Metals
			TB-01-17-0'-2'
			RCRA Metals
15			TB-01-17-2'-4'
20			

Driller: G. Janik

Drill Rig: Geoprobe 54LT

Method Of Investigation: Direct Push

Classified By: Geologist

Weather: Sunny 45F

Date Start: 1/29/2002

Date End: 1/29/2002



ENVIRONMENTAL SERVICES SUBSURFACE LOG

Boring No.: TB-01-18

Proj No.: 02-007

Project: Richmond Ave. Inv. & IRM

Client: City of Lockport/ GLDC

Location: Richmond Ave.

City of Lockport NY

Depth	Sample	Soil Classification	Notes
0		1" Blacktop	
		Black-Brown F-C SAND, Little Gravel, trace Silt	Hnu Readings
		cinders, ash, bricks (Moist-Fill)	0.0ppm
			3.5' 0.0 ppm
			0.0ppm
5			
			0.0ppm
		Gray C Gravel-weathered bedrock	0.0ppm
			8.0'
		Boring Complete at 8.0 Feet	
10			Collected RCRA
			Metals Samples
			TB-01-18-0'-2'
			TB-01-18-2'-4'
15			DUP-1-29-02
20			

iller G. Janik

Drill Rig Geoprobe 54LT

Method Of Investigation	Direct Push

Classified By: Geologist

Weather	Sunny 45F

Date Start: 1/29/2002

Date End: 1/29/2002

 SLC
ENVIRONMENTAL SERVICES
SUBSURFACE LOG

Boring No.: TB-01-19

Proj No.: 02-007

Project: Richmond Ave. Inv. & IRM

Client: City of Lockport/ GLDC

Location: Richmond Ave.

City of Lockport NY

Depth	Sample	Soil Classification	Notes
0			
		Black F SAND, Little Gravel (Moist-Fill) ----- 1.0'	Hnu Readings
			0.0ppm
		Brown SILT, Little F-C Sand, trace gravel (Moist-Fill)	
			0.0ppm
5		----- 5.0'	0.0ppm
		Boring Complete at Refusal at 5.0 Feet	
10			Collected RCRA
			Samples
			TB-01-19-0'-2'
15			
20			

Driller: G. Janik

Drill Rig: SIMCO EP 200

Method Of Investigation: Direct Push

Classified By: Geologist

Weather: Sunny 45F

Date Start: 1/29/2002

Date End: 1/29/2002

ENVIRONMENTAL SERVICES
SUBSURFACE LOG

Boring No.: TB-01-20

Proj No.: 02-007

Project: Richmond Ave. Inv. & IRM

Client: City of Lockport/ GLDC

Location: Richmond Ave.

City of Lockport NY

Depth	Sample	Soil Classification	Notes
0			
		Brown SILT, Little Gravel (Moist-Fill) ----- 1.0'	Hnu Readings
			0.0ppm
		Tan SILT, trace F-M Sand, (Moist-Fill)	
		4" gravel layer at 3.6'	0.0ppm
5		(Moist -Wet) at 5.0 feet	0.0ppm
		Boring Complete at Refusal at 6.0 Feet	
10			Collected RCRA
			Samples
			TB-01-20-0'-2'
			TB-01-20-4'-6'
15			
20			

Driller: G. Janik

Drill Rig: Geoprobe 54 LT

Method Of Investigation: Direct Push

Classified By: Geologist

Weather: Sunny 45F

Date Start: 1/29/2002

Date End: 1/29/2002

ENVIRONMENTAL SERVICES
SUBSURFACE LOG

Boring No.: TB-01-21

Proj No.: 02-007

Project: Richmond Ave. Inv. & IRM

Location: Richmond Ave.

Client: City of Lockport/ GLDC

City of Lockport NY

Depth	Sample	Soil Classification	Notes
0			
		Brown SILT, Little Gravel (Moist-Fill)	Hnu Readings
			2.0' 0.0ppm
		Black SILT and F. Sand	2.5'
		Gray C. GRAVEL	3.0' 0.0ppm
5			0.0ppm
		Tan SILT, trace F Sand (Moist)	6.0'
		Boring Complete at Refusal at 6.0 Feet	
10			Collected RCRA
			Samples
			TB-01-21-0'-2'
			TB-01-21-4'-6'
			MS/MSD
15			
20			

Driller: G. Janik

Drill Rig: Geoprobe 54 LT

Method Of Investigation: Direct Push

Classified By: Geologist

Weather: Sunny 45F

Date Start: 1/29/2002

Date End: 1/29/2002



Boring No.: TB-01-22

Proj No.: 02-007

Project: Richmond Ave. Inv. & IRM

Location: Richmond Ave.

Client: City of Lockport/ GLDC

City of Lockport NY

Depth	Sample	Soil Classification	Notes
0			
		Gray-Brown F-C SAND, Little Gravel - bricks, ash, cinders (Moist-Fill)	Hnu Readings
			0.0ppm
		Gray-Brown F-C SAND, Little Gravel - bricks, ash, cinders (Moist-Fill)	0.0ppm
5			5.0' 0.0ppm
		Brown SILT, trace F Sand (Moist)	6.0'
		Boring Complete at Refusal at 6.0 Feet	
10			Collected RCRA
			Samples
			TB-01-22-0'-2'
			TB-01-22-2'-4'
			DUP-1-29-3 at 0'-2'
15			
20			

Driller: G. Janik

Drill Rig: Geoprobe 54 LT

Method Of Investigation: Direct Push

Classified By: Geologist

Weather: Sunny 45F

Date Start: 1/29/2002

Date End: 1/29/2002



Boring No.: TB-01-23

Proj No.: 02-007

Project: Richmond Ave. Inv. & IRM

Location: Richmond Ave.

Client: City of Lockport/ GLDC

City of Lockport NY

Depth	Sample	Soil Classification	Notes
0			
		Black-Brown-Gray F-C SAND, trace Silt	Hnu Readings
		cinders, ash, stone (Moist-Fill)	0.0ppm
			0.0 ppm
			0.0ppm
5			5.0'
			0.0ppm
		Gray F-C GRAVEL, Little Sand (Moist)	0.0ppm
		Boring Complete at 8.0 Feet	
10			
			Collected RCRA
			Metals Samples
			TB-01-23-0'-2'
			TB-01-23-4'-6'
15			TCLP at 2'-4'
20			

Driller: G. Janik

Drill Rig: Geoprobe 54LT

Method Of Investigation: Direct Push

Classified By: Geologist

Weather: Sunny 45F

Date Start: 1/29/2002

Date End: 1/29/2002



Boring No.: TB-01-24

Proj No.: 02-007

Project: Richmond Ave. Inv. & IRM

Location: Richmond Ave.

Client: City of Lockport/ GLDC

City of Lockport NY

Depth	Sample	Soil Classification	Notes
0		Black-Brown-Gray F-C SAND, Little Gravel, trace Silt cinders, ash, stone, brick (Moist-Fill)	Hnu Readings
			0.0ppm
			0.0 ppm
			0.0ppm
5		Black-Brown-Gray F-C SAND, Little Gravel, trace Silt cinders, ash, stone, brick (Moist-Fill)	0.0ppm
			0.0ppm
			8.0'
		Boring Complete at 8.0 Feet	
10			Collected RCRA
			Metals Samples
			TB-01-24-2'-4'
			TB-01-24-6'-8'
15			
20			

Driller: G. Janik

Drill Rig: Geoprobe 54LT

Method Of Investigation: Direct Push

Classified By: Geologist

Weather: Sunny 45F

Date Start: 1/29/2002

Date End: 1/29/2002



Boring No.: TB-01-25

Proj No.: 02-007

Project: Richmond Ave. Inv. & IRM

Location: Richmond Ave.

Client: City of Lockport/ GLDC

City of Lockport NY

Depth	Sample	Soil Classification	Notes
0		3" Concrete	
		Brown F-C SAND (Moist-Fill) ----- 1.0'	Hnu Readings
		Gray GRAVEL - crushed rock (Moist-Fill) ----- 2.0'	0.0ppm
		Black F SAND (Moist- Fill) ----- 3.0'	
		Tan SILT, trace F sand trace bedrock fragments (Moist)	0.0ppm
5		4.5'	0.0ppm
		Boring Complete at Refusal at 4.5 Feet	
10			Collected RCRA Samples TB-01-25-2'-4'
15			
20			

Driller: G. Janik

Drill Rig: Geoprobe 54 LT

Method Of Investigation: Direct Push

Classified By: Geologist

Weather: Sunny 45F

Date Start: 1/29/2002

Date End: 1/29/2002

SLC
ENVIRONMENTAL SERVICES
SUBSURFACE LOG

Boring No.: TB-01-26

Proj No.: 02-007

Project: Richmond Ave. Inv. & IRM

Location: Richmond Ave.

Client: City of Lockport/ GLDC

City of Lockport NY

Depth	Sample	Soil Classification	Notes
0		3" Concrete	
		Brown F-C SAND (Moist-Fill) ----- 1.0'	Hnu Readings
		Gray GRAVEL - crushed rock (Moist-Fill) ----- 2.0'	0.0ppm
		Black F SAND (Moist- Fill) ----- 3.0'	
		Gray GRAVEL - crushed rock (Moist-Fill)	0.0ppm
5			0.0ppm
		----- 5.5'	
		Brown SILT, tr brick, ash (Moist-Fill)	0.0 ppm
		Boring Complete at Refusal at 6.5 Feet	
10			Collected RCRA
			Samples
			TB-01-26-0'-2'
			TB-01-26-4'-6.5'
15			
20			

iller G. Janik

Drill Rig Geoprobe 54 LT

Method Of Investigation Direct Push

Classified By: Geologist

Weather Sunny 45F

Date Start: 1/29/2002

Date End: 1/29/2002

ENVIRONMENTAL SERVICES
SUBSURFACE LOG

Boring No.: TB-01-27

Proj No.: 02-007

Project: Richmond Ave. Inv. & IRM

Client: City of Lockport/ GLDC

Location: Richmond Ave.

City of Lockport NY

Depth	Sample	Soil Classification	Notes
0		3" Concrete	
		Gray-Black F-C SAND trace gravel -cinders, coal, ash (Moist-Fill)	Hnu Readings
			0.0ppm
			3.0'
		Brown SILT trace brick, crushed stone (Moist- Fill)	0.0ppm
5			5.0' 0.0ppm
		Boring Complete at Refusal at 5.0 Feet	
10			Collected RCRA
			Samples
			TB-01-27-0'-2'
			TB-01-27-4'-5'
15			
20			

Driller: G. Janik

Drill Rig: Geoprobe 54 LT

Method Of Investigation: Direct Push

Classified By: Geologist

Weather: Sunny 45F

Date Start: 1/29/2002
Date End: 1/29/2002

ENVIRONMENTAL SERVICES
SUBSURFACE LOG

Boring No.: TB-01-28
Proj No.: 02-007

Project: Richmond Ave. Inv. & IRM
Client: City of Lockport/ GLDC

Location: Richmond Ave.
City of Lockport NY

Depth	Sample	Soil Classification	Notes
0		Gray-Brown F-C SAND Some gravel, little silt (Moist-Fill)	Hnu Readings 0.0ppm 0.0ppm
5		Brown SILT little F Sand, trace gravel (Moist)	0.0ppm 7.0'
		Boring Complete at Refusal at 7.0 Feet	Collected RCRA Samples TB-01-28-2'-4' TB-01-28-6'-7'
10			
15			
20			

Driller: G. Janik
Method Of Investigation: Direct Push
Weather: Sunny 45F
Drill Rig: Geoprobe 54 LT
Classified By: Geologist

Date Start: 1/29/2002

Date End: 1/29/2002

SLC
ENVIRONMENTAL SERVICES
SUBSURFACE LOG

Boring No.: TB-01-29

Proj No.: 02-007

Project: Richmond Ave. Inv. & IRM

Client: City of Lockport/ GLDC

Location: Richmond Ave.

City of Lockport NY

Depth	Sample	Soil Classification	Notes
0			
		Gray-Brown F-C SAND and Gravel, (Moist-Fill) ----- 1.0'	Hnu Readings
			0.0ppm
		Black F-C SAND and Gravel (Moist-Fill)	
			0.0ppm
5			0.0ppm
		Black F-C SAND and Gravel (Moist-Fill)	
			0.0ppm
			8.0'
		Boring Complete at 8.0 Feet	
10			Collected RCRA
			Samples
			TB-01-29-0'-4'
			TB-01-29-4'-8'
15			
20			

Driller: G. Janik

Drill Rig: Geoprobe 54 LT

Method Of Investigation: Direct Push

Classified By: Geologist

Weather: Sunny 45F

Date Start: 1/29/2002

Date End: 1/29/2002

ENVIRONMENTAL SERVICES
SUBSURFACE LOG

Boring No.: TB-01-30

Proj No.: 02-007

Project: Richmond Ave. Inv. & IRM

Client: City of Lockport/ GLDC

Location: Richmond Ave.

City of Lockport NY

Depth	Sample	Soil Classification	Notes
0			
		Gray-Black F-C SAND and Silt, (Moist-Fill)	1.0' Hnu Readings
			0.0ppm
		Brown SILT, Little Gray Gravel (Moist-Fill)	0.0ppm
			0.0ppm
5		Brown SILT, Little Gray Gravel (Moist-Fill)	0.0ppm
			6.0'
		Boring Complete at Refusal at 6.0 Feet	
10			Collected RCRA Samples TB-01-30-2'-4' TB-01-30-4'-6' TCLP at 2'-4'
15			
20			

Driller: G. Janik

Drill Rig: Geoprobe 54 LT

Method Of Investigation: Direct Push

Classified By: Geologist

Weather: Sunny 45F

Date End: 1/28/2002

SLC
ENVIRONMENTAL SERVICES
SUBSURFACE LOG

Boring No.: MW-01-1

Proj No.: 02-007

Project: Richmond Ave. Inv. & IRM

Client: City of Lockport/ GLDC

Location: Richmond Ave.

City of Lockport NY

Depth	Sample	Soil Classification	Notes
0		3" Concrete	
		Red Brown F-M SAND (Moist- Fill)	Hnu Readings
			0.0ppm
			0.0 ppm
			0.0ppm
5		Gray F-C GRAVEL and Sand (Moist-Fill)	
		(Moist- FILL)	
10		Brown SILT, some F Sand (Moist)	0.0ppm
			160 ppm at 11,5'
15		Refusal at 12.0' - assumed Bedrock	
		One Inch Temporary Monitoring Well Set at 12.0 feet	Collect
		Screen from 12.0 feet to 7.0 feet	MW-01-1-11' for
		Riser to Surface	VOCs and SVOCs
20			

Officer	G. Janik
Method Of Investigation	Direct Push
Weather	Sunny 45F

Drill Rig Geoprobe 54 LT
Classified By: Geologist

Date Start: 1/29/2002
Date End: 1/29/2002



Boring No.: MW-01-2
Proj No.: 02-007

Project: Richmond Ave. Inv. & IRM
Client: City of Lockport/ GLDC

Location: Richmond Ave.
City of Lockport NY

Depth	Sample	Soil Classification	Notes
0		2" Blacktop	
		Brown F-M SAND (Moist- Fill) 1.2'	Hnu Readings
			0.0ppm
		Tan-Brown SILT, Little F-M Sand (Moist)	0.0 ppm
			0.0ppm
5			
		Brown F-C SAND and Gravel, trace silt (Moist) 6.0'	0.0ppm
		Refusal at 6.0' - assumed Bedrock	
		One Inch Temporary Monitoring Well Set at 6.0 feet	
		Screen from 6.0 feet to 3.5 feet	
10		Riser to Surface	
15			
20			

Driller: G. Janik
Method Of Investigation: Direct Push
Weather: Sunny 45F
Drill Rig: Geoprobe 54 LT
Classified By: Geologist

Date Start: 1/29/2002

Date End: 1/29/2002

ENVIRONMENTAL SERVICES
SUBSURFACE LOG

Boring No.: MW-01-3

Proj No.: 02-007

Project: Richmond Ave. Inv. & IRM

Location: Richmond Ave.

Client: City of Lockport/ GLDC

City of Lockport NY

Depth	Sample	Soil Classification	Notes
0			
		Gray F-C GRAVEL contains brick, stone & cinders	Hnu Readings
		(Moist- FILL)	0.0ppm
			0.0 ppm
			0.0ppm
5		Gray F-C GRAVEL contains brick, stone & cinders	
		(Moist- FILL)	
			8.0'
		Brown SILT trace brick, ash (Moist-Fill)	
10			10.0'
		Refusal at 10.0' - assumed Bedrock	
		One Inch Temporary Monitoring Well Set at 10.0 feet	
		Screen from 10.0 feet to 5.0 feet	
		Riser 5.0 feet to Surface	
15			
20			

Driller: G. Janik

Drill Rig: Geoprobe 54 LT

Method Of Investigation: Direct Push

Classified By: Geologist

Weather: Sunny 45F

Date Start: 1/29/2002

Date End: 1/29/2002

ENVIRONMENTAL SERVICES
SUBSURFACE LOG

Boring No.: MW-01-4

Proj No.: 02-007

Project: Richmond Ave. Inv. & IRM

Location: Richmond Ave.

Client: City of Lockport/ GLDC

City of Lockport NY

Depth	Sample	Soil Classification	Notes
0		2" Blacktop	
		Brown F-C SAND (Moist- Fill) 1.2'	Hnu Readings
			0.0ppm
		Tan-Brown SILT, Little F-M Sand (Moist)	0.0 ppm
			0.0ppm
5			
		Brown F-C SAND and Gravel, trace silt (Moist) 6.0'	0.0ppm
		Refusal at 6.0' - assumed Bedrock	
		One Inch Temporary Monitoring Well Set at 6.0 feet	
		Screen from 6.0 feet to 3.5 feet	
10		Riser to Surface	
15			
20			

Driller: G. Janik

Drill Rig: Geoprobe 54 LT

Method Of Investigation: Direct Push

Classified By: Geologist

Weather: Sunny 45F

Date Start: 1/30/2002

Date End: 1/30/2002

ENVIRONMENTAL SERVICES
SUBSURFACE LOG

Test Pit No.: TP-01-1

Proj No.: 02-007

Project: Richmond Ave. Inv. & IRM

Client: City of Lockport/ GLDC

Location: Richmond Ave.

City of Lockport NY

Depth	Soil Classification	Notes
0	3" Concrete	
		Hnu Readings
	Brown-Black Cobbles and Gravel, little sand contains ash & cinders	
	(Moist- Fill)	0.0ppm
5		0.0ppm
	Brown-Black Cobbles and Gravel, little sand contains ash & cinders	
		0.0ppm
	Test Pit Complete at 8 Feet	Sample collected
10		TP-01-1 at 8'
		VOC and SVOC
	Test Pit Dimensions 6x9x8deep	
15		
20		

Operator: L. Yousett

Excav. CAT 416

Method Of Investigation: Test Pit Excavation

Classified By: Geologist

Weather: Cloudy 30F Snow

Date Start: 1/30/2002

Date End: 1/30/2002



Test Pit No.: TP-01-2

Proj No.: 02-007

Project: Richmond Ave. Inv. & IRM

Client: City of Lockport/ GLDC

Location: Richmond Ave.

City of Lockport NY

Depth	Soil Classification	Notes
0	3" Concrete	
		Hnu Readings
	Brown F-C SAND and Silt contains cobbles brick, ash & cinders	
	(Moist- Fill)	0.0ppm
5	Brown GRAVEL and Cobbles, little sand contains brick, ash and cinders	0.0ppm
	(Moist- Fill)	
	Red-Brown SAND, some Silt	0.0ppm
	(Moist) 8.0'	
	Test Pit Complete at 8 Feet	Sample collected
10		TP-01-2-4'-6"
		VOC and SVOC
	Test Pit Dimensions 7x12x8deep	
15		
20		

Operator L. Yousett

Excav. CAT 416

Method Of Investigation Test Pit Excavation

Classified By: Geologist

Weather Cloudy 30F Snow

Date Start: 1/30/2002
Date End: 1/30/2002

ENVIRONMENTAL SERVICES
SUBSURFACE LOG

Test Pit No.: TP-01-3
Proj No.: 02-007

Project: Richmond Ave. Inv. & IRM
Client: City of Lockport/ GLDC

Location: Richmond Ave.
City of Lockport NY

Depth	Soil Classification	Notes
0	3" Concrete	
		Hnu Readings
	Brown F-C SAND and Silt, little gravel - cobbles, brick, ash & cinders	
	(Moist- Fill)	3.0' 0.0ppm
5	Brown GRAVEL and Cobbles, little sand contains brick, ash and cinders	0.0ppm
	(Moist- Fill)	
		0.0ppm
	Brown GRAVEL and Cobbles, little sand contains brick, ash and cinders	
	(Moist- Fill)	0.0ppm
10	large fragment of concrete slab	10'
	Brown F-C SAND, Some Silt, trace gravel, cobbles	4.0ppm
		12' 0.0ppm
		Sample collected
15	Test Pit Complete at 12 Feet	TP-01-3-11'
	Test Pit Dimensions 9x15x12deep	VOC and SVOC
20		

Operator: L. Yousett
Excav. CAT 416
Method Of Investigation: Test Pit Excavation
Classified By: Geologist
Weather: Cloudy 30F Snow

Date Start: 1/30/2002

Date End: 1/30/2002



Test Pit No.: TP-01-4

Proj No.: 02-007

Project: Richmond Ave. Inv. & IRM

Location: Richmond Ave.

Client: City of Lockport/ GLDC

City of Lockport NY

Depth	Soil Classification	Notes
0	3" Concrete	
		Hnu Readings
	Brown F-C SAND and Gravel contains brick, ash and cinders	
	(Moist- Fill)	0.0ppm
5	Brown F-C SAND and Gravel contains brick, ash and cinders	0.0ppm
	(Moist- Fill)	
		0.0ppm
	concrete slabs at 8 feet	
	(Moist- Fill)	0.0ppm
10		10'
	Brown F-C SAND and Gravel, Some Silt	
	weathered bedrock in silt matrix at 11-13 feet	0.0ppm
	silt is stained at 11-13 feet	13'
		Sample collected
15	Test Pit Complete at 13 Feet	TP-01-4-12'
	Test Pit Dimensions 12x18x13deep	VOC and SVOC
20		

Operator L. Yousett

Excav. CAT 416

Method Of Investigation Test Pit Excavation

Classified By: Geologist

Weather Cloudy 30F Snow

Date Start: 1/30/2002

Date End: 1/30/2002



Test Pit No.: TP-01-4S

Proj No.: 02-007

Project: Richmond Ave. Inv. & IRM

Client: City of Lockport/ GLDC

Location: Richmond Ave.

City of Lockport NY

Depth	Soil Classification	Notes
0	3" Concrete	
	Brown F-C SAND and Gravel contains brick, ash and cinders	Hnu Readings
	(Moist- Fill)	
		0.0ppm
	Brown F-C SAND, Some Silt, cobbles and stone	
5	(Moist-Fill)	0.0ppm
		7.0' 0.0ppm
	Brown SILT and F Sand	
		0.0ppm
10		10'
	Refusal on Sandstone Slab at 10 feet	
15		
	Test Pit Dimensions 12x18x10deep	
20		

Operator: L. Yousett

Excav. CAT 416

Method Of Investigation: Test Pit Excavation

Classified By: Geologist

Weather: Cloudy 30F Snow

Date Start: 1/31/2002

Date End: 1/31/2002

ENVIRONMENTAL SERVICES
SUBSURFACE LOG

Test Pit No.: TP-01-5

Proj No.: 02-007

Project: Richmond Ave. Inv. & IRM

Client: City of Lockport/ GLDC

Location: Richmond Ave.

City of Lockport NY

Depth	Soil Classification	Notes
0	Red-Brown SILT and Clay contains brick, ash and cinders (Moist- Fill)	Hnu Readings 0.0ppm
5	Brown-Gray CONCRETE Fragments, bricks and stone	0.0ppm
		8.0'
	Test Pit Complete at 8.0 Feet	0.0ppm
10	Test Pit Dimensions 12x18x8deep	
15		Sample collected TP-01-5-8'
		VOC and SVOC
20		

Operator L. Yousett

Excav. CAT 416

Method Of Investigation Test Pit Excavation

Classified By: Geologist

Weather Cloudy 30F Snow

Date Start: 1/31/2002

Date End: 1/31/2002

ENVIRONMENTAL SERVICES
SUBSURFACE LOG

Test Pit No.: TP-01-6

Proj No.: 02-007

Project: Richmond Ave. Inv. & IRM

Client: City of Lockport/ GLDC

Location: Richmond Ave.

City of Lockport NY

Depth	Soil Classification	Notes
0	1.5" Blacktop	
	Black F-C SAND and Gravel - cinders, brick, ash	Hnu Readings
	(Moist-Fill)	
		0.0ppm
5		0.0ppm
	Black F-C SAND and Gravel - cinders, brick, ash	
	(Moist-Fill)	0.0ppm
		7.5'
	Practical Refusal - Limestone Bedrock @ 7.5'	
10	Test Pit Complete at 7.5 Feet	
	Test Pit Dimensions 12x12x7.5deep	
		Sample collected
15		TP-01-6-4'
		VOC and SVOC
		MS/MSD
20		

Operator: L. Yousett

Excav. CAT 416

Method Of Investigation: Test Pit Excavation

Classified By: Geologist

Weather: Cloudy 30F Snow

Date Start: 1/30/2002

Date End: 1/30/2002



Test Pit No.: TP-01-7

Proj No.: 02-007

Project: Richmond Ave. Inv. & IRM

Client: City of Lockport/ GLDC

Location: Richmond Ave.

City of Lockport NY

Depth	Soil Classification	Notes
0		
		Hnu Readings
	Brown-Black F-C SAND, Some Gravel contains ash & cinders	
	(Moist- Fill)	0.0ppm
		4.0'
5	Brown SILT, Some Gravel - crushed stone	0.0ppm
	(Moist- Fill)	
		7.0'
		0.0ppm
	Gray C GRAVEL and Silt- crushed stone, trace cinders and ash	0.0ppm
10	Test Pit Complete at 9.0 Feet	
		Sample collected
	Test Pit Dimensions 6x9x9deep	TP-01-7-9'
		VOC and SVOC
15		
20		

Operator: L. Yousett

Excav. CAT 416

Method Of Investigation: Test Pit Excavation

Classified By: Geologist

Weather: Cloudy 30F Snow

Date Start: 1/31/2002

Date End: 1/31/2002

 SLC
ENVIRONMENTAL SERVICES
SUBSURFACE LOG

Test Pit No.: TP-01-8

Proj No.: 02-007

Project: Richmond Ave. Inv. & IRM

Client: City of Lockport/ GLDC

Location: Richmond Ave.

City of Lockport NY

Depth	Soil Classification	Notes
0		
	Black-Brown F-C SAND and Gravel, little silt - cinders, brick	Hnu Readings
	(Moist-Fill)	
		0.0ppm
	Black-Brown F-C SAND and Gravel, little silt - cinders, brick, boulders	
5	(Moist-Fill)	0.0ppm
		7.0' 0.0ppm
	Refusal on Bedrock	
	Test Pit Complete at 7.0 Feet	
10	Test Pit Dimensions 4x40x7.5deep	
		Sample collected
15		TP-01-8-4'
		VOC and SVOC
		at east end of pit
20		

Operator: L. Yousett

Excav. CAT 416

Method Of Investigation: Test Pit Excavation

Classified By: Geologist

Weather: Cloudy 30F Snow

Date Start: 1/31/2002
Date End: 1/31/2002

 SLC
ENVIRONMENTAL SERVICES
SUBSURFACE LOG

Test Pit No.: TP-01-9

Proj No.: 02-007

Project: Richmond Ave. Inv. & IRM
Client: City of Lockport/ GLDC

Location: Richmond Ave.
City of Lockport NY

Depth	Soil Classification	Notes
0		
	Gray F-C GRAVEL - crushed stone	1.0' Hnu Readings
	Brown F-C SAND and Gravel, little silt - cinders, brick	0.0ppm
5	(Moist-Fill)	0.0ppm
		6.0'
		0.0ppm
	No UST encountered.	
	Test Pit Complete at 6.0 Feet	STARS samples
10	Test Pit Dimensions 8x8x6deep	obtained from each
		side wall and at
		bottom of excavation.
20		

operator L. Yousett

Excav. CAT 416

Method Of Investigation Test Pit Excavation

Classified By: Geologist

Weather Cloudy 30F Snow

Date Start: 1/31/2002

Date End: 1/31/2002



Test Pit No.: TP-01-10

Proj No.: 02-007

Project: Richmond Ave. Inv. & IRM

Client: City of Lockport/ GLDC

Location: Richmond Ave.

City of Lockport NY

Depth	Soil Classification	Notes
0		
	Gray F-C GRAVEL - crushed stone	1.0' Hnu Readings
	Brown F-C SAND and Gravel, little silt - cinders, brick	0.0ppm
5	(Moist-Fill)	0.0ppm
		6.0'
		0.0ppm
	Test Pit Complete at 6.0 Feet	
10	Test Pit Dimensions 8x8x6deep	
20		

Operator: L. Yousett

Excav. CAT 416

Method Of Investigation: Test Pit Excavation

Classified By: Geologist

Weather: Cloudy 30F Snow

**MAY 2002
INVESTIGATION**

Date Start: 5/22/2002
Date End: 5/22/2002

 SLC
ENVIRONMENTAL SERVICES
SUBSURFACE LOG

Boring No.: TB-02-1

Proj No.: 02-007

Project: Richmond Ave. Inv. & IRM
Client: City of Lockport/ GLDC

Location: Richmond Ave.
City of Lockport NY

Depth	Sample	Soil Classification	Notes
0		2" Topsoil	
		Gray Gravel(busted concrete) and F-C Sand	1.0'
		Red-Brown and Brown F-C SAND and Silt, little gravel	
		(Moist- FILL)	
5			
			7.0'
		Gray SILT and Gravel (Moist-FILL)	8.0'
		Boring Complete at 8.0 Feet	
10			Collected
			Metals Samples
			TB-02-1-0'-2'
			and PCB's
			TB-02-1-0'-1'
15			
20			

Driller: G. Janik
Method Of Investigation: Direct Push
Weather: Sunny 55F

Drill Rig: Simco EP 200
Classified By: Geologist

Date End: 5/22/2002



Proj No.: 02-007

Client: City of Lockport/ GLDC

City of Lockport NY

Driller	G. Janik	Drill Rig	Simco EP 200
Method Of Investigation	Direct Push	Classified By:	Geologist
Weather	Sunny 55F		

Date Start: 5/22/2002

Date End: 5/22/2002

ENVIRONMENTAL SERVICES
SUBSURFACE LOG

Boring No.: TB-02-3

Proj No.: 02-007

Project: Richmond Ave. Inv. & IRM

Client: City of Lockport/ GLDC

Location: Richmond Ave.

City of Lockport NY

Depth	Sample	Soil Classification	Notes
0			
		Black SAND and Silt	
		trace brick, glass, ash (Moist-FILL)	
			2.0'
		Black-Gray F-C SAND, little Gravel, trace silt (Moist-FILL)	
5			
		Brick seam at 5.2 feet	
			7.0'
		Gray GRAVEL and Sand -Weathered Bedrock (Moist)	8.0'
		Boring Complete at 8.0 Feet	
10			Collected
			Metals Samples
			TB-02-3-0'-2'
15			
20			

Driller: G. Janik

Drill Rig: Simco EP 200

Method Of Investigation: Direct Push

Classified By: Geologist

Weather: Sunny 55F

Date Start: 5/22/2002
Date End: 5/22/2002

 SLC
ENVIRONMENTAL SERVICES
SUBSURFACE LOG

Boring No.: TB-02-4
Proj No.: 02-007

Project: Richmond Ave. Inv. & IRM
Client: City of Lockport/ GLDC

Location: Richmond Ave.
City of Lockport NY

Depth	Sample	Soil Classification	Notes
0		Black F-C SAND and Silt trace brick, glass,ash (Moist-FILL)	
		3.0'	
		Black-Brown Silt and Gravel (Moist-FILL)	
5		Black-Brown Silt and Gravel trace brick, broken rock (Moist-FILL)	
		8.0'	
		Boring Complete at 8.0 Feet	Collected Metals Samples TB-02-3-0'-4'
10			
15			
20			

Driller: G. Janik
Method Of Investigation: Direct Push
Weather: Sunny 55F

Drill Rig: Simco EP 200
Classified By: Geologist

Boring No.: TB-02-5

Proj No.: 02-007



ENVIRONMENTAL SERVICES SUBSURFACE LOG

Project: Richmond Ave. Inv. & IRM

Location: Richmond Ave.

Client: City of Lockport/ GLDC

City of Lockport NY

Depth	Sample	Soil Classification	Notes
0			
		Black SILT and f. Sand	
			3.0'
5		Gray F-C GRAVEL and Sand -broken rock	
		Brown-gray SILT and Weathered Bedrock	8.0'
		Boring Complete at 8.0 Feet	
10			Collected
			Metals Samples
			TB-02-5-0'-2'
15			
20			

Triller G. Janik

Drill Rig Simco EP 200

Method Of Investigation	Direct Push

Classified By: Geologist

Weather	Sunny 55F

Date Start: 5/22/2002
Date End: 5/22/2002

 SLC
ENVIRONMENTAL SERVICES
SUBSURFACE LOG

Boring No.: TB-02-6
Proj No.: 02-007

Project: Richmond Ave. Inv. & IRM
Client: City of Lockport/ GLDC

Location: Richmond Ave.
City of Lockport NY

Depth	Sample	Soil Classification	Notes
0		Gray-Black F-C SAND and Gravel	Poor Recovery
			3.0'
5		Gray F-C GRAVEL -broken rock	Poor Recovery
			8.0'
		Boring Complete at 8.0 Feet	Collected Metals Samples TB-02-6-0'-4'
10			
20			

Driller: G. Janik
Method Of Investigation: Direct Push
Weather: Sunny 55F
Drill Rig: Simco EP 200
Classified By: Geologist

Date Start: 5/22/2002

Date End: 5/22/2002

ENVIRONMENTAL SERVICES
SUBSURFACE LOG

Boring No.: TB-02-7

Proj No.: 02-007

Project: Richmond Ave. Inv. & IRM

Client: City of Lockport/ GLDC

Location: Richmond Ave.

City of Lockport NY

Depth	Sample	Soil Classification	Notes
0		Black F-C SAND, little Silt trace brick,glass (Moist-FILL)	
5			5.0'
		Brown SILT, trace F Sand (Moist)	7.0'
		Boring Complete with Refusal at 7.0 Feet	Collected Metals Samples TB-02-7-0'-2'
10			
15			
20			

Driller: G. Janik

Drill Rig: Simco EP 200

Method Of Investigation: Direct Push

Classified By: Geologist

Weather: Sunny 55F

Date Start: 5/22/2002

Date End: 5/22/2002

ENVIRONMENTAL SERVICES
SUBSURFACE LOG

Boring No.: TB-02-8

Proj No.: 02-007

Project: Richmond Ave. Inv. & IRM

Location: Richmond Ave.

Client: City of Lockport/ GLDC

City of Lockport NY

Depth	Sample	Soil Classification	Notes
0			
		Gray, Black Brown F-C SAND, trace Silt trace coal, ash	
		(Moist-FILL) ----- 2.0'	
		Brown SILT, little f. Sand (Moist-FILL)	
5			
		----- 5.5'	
		Boring Complete at Refusal at 5.5 Feet	
10			Collected
			Metals Samples
			TB-02-8-0'-2'
15			
20			

Driller: G. Janik

Drill Rig: Simco EP 200

Method Of Investigation: Direct Push

Classified By: Geologist

Weather: Sunny 55F

Date Start: 5/22/2002
Date End: 5/22/2002

 SLC
ENVIRONMENTAL SERVICES
SUBSURFACE LOG

Boring No.: TB-02-9
Proj No.: 02-007

Project: Richmond Ave. Inv. & IRM
Client: City of Lockport/ GLDC

Location: Richmond Ave.
City of Lockport NY

Depth	Sample	Soil Classification	Notes
0		Black F-C SAND, little Silt trace coal, ash (Moist-FILL)	Poor Recovery
5			5.0'
		Brown SILT, and weathered Bedrock (Moist)	7.0'
		Boring Complete with Refusal at 7.0 Feet	Collected Metals Samples TB-02-9-0'-2'
10			
15			
20			

Driller: G. Janik
Method Of Investigation: Direct Push
Weather: Sunny 55F
Drill Rig: Simco EP 200
Classified By: Geologist

Date End: 5/22/2002



Proj No.: 02-007

City of Lockport NY

[illegible]

Weather	Sunny 55F

Date Start: 5/22/2002

Date End: 5/22/2002

 SLC
ENVIRONMENTAL SERVICES
SUBSURFACE LOG

Boring No.: TB-02-11

Proj No.: 02-007

Project: Richmond Ave. Inv. & IRM

Client: City of Lockport/ GLDC

Location: Richmond Ave.

City of Lockport NY

Depth	Sample	Soil Classification	Notes
0		Gray Black F-C SAND, trace ash, coal, brick (Moist-FILL)	
5		Brown-Tan SILT and Gray Gravel (Moist -FILL) 5.0'	Collected Metals Samples TB-02-11-0'-2'
		Boring Complete with Refusal at 5.0 Feet	
10			
15			
20			

Driller: G. Janik

Drill Rig: Simco EP 200

Method Of Investigation: Direct Push

Classified By: Geologist

Weather: Sunny 55F

Date End: 5/22/2002



Proj No.: 02-007

Client: City of Lockport/ GLDC

City of Lockport NY

Depth	Sample	Soil Classification	Notes
0			
		Black-Gray F-C SAND	
		(Moist- FILL)	
		Black-Gray F-C SAND, trace Silt, ash, brick	
		(Moist- FILL)	
5			
			7.0'
		Gray GRAVEL -weathered bedrock	8.0'
		Boring Complete at 8.0 Feet	
10			Collected
			Metals Samples
			TB-02-12-0'-2'
15			
20			

iller	G. Janik
Method Of Investigation	Direct Push
Weather	Sunny 55F

Date Start: 5/22/2002

Date End: 5/22/2002

SLC
ENVIRONMENTAL SERVICES
SUBSURFACE LOG

Boring No.: TB-02-13

Proj No.: 02-007

Project: Richmond Ave. Inv. & IRM

Client: City of Lockport/ GLDC

Location: Richmond Ave.

City of Lockport NY

Depth	Sample	Soil Classification	Notes
0		Black-Gray F-C SAND, trace Silt, ash, brick (Moist- FILL) Becomes Brown at 2.0 feet Wet at 4.0 feet	
5			
		7.0'	
		Gray GRAVEL - weathered bedrock	8.0'
		Boring Complete at 8.0 Feet	Collected Metals Samples TB-02-13-0'-2'
10			
15			
20			

Driller: G. Janik

Drill Rig: Simco EP 200

Method Of Investigation: Direct Push

Classified By: Geologist

Weather: Sunny 55F

Date Start: 5/22/2002

Date End: 5/22/2002

SLC
ENVIRONMENTAL SERVICES
SUBSURFACE LOG

Boring No.: TB-02-14

Proj No.: 02-007

Project: Richmond Ave. Inv. & IRM

Location: Richmond Ave.

Client: City of Lockport/ GLDC

City of Lockport NY

Depth	Sample	Soil Classification	Notes
0			
		Black Gray F-C SAND	
		(Moist-FILL) ----- 2.0'	
		Brown SILT, trace F Sand (Moist-Fill) ----- 3.0'	
		Gray GRAVEL and F-C Sand, little Silt (Moist)	
5			
		5.5'	
10			Collected
			Metals Samples
			TB-02-14-0'-2'
15			
20			

Boring Complete with Refusal at 5.5 Feet

Driller: G. Janik

Drill Rig: Simco EP 200

Method Of Investigation: Direct Push

Classified By: Geologist

Weather: Sunny 55F

Date End: 5/22/2002



Proj No.: 02-007

Client: City of Lockport/ GLDC

City of Lockport NY

Driller	G. Janik	Drill Rig	Simco EP 200
Method Of Investigation	Direct Push	Classified By:	Geologist
Weather	Sunny 55F		

Date Start: 5/22/2002

Boring No.: TB-02-16

Date End: 5/22/2002

Proj No.: 02-007

ENVIRONMENTAL SERVICES
SUBSURFACE LOG

Project: Richmond Ave. Inv. & IRM

Location: Richmond Ave.

Client: City of Lockport/ GLDC

City of Lockport NY

Depth	Sample	Soil Classification	Notes
0		2" Topsoil	
		Red-Brown F SAND and Silt (Moist- FILL) 2.0'	
		Black-Gray-Brown F SAND, Some Silt	
		(Moist- FILL)	
5		Gray F-C SAND and Gravel	
		Brown SILT seam at 7-7.5 feet	
		8.0'	
		Boring Complete at 8.0 Feet	
10			Collected SVOC's &
			Metals Samples
			TB-02-16-0'-2'
			and PCB's
			TB-02-16-0'-1'
15			
20			

Driller: G. Janik

Drill Rig: Simco EP 200

Method Of Investigation: Direct Push

Classified By: Geologist

Weather: Sunny 55F

Date Start: 5/22/2002

Date End: 5/22/2002

 SLC
ENVIRONMENTAL SERVICES
SUBSURFACE LOG

Boring No.: TB-02-17

Proj No.: 02-007

Project: Richmond Ave. Inv. & IRM

Location: Richmond Ave.

Client: City of Lockport/ GLDC

City of Lockport NY

Depth	Sample	Soil Classification	Notes
0			
		Gray-Black F SAND and Silt, trace ash,brick, coal	
		(Moist-FILL) ----- 2.0'	
		Gray F-C GRAVEL and Silt (Moist-FILL)	
5			
10			Collected
			Metals Samples
			TB-02-17-0'-2'
15			
20			

Driller: G. Janik

Drill Rig: Simco EP 200

Method Of Investigation: Direct Push

Classified By: Geologist

Weather: Sunny 55F

Date Start: 5/22/2002

Date End: 5/22/2002



Boring No.: TB-02-18

Proj No.: 02-007

Project: Richmond Ave. Inv. & IRM

Location: Richmond Ave.

Client: City of Lockport/ GLDC

City of Lockport NY

Depth	Sample	Soil Classification	Notes
0			
		Gray-Black F-C SAND, little Silt, trace ash, brick, cinders	
		(Moist-FILL)	
			3.0'
		Tan-Brown SILT, Little Clay (Moist) wet at 4.0'	
5			4.5'
10			Collected SVOC's &
			Metals Samples
			TB-02-18-0'-2'
15			
20			

Driller: G. Janik

Drill Rig: Simco EP 200

Method Of Investigation: Direct Push

Classified By: Geologist

Weather: Sunny 55F

Date Start: 5/22/2002

Date End: 5/22/2002

ENVIRONMENTAL SERVICES
SUBSURFACE LOG

Boring No.: TB-02-19

Proj No.: 02-007

Project: Richmond Ave. Inv. & IRM

Client: City of Lockport/ GLDC

Location: Richmond Ave.

City of Lockport NY

Depth	Sample	Soil Classification	Notes
0			
		Brown-Gray F-C SAND	
		(Moist-FILL)	3.0'
		Tan SILT, (Moist)	
5			5.0
		Boring Complete with Refusal at 5.0 Feet	
10			Collected SVOC's & Metals Samples TB-02-19-0'-2'
15			
20			

Driller: G. Janik

Drill Rig: Simco EP 200

Method Of Investigation: Direct Push

Classified By: Geologist

Weather: Sunny 55F

Date Start: 5/22/2002

Date End: 5/22/2002

 SLC
ENVIRONMENTAL SERVICES
SUBSURFACE LOG

Boring No.: TB-02-20

Proj No.: 02-007

Project: Richmond Ave. Inv. & IRM

Client: City of Lockport/ GLDC

Location: Richmond Ave.

City of Lockport NY

Depth	Sample	Soil Classification	Notes
0		Gray F-C SAND and Gravel Seams of ash, coal, silt (Moist-FILL) 3.5'	
		Boring Complete with Refusal at 3.5 Feet	Collected Metals Samples TB-02-20-0'-2'
5			
10			
15			
20			

iller G. Janik

Drill Rig Simco EP 200

Method Of Investigation Direct Push

Classified By: Geologist

Weather Sunny 55F

Date Start: 5/22/2002

Date End: 5/22/2002

ENVIRONMENTAL SERVICES
SUBSURFACE LOG

Boring No.: TB-02-21

Proj No.: 02-007

Project: Richmond Ave. Inv. & IRM

Location: Richmond Ave.

Client: City of Lockport/ GLDC

City of Lockport NY

Depth	Sample	Soil Classification	Notes
0			
		Gray F-C SAND trace, gravel, ash, cinders, brick	
		(Moist-FILL)	
			4.0'
5			
		Gray C GRAVEL, trace Silt (Moist-FILL)	
			7.5'
		Boring Complete with Refusal at 7.5 Feet	
10			Collected
			Metals Samples
			TB-02-21-0'-2'
			and PCB'S
			TB-02-21-0'-1'
15			
20			

Driller: G. Janik

Drill Rig: Simco EP 200

Method Of Investigation: Direct Push

Classified By: Geologist

Weather: Sunny 55F

Date Start: 5/22/2002

Date End: 5/22/2002



Boring No.: TB-02-22

Proj No.: 02-007

Project: Richmond Ave. Inv. & IRM

Location: Richmond Ave.

Client: City of Lockport/ GLDC

City of Lockport NY

Depth	Sample	Soil Classification	Notes
0		Brown-Gray F-C SAND, Little Silt (Moist-FILL)	
5		Gray-Black F-C SAND, trace brick, ash, metal,glass	
		8.0'	
		Boring Complete at 8.0 Feet	
10			
15			
20			

Driller: G. Janik

Drill Rig: Simco EP 200

Method Of Investigation: Direct Push

Classified By: Geologist

Weather: Sunny 55F

Date Start: 5/22/2002

Date End: 5/22/2002

SLC
ENVIRONMENTAL SERVICES
SUBSURFACE LOG

Boring No.: TB-02-23

Proj No.: 02-007

Project: Richmond Ave. Inv. & IRM

Client: City of Lockport/ GLDC

Location: Richmond Ave.

City of Lockport NY

Depth	Sample	Soil Classification	Notes
0			
		Black SILT, trace ash,brick, coal	
		(Moist-FILL)	2.0'
		Brown SILT (Moist)	
5		Becomes wet at 4.8'	5.0'
		Boring Complete with Refusal at 5.0 Feet	
10			Collected
			Metals Samples
			TB-02-23-0'-2'
15			
20			

Driller: G. Janik

Drill Rig: Simco EP 200

Method Of Investigation: Direct Push

Classified By: Geologist

Weather: Sunny 55F

Date Start: 5/22/2002

Date End: 5/22/2002

ENVIRONMENTAL SERVICES
SUBSURFACE LOG

Boring No.: TB-02-24

Proj No.: 02-007

Project: Richmond Ave. Inv. & IRM

Location: Richmond Ave.

Client: City of Lockport/ GLDC

City of Lockport NY

Depth	Sample	Soil Classification	Notes
0			
		Black F-C SILT trace coal, ash	Poor Recovery
		(Moist-FILL)	
5			5.0'
		Gray F-C Gravel and Sand, trace silt (Moist)	7.0'
		Boring Complete with Refusal at 7.0 Feet	
10			Collected
			Metals Samples
			TB-02-24-0'-2'
			and PCB's at
			TB-02-24-0'-1'
15			
20			

Driller: G. Janik

Drill Rig: Simco EP 200

Method Of Investigation: Direct Push

Classified By: Geologist

Weather: Sunny 55F

Date Start: 5/22/2002

Date End: 5/22/2002

ENVIRONMENTAL SERVICES
SUBSURFACE LOG

Boring No.: TB-02-25

Proj No.: 02-007

Project: Richmond Ave. Inv. & IRM

Location: Richmond Ave.

Client: City of Lockport/ GLDC

City of Lockport NY

Depth	Sample	Soil Classification	Notes
0			
		Gray-Brown F-C SAND	1.0'
		Gray GRAVEL (Moist- FILL)	2.0'
		Brown SILT (Wet)	
5			
		Red-Brown SAND seam at 7-7.4'	
			8.0'
		Boring Complete at 8.0 Feet	
10			Collected
			Metals Samples
			TB-02-25-0'-2'
15			
20			

Driller: G. Janik

Drill Rig: Simco EP 200

Method Of Investigation: Direct Push

Classified By: Geologist

Weather: Sunny 55F

ATTACHMENT 2

**SUMMARY OF VALIDATED TEST RESULTS
And FORM 1s**

**JANUARY to APRIL 2002
INVESTIGATION**



April 2, 2002

Mr. James Blasting
InteGreyted Consultants, LLC.
Syracuse Operations
104 Jamesville Road
Syracuse, New York 13214

Re: Data Validation Report (Revised)
Richmond Avenue Project
InteGreyted Project No. 0107016P

Dear Mr. Blasting:

The revised data validation summaries for the Richmond Avenue project are attached to this letter. The metals data for Friend Laboratory, Inc., SDG numbers SLCRICH1, SLCRICH2, and SLCRICH3 were revised after Alpha received additional information and revised forms from the laboratory. The selenium data was revised due to the selenium spike that was diluted beyond detection limits. Spike recoveries could not be calculated because the instrument could not detect selenium. The selenium results should not be flagged based solely on the spike data.

If you have any questions concerning the work performed, please contact me at (518) 783-1805. Thank you for the opportunity to assist InteGreyted Consultants, LLC.

Sincerely,
Alpha Environmental Consultants, Inc.

A handwritten signature in cursive script that reads "Donald Anné".

Donald Anné
Senior Chemist

DCA:dca
attachments

\\server\\main station\\alpha e\\data\\val\\2002\\02504-richmond\\blasting.lt2



**Data Usability Summary Report
for Friend Laboratory, Inc.
SDG: SLCRICH1
Sampled February 5, 2002
InteGreyted Project No. 0107016P**

Prepared by: Donald Anné
April 2, 2002

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete.

The overall performances of the analyses are acceptable, with Friend Laboratory, Inc. fulfilling the analytical requirements of ASP. The samples were extracted and analyzed within NYSDEC holding times. The data are mostly acceptable with some problems that are identified in the validation summaries.

The following reported results were flagged:

- Barium and lead results were flagged estimates (J) due to relative percent differences for the duplicate sample that were greater than the allowable maximum.
- Cadmium and chromium results were flagged estimates (J) due to percent recoveries for the CRDL samples that were outside control limits.
- Pesticide results for samples S-01-1 and S-01-IDL were flagged estimates (J) due to surrogate recoveries that were greater than the advisory limits.
- Positive semi-volatile results for sample S-01-3 were flagged estimates (J) and negative results were flagged unusable (R) due to all surrogate recoveries that were reported as less than 10%.
- Results for methylene chloride were flagged as not detected (U) due to method blank contamination.

Only data flagged "R" should be considered unusable and all other data is usable; however, estimated (J) data is associated with a higher level of quantitative uncertainty than is normally associated with the analytical method. Additional information on data quality is included in the QA/QC reviews. The QA/QC review outlines the parameters that were checked, the results, and the action taken on the data.



Data Validation

Environmental Chemistry

Lab and Field Audits

Sampling Plans

**QA/QC Review of RCRA Metals Data
for Friend Laboratory, Inc.
SDG: SLCRICH1
Sampled February 5, 2002
InteGreyted Project No. 0107016P**

Prepared by: Donald Anné
April 2, 2002

Holding Times: Samples were analyzed within NYSDEC holding times.

Initial and Continuing Calibration Verification: Percent recoveries for RCRA metals were within control limits (80-120% for mercury, 90-110% for all other metals).

CRDL Standard for AA and ICP: The percent recoveries for cadmium (125.0% and 125.0%), chromium (124.0%, 120.5%, 128.0%, 137.5%), and selenium (139.8%) were above EPA Region II QC limits (80-120%). Positive results for cadmium and chromium that are less than four times the CRDLs should be considered estimates (J). Positive results for selenium that are less than two times the CRDL should be considered estimates (J).

Blanks: Initial and continuing calibration, and preparation blanks that are associated with sample results were reported as below the CRDL, as required.

ICP Interference Check Sample: The percent recoveries for target metals were within control limits (80-120%).

Spike Sample Recovery: The percent recoveries for target metals were within control limits (75-125%) for spike sample S-01-2 S. The selenium spike sample was diluted beyond detection levels to reduce matrix interference. No action should be taken on selenium results, based solely on spike data.

Duplicates: The relative percent differences for barium (87.9%) and lead (57.1%) were above the allowable maximum (35%) for duplicate sample S-01-2 D. Positive results for barium and lead should be considered estimates (J).

Laboratory Control Sample: The recoveries for RCRA metals were within control limits for the soil LCS.

Standard Addition Results: No results were quantitated by MSA in this SDG.

ICP Serial Dilution: The %D for barium (1.6%) was below the allowable maximum (10%), as required, for serial dilution sample B-01-3-2'-4'L.

Instrument Detection Limits: All IDLs were at or below the CRDLs, as required, except lead by ICP. There were no sample results that were analyzed by ICP that reported lead as not detected.



Data Validation

Environmental Chemistry

Lab and Field Audits

Sampling Plans

**Data Usability Summary Report
for Friend Laboratory, Inc.
SDG: SLCRICH2
Sampled January 30 and 31, 2002
InteGreyted Project No. 0107016P**

Prepared by: Donald Anné
April 2, 2002

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete.

The overall performances of the analyses are acceptable, with Friend Laboratory, Inc. fulfilling the analytical requirements of ASP. The samples were extracted and analyzed within NYSDEC holding times. The data are mostly acceptable with some problems that are identified in the validation summaries.

The following reported results were flagged:

- Barium and lead results were flagged estimates (J) due to relative percent differences for the duplicate sample that were greater than the allowable maximum.
- Results for bis(2-ethylhexyl)phthalate were flagged as not detected (U) due to method blank contamination.
- Semi-volatile results for samples TP-01-6-4', TP-01-5-8', HL-1 SILTY SAND, and HL-2 were flagged estimates (J) due to internal standard areas that were outside control limits.
- Positive semi-volatile results for samples TP-01-02-6' and TP-01-01-8' were flagged estimates (J) and negative results were flagged unusable (R) due to surrogate recoveries that were reported as less than 10%.
- Volatile results for TP-01-04-12' and DUP-1-30 were flagged estimates (J) due surrogate recoveries that were above control limits.
- Results for methylene chloride were flagged as not detected (U) due to method blank contamination.

Only data flagged “R” should be considered unusable and all other data is usable; however, estimated (J) data is associated with a higher level of quantitative uncertainty than is normally associated with the analytical method. Additional information on data quality is included in the QA/QC reviews. The QA/QC review outlines the parameters that were checked, the results, and the action taken on the data.



Data Validation

Environmental Chemistry

Lab and Field Audits

Sampling Plans

**QA/QC Review of RCRA Metals Data
for Friend Laboratory, Inc.
SDG: SLCRICH2
Sampled January 30 and 31, 2002
InteGreyted Project No. 0107016P**

Prepared by: Donald Anné
April 2, 2002

Holding Times: Samples were analyzed within NYSDEC holding times.

Initial and Continuing Calibration Verification: Percent recoveries for RCRA metals were within control limits (80-120% for mercury, 90-110% for all other metals).

CRDL Standard for AA and ICP: The percent recoveries for cadmium (13.0%) and silver (72.0% and 71.5%) were less than EPA Region II QC limits (80-120%). Results for cadmium and silver that are less than four times the CRDLs should be considered estimates (J).

Blanks: Initial and continuing calibration, and preparation blanks that are associated with sample results were reported as below the CRDL, as required.

ICP Interference Check Sample: The percent recoveries for target metals were within control limits (80-120%).

Spike Sample Recovery: Spike sample data was not provided in this SDG. Using the data from SDG SCLRICH1, the percent recoveries for target metals were within control limits (75-125%) for spike sample S-01-2 S. The selenium spike sample was diluted beyond detection levels to reduce matrix interference. No action should be taken on selenium results, based solely on the spike data.

Duplicates: Duplicate data was not provided in this SDG. Using the data from SDG SCLRICH1, the relative percent differences for barium (87.9%) and lead (57.1%) were above the allowable maximum (35%) for duplicate sample S-01-2 D. Positive results for barium and lead should be considered estimates (J).

Laboratory Control Sample: The recoveries for RCRA metals were within control limits for the soil LCS.

Standard Addition Results: No results were quantitated by MSA in this SDG.

ICP Serial Dilution: Serial dilution sample data was not provided in this SDG. Using the data from SDG SCLRIC1, the %D for barium (1.6%) was below the allowable maximum (10%) for serial dilution sample B-01-3-2'-4'L.

Instrument Detection Limits: All IDLs were at or below the CRDLs, as required, except lead by ICP. There were no sample results that were analyzed by ICP that reported lead as not detected.



Data Validation

Environmental Chemistry

Lab and Field Audits

Sampling Plans

**Data Usability Summary Report
for Friend Laboratory, Inc.
SDG: SLCRICH3
Sampled January 28 and 29, 2002
InteGreyted Project No. 0107016P**

Prepared by: Donald Anné
April 2, 2002

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete.

The overall performances of the analyses are acceptable, with Friend Laboratory, Inc. fulfilling the analytical requirements of ASP. The samples were extracted and analyzed within NYSDEC holding times. The data are mostly acceptable with some problems that are identified in the validation summaries.

The following reported results were flagged:

- Barium, cadmium, chromium, lead, and mercury results were flagged estimates (J) due to percent recoveries for the spike samples that were outside the control limits, and relative percent differences for the duplicate sample that were greater than the allowable maximum.
- Results for bis(2-ethylhexyl)phthalate were flagged as not detected (U) due to method blank contamination.
- Positive semi-volatile results for sample TB-01-16-12' were flagged estimates (J) and neagative results were flagged unusable (R) due to surrogate recoveries that were reported as less than 10%.
- Volatile results for sample MW-01-1-11' were flagged estimates (J) due a surrogate recovery that was above control limits.
- Results for methylene chloride were flagged as not detected (U) due to method blank contamination.

Data Usability Summary Report
SDG: SLCRICH3

Only data flagged "R" should be considered unusable and all other data is usable; however, estimated (J) data is associated with a higher level of quantitative uncertainty than is normally associated with the analytical method. Additional information on data quality is included in the QA/QC reviews. The QA/QC review outlines the parameters that were checked, the results, and the action taken on the data.



**QA/QC Review of RCRA Metals Data
for Friend Laboratory, Inc.
SDG: SLCRICH3
Sampled January 28 and 29, 2002
InteGreyted Project No. 0107016P**

Prepared by: Donald Anné
April 2, 2002

Holding Times: Samples were analyzed within NYSDEC holding times.

Initial and Continuing Calibration Verification: Percent recoveries for RCRA metals that are associated with samples were within control limits (80-120% for mercury, 90-110% for all other metals).

CRDL Standard for AA and ICP: The percent recoveries for arsenic (122.0%), cadmium (61.0% and 130.0%), chromium (126.5%), selenium (139.8%), and silver (72.0%, 77.5%, 71.5%, and 68.0%) were above EPA Region II QC limits (80-120%). Positive results for cadmium, chromium, and silver that are less than four times the CRDLs should be considered estimates (J). Positive results for arsenic and selenium that are less than two times the CRDL should be considered estimates (J).

Blanks: Initial and continuing calibration, and preparation blanks that are associated with sample results were reported as below the CRDL, as required.

ICP Interference Check Sample: The percent recoveries for target metals that are associated with samples were within control limits (80-120%).

Spike Sample Recovery: The percent recoveries for barium (133.7%) and chromium (129.8%) were above control limits (75-125%) for spike sample 1-29 S. Positive results for barium and chromium should be considered estimates (J) in associated samples. The percent recoveries for barium (51.6%), chromium (68.6%), and lead (3.5%) were below control limits (75-125%) for spike sample 1-29-2 S. Results for barium, chromium, and lead should be considered estimates (J) and negative results for lead should be considered unusable (R) in associated samples. The percent recovery for mercury (0%) was below control limits (75-125%) for spike sample TB-01-29-4'-8' S. Positive results for mercury should be considered estimates (J) and negative results unusable (R) in associated samples.

The percent recoveries for cadmium (68.3%) and lead (209.3%) were outside control limits (75-125%) for spike sample TB-01-3-2'-4' S. Results for cadmium and lead should be considered estimates (J) and negative results for lead should be considered unusable (R) in associated samples. The selenium spike for spike sample was diluted beyond detection levels due to a five fold dilution needed to reduce matrix interference. No action should be taken on selenium results, based solely on the spike data.

Duplicates: The relative percent differences for cadmium (59.9%) and chromium (52.9%) were above the allowable maximum (35%) for duplicate sample 1-29 D. Positive results for cadmium and chromium should be considered estimates (J) in associated samples. The relative percent differences for barium (83.8%), cadmium (55.1%), chromium (35.1%), and lead (51.7%) were above the allowable maximum (35%) for duplicate sample 1-29-2 D. Positive results for barium, cadmium, chromium, and lead should be considered estimates (J) in associated samples. The relative percent differences for barium (88.9%), lead (150.5%), and mercury (38.6%) were above the allowable maximum (35%) for duplicate sample TB-01-29-4'-8' D. Positive results for barium, lead, and mercury should be considered estimates (J) in associated samples. The relative percent difference for mercury (61.7%) was above the allowable maximum (35%) for duplicate sample TB-01-3-2'-4' D. Positive results for mercury should be considered estimates (J) in associated samples.

Laboratory Control Sample: The recoveries for RCRA metals were within control limits for the soil LCS.

Standard Addition Results: No results were quantitated by MSA in this SDG.

ICP Serial Dilution: The %Ds for applicable metals were below the allowable maximum (10%), as required, for serial dilution samples TB-01-10-0'-2'L, TB-01-16-0'-2'L, TB01-29-0'-04'L and TB-01-8-2'-2'L.

Instrument Detection Limits: All IDLs were at or below the CRDLs, as required, except lead by ICP. There were no sample results that were analyzed by ICP that reported lead as not detected.



ENVIRONMENTAL MONITORING • MICROBIOLOGY
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INFORMATION MANAGEMENT

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

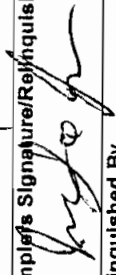
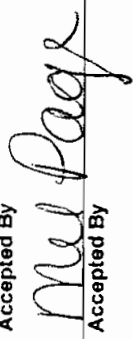
SLC ENVIRONMENTAL SERVICES, INC.

RICHMOND AVENUE

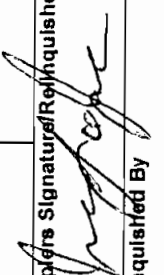
SAMPLED: JANUARY 28 & 29, 2002

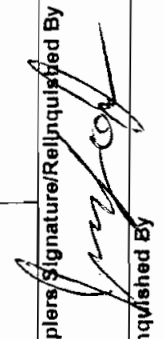
FLI Friend Laboratory, Inc. 1 Research Circle Waverly, NY 14892 Phone: (607)-565-3500 Fax: (607)-565-4083	Untreated Sodium thiosulfate HCL pH < 2 Ascorbic acid & HCL pH < 2 HNO3 pH < 2 H2SO4 pH < 2 NaOH pH > 12 NaOH & Zinc acetate pH > 9 Acetic Buffer pH < 3 Sodium Sulfite	Client: SLC Environmental Service, Inc. Attn to: Jerry Jones Address: 295 Mill Street Lockport, NY 14094 Phone: 716-433-0776 X15 Fax: 716-433-0802	Invoice to: same Attn to: Address:
Sample Site: Richman Avenue P.O. # 02-007-001		Project No./Name:	Copy To: same Address: 83043
Date & Time of Sample Collection	Number of Containers	Analyses / Tests Requested	Sample Number (Lab Use Only)
1/28/02 10:20	1 Description: Grab Matrix: soil	✓ RCRA metals, % solids	-1
1/28/02 10:20 ~~11:04~~	1 Description: Grab Matrix: soil	✓ RCRA metals, % solids	-2
1/28/02 11:04	1 Description: Grab Matrix: soil	RCRA metals, % solids	-3
1/28/02 11:04	1 Description: Grab Matrix: soil	RCRA metals, % solids	-4
Samples Signature/Relinquished By 	Accepted By Melanni Page Date / Time 1/28/02 4:00	Date / Time 1/30/02 8:05 Date / Time 1/3	Notes to Laboratory NYS ASP Cat. B deliverables
Relinquished By	Date / Time	Date / Time	Suspected Contamination Level None Slight Moderate High (please circle)
Relinquished By	Date / Time	Date / Time	Suspected Contamination Level None Slight Moderate High (please circle)

FLI		Friend Laboratory, Inc. 1 Research Circle Waverly, NY 14892 Phone: (607)-565-3500 Fax: (607)-565-4083		Client: SLC Environmental Service, Inc. Attn to: Jerry Jones Address: 295 Mill Street Lockport, NY 14094 Phone: 716-433-0776 X15 Fax: 716-433-0802										Invoice to: same Attn to: Address:	
Sample Site: Richman Avenue P.O. # 02-007-001		Project No./Name: RETURNED AVE J02-07										Copy To: same Address: 83043			
Date & Time of Sample Collection	Origin	Number of Containers										Analyses / Tests Requested	Sample Number (Lab Use Only)		
1/28/02 1:10	TB-01-4-0'-2'	1											RCRA metals, % solids	-5	
		Description: Grab Matrix: soil													
1:10	TB-01-4-2'-4'	1											RCRA metals, % solids	-6	
		Description: Grab Matrix: soil													
1/28/02 1:20	TB-01-5-0'-2'	1											RCRA metals, % solids	-7	
		Description: Grab Matrix: soil													
1/28/02 1:20	TB-01-5-2'-4'	1											RCRA metals, % solids	-8	
		Description: Grab Matrix: soil													
Samplers Signature/Relinquished By hypocoffee		Date / Time 1/28/02 4:00		Accepted By Mellpaugh		Date / Time 1/30/05		Notes to Laboratory NYS ASP Cat. B deliverables							
Relinquished By		Date / Time		Accepted By		Date / Time		Suspected Contamination Level None Slight Moderate High (please circle)							

FLI Friend Laboratory, Inc. 1 Research Circle Waverly, NY 14892 Phone: (607)-565-3500 Fax: (607)-565-4083	Client: SLC Environmental Service, Inc. Attn to: Jerry Jones Address: 295 Mill Street Lockport, NY 14094 Phone: 716-433-0776 X15 Fax: 716-433-0802										Invoice to: same Attn to: Address:		
	Sample Site: Richman Avenue P.O. # 02-007-001										Copy To: same Address:		
Date & Time of Sample Collection 1/28/02 2:00		Origin MW-01-1-11'		Number of Containers 2						Analyses / Tests Requested TCL VOAs and SVOAs, % solids		Sample Number (Lab Use Only) -9	
1/28/02 2:20		TB-01-16-12'		Description: Grab Matrix: soil						TCL VOAs and SVOAs, % solids		-10	
				Description: Grab Matrix: soil						TCL VOAs and SVOAs, % solids			
				Description: Grab Matrix: soil						TCL VOAs and SVOAs, % solids			
				Description: Grab Matrix: soil						TCL VOAs and SVOAs, % solids			
Samples Signature/Relinquished By 		Date / Time 1/28/02 4:00		Accepted By 		Date / Time 1/30/05		Notes to Laboratory NYS ASP Cat. B deliverables					
Relinquished By		Date / Time		Accepted By		Date / Time		Suspected Contamination Level None Slight Moderate High (please circle)					

FLI Friend Laboratory, Inc. 1 Research Circle Waverly, NY 14892 Phone: (607)-565-3500 Fax: (607)-565-4083	Client: SLC Environmental Service, Inc. Attn to: Jerry Jones Address: 295 Mill Street Lockport, NY 14094 Phone: 716-433-0776 X15 Fax: 716-433-0802										Invoice to: same Attn to: Address:		
	Sample Site: Richman Avenue P.O. # 02-007-001										Copy To: same Address: 83043		
Date & Time of Sample Collection 1/28/02 2:20	Origin TB-01-16-01-2	Number of Containers 1										Analyses / Tests Requested RCRA metals, % solids	Sample Number (Lab Use Only) -11
		Description: Grab Matrix: soil											
1/28/02 2:20	TB-01-16-21-4	Description: Grab Matrix: soil										RCRA metals, % solids	-12
		Description: Grab Matrix: soil											
1/28/02 2:44	TB-01-15-01-2	Description: Grab Matrix: soil										RCRA metals, % solids	-13
		Description: Grab Matrix: soil											
1/28/02 2:44	TB-01-15-21-4	Description: Grab Matrix: soil										RCRA metals, % solids	-14
		Description: Grab Matrix: soil											
Samplers Signature/Relinquished By <i>[Signature]</i>		Date / Time 1/28/02 4:00		Accepted By <i>[Signature]</i>		Date / Time 1/30/02		Notes to Laboratory NYS ASP Cat. B deliverables					
Relinquished By		Date / Time		Accepted By		Date / Time		Suspected Contamination Level None Slight Moderate High (please circle)					

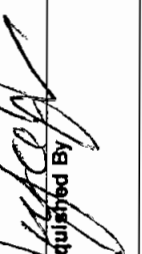
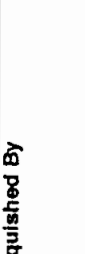
FLI Friend Laboratory, Inc. 1 Research Circle Waverly, NY 14892 Phone: (607)-565-3500 Fax: (607)-565-4083	Sample Site: Richman Avenue P.O. # 02-007-001	Client: SLC Environmental Service, Inc. Attn to: Jerry Jones Address: 295 Mill Street Lockport, NY 14094 Phone: 716-433-0776 X15 Fax: 716-433-0802	Invoice to: same Attn to: Address:
Sodium thiosulfate HCL pH <2 Ascorbic acid & HCL pH <2 HNO3 pH <2 H2SO4 pH <2 NaOH pH >12 NaOH & Zinc acetate pH >9 Acetic Buffer pH <3 Sodium Sulfite	Project No./Name: RICHMOND AVE J02-07	Copy To: same Address:	Copy To: same Address:
Number of Containers	Analyses / Tests Requested	Sample Number (Lab Use Only)	
1 Description: Grab Matrix: soil	RCRA metals, % solids	-15, -77	
1 Description: Grab Matrix: soil	RCRA metals, % solids	-100	
1 Description: Grab Matrix: soil	RCRA metals, % solids		
1 Description: Grab Matrix: soil	RCRA metals, % solids		
Date / Time 1/28/02 2:56	Date / Time 1/30 805	Date / Time 1/30 805	Date / Time 1/30 805
Relinquished By 	Accepted By Mel Paetz	Accepted By Mel Paetz	Accepted By Mel Paetz
Relinquished By	Accepted By	Accepted By	Accepted By
Relinquished By	Date / Time	Date / Time	Date / Time
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Relinquished By	Date / Time	Date / Time	Date / Time

FLI Friend Laboratory, Inc. 1 Research Circle Waverly, NY 14892 Phone: (607)-565-3500 Fax: (607)-565-4083	Client: SLC Environmental Service, Inc. Attn to: Jerry Jones Address: 295 Mill Street Lockport, NY 14094 Phone: 716-433-0776 X15 Fax: 716-433-0802	Invoice to: same Attn to: Address:
Sample Site: Richman Avenue P.O. # 02-007-001	Project No./Name: RICHMAN AVE J02-07	Copy To: same Address:
Date & Time of Sample Collection 01-28-02 9:15	Origin TB-01-4-01-21	Number of Containers 1
//	TB-01-4-21-41	Description: Grab Matrix: soil
01-28-02 9:40	TB-01-3-01-2	Description: Grab Matrix: soil
//	TB-01-3-21-4	Description: Grab Matrix: soil
01-28-02 9:40	TB-01-3-01-2	Description: Grab Matrix: soil
//	TB-01-3-21-4	Description: Grab Matrix: soil
Relinquished By 	Date / Time 1/28/02 4:00	Accepted By Mettaph
Relinquished By	Date / Time	Accepted By
Relinquished By	Date / Time	Accepted By
Analyses / Tests Requested	Sample Number (Lab Use Only)	Notes to Laboratory NYS ASP Cat. B deliverables
RCRA metals, % solids	-17	Suspected Contamination Level None Slight Moderate High (please circle)
RCRA metals, % solids	-18	Suspected Contamination Level None Slight Moderate High (please circle)
RCRA metals, % solids	-19	Suspected Contamination Level None Slight Moderate High (please circle)
RCRA metals, % solids	-20	Suspected Contamination Level None Slight Moderate High (please circle)

FLI Friend Laboratory, Inc. 1 Research Circle Waverly, NY 14892 Phone: (607)-565-3500 Fax: (607)-565-4083	Client: SLC Environmental Service, Inc. Attn to: Jerry Jones Address: 295 Mill Street Lockport, NY 14094 Phone: 716-433-0776 X15 Fax: 716-433-0802	Invoice to: same Attn to: Address:	Project No./Name: Richmonds Ave J02-07	Copy To: same Address:	Sample Number (Lab Use Only)
Sodium thiosulfate HCL pH >2 Ascorbic acid & HCL pH >2 HNO3 pH >2 H2SO4 pH >2 NaOH pH >12 NaOH & Zinc acetate pH >9 Acetic Buffer pH >3 Sodium Sulfite	Number of Containers	Analyses / Tests Requested	RCRA metals, % solids	RCRA metals, % solids	RCRA metals, % solids
1 Description: Grab Matrix: soil	1 Description: Grab Matrix: soil	1 Description: Grab Matrix: soil	1 Description: Grab Matrix: soil	1 Description: Grab Matrix: soil	1 Description: Grab Matrix: soil
Date & Time of Sample Collection 01-28-02 10:00	Origin TB-01-7-0'-2	Date / Time 1/30/05	Date / Time 1/30/05	Date / Time 1/30/05	Date / Time 1/30/05
Sample Site: Richman Avenue P.O. # 02-007-001	Relinquished By 	Relinquished By 	Relinquished By 	Relinquished By 	Relinquished By 

 Suspected Contamination Level
 None Slight Moderate High
 (please circle)

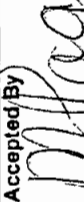
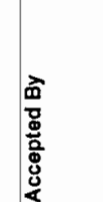
FLI	Friend Laboratory, Inc. 1 Research Circle Waverly, NY 14892 Phone: (607)-565-3500 Fax: (607)-565-4083	Client: SLC Environmental Service, Inc. Attn to: Jerry Jones Address: 295 Mill Street Lockport, NY 14094 Phone: 716-433-0776 X15 Fax: 716-433-0802										Invoice to: same Attn to: Address:	
	Sample Site: Richman Avenue P.O. # 02-007-001	Project No./Name: RICHMAN AVE J02-07										Copy To: same Address:	
Date & Time of Sample Collection 1/28/02 10:35	Origin TB-01-8-01-2	Number of Containers										Analyses / Tests Requested RCRA metals, % solids	Sample Number (Lab Use Only) -25
		Untreated	Sodium thiosulfate	HCL pH <2	Ascorbic acid & HCL pH <2	HNO3 pH <2	H2SO4 pH <2	NaOH pH >12	NaOH & Zinc acetate pH >9	Acetic Buffer pH <3	Sodium Sulfite		
1/28/02 10:35	TB-01-8-01-2	Description: Grab Matrix: soil										RCRA metals, % solids	-26
		Description: Grab Matrix: soil											
—	DUP - 1/28/02 DUP 1/28/02	Description: Grab Matrix: soil										RCRA metals, % solids	-27
		Description: Grab Matrix: soil											
—	H01-28	Description: Grab Matrix: soil										RCRA metals, % solids	-28
		Description: Grab Matrix: soil											
Samplers Signature/Relinquished By <i>[Signature]</i>		Date / Time 1/28/02 14:00	Accepted By <i>[Signature]</i>	Date / Time 1/30/02	Notes to Laboratory NYS ASP Cat. B deliverables								
Relinquished By		Date / Time	Accepted By	Date / Time									
Relinquished By		Date / Time	Accepted By	Date / Time			Suspected Contamination Level None Slight Moderate High (please circle)						

FLI Friend Laboratory, Inc. 1 Research Circle Waverly, NY 14892 Phone: (607)-565-3500 Fax: (607)-565-4083	Sample Site: Richman Avenue P.O. # 02-007-001	Untreated Sodium thiosulfate HCL pH <2 Ascorbic acid & HCL pH <2 HNO3 pH <2 H2SO4 pH <2 NaOH pH >12 NaOH & Zinc acetate pH >9 Acetic Buffer pH <3 Sodium Sulfite	Client: SLC Environmental Service, Inc. Attn to: Jerry Jones Address: 235 Mill Street Lockport, NY 14094 Phone: 716-433-0776 X15 Fax: 716-433-0802	Invoice to: same Attn to: Address:
Project No./Name: Richmond Ave JO2-007	Copy To: same Address:	Analyses / Tests Requested	Sample Number (Lab Use Only)	83043
Date & Time of Sample Collection: 11/24/02 3:30	Origin TB-01-10-41-81	Number of Containers 1 Description: Grab Matrix: soil	RCRA metals, % solids	-29
11/29/02 3:30	TB-01-6-41-81	1 Description: Grab Matrix: soil	RCRA metals, % solids	-30
11/29/02 3:30	TB-01-9-41-81	1 Description: Grab Matrix: soil	RCRA metals, % solids	-31
11/29/02 3:30	TB-01-14-41-71	1 Description: Grab Matrix: soil	RCRA metals, % solids	-32
Sample Signature/Relinquished By 	Date / Time 1/29/02 4:00	Accepted By Milaner Page	Date / Time 1/30/02 1:54	Notes to Laboratory NYS ASP Cat. B deliverables 3.2
Relinquished By 	Date / Time 1/29/02 4:00	Accepted By	Date / Time 1/30/02 1:54	Suspected Contamination Level None Slight Moderate High (please circle)

FLI Friend Laboratory, Inc. 1 Research Circle Waverly, NY 14892 Phone: (607)-565-3500 Fax: (607)-565-4083	Client: SLC Environmental Service, Inc. Attn to: Jerry Jones Address: 295 Mill Street Lockport, NY 14094 Phone: 716-433-0776 X15 Fax: 716-433-0802						Invoice to: same Attn to: Address:		
	Sample Site: Richman Avenue P.O. # 02-007-001						Copy To: same Address:		
Date & Time of Sample Collection 1/29/02 12:14P		Origin MS/MSD 1-24-2		Number of Containers 2			Analyses / Tests Requested RCRA metals, % solids		Sample Number (Lab Use Only) -33, 34, 35
1/29 12:14P		TB-01-21-4-6		Description: Grab Matrix: soil			RCRA metals, % solids		-36
1/29 12:14P		TB-01-21-06-2		Description: Grab Matrix: soil			RCRA metals, % solids		-37
1/29 12:14P				Description: Grab Matrix: soil			RCRA metals, % solids		~~-38~~
Relinquished By <i>[Signature]</i>		Relinquished By <i>[Signature]</i>		Date / Time 1/29/02 4:00 PM		Date / Time 1/30/02		Notes to Laboratory NYS ASP Cat. B deliverables	
Relinquished By		Accepted By <i>[Signature]</i>		Date / Time 1/29/02 4:00 PM		Date / Time 1/30/02		Suspected Contamination Level None Slight Moderate High (please circle)	

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Sample Site: Richman Avenue P.O. # 02-007-001		Project No./Name: RICHMAN AVE J02-07										Copy To: same Address:	
Date & Time of Sample Collection 1/29/02 8:00		Origin TB-01-12-01-2'		Number of Containers 1						Analyses / Tests Requested RCRA metals, % solids		Sample Number (Lab Use Only) -38	
1/28/02 8:00		TB-01-12-2'-4'		Description: Grab Matrix: soil						RCRA metals, % solids		-39	
1/28/02 8:14		TB-01-14-01-2'		Description: Grab Matrix: soil						RCRA metals, % solids		-40	
1/28/02 8:14		TB-01-14-2'-4'		Description: Grab Matrix: soil						RCRA metals, % solids		-41	
Relinquished By [Signature]		Relinquished By [Signature]		Date / Time 1/29/02 4:00		Accepted By [Signature]		Date / Time 1/30/02 15:40		Notes to Laboratory NYS ASP Cat. B deliverables		Suspected Contamination Level None Slight Moderate High (please circle)	

FLI Friend Laboratory, Inc. 1 Research Circle Waverly, NY 14892 Phone: (607)-565-3500 Fax: (607)-565-4083	Sample Site: Richman Avenue P.O. # 02-007-001	Untreated Sodium thiosulfate HCL pH < 2 Ascorbic acid & HCL pH < 2 HNO3 pH < 2 H2SO4 pH < 2 NaOH pH > 12 NaOH & Zinc acetate pH > 9 Acetic Buffer pH < 3 Sodium Sulfite	Attn to: Jerry Jones Address: 295 Mill Street Lockport, NY 14094 Phone: 716-433-0776 X15 Fax: 716-433-0802	Project No./Name: RICHMAN AVE J02-07	Invoice to: same Attn to: Address:
Date & Time of Sample Collection 1/29/02	Origin DUP-1-29-02	Number of Containers 1	Analyses / Tests Requested RCRA metals, % solids	Copy To: same Address:	Sample Number (Lab Use Only) 46
1/29/02 10:00	MS/MSD-1-29	Description: Grab Matrix: soil 2	RCRA metals, % solids MS/MSD	47,48,49	51
1/29/02 10:00	TB 01-10-01-2	Description: Grab Matrix: soil 1	RCRA metals, % solids	30	51
1/29/02 10:00	TB 01-10-21-4	Description: Grab Matrix: soil 1	RCRA metals, % solids	30	51
Relinquished By [Signature]	Relinquished By [Signature]	Date / Time 1/29/02 4:00	Date / Time 1/30/02	Accepted By [Signature]	Notes to Laboratory NYS ASP Cat. B deliverables
Relinquished By	Relinquished By	Date / Time	Date / Time	Accepted By	Suspected Contamination Level None Slight Moderate High (please circle)

FLI Friend Laboratory, Inc. 1 Research Circle Waverly, NY 14892 Phone: (607)-565-3500 Fax: (607)-565-4083	Client: SLC Environmental Service, Inc. Attn to: Jerry Jones Address: 235 Mill Street Lockport, NY 14094 Phone: 716-433-0776 X15 Fax: 716-433-0802	Sodium thiosulfate HCL pH > Ascorbic acid & HCL pH > HNO3 pH > H2SO4 pH > NaOH pH >12 NaOH & Zinc acetate pH >9 Acetic Buffer pH > Sodium Sulfite	Invoice to: same Attn to: Address:
Sample Site: Richman Avenue P.O. # 02-007-001	Project No./Name: RICHMOND AVE JOZ-07	Copy To: same Address:	Copy To: same Address:
Date & Time of Sample Collection 10105 1/29/02	Origin TB-01-11-2'-4'	Number of Containers 1	Analyses / Tests Requested RCRA metals, % solids
10805 1/29/02	TB-01-11-0'-2'	Description: Grab Matrix: soil	52
10151 1/29/02	TB-01-26-0'-2'	Description: Grab Matrix: soil	53
10151 1/29/02	TB-01-26-0'-2'	Description: Grab Matrix: soil	54
10151 1/29/02	TB-01-26-4'-6'5'	Description: Grab Matrix: soil	55
Samplers Signature/Relinquished By 	Date / Time 1/29/02 4:00	Accepted By 	Date / Time 1/30/02
Relinquished By 	Date / Time 1/30/02	Accepted By 	Date / Time 1/30/02
Relinquished By 	Date / Time 1/30/02	Accepted By 	Date / Time 1/30/02
Suspected Contamination Level None Slight Moderate High (please circle)	Suspected Contamination Level None Slight Moderate High (please circle)	Notes to Laboratory NYS ASP Cat. B deliverables	Notes to Laboratory NYS ASP Cat. B deliverables

FLI Friend Laboratory, Inc. 1 Research Circle Waverly, NY 14892 Phone: (607)-565-3500 Fax: (607)-565-4083	Sample Site: Richman Avenue P.O. # 02-007-001	Client: SLC Environmental Service, Inc. Attn to: Jerry Jones Address: 295 Mill Street Lockport, NY 14094 Phone: 716-433-0776 X15 Fax: 716-433-0802 Project No./Name: RICHMOND AVE J02-007	Untreated Sodium thiosulfate HCL pH > Ascorbic acid & HCL pH > HNO3 pH > H2SO4 pH > NaOH pH >12 NaOH & Zinc acetate pH >9 Acetic Buffer pH > Sodium Sulfite	Invoice to: same Attn to: Address: Copy To: same Address:
Date & Time of Sample Collection	Origin	Number of Containers	Analyses / Tests Requested	Sample Number (Lab Use Only)
11:10 1/29/02	TB-01-25-2-4	1 Description: Grab Matrix: soil	RCRA metals, % solids	56
11:34 1/29/02	TB-01-20-0-2	1 Description: Grab Matrix: soil	RCRA metals, % solids	57
11:44 1/29/02	TB-01-20-4-6	1 Description: Grab Matrix: soil	RCRA metals, % solids	58
11:47 1/29/02	TB-01-19-2-4	1 Description: Grab Matrix: soil	RCRA metals, % solids	59
Relinquished By 	Relinquished By 	Date / Time 1/29/02 4:00 Accepted By M. Page	Date / Time 1/30/02 Accepted By	Notes to Laboratory NYS ASP Cat. B deliverables
Relinquished By	Relinquished By	Date / Time Accepted By	Date / Time Accepted By	Suspected Contamination Level None Slight Moderate High (please circle)

FLI Friend Laboratory, Inc. 1 Research Circle Waverly, NY 14892 Phone: (607)-565-3500 Fax: (607)-565-4083	Client: SLC Environmental Service, Inc. Attn to: Jerry Jones Address: 295 Mill Street Lockport, NY 14094 Phone: 716-433-0776 X15 Fax: 716-433-0802	Invoice to: same Attn to: Address:
Sample Site: Richman Avenue P.O. # 02-007-001	Project No./Name: RICHMOND AVE J02-007	Copy To: same Address: 8304B
Date & Time of Sample Collection 11/04 11/29/02	Origin TB-01-24-21-4	Number of Containers 1 Description: Grab Matrix: soil
Date & Time of Sample Collection 11/04 11/29/02	Origin TB-01-24-61-81	Number of Containers 1 Description: Grab Matrix: soil
Date & Time of Sample Collection 11/17 11/29/02	Origin TB-01-23-01-2	Number of Containers 1 Description: Grab Matrix: soil
Date & Time of Sample Collection 11/17 11/29/02	Origin TB-01-23-41-61	Number of Containers 1 Description: Grab Matrix: soil
Date & Time of Sample Collection 11/29/02	Origin TB-01-23-41-61	Number of Containers 1 Description: Grab Matrix: soil
Date & Time of Sample Collection 11/29/02	Origin TB-01-23-41-61	Number of Containers 1 Description: Grab Matrix: soil
Date & Time of Sample Collection 11/29/02	Origin TB-01-23-41-61	Number of Containers 1 Description: Grab Matrix: soil
Date & Time of Sample Collection 11/29/02	Origin TB-01-23-41-61	Number of Containers 1 Description: Grab Matrix: soil
Date & Time of Sample Collection 11/29/02	Origin TB-01-23-41-61	Number of Containers 1 Description: Grab Matrix: soil
Date & Time of Sample Collection 11/29/02	Origin TB-01-23-41-61	Number of Containers 1 Description: Grab Matrix: soil
Date & Time of Sample Collection 11/29/02	Origin TB-01-23-41-61	Number of Containers 1 Description: Grab Matrix: soil

FLI	Friend Laboratory, Inc. 1 Research Circle Waverly, NY 14892 Phone: (607)-565-3500 Fax: (607)-565-4083		Client: SLC Environmental Service, Inc. Attn to: Jerry Jones Address: 295 Mill Street Lockport, NY 14094 Phone: 716-433-0776 X15 Fax: 716-433-0802							Invoice to: same Attn to: Address:				
	Sample Site: Richman Avenue P.O. # 02-007-001		Project No./Name:							Copy To: same Address:				
Date & Time of Sample Collection			Origin			Number of Containers			Analyses / Tests Requested			Sample Number (Lab Use Only)		
1:30 1/24/01			TB-01-22-01-2			1			RCRA metals, % solids			604		
1:30 1/24/01			TB-01-22-21-4			1			RCRA metals, % solids			- 605		
1:30 1/24/01			DUP-1-24-3			1			RCRA metals, % solids			- 606		
1:30 1/24/01						1			RCRA metals, % solids			- 607		
Relinquished By			Relinquished By			Date / Time			Accepted By			Date / Time		
Jeffrey Green			M. P. Ag			1/24/02 4:00			1/30 15:00			NYS ASP Cat. B deliverables		
Relinquished By			Accepted By			Date / Time			Date / Time			Suspected Contamination Level None Slight Moderate High (please circle)		

FLI Friend Laboratory, Inc. 1 Research Circle Waverly, NY 14892 Phone: (607)-565-3500 Fax: (607)-565-4083	Client: SLC Environmental Service, Inc. Attn to: Jerry Jones Address: 295 Mill Street Lockport, NY 14094 Phone: 716-433-0776 X15 Fax: 716-433-0802	Invoice to: same Attn to: Address:
Sample Site: Richman Avenue C.O. # 02-007-001	Project No./Name: RICHMAN AVE J02-007	Copy To: same Address:
Date & Time of Sample Collection 2:11 1/29/02	Origin TB-01-27-01-2	Number of Containers 1
Date & Time of Sample Collection 2:11 1/29/02	Origin TB-01-27-41-5	Number of Containers 1 Description: Grab Matrix: soil
Date & Time of Sample Collection 2:20 1/29/02	Origin TB-01-28-21-4	Number of Containers 1 Description: Grab Matrix: soil
Date & Time of Sample Collection 2:20 1/29/02	Origin TB-01-28-61-7	Number of Containers 1 Description: Grab Matrix: soil
Date & Time of Sample Collection 2:20 1/29/02	Origin TB-01-28-61-7	Number of Containers 1 Description: Grab Matrix: soil
Date & Time of Sample Collection 2:20 1/29/02	Origin TB-01-28-61-7	Number of Containers 1 Description: Grab Matrix: soil
Date & Time of Sample Collection 2:20 1/29/02	Origin TB-01-28-61-7	Number of Containers 1 Description: Grab Matrix: soil
Date & Time of Sample Collection 2:20 1/29/02	Origin TB-01-28-61-7	Number of Containers 1 Description: Grab Matrix: soil
Date & Time of Sample Collection 2:20 1/29/02	Origin TB-01-28-61-7	Number of Containers 1 Description: Grab Matrix: soil

FLI Friend Laboratory, Inc. 1 Research Circle Waverly, NY 14892 Phone: (607)-565-3500 Fax: (607)-565-4083		Client: SLC Environmental Service, Inc. Attn to: Jerry Jones Address: 295 Mill Street Lockport, NY 14094 Phone: 716-433-0776 X15 Fax: 716-433-0802										Invoice to: same Attn to: Address:	
Sample Site: Richman Avenue P.O. # 02-007-001		Project No./Name: RICHMOND AVE J02-007										Copy To: same Address:	
Date & Time of Sample Collection 2140 1/24/02		Origin TB-01-30-21-41		Number of Containers 1						Analyses / Tests Requested RCRA metals, % solids		Sample Number (Lab Use Only) 71	
2140 1/24/02		TB-01-30-41-61		Description: Grab Matrix: soil						RCRA metals, % solids		72	
3100 1/24/02		TB-01-29-01-4		Description: Grab Matrix: soil						RCRA metals, % solids		73	
3100 1/24/02		TB-01-29-41-8		Description: Grab Matrix: soil						RCRA metals, % solids		74	
Relinquished By [Signature]		Relinquished By [Signature]		Date / Time 1/24/02 4:00		Accepted By [Signature]		Date / Time 1/30/02		Notes to Laboratory NYS ASP Cat. B deliverables		Suspected Contamination Level None Slight Moderate High (please circle)	



ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-3

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TB-01-1-01-21
Description: GRAB
Sampled On: 28-JAN-02 11:04 by CLIENT
Date Received: 30-JAN-02 08:05
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	85.1	%		30-JAN-02 00:00	CLP 3.0	01-202-26
Arsenic	4.1	mg/kg	0.520	01-FEB-02 00:00	EPA 206.2 CLPM	01-178-27
Barium	66.9	mg/kg	0.233	07-FEB-02 12:15	EPA 200.7 CLPM	02-017-01
Cadmium	2.18 J	mg/kg	0.582	07-FEB-02 12:15	EPA 200.7 CLPM	02-017-01
Chromium	8.05	mg/kg	1.16	07-FEB-02 12:15	EPA 200.7 CLPM	02-017-01
Lead	57.8 J	mg/kg	2.56	07-FEB-02 12:15	EPA 200.7 CLPM	02-017-01
Mercury	0.058 J	mg/kg	0.0250	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	UW R	mg/kg	1.60	14-FEB-02 00:00	EPA 270.2 CLPM	01-180-29
Analysis Comment: W-Post spike recovery out of limits.						
Silver	U	mg/kg	0.814	07-FEB-02 12:15	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

Page 1 of 1

QC oak NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: John O'Keefe
Lab Director

Y:	ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
	mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
	B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

The information in this report is accurate to the best of our knowledge and ability. In no event shall our liability exceed the cost of these services. Your samples will be discarded after 14 days unless we are advised otherwise.



ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-4

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

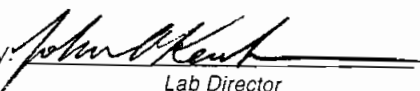
Sample Source: RICHMOND AVENUE
Origin: TB-01-1-2'-4'
Description: GRAB
Sampled On: 28-JAN-02 11:04 by CLIENT
Date Received: 30-JAN-02 08:05
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	95.3	%		30-JAN-02 00:00	CLP 3.0	01-202-26
Arsenic	8.4	mg/kg	0.500	01-FEB-02 00:00	EPA 206.2 CLPM	01-178-27
Barium	10 B	mg/kg	0.200	07-FEB-02 12:17	EPA 200.7 CLPM	02-017-01
Cadmium	1.65 J	mg/kg	0.500	07-FEB-02 12:17	EPA 200.7 CLPM	02-017-01
Chromium	4.25	mg/kg	0.999	07-FEB-02 12:17	EPA 200.7 CLPM	02-017-01
Lead	35.3 J	mg/kg	2.20	07-FEB-02 12:17	EPA 200.7 CLPM	02-017-01
Mercury	0.031 B J	mg/kg	0.0220	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	U R	mg/kg	1.50	14-FEB-02 00:00	EPA 270.2 CLPM	01-180-29
Silver	0.726 B J	mg/kg	0.700	07-FEB-02 12:17	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

QC eah NY 10252 NJ 73168 PA 68180 EPA NY 00033

Page 1 of 1

Approved by: 
Lab Director

ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

The information in this report is accurate to the best of our knowledge and ability. In no event shall our liability exceed the cost of these services. Your samples will be discarded after 14 days unless we are advised otherwise.



ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-9

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: MW-01-1-11'
Description: GRAB
Sampled On: 28-JAN-02 14:00 by CLIENT
Date Received: 30-JAN-02 08:05
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	62.8	%		30-JAN-02 00:00	CLP 3.0	01-202-26
VOA OLM 4.2						
Chloromethane	U	ug/kg	7900	08-FEB-02 18:25	VOA OLM 4.2	02-024-1948
Dichlorodifluoromethane	U	ug/kg	7900	08-FEB-02 18:25	VOA OLM 4.2	02-024-1948
Bromomethane	U	ug/kg	7900	08-FEB-02 18:25	VOA OLM 4.2	02-024-1948
Vinyl chloride	U	ug/kg	7900	08-FEB-02 18:25	VOA OLM 4.2	02-024-1948
Chloroethane	U	ug/kg	7900	08-FEB-02 18:25	VOA OLM 4.2	02-024-1948
Trichlorofluoromethane	U	ug/kg	7900	08-FEB-02 18:25	VOA OLM 4.2	02-024-1948
Methylene chloride	2800 JB	ug/kg	7900	08-FEB-02 18:25	VOA OLM 4.2	02-024-1948
Acetone	U	ug/kg	7900	08-FEB-02 18:25	VOA OLM 4.2	02-024-1948
Carbon disulfide	U	ug/kg	7900	08-FEB-02 18:25	VOA OLM 4.2	02-024-1948
Methyl Acetate	U	ug/kg	7900	08-FEB-02 18:25	VOA OLM 4.2	02-024-1948
1,1-Dichloroethene	U	ug/kg	7900	08-FEB-02 18:25	VOA OLM 4.2	02-024-1948
trans-1,2-Dichloroethene	U	ug/kg	7900	08-FEB-02 18:25	VOA OLM 4.2	02-024-1948
MTBE(Methyl tert-butyl ether)	U	ug/kg	7900	08-FEB-02 18:25	VOA OLM 4.2	02-024-1948
1,1-Dichloroethane	U	ug/kg	7900	08-FEB-02 18:25	VOA OLM 4.2	02-024-1948
1,1,2-Trichloro-1,2,2-trifluoroethane	U	ug/kg	7900	08-FEB-02 18:25	VOA OLM 4.2	02-024-1948
trans-1,2-Dichloroethene	U	ug/kg	7900	08-FEB-02 18:25	VOA OLM 4.2	02-024-1948
2-EK(2-Butanone)	U	ug/kg	7900	08-FEB-02 18:25	VOA OLM 4.2	02-024-1948
Chloroform	U	ug/kg	7900	08-FEB-02 18:25	VOA OLM 4.2	02-024-1948
1,1,1-Trichloroethane	U	ug/kg	7900	08-FEB-02 18:25	VOA OLM 4.2	02-024-1948
Cyclohexane	U	ug/kg	7900	08-FEB-02 18:25	VOA OLM 4.2	02-024-1948
Carbon tetrachloride	U	ug/kg	7900	08-FEB-02 18:25	VOA OLM 4.2	02-024-1948
Benzene	U	ug/kg	7900	08-FEB-02 18:25	VOA OLM 4.2	02-024-1948
1,2-Dichloroethane	U	ug/kg	7900	08-FEB-02 18:25	VOA OLM 4.2	02-024-1948
Trichloroethene	U	ug/kg	7900	08-FEB-02 18:25	VOA OLM 4.2	02-024-1948
Methylcyclohexane	12000 J	ug/kg	7900	08-FEB-02 18:25	VOA OLM 4.2	02-024-1948
1,2-Dichloropropane	U	ug/kg	7900	08-FEB-02 18:25	VOA OLM 4.2	02-024-1948
Bromodichloromethane	U	ug/kg	7900	08-FEB-02 18:25	VOA OLM 4.2	02-024-1948
cis-1,3-Dichloropropene	U	ug/kg	7900	08-FEB-02 18:25	VOA OLM 4.2	02-024-1948
MIBK(4-Methyl-2-pentanone)	U	ug/kg	7900	08-FEB-02 18:25	VOA OLM 4.2	02-024-1948
Toluene	U	ug/kg	7900	08-FEB-02 18:25	VOA OLM 4.2	02-024-1948
trans-1,3-Dichloropropene	U	ug/kg	7900	08-FEB-02 18:25	VOA OLM 4.2	02-024-1948
1,1,2-Trichloroethane	U	ug/kg	7900	08-FEB-02 18:25	VOA OLM 4.2	02-024-1948
Tetrachloroethene	U	ug/kg	7900	08-FEB-02 18:25	VOA OLM 4.2	02-024-1948
2-Hexanone	U	ug/kg	7900	08-FEB-02 18:25	VOA OLM 4.2	02-024-1948
Dibromochloromethane	U	ug/kg	7900	08-FEB-02 18:25	VOA OLM 4.2	02-024-1948
1,2-Dibromoethane	U	ug/kg	7900	08-FEB-02 18:25	VOA OLM 4.2	02-024-1948
Chlorobenzene	U	ug/kg	7900	08-FEB-02 18:25	VOA OLM 4.2	02-024-1948
Ethylbenzene	11000 J	ug/kg	7900	08-FEB-02 18:25	VOA OLM 4.2	02-024-1948

Results calculated on a dry weight basis.



ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-9

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: MW-01-1-11
Description: GRAB
Sampled On: 28-JAN-02 14:00 by CLIENT
Date Received: 30-JAN-02 08:05
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
p-Xylene/m-Xylene	42000 J	ug/kg	7900	08-FEB-02 18:25	VOA OLM 4.2	02-024-1948
o-Xylene	3600 J	ug/kg	7900	08-FEB-02 18:25	VOA OLM 4.2	02-024-1948
Styrene	U	ug/kg	7900	08-FEB-02 18:25	VOA OLM 4.2	02-024-1948
Bromoform	U	ug/kg	7900	08-FEB-02 18:25	VOA OLM 4.2	02-024-1948
Isopropylbenzene	3700 J	ug/kg	7900	08-FEB-02 18:25	VOA OLM 4.2	02-024-1948
1,1,2,2-Tetrachloroethane	U	ug/kg	7900	08-FEB-02 18:25	VOA OLM 4.2	02-024-1948
1,3-Dichlorobenzene	U	ug/kg	7900	08-FEB-02 18:25	VOA OLM 4.2	02-024-1948
1,4-Dichlorobenzene	U	ug/kg	7900	08-FEB-02 18:25	VOA OLM 4.2	02-024-1948
1,2-Dichlorobenzene	U	ug/kg	7900	08-FEB-02 18:25	VOA OLM 4.2	02-024-1948
1,2-Dibromo-3-chloropropane	U	ug/kg	7900	08-FEB-02 18:25	VOA OLM 4.2	02-024-1948
1,2,4-Trichlorobenzene	U	ug/kg	7900	08-FEB-02 18:25	VOA OLM 4.2	02-024-1948

Library Search Compounds:	Result	Units	Qual	Retention Time
1-ethyl-4-methyl Benzene	110000	ug/kg	NJ	21.09
1,2,4-trimethyl Benzene	70000	ug/kg	NJ	21.21
1-ethyl-2-methyl Benzene	86000	ug/kg	NJ	21.51
1,2,3-trimethyl Benzene	170000	ug/kg	NJ	21.75
Unknown	76000	ug/kg	J	22.32
Unknown	74000	ug/kg	J	22.57
2-ethyl-1,4-dimethyl Benzene	110000	ug/kg	NJ	22.64
1-methyl-3-(1 methyl ethyl) Benzene	69000	ug/kg	NJ	23.01
Unknown	61000	ug/kg	J	23.11
Unknown	60000	ug/kg	J	23.27
1,2,3,4-tetramethyl Benzene	69000	ug/kg	NJ	23.65
2,3-dihydro-5-methyl-1H-Indene	83000	ug/kg	NJ	24.15

Library Search Comment: 12 library search compounds detected.

Surrogate Recovery:

1,2-Dichloroethane-d4	83	%	02-024-1948
Toluene-d8	99	%	02-024-1948
4-Bromofluorobenzene	91	%	02-024-1948

Analysis Comment: Results Calculated on a dry weight basis.

Results calculated on a dry weight basis.

QC cal

NY 10252

NJ 73168

PA 68180

EPA NY 00033

Approved by:

Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-9

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: MW-01-1-11'
Description: GRAB
Sampled On: 28-JAN-02 14:00 by CLIENT
Date Received: 30-JAN-02 08:05
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
SVOA OLM 4.2						
Bis(2-chloroethylether)	U	ug/kg	530	09-FEB-02 00:29	SVOA OLM 4.2	02-011-1135
Benzaldehyde	U	ug/kg	530	09-FEB-02 00:29	SVOA OLM 4.2	02-011-1135
Phenol	U	ug/kg	530	09-FEB-02 00:29	SVOA OLM 4.2	02-011-1135
2-Chlorophenol	U	ug/kg	530	09-FEB-02 00:29	SVOA OLM 4.2	02-011-1135
2-Methylphenol	U	ug/kg	530	09-FEB-02 00:29	SVOA OLM 4.2	02-011-1135
2,2'Oxybis(1-Chloropropane)	U	ug/kg	530	09-FEB-02 00:29	SVOA OLM 4.2	02-011-1135
Hexachloroethane	U	ug/kg	530	09-FEB-02 00:29	SVOA OLM 4.2	02-011-1135
N-Nitrosodi-N-propylamine	U	ug/kg	530	09-FEB-02 00:29	SVOA OLM 4.2	02-011-1135
Acetophenone	U	ug/kg	530	09-FEB-02 00:29	SVOA OLM 4.2	02-011-1135
4-Methylphenol	U	ug/kg	530	09-FEB-02 00:29	SVOA OLM 4.2	02-011-1135
Nitrobenzene	U	ug/kg	530	09-FEB-02 00:29	SVOA OLM 4.2	02-011-1135
Isophorone	U	ug/kg	530	09-FEB-02 00:29	SVOA OLM 4.2	02-011-1135
2-Nitrophenol	U	ug/kg	530	09-FEB-02 00:29	SVOA OLM 4.2	02-011-1135
2,4-Dimethylphenol	U	ug/kg	530	09-FEB-02 00:29	SVOA OLM 4.2	02-011-1135
Bis(2-chloroethoxymethane)	U	ug/kg	530	09-FEB-02 00:29	SVOA OLM 4.2	02-011-1135
2,4-Dichlorophenol	U	ug/kg	530	09-FEB-02 00:29	SVOA OLM 4.2	02-011-1135
Naphthalene	U	ug/kg	530	09-FEB-02 00:29	SVOA OLM 4.2	02-011-1135
4-Chloroaniline	U	ug/kg	530	09-FEB-02 00:29	SVOA OLM 4.2	02-011-1135
Hexachlorobutadiene	U	ug/kg	530	09-FEB-02 00:29	SVOA OLM 4.2	02-011-1135
Urolactam	U	ug/kg	530	09-FEB-02 00:29	SVOA OLM 4.2	02-011-1135
4-Chloro-3-methylphenol	U	ug/kg	530	09-FEB-02 00:29	SVOA OLM 4.2	02-011-1135
2-Methylnaphthalene	U	ug/kg	530	09-FEB-02 00:29	SVOA OLM 4.2	02-011-1135
Hexachlorocyclopentadiene	U	ug/kg	530	09-FEB-02 00:29	SVOA OLM 4.2	02-011-1135
2,4,6-Trichlorophenol	U	ug/kg	530	09-FEB-02 00:29	SVOA OLM 4.2	02-011-1135
2,4,5-Trichlorophenol	U	ug/kg	1300	09-FEB-02 00:29	SVOA OLM 4.2	02-011-1135
2-Chloronaphthalene	U	ug/kg	530	09-FEB-02 00:29	SVOA OLM 4.2	02-011-1135
1,1'-Biphenyl	U	ug/kg	530	09-FEB-02 00:29	SVOA OLM 4.2	02-011-1135
2-Nitroaniline	U	ug/kg	1300	09-FEB-02 00:29	SVOA OLM 4.2	02-011-1135
Dimethyl phthalate	U	ug/kg	530	09-FEB-02 00:29	SVOA OLM 4.2	02-011-1135
Acenaphthylene	U	ug/kg	530	09-FEB-02 00:29	SVOA OLM 4.2	02-011-1135
2,6-Dinitrotoluene	U	ug/kg	530	09-FEB-02 00:29	SVOA OLM 4.2	02-011-1135
3-Nitroaniline	U	ug/kg	1300	09-FEB-02 00:29	SVOA OLM 4.2	02-011-1135
Acenaphthene	U	ug/kg	530	09-FEB-02 00:29	SVOA OLM 4.2	02-011-1135
2,4-Dinitrophenol	U	ug/kg	1300	09-FEB-02 00:29	SVOA OLM 4.2	02-011-1135
Dibenzofuran	U	ug/kg	530	09-FEB-02 00:29	SVOA OLM 4.2	02-011-1135
2,4-Dinitrotoluene	U	ug/kg	530	09-FEB-02 00:29	SVOA OLM 4.2	02-011-1135
4-Nitrophenol	U	ug/kg	1300	09-FEB-02 00:29	SVOA OLM 4.2	02-011-1135
Diethyl phthalate	U	ug/kg	530	09-FEB-02 00:29	SVOA OLM 4.2	02-011-1135
Fluorene	U	ug/kg	530	09-FEB-02 00:29	SVOA OLM 4.2	02-011-1135
4-Chlorophenylphenylether	U	ug/kg	530	09-FEB-02 00:29	SVOA OLM 4.2	02-011-1135
4-Nitroaniline	U	ug/kg	1300	09-FEB-02 00:29	SVOA OLM 4.2	02-011-1135

Results calculated on a dry weight basis.



ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-9

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: MW-01-1-11
Description: GRAB
Sampled On: 28-JAN-02 14:00 by CLIENT
Date Received: 30-JAN-02 08:05
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
2-Methyl-4,6-dinitrophenol	U	ug/kg	1300	09-FEB-02 00:29	SVOA OLM 4.2	02-011-1135
N-Nitrosodiphenylamine	U	ug/kg	530	09-FEB-02 00:29	SVOA OLM 4.2	02-011-1135
4-Bromophenylphenylether	U	ug/kg	530	09-FEB-02 00:29	SVOA OLM 4.2	02-011-1135
Hexachlorobenzene	U	ug/kg	530	09-FEB-02 00:29	SVOA OLM 4.2	02-011-1135
Atrazine	U	ug/kg	530	09-FEB-02 00:29	SVOA OLM 4.2	02-011-1135
Pentachlorophenol	U	ug/kg	1300	09-FEB-02 00:29	SVOA OLM 4.2	02-011-1135
Phenanthrene	U	ug/kg	530	09-FEB-02 00:29	SVOA OLM 4.2	02-011-1135
Anthracene	U	ug/kg	530	09-FEB-02 00:29	SVOA OLM 4.2	02-011-1135
Carbazole	U	ug/kg	530	09-FEB-02 00:29	SVOA OLM 4.2	02-011-1135
Di-n-butyl phthalate	U	ug/kg	530	09-FEB-02 00:29	SVOA OLM 4.2	02-011-1135
Fluoranthene	U	ug/kg	530	09-FEB-02 00:29	SVOA OLM 4.2	02-011-1135
Pyrene	U	ug/kg	530	09-FEB-02 00:29	SVOA OLM 4.2	02-011-1135
Butylbenzyl phthalate	U	ug/kg	530	09-FEB-02 00:29	SVOA OLM 4.2	02-011-1135
Benzo(a)anthracene	U	ug/kg	530	09-FEB-02 00:29	SVOA OLM 4.2	02-011-1135
3,3-Dichlorobenzidine	U	ug/kg	530	09-FEB-02 00:29	SVOA OLM 4.2	02-011-1135
Chrysene	U	ug/kg	530	09-FEB-02 00:29	SVOA OLM 4.2	02-011-1135
Bis-2-ethylhexyl phthalate	54 JB U	ug/kg	530	09-FEB-02 00:29	SVOA OLM 4.2	02-011-1135
Di-n-octyl phthalate	U	ug/kg	530	09-FEB-02 00:29	SVOA OLM 4.2	02-011-1135
Benzo(b)fluoranthene	U	ug/kg	530	09-FEB-02 00:29	SVOA OLM 4.2	02-011-1135
Benzo(k)fluoranthene	U	ug/kg	530	09-FEB-02 00:29	SVOA OLM 4.2	02-011-1135
Benzo(a)pyrene	U	ug/kg	530	09-FEB-02 00:29	SVOA OLM 4.2	02-011-1135
Indeno(1,2,3-cd)pyrene	U	ug/kg	530	09-FEB-02 00:29	SVOA OLM 4.2	02-011-1135
Dibenzo(a,h)anthracene	U	ug/kg	530	09-FEB-02 00:29	SVOA OLM 4.2	02-011-1135
Benzo(g,h,i)perylene	U	ug/kg	530	09-FEB-02 00:29	SVOA OLM 4.2	02-011-1135

Extraction Information:

01-FEB-02 00:00

01-133-74

Library Search Compounds:	Result	Units	Qual	Retention Time
Hexadecanoic Acid	150	ug/kg	NJB	25.77
Unknown	480	ug/kg	J	28.47
butyl ester Octadecanoic Acid	370	ug/kg	NJ	30.69

Library Search Comment: 3 library search compounds detected.

Results calculated on a dry weight basis.

QC ear NY 10252 NJ 73168 PA 68180 EPA NY 400033

Approved by: John A. Hawk
Lab Director

ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

The information in this report is accurate to the best of our knowledge and ability. In no event shall our liability exceed the cost of these services. Your samples will be discarded after 14 days unless we are advised otherwise.



ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-9

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: MW-01-1-11'
Description: GRAB
Sampled On: 28-JAN-02 14:00 by CLIENT
Date Received: 30-JAN-02 08:05
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Surrogate Recovery:						
2-Fluorophenol	36	%				02-011-1135
Phenol-d5	37	%				02-011-1135
2-Chlorophenol-d4	43	%				02-011-1135
1,2-Dichlorobenzene-d4	31	%				02-011-1135
Nitrobenzene-d5	36	%				02-011-1135
2-Fluorobiphenyl	36	%				02-011-1135
2,4,6-Tribromophenol	38	%				02-011-1135
Terphenyl-d14	42	%				02-011-1135

Analysis Comment: Results Calculated on a dry weight basis.

Results calculated on a dry weight basis.

Page 5 of 5

QC ed NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: John A. Kent
Lab Director

Y:	ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
	mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
	B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-23

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TB-01-2-01-27
Description: GRAB
Sampled On: 28-JAN-02 10:33 by CLIENT
Date Received: 30-JAN-02 08:05
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	81.8	%		30-JAN-02 00:00	CLP 3.0	01-202-26
Arsenic	3.3	mg/kg	0.550	02-FEB-02 00:00	EPA 206.2 CLPM	01-178-28
Barium	28.2 J	mg/kg	0.240	07-FEB-02 01:40	EPA 200.7 CLPM	02-017-01
Cadmium	1.35 J	mg/kg	0.599	07-FEB-02 01:40	EPA 200.7 CLPM	02-017-01
Chromium	4.86 J	mg/kg	1.20	07-FEB-02 01:40	EPA 200.7 CLPM	02-017-01
Lead	12	mg/kg	1.10	08-FEB-02 00:00	EPA 239.2 CLPM	01-016-9
Mercury	U	mg/kg	0.0250	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	U	mg/kg	1.60	14-FEB-02 00:00	EPA 270.2 CLPM	01-180-29
Silver	U	mg/kg	0.839	07-FEB-02 01:40	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

Y:	ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
	mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
	B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

The information in this report is accurate to the best of our knowledge and ability. In no event shall our liability exceed the cost of these services. Your samples will be discarded after 14 days unless we are advised otherwise.



ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-24

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TB-01-2-2'-4'
Description: GRAB
Sampled On: 28-JAN-02 10:33 by CLIENT
Date Received: 30-JAN-02 08:05
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	87.8	%		30-JAN-02 00:00	CLP 3.0	01-202-26
Arsenic	5.1	mg/kg	0.550	02-FEB-02 00:00	EPA 206.2 CLPM	01-178-28
Barium	17 B J	mg/kg	0.211	07-FEB-02 01:43	EPA 200.7 CLPM	02-017-01
Cadmium	0.798 J	mg/kg	0.527	07-FEB-02 01:43	EPA 200.7 CLPM	02-017-01
Chromium	4.06 J	mg/kg	1.05	07-FEB-02 01:43	EPA 200.7 CLPM	02-017-01
Lead	23.9	mg/kg	2.32	08-FEB-02 03:52	EPA 200.7 CLPM	02-017-02
Mercury	U	mg/kg	0.0280	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	U	mg/kg	1.60	14-FEB-02 00:00	EPA 270.2 CLPM	01-180-29
Silver	U	mg/kg	0.738	07-FEB-02 01:43	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

Page 1 of 1

QC ear

NY 10252

NJ 73168

PA 68180

EPA NY 00033

Approved by: John A. Kent

Lab Director

Y:	ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
	mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
	B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-19

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TB-01-3-01-27
Description: GRAB
Sampled On: 28-JAN-02 09:40 by CLIENT
Date Received: 30-JAN-02 08:05
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	86.8	%		30-JAN-02 00:00	CLP 3.0	01-202-26
Arsenic	8.8	mg/kg	1.10	02-FEB-02 00:00	EPA 206.2 CLPM	01-178-28
Barium	73	mg/kg	0.219	07-FEB-02 01:13	EPA 200.7 CLPM	02-017-01
Cadmium	1.13 J	mg/kg	0.549	07-FEB-02 01:13	EPA 200.7 CLPM	02-017-01
Chromium	5.92	mg/kg	1.10	07-FEB-02 01:13	EPA 200.7 CLPM	02-017-01
Lead	452 J	mg/kg	2.41	08-FEB-02 03:22	EPA 200.7 CLPM	02-017-02
Mercury	3.03 J	mg/kg	0.0420	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	U R	mg/kg	1.70	14-FEB-02 00:00	EPA 270.2 CLPM	01-180-29
Silver	U	mg/kg	0.768	07-FEB-02 01:13	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

Page 1 of 1

QC cal NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: John A. Kent
Lab Director

Y:	ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
	mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
	B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-20

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TB-01-3-2'-4'
Description: GRAB
Sampled On: 28-JAN-02 09:40 by CLIENT
Date Received: 30-JAN-02 08:05
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	94.3	%		30-JAN-02 00:00	CLP 3.0	01-202-26
Arsenic	4.6	mg/kg	0.520	02-FEB-02 00:00	EPA 206.2 CLPM	01-178-28
Barium	16 B	mg/kg	0.210	07-FEB-02 01:16	EPA 200.7 CLPM	02-017-01
Cadmium	1.22 J	mg/kg	0.525	07-FEB-02 01:16	EPA 200.7 CLPM	02-017-01
Chromium	5.02	mg/kg	1.05	07-FEB-02 01:16	EPA 200.7 CLPM	02-017-01
Lead	63.4 J	mg/kg	2.31	08-FEB-02 03:25	EPA 200.7 CLPM	02-017-02
Mercury	1.1 J	mg/kg	0.0240	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	U R	mg/kg	1.50	14-FEB-02 00:00	EPA 270.2 CLPM	01-180-29
Silver	U	mg/kg	0.735	07-FEB-02 01:16	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.



ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-75

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: L83043-20MS, TB-01-3-2'-4
Description: L83043-20
Sampled On: 28-JAN-02 09:40 by CLIENT
Date Received: 30-JAN-02 08:05
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Arsenic	8.4	mg/kg	0.530	04-FEB-02 00:00	EPA 206.2 CLPM	01-178-29
Barium	184	mg/kg	0.200	07-FEB-02 01:28	EPA 200.7 CLPM	02-017-01
Cadmium	4.64 J	mg/kg	0.500	07-FEB-02 01:28	EPA 200.7 CLPM	02-017-01
Chromium	20.7	mg/kg	1.00	07-FEB-02 01:28	EPA 200.7 CLPM	02-017-01
Lead	168 J	mg/kg	2.20	08-FEB-02 03:37	EPA 200.7 CLPM	02-017-02
Mercury	0.15 J	mg/kg	0.0260	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	U R	mg/kg	1.60	20-FEB-02 00:00	EPA 270.2 CLPM	01-180-31
Silver	4.58	mg/kg	0.700	07-FEB-02 01:28	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.



ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-76

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: L83043-20MSD TB-01-3-2/-4
Description: L83043-20
Sampled On: 28-JAN-02 09:40 by CLIENT
Date Received: 30-JAN-02 08:05
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Arsenic	4.3	mg/kg	0.520	02-FEB-02 00:00	EPA 206.2 CLPM	01-178-28
Barium	15 B	mg/kg	0.202	07-FEB-02 01:31	EPA 200.7 CLPM	02-017-01
Cadmium	1.23 J	mg/kg	0.505	07-FEB-02 01:31	EPA 200.7 CLPM	02-017-01
Chromium	4.3	mg/kg	1.01	07-FEB-02 01:31	EPA 200.7 CLPM	02-017-01
Lead	53.2 J	mg/kg	2.22	08-FEB-02 03:40	EPA 200.7 CLPM	02-017-02
Mercury	0.58 J	mg/kg	0.0260	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	U R	mg/kg	1.50	20-FEB-02 00:00	EPA 270.2 CLPM	01-180-31
Silver	U	mg/kg	0.707	07-FEB-02 01:31	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.



ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-17

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TB-01-4-01-21
Description: GRAB
Sampled On: 28-JAN-02 09:15 by CLIENT
Date Received: 30-JAN-02 08:05
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	80.2	%		30-JAN-02 00:00	CLP 3.0	01-202-26
Arsenic	4.9	mg/kg	0.590	01-FEB-02 00:00	EPA 206.2 CLPM	01-178-27
Barium	53.6	mg/kg	0.247	07-FEB-02 01:07	EPA 200.7 CLPM	02-017-01
Cadmium	0.97 J	mg/kg	0.617	07-FEB-02 01:07	EPA 200.7 CLPM	02-017-01
Chromium	4.73	mg/kg	1.23	07-FEB-02 01:07	EPA 200.7 CLPM	02-017-01
Lead	400 J	mg/kg	2.72	08-FEB-02 03:16	EPA 200.7 CLPM	02-017-02
Mercury	1.67 J	mg/kg	0.0210	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	U R	mg/kg	1.80	14-FEB-02 00:00	EPA 270.2 CLPM	01-180-29
Silver	U	mg/kg	0.864	07-FEB-02 01:07	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

Page 1 of 1

QC lab NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: 
Lab Director

-Y:	ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
	mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
	B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-18

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: JB-01-4-2'-4'
Description: GRAB
Sampled On: 28-JAN-02 09:15 by CLIENT
Date Received: 30-JAN-02 08:05
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	78.5	%		30-JAN-02 00:00	CLP 3.0	01-202-26
Arsenic	6.4	mg/kg	0.620	02-FEB-02 00:00	EPA 206.2 CLPM	01-178-28
Barium	36.5	mg/kg	0.240	07-FEB-02 01:10	EPA 200.7 CLPM	02-017-01
Cadmium	1.38 J	mg/kg	0.601	07-FEB-02 01:10	EPA 200.7 CLPM	02-017-01
Chromium	4.01	mg/kg	1.20	07-FEB-02 01:10	EPA 200.7 CLPM	02-017-01
Lead	244 J	mg/kg	2.64	08-FEB-02 03:19	EPA 200.7 CLPM	02-017-02
Mercury	1.7 J	mg/kg	0.0290	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	U R	mg/kg	1.90	14-FEB-02 00:00	EPA 270.2 CLPM	01-180-29
Silver	U	mg/kg	0.841	07-FEB-02 01:10	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

QC ear

NY 10252

NJ 73168

PA 68180

Page 1 of 1
EPA NY 00033

Approved by: John A. Kent

Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-7

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TB-01-5-0'-2'
Description: GRAB
Sampled On: 28-JAN-02 13:20 by CLIENT
Date Received: 30-JAN-02 08:05
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	90.4	%		30-JAN-02 00:00	CLP 3.0	01-202-26
Arsenic	3.7	mg/kg	0.550	01-FEB-02 00:00	EPA 206.2 CLPM	01-178-27
Barium	26.1	mg/kg	0.184	07-FEB-02 12:26	EPA 200.7 CLPM	02-017-01
Cadmium	1.32 J	mg/kg	0.461	07-FEB-02 12:26	EPA 200.7 CLPM	02-017-01
Chromium	4.93	mg/kg	0.922	07-FEB-02 12:26	EPA 200.7 CLPM	02-017-01
Lead	25.4 J	mg/kg	2.03	07-FEB-02 12:26	EPA 200.7 CLPM	02-017-01
Mercury	0.079 J	mg/kg	0.0200	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	U R	mg/kg	1.60	14-FEB-02 00:00	EPA 270.2 CLPM	01-180-29
Silver	U	mg/kg	0.645	07-FEB-02 12:26	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

Page 1 of 1

QC ear NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by:
Lab Director

-Y:	ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
	mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-8

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TB-01-5-21-41
Description: GRAB
Sampled On: 28-JAN-02 13:20 by CLIENT
Date Received: 30-JAN-02 08:05
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	92.2	%		30-JAN-02 00:00	CLP 3.0	01-202-26
Arsenic	4.2	mg/kg	0.490	01-FEB-02 00:00	EPA 206.2 CLPM	01-178-27
Barium	6.91 B	mg/kg	0.209	07-FEB-02 12:29	EPA 200.7 CLPM	02-017-01
Cadmium	0.814 J	mg/kg	0.521	07-FEB-02 12:29	EPA 200.7 CLPM	02-017-01
Chromium	4.95	mg/kg	1.04	07-FEB-02 12:29	EPA 200.7 CLPM	02-017-01
Lead	17.4 J	mg/kg	2.29	07-FEB-02 12:29	EPA 200.7 CLPM	02-017-01
Mercury	U	mg/kg	0.0260	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	U R	mg/kg	1.50	14-FEB-02 00:00	EPA 270.2 CLPM	01-180-29
Silver	U	mg/kg	0.730	07-FEB-02 12:29	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

QC ear

NY 10252

NJ 73168

PA 68180

Page 1 of 1
EPA NY 00033

Approved by: John A. Kent
Lab Director

Y:	ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
	mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
	B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-1

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TB-01-6-01-21
Description: GRAB
Sampled On: 28-JAN-02 10:20 by CLIENT
Date Received: 30-JAN-02 08:05
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	84.5	%		30-JAN-02 00:00	CLP 3.0	01-202-26
Arsenic	4.7	mg/kg	0.580	01-FEB-02 00:00	EPA 206.2 CLPM	01-178-27
Barium	136	mg/kg	0.228	07-FEB-02 12:03	EPA 200.7 CLPM	02-017-01
Cadmium	1.4 J	mg/kg	0.569	07-FEB-02 12:03	EPA 200.7 CLPM	02-017-01
Chromium	12.8	mg/kg	1.14	07-FEB-02 12:03	EPA 200.7 CLPM	02-017-01
Lead	960 J	mg/kg	2.50	07-FEB-02 12:03	EPA 200.7 CLPM	02-017-01
Mercury	3.42 J	mg/kg	0.0500	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	U R	mg/kg	1.70	14-FEB-02 00:00	EPA 270.2 CLPM	01-180-29
Silver	U	mg/kg	0.797	07-FEB-02 12:03	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

Page 1 of 1

QC OK NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by:


Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-2

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TB-01-6-2'-4'
Description: GRAB
Sampled On: 28-JAN-02 10:20 by CLIENT
Date Received: 30-JAN-02 08:05
P.O. No: 02-007-001

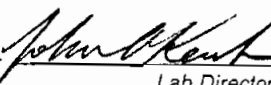
Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	86.2	%		30-JAN-02 00:00	CLP 3.0	01-202-26
Arsenic	3.3	mg/kg	0.500	01-FEB-02 00:00	EPA 206.2 CLPM	01-178-27
Barium	95.6	mg/kg	0.221	07-FEB-02 12:06	EPA 200.7 CLPM	02-017-01
Cadmium	1.27 J	mg/kg	0.552	07-FEB-02 12:06	EPA 200.7 CLPM	02-017-01
Chromium	5.74	mg/kg	1.10	07-FEB-02 12:06	EPA 200.7 CLPM	02-017-01
Lead	200 J	mg/kg	2.43	07-FEB-02 12:06	EPA 200.7 CLPM	02-017-01
Mercury	1.21 J	mg/kg	0.0270	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	U R	mg/kg	1.50	14-FEB-02 00:00	EPA 270.2 CLPM	01-180-29
Silver	U	mg/kg	0.773	07-FEB-02 12:06	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

Page 1 of 1

QC cal NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by:


Lab Director

-Y:	ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
	mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
	B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-30

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TB-01-6-4'-8'
Description: GRAB
Sampled On: 29-JAN-02 15:30 by CLIENT
Date Received: 30-JAN-02 15:40
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	89.2	%		31-JAN-02 00:00	CLP 3.0	01-202-27
Arsenic	7.3	mg/kg	0.520	02-FEB-02 00:00	EPA 206.2 CLPM	01-178-28
Barium	37.6	mg/kg	0.222	07-FEB-02 02:15	EPA 200.7 CLPM	02-017-01
Cadmium	1.65	mg/kg	0.555	07-FEB-02 02:15	EPA 200.7 CLPM	02-017-01
Chromium	5.75	mg/kg	1.11	07-FEB-02 02:15	EPA 200.7 CLPM	02-017-01
Lead	114	mg/kg	2.44	08-FEB-02 04:24	EPA 200.7 CLPM	02-017-02
Mercury	0.174	mg/kg	0.0210	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	U	mg/kg	1.60	14-FEB-02 00:00	EPA 270.2 CLPM	01-180-28
Silver	U	mg/kg	0.777	07-FEB-02 02:15	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

Page 1 of 1

QC *each*

NY 10252

NJ 73168

PA 68180

EPA NY 00033

Approved by: *John A. Kent*

Lab Director

-Y: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-21

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TB-01-7-0'-2'
Description: GRAB
Sampled On: 28-JAN-02 10:00 by CLIENT
Date Received: 30-JAN-02 08:05
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	81.8	%		30-JAN-02 00:00	CLP 3.0	01-202-26
Arsenic	8.9	mg/kg	0.590	02-FEB-02 00:00	EPA 206.2 CLPM	01-178-28
Barium	176 J	mg/kg	0.229	07-FEB-02 01:34	EPA 200.7 CLPM	02-017-01
Cadmium	2.03 J	mg/kg	0.571	07-FEB-02 01:34	EPA 200.7 CLPM	02-017-01
Chromium	9.42 J	mg/kg	1.14	07-FEB-02 01:34	EPA 200.7 CLPM	02-017-01
Lead	1020	mg/kg	2.51	08-FEB-02 03:43	EPA 200.7 CLPM	02-017-02
Mercury	2.73	mg/kg	0.0300	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	U	mg/kg	1.80	14-FEB-02 00:00	EPA 270.2 CLPM	01-180-29
Silver	U	mg/kg	0.800	07-FEB-02 01:34	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

Page 1 of 1

QC OK NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: John A. Kent
Lab Director

ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-22

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TB-01-7-2'-4'
Description: GRAB
Sampled On: 28-JAN-02 10:00 by CLIENT
Date Received: 30-JAN-02 08:05
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	75.3	%		30-JAN-02 00:00	CLP 3.0	01-202-26
Arsenic	8.1	mg/kg	0.660	02-FEB-02 00:00	EPA 206.2 CLPM	01-178-28
Barium	161 J	mg/kg	0.266	07-FEB-02 01:37	EPA 200.7 CLPM	02-017-01
Cadmium	1.48 J	mg/kg	0.664	07-FEB-02 01:37	EPA 200.7 CLPM	02-017-01
Chromium	5.52 J	mg/kg	1.33	07-FEB-02 01:37	EPA 200.7 CLPM	02-017-01
Lead	679	mg/kg	2.92	08-FEB-02 03:46	EPA 200.7 CLPM	02-017-02
Mercury	3.44	mg/kg	0.0530	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	U	mg/kg	2.00	14-FEB-02 00:00	EPA 270.2 CLPM	01-180-29
Silver	U	mg/kg	0.930	07-FEB-02 01:37	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

Page 1 of 1

QC car

NY 10252

NJ 73168

PA 68180

EPA NY 00033

Approved by:

Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-25

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TB-01-8-0'-2'
Description: GRAB
Sampled On: 28-JAN-02 10:38 by CLIENT
Date Received: 30-JAN-02 08:05
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	74.6	%		30-JAN-02 00:00	CLP 3.0	01-202-26
Arsenic	15	mg/kg	0.640	02-FEB-02 00:00	EPA 206.2 CLPM	01-178-28
Barium	377 J	mg/kg	0.265	07-FEB-02 02:00	EPA 200.7 CLPM	02-017-01
Cadmium	6.21 J	mg/kg	0.664	07-FEB-02 02:00	EPA 200.7 CLPM	02-017-01
Chromium	29.7 J	mg/kg	1.33	07-FEB-02 02:00	EPA 200.7 CLPM	02-017-01
Lead	893	mg/kg	2.92	08-FEB-02 04:10	EPA 200.7 CLPM	02-017-02
Mercury	6.31	mg/kg	0.1490	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	2 WB	mg/kg	1.90	14-FEB-02 00:00	EPA 270.2 CLPM	01-180-29
Analysis Comment: W-Post spike recovery out of limits.						
Silver	3.47	mg/kg	0.929	07-FEB-02 02:00	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

Page 1 of 1

QC car

NY 10252

NJ 73168

PA 68180

EPA NY 00033

Approved by: John O'Keefe

Lab Director

ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-26

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TB-01-8-2'-4'
Description: GRAB
Sampled On: 28-JAN-02 10:38 by CLIENT
Date Received: 30-JAN-02 08:05
P.O. No: 02-007-001

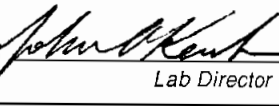
Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	78.1	%		30-JAN-02 00:00	CLP 3.0	01-202-26
Arsenic	12	mg/kg	0.550	02-FEB-02 00:00	EPA 206.2 CLPM	01-178-28
Barium	262 J	mg/kg	0.237	07-FEB-02 02:06	EPA 200.7 CLPM	02-017-01
Cadmium	9.5 J	mg/kg	0.593	07-FEB-02 02:06	EPA 200.7 CLPM	02-017-01
Chromium	15 J	mg/kg	1.19	07-FEB-02 02:06	EPA 200.7 CLPM	02-017-01
Lead	162	mg/kg	2.61	08-FEB-02 04:16	EPA 200.7 CLPM	02-017-02
Mercury	0.522	mg/kg	0.0300	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	U	mg/kg	1.60	14-FEB-02 00:00	EPA 270.2 CLPM	01-180-28
Silver	1.75 J	mg/kg	0.830	07-FEB-02 02:06	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

Page 1 of 1

QC cal NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by:


Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-5

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TB-01-9-01-27
Description: GRAB
Sampled On: 28-JAN-02 13:10 by CLIENT
Date Received: 30-JAN-02 08:05
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	86.2	%		30-JAN-02 00:00	CLP 3.0	01-202-26
Arsenic	5.8	mg/kg	0.570	01-FEB-02 00:00	EPA 206.2 CLPM	01-178-27
Barium	182	mg/kg	0.227	07-FEB-02 12:20	EPA 200.7 CLPM	02-017-01
Cadmium	6.79 J	mg/kg	0.569	07-FEB-02 12:20	EPA 200.7 CLPM	02-017-01
Chromium	35.7	mg/kg	1.14	07-FEB-02 12:20	EPA 200.7 CLPM	02-017-01
Lead	3060 J	mg/kg	2.50	07-FEB-02 12:20	EPA 200.7 CLPM	02-017-01
Mercury	1.27 J	mg/kg	0.0210	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	U R	mg/kg	1.70	14-FEB-02 00:00	EPA 270.2 CLPM	01-180-29
Silver	1.49 J	mg/kg	0.796	07-FEB-02 12:20	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

Page 1 of 1

QC cal

NY 10252

NJ 73168

PA 68180

EPA NY 00033

Approved by:

Lab Director

Y:	ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
	mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
	B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-6

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

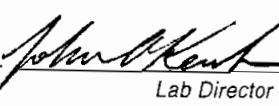
Sample Source: RICHMOND AVENUE
Origin: TB-01-9-2'-4'
Description: GRAB
Sampled On: 28-JAN-02 13:10 by CLIENT
Date Received: 30-JAN-02 08:05
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	79.7	%		30-JAN-02 00:00	CLP 3.0	01-202-26
Arsenic	9.9	mg/kg	0.590	01-FEB-02 00:00	EPA 206.2 CLPM	01-178-27
Barium	195	mg/kg	0.248	07-FEB-02 12:23	EPA 200.7 CLPM	02-017-01
Cadmium	2.82 J	mg/kg	0.621	07-FEB-02 12:23	EPA 200.7 CLPM	02-017-01
Chromium	10.2	mg/kg	1.24	07-FEB-02 12:23	EPA 200.7 CLPM	02-017-01
Lead	235 J	mg/kg	2.73	07-FEB-02 12:23	EPA 200.7 CLPM	02-017-01
Mercury	1.53 J	mg/kg	0.0260	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	U R	mg/kg	1.80	14-FEB-02 00:00	EPA 270.2 CLPM	01-180-29
Silver	1.13 B J	mg/kg	0.870	07-FEB-02 12:23	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

QC cal NY 10252 NJ 73168 PA 68180 EPA NY 00033

Page 1 of 1

Approved by: 

Lab Director

ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-31

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TB-01-9-4'-8'
Description: GRAB
Sampled On: 29-JAN-02 15:30 by CLIENT
Date Received: 30-JAN-02 15:40
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	88.7	%		31-JAN-02 00:00	CLP 3.0	01-202-27
Arsenic	6.4	mg/kg	0.560	02-FEB-02 00:00	EPA 206.2 CLPM	01-178-28
Barium	179 J	mg/kg	0.213	07-FEB-02 02:18	EPA 200.7 CLPM	02-017-01
Cadmium	2 J	mg/kg	0.532	07-FEB-02 02:18	EPA 200.7 CLPM	02-017-01
Chromium	18.3 J	mg/kg	1.06	07-FEB-02 02:18	EPA 200.7 CLPM	02-017-01
Lead	186	mg/kg	2.34	08-FEB-02 04:27	EPA 200.7 CLPM	02-017-02
Mercury	0.116	mg/kg	0.0210	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	U	mg/kg	1.70	14-FEB-02 00:00	EPA 270.2 CLPM	01-180-28
Silver	0.78 B J	mg/kg	0.745	07-FEB-02 02:18	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

QC car

NY 10252

NJ 73168

PA 68180

Page 1 of 1
EPA NY 00033

Approved by: John O'Keefe

Lab Director

ND or U = None Detected

< = less than

ug/L

= micrograms per liter (equivalent to parts per billion)

mg/L = milligrams per liter (equivalent to parts per million)

mg/kg

= milligrams per kilogram (equivalent to parts per million)

B = analyte was detected in the method or trip blank

J

= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-50

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TB-01-10-0'-2'
Description: GRAB
Sampled On: 29-JAN-02 10:00 by CLIENT
Date Received: 30-JAN-02 15:40
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	88.7	%		31-JAN-02 00:00	CLP 3.0	01-202-27
Arsenic	3.3	mg/kg	0.530	05-FEB-02 00:00	EPA 206.2 CLPM	01-178-30
Barium	53 J	mg/kg	0.163	07-FEB-02 03:47	EPA 200.7 CLPM	02-017-01
Cadmium	3.08	mg/kg	0.408	07-FEB-02 03:47	EPA 200.7 CLPM	02-017-01
Chromium	14.3	mg/kg	0.817	07-FEB-02 03:47	EPA 200.7 CLPM	02-017-01
Lead	20.6 J	mg/kg	1.80	08-FEB-02 05:56	EPA 200.7 CLPM	02-017-02
Mercury	0.027 B J	mg/kg	0.0250	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	UW R	mg/kg	1.60	14-FEB-02 00:00	EPA 270.2 CLPM	01-180-28
Analysis Comment: W-Post spike recovery out of limits.						
Silver	U	mg/kg	0.572	07-FEB-02 03:47	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

Page 1 of 1

QC ear NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: John P. Kent
Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-51

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TB-01-10-2/-4
Description: GRAB
Sampled On: 29-JAN-02 10:00 by CLIENT
Date Received: 30-JAN-02 15:40
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	90	%		31-JAN-02 00:00	CLP 3.0	01-202-27
Arsenic	3	mg/kg	0.560	05-FEB-02 00:00	EPA 206.2 CLPM	01-178-30
Barium	29.5 J	mg/kg	0.204	07-FEB-02 03:53	EPA 200.7 CLPM	02-017-01
Cadmium	2.01	mg/kg	0.510	07-FEB-02 03:53	EPA 200.7 CLPM	02-017-01
Chromium	11.9	mg/kg	1.02	07-FEB-02 03:53	EPA 200.7 CLPM	02-017-01
Lead	3.9 J	mg/kg	0.560	09-FEB-02 00:00	EPA 239.2 CLPM	01-016-10
Mercury	U R	mg/kg	0.0210	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	UW R	mg/kg	1.70	14-FEB-02 00:00	EPA 270.2 CLPM	01-180-28
Analysis Comment: W-Post spike recovery out of limits.						
Silver	U	mg/kg	0.714	07-FEB-02 03:53	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

Page 1 of 1

QC eah NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: John O'Keefe
Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-29

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

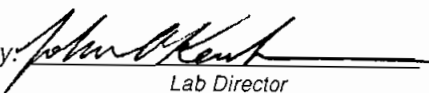
Sample Source: RICHMOND AVENUE
Origin: TB-01-10-47-8'
Description: GRAB
Sampled On: 29-JAN-02 15:30 by CLIENT
Date Received: 30-JAN-02 15:40
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	87.5	%		31-JAN-02 00:00	CLP 3.0	01-202-27
Arsenic	7.6	mg/kg	0.480	04-FEB-02 00:00	EPA 206.2 CLPM	01-178-29
Barium	46.9	mg/kg	0.177	07-FEB-02 02:12	EPA 200.7 CLPM	02-017-01
Cadmium	2.28	mg/kg	0.443	07-FEB-02 02:12	EPA 200.7 CLPM	02-017-01
Chromium	12.5	mg/kg	0.886	07-FEB-02 02:12	EPA 200.7 CLPM	02-017-01
Lead	5	mg/kg	0.480	09-FEB-02 00:00	EPA 239.2 CLPM	01-016-10
Mercury	U	mg/kg	0.0170	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	U	mg/kg	1.40	14-FEB-02 00:00	EPA 270.2 CLPM	01-180-28
Silver	U	mg/kg	0.620	07-FEB-02 02:12	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

Page 1 of 1

QC cal NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: 
Lab Director

:	ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
:	mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
:	B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-53

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

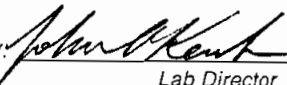
Sample Source: RICHMOND AVENUE
Origin: TB-01-11-01-21
Description: GRAB
Sampled On: 29-JAN-02 10:05 by CLIENT
Date Received: 30-JAN-02 15:40
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	89.7	%		31-JAN-02 00:00	CLP 3.0	01-202-27
Arsenic	3	mg/kg	0.500	05-FEB-02 00:00	EPA 206.2 CLPM	01-178-30
Barium	52.1 J	mg/kg	0.184	07-FEB-02 03:59	EPA 200.7 CLPM	02-017-01
Cadmium	2.03	mg/kg	0.461	07-FEB-02 03:59	EPA 200.7 CLPM	02-017-01
Chromium	12.5	mg/kg	0.921	07-FEB-02 03:59	EPA 200.7 CLPM	02-017-01
Lead	10.9 J	mg/kg	2.03	08-FEB-02 06:08	EPA 200.7 CLPM	02-017-02
Mercury	U R	mg/kg	0.0250	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	UW R	mg/kg	1.50	14-FEB-02 00:00	EPA 270.2 CLPM	01-180-29
Analysis Comment: W-Post spike recovery out of limits.						
Silver	U	mg/kg	0.645	07-FEB-02 03:59	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

Page 1 of 1

QC ack NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: 
Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-52

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TB-01-11-2'-4'
Description: GRAB
Sampled On: 29-JAN-02 10:05 by CLIENT
Date Received: 30-JAN-02 15:40
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	90.3	%		31-JAN-02 00:00	CLP 3.0	01-202-27
Arsenic	2.8	mg/kg	0.550	05-FEB-02 00:00	EPA 206.2 CLPM	01-178-30
Barium	44.1 J	mg/kg	0.205	07-FEB-02 03:56	EPA 200.7 CLPM	02-017-01
Cadmium	1.87	mg/kg	0.513	07-FEB-02 03:56	EPA 200.7 CLPM	02-017-01
Chromium	10.3	mg/kg	1.03	07-FEB-02 03:56	EPA 200.7 CLPM	02-017-01
Lead	4.4 J	mg/kg	0.550	09-FEB-02 00:00	EPA 239.2 CLPM	01-016-10
Mercury	U R	mg/kg	0.0260	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	UW R	mg/kg	1.60	14-FEB-02 00:00	EPA 270.2 CLPM	01-180-29
Analysis Comment: W-Post spike recovery out of limits.						
Silver	U	mg/kg	0.718	07-FEB-02 03:56	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

Page 1 of 1

QC ear NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: John A. Kent
Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-38

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

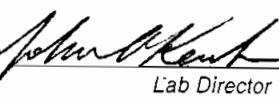
Sample Source: RICHMOND AVENUE
Origin: TB-01-12-01-21
Description: GRAB
Sampled On: 29-JAN-02 08:00 by CLIENT
Date Received: 30-JAN-02 15:40
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	90	%		31-JAN-02 00:00	CLP 3.0	01-202-27
Arsenic	5.3	mg/kg	0.550	04-FEB-02 00:00	EPA 206.2 CLPM	01-178-29
Barium	68.8 J	mg/kg	0.198	07-FEB-02 02:48	EPA 200.7 CLPM	02-017-01
Cadmium	1.47 J	mg/kg	0.496	07-FEB-02 02:48	EPA 200.7 CLPM	02-017-01
Chromium	5.75 J	mg/kg	0.992	07-FEB-02 02:48	EPA 200.7 CLPM	02-017-01
Lead	59.7 J	mg/kg	2.18	08-FEB-02 04:57	EPA 200.7 CLPM	02-017-02
Mercury	0.105	mg/kg	0.0220	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	U	mg/kg	1.60	14-FEB-02 00:00	EPA 270.2 CLPM	01-180-28
Silver	U	mg/kg	0.694	07-FEB-02 02:48	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

Page 1 of 1

QC eak NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: 

Lab Director

KCY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-39

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TB-01-12-2'-4'
Description: GRAB
Sampled On: 29-JAN-02 08:00 by CLIENT
Date Received: 30-JAN-02 15:40
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	80	%		31-JAN-02 00:00	CLP 3.0	01-202-27
Arsenic	7.5	mg/kg	0.500	04-FEB-02 00:00	EPA 206.2 CLPM	01-178-29
Barium	1380 J	mg/kg	0.227	07-FEB-02 02:51	EPA 200.7 CLPM	02-017-01
Cadmium	2.99 J	mg/kg	0.568	07-FEB-02 02:51	EPA 200.7 CLPM	02-017-01
Chromium	38.7 J	mg/kg	1.14	07-FEB-02 02:51	EPA 200.7 CLPM	02-017-01
Lead	314 J	mg/kg	2.50	08-FEB-02 05:00	EPA 200.7 CLPM	02-017-02
Mercury	1.37	mg/kg	0.0230	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	U	mg/kg	1.50	14-FEB-02 00:00	EPA 270.2 CLPM	01-180-28
Silver	3.73	mg/kg	0.795	07-FEB-02 02:51	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

Page 1 of 1

QC ear

NY 10252

NJ 73168

PA 68180

EPA NY 00033

Approved by:

Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-15

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

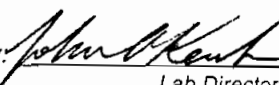
Sample Source: RICHMOND AVENUE
Origin: TB-01-13-01-21
Description: GRAB
Sampled On: 28-JAN-02 14:56 by CLIENT
Date Received: 30-JAN-02 08:05
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	79.8	%		30-JAN-02 00:00	CLP 3.0	01-202-26
Arsenic	15	mg/kg	1.20	02-FEB-02 00:00	EPA 206.2 CLPM	01-178-28
Barium	317	mg/kg	0.228	07-FEB-02 01:02	EPA 200.7 CLPM	02-017-01
Cadmium	3.06 J	mg/kg	0.570	07-FEB-02 01:02	EPA 200.7 CLPM	02-017-01
Chromium	22.3	mg/kg	1.14	07-FEB-02 01:02	EPA 200.7 CLPM	02-017-01
Lead	753 J	mg/kg	2.51	08-FEB-02 03:11	EPA 200.7 CLPM	02-017-02
Mercury	9.56 J	mg/kg	0.1440	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	U R	mg/kg	1.80	14-FEB-02 00:00	EPA 270.2 CLPM	01-180-29
Silver	1.83 J	mg/kg	0.797	07-FEB-02 01:02	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

Page 1 of 1

QC real NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: 
Lab Director

KEY:	ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
	mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
	B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-77

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TB-01-13-0'-2'
Description: GRAB, SUPPLEMENT TO L83043-15
Sampled On: 28-JAN-02 14:56 by CLIENT
Date Received: 30-JAN-02 08:05
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Mercury	U	mg/L	0.0100	20-FEB-02 00:00	EPA 7470 TCLP	01-002-44

Page 1 of 1

QC ear NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: 
Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-16

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TB-01-13-2'-4'
Description: GRAB
Sampled On: 28-JAN-02 14:56 by CLIENT
Date Received: 30-JAN-02 08:05
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	79.3	%		30-JAN-02 00:00	CLP 3.0	01-202-26
Arsenic	6.6	mg/kg	0.580	01-FEB-02 00:00	EPA 206.2 CLPM	01-178-27
Barium	158	mg/kg	0.245	07-FEB-02 01:05	EPA 200.7 CLPM	02-017-01
Cadmium	4.41 J	mg/kg	0.612	07-FEB-02 01:05	EPA 200.7 CLPM	02-017-01
Chromium	16.7	mg/kg	1.22	07-FEB-02 01:05	EPA 200.7 CLPM	02-017-01
Lead	167 J	mg/kg	2.69	08-FEB-02 03:14	EPA 200.7 CLPM	02-017-02
Mercury	1.37 J	mg/kg	0.0280	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	U R	mg/kg	1.80	14-FEB-02 00:00	EPA 270.2 CLPM	01-180-29
Silver	U	mg/kg	0.857	07-FEB-02 01:05	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

Page 1 of 1

QC ear

NY 10252

NJ 73168

PA 68180

EPA NY 00033

Approved by: John A. Kent

Lab Director

✓	ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
	mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
	B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-40

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TB-01-14-0'-2'
Description: GRAB
Sampled On: 29-JAN-02 08:14 by CLIENT
Date Received: 30-JAN-02 15:40
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	89.9	%		31-JAN-02 00:00	CLP 3.0	01-202-27
Arsenic	46	mg/kg	2.10	05-FEB-02 00:00	EPA 206.2 CLPM	01-178-30
Barium	92.1 J	mg/kg	0.174	07-FEB-02 02:54	EPA 200.7 CLPM	02-017-01
Cadmium	4.42 J	mg/kg	0.435	07-FEB-02 02:54	EPA 200.7 CLPM	02-017-01
Chromium	6.99 J	mg/kg	0.869	07-FEB-02 02:54	EPA 200.7 CLPM	02-017-01
Lead	57.3 J	mg/kg	1.91	08-FEB-02 05:03	EPA 200.7 CLPM	02-017-02
Mercury	0.049 B	mg/kg	0.0280	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	U	mg/kg	1.50	14-FEB-02 00:00	EPA 270.2 CLPM	01-180-28
Silver	U	mg/kg	0.610	07-FEB-02 02:54	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

Page 1 of 1

QC ear

NY 10252

NJ 73168

PA 68180

EPA NY 00033

Approved by:

Lab Director

Y:	ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
	mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
	B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-41

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TB-01-14-2'-4'
Description: GRAB
Sampled On: 29-JAN-02 08:14 by CLIENT
Date Received: 30-JAN-02 15:40
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	78	%		31-JAN-02 00:00	CLP 3.0	01-202-27
Arsenic	5.5	mg/kg	0.470	04-FEB-02 00:00	EPA 206.2 CLPM	01-178-29
Barium	55.4 J	mg/kg	0.231	07-FEB-02 03:11	EPA 200.7 CLPM	02-017-01
Cadmium	2.12 J	mg/kg	0.578	07-FEB-02 03:11	EPA 200.7 CLPM	02-017-01
Chromium	12.8 J	mg/kg	1.16	07-FEB-02 03:11	EPA 200.7 CLPM	02-017-01
Lead	25.4 J	mg/kg	2.54	08-FEB-02 05:20	EPA 200.7 CLPM	02-017-02
Mercury	0.497	mg/kg	0.0170	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	U	mg/kg	1.40	14-FEB-02 00:00	EPA 270.2 CLPM	01-180-28
Silver	U	mg/kg	0.809	07-FEB-02 03:11	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

QC oak

NY 10252

NJ 73168

PA 68180

Page 1 of 1
EPA NY 00033

Approved by: John B. Kent

Lab Director

Y:	ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
	mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
	B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-32

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TB-01-14-4'-7'
Description: GRAB
Sampled On: 29-JAN-02 15:30 by CLIENT
Date Received: 30-JAN-02 15:40
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	79	%		31-JAN-02 00:00	CLP 3.0	01-202-27
Arsenic	3.5	mg/kg	0.700	05-FEB-02 00:00	EPA 206.2 CLPM	01-178-30
Barium	64.1 J	mg/kg	0.246	07-FEB-02 02:21	EPA 200.7 CLPM	02-017-01
Cadmium	2.83 J	mg/kg	0.614	07-FEB-02 02:21	EPA 200.7 CLPM	02-017-01
Chromium	14 J	mg/kg	1.23	07-FEB-02 02:21	EPA 200.7 CLPM	02-017-01
Lead	14.9	mg/kg	2.70	08-FEB-02 04:30	EPA 200.7 CLPM	02-017-02
Mercury	0.037 B	mg/kg	0.0190	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	U	mg/kg	1.60	14-FEB-02 00:00	EPA 270.2 CLPM	01-180-28
Silver	U	mg/kg	0.860	07-FEB-02 02:21	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

Page 1 of 1

QC ear NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: John A. Kent
Lab Director

/:	ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
	mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
	B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-13

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TB-01-15-01-27
Description: GRAB
Sampled On: 28-JAN-02 14:44 by CLIENT
Date Received: 30-JAN-02 08:05
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	84.2	%		30-JAN-02 00:00	CLP 3.0	01-202-26
Arsenic	9.4	mg/kg	1.20	01-FEB-02 00:00	EPA 206.2 CLPM	01-178-27
Barium	654	mg/kg	0.224	07-FEB-02 12:56	EPA 200.7 CLPM	02-017-01
Cadmium	U	mg/kg	11.2	08-FEB-02 08:06	EPA 200.7 CLPM	02-017-02
Chromium	27.5	mg/kg	22.4	07-FEB-02 05:57	EPA 200.7 CLPM	02-017-01
Lead	4120 J	mg/kg	2.46	08-FEB-02 03:05	EPA 200.7 CLPM	02-017-02
Mercury	3.86 J	mg/kg	0.0520	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	U R	mg/kg	1.80	14-FEB-02 00:00	EPA 270.2 CLPM	01-180-29
Silver	U	mg/kg	15.7	07-FEB-02 05:57	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

Page 1 of 1

QC cal

NY 10252

NJ 73168

PA 68180

EPA NY 00033

Approved by: John A. Kent

Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-14

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TB-1-15-2'-4'
Description: GRAB
Sampled On: 28-JAN-02 14:44 by CLIENT
Date Received: 30-JAN-02 08:05
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	74.9	%		30-JAN-02 00:00	CLP 3.0	01-202-26
Arsenic	14	mg/kg	1.30	02-FEB-02 00:00	EPA 206.2 CLPM	01-178-28
Barium	297	mg/kg	0.245	07-FEB-02 12:59	EPA 200.7 CLPM	02-017-01
Cadmium	2.65 J	mg/kg	0.612	07-FEB-02 12:59	EPA 200.7 CLPM	02-017-01
Chromium	19.9	mg/kg	1.22	07-FEB-02 12:59	EPA 200.7 CLPM	02-017-01
Lead	853 J	mg/kg	2.69	08-FEB-02 03:08	EPA 200.7 CLPM	02-017-02
Mercury	1.93 J	mg/kg	0.0270	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	U R	mg/kg	1.90	14-FEB-02 00:00	EPA 270.2 CLPM	01-180-29
Silver	1.17 B J	mg/kg	0.857	07-FEB-02 12:59	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

QC *cal*

NY 10252

NJ 73168

PA 68180

Page 1 of 1
EPA NY 00033

Approved by: *John A. Kent*

Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-11

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

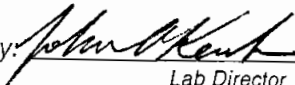
Sample Source: RICHMOND AVENUE
Origin: TB-01-16-0'-2'
Description: GRAB
Sampled On: 28-JAN-02 14:20 by CLIENT
Date Received: 30-JAN-02 08:05
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	84.6	%		30-JAN-02 00:00	CLP 3.0	01-202-26
Arsenic	5.2	mg/kg	0.460	02-FEB-02 00:00	EPA 206.2 CLPM	01-178-28
Barium	175	mg/kg	0.213	07-FEB-02 12:50	EPA 200.7 CLPM	02-017-01
Cadmium	2.08 J	mg/kg	0.532	07-FEB-02 12:50	EPA 200.7 CLPM	02-017-01
Chromium	13.4	mg/kg	1.06	07-FEB-02 12:50	EPA 200.7 CLPM	02-017-01
Lead	1240 J	mg/kg	2.34	08-FEB-02 02:59	EPA 200.7 CLPM	02-017-02
Mercury	2.45 J	mg/kg	0.0280	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	UW R	mg/kg	1.40	14-FEB-02 00:00	EPA 270.2 CLPM	01-180-29
Analysis Comment: W-Post spike recovery out of limits.						
Silver	U	mg/kg	0.745	07-FEB-02 12:50	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

Page 1 of 1

QC ear NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: 
Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-12

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TB-01-16-2'-4'
Description: GRAB
Sampled On: 28-JAN-02 14:20 by CLIENT
Date Received: 30-JAN-02 08:05
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	91.9	%		30-JAN-02 00:00	CLP 3.0	01-202-26
Arsenic	5.4	mg/kg	0.520	01-FEB-02 00:00	EPA 206.2 CLPM	01-178-27
Barium	20.3 B	mg/kg	0.207	07-FEB-02 12:53	EPA 200.7 CLPM	02-017-01
Cadmium	1.37 J	mg/kg	0.518	07-FEB-02 12:53	EPA 200.7 CLPM	02-017-01
Chromium	5.05	mg/kg	1.04	07-FEB-02 12:53	EPA 200.7 CLPM	02-017-01
Lead	37.5 J	mg/kg	2.28	08-FEB-02 03:02	EPA 200.7 CLPM	02-017-02
Mercury	0.112 J	mg/kg	0.0250	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	UW R	mg/kg	1.60	14-FEB-02 00:00	EPA 270.2 CLPM	01-180-29
Analysis Comment: W-Post spike recovery out of limits.						
Silver	U	mg/kg	0.725	07-FEB-02 12:53	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

Page 1 of 1

QC oak NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: John O'Keefe
Lab Director

Y:	ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
	mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-10

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TB-01-16-12'
Description: GRAB
Sampled On: 28-JAN-02 14:20 by CLIENT
Date Received: 30-JAN-02 08:05
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	78.8	%		30-JAN-02 00:00	CLP 3.0	01-202-26
VOA OLM 4.2						
Chloromethane	U	ug/kg	20	07-FEB-02 01:36	VOA OLM 4.2	02-024-1912
Dichlorodifluoromethane	U	ug/kg	20	07-FEB-02 01:36	VOA OLM 4.2	02-024-1912
Bromomethane	U	ug/kg	20	07-FEB-02 01:36	VOA OLM 4.2	02-024-1912
Vinyl chloride	U	ug/kg	20	07-FEB-02 01:36	VOA OLM 4.2	02-024-1912
Chloroethane	U	ug/kg	20	07-FEB-02 01:36	VOA OLM 4.2	02-024-1912
Trichlorofluoromethane	U	ug/kg	20	07-FEB-02 01:36	VOA OLM 4.2	02-024-1912
Methylene chloride	U	ug/kg	20	07-FEB-02 01:36	VOA OLM 4.2	02-024-1912
Acetone	U	ug/kg	20	07-FEB-02 01:36	VOA OLM 4.2	02-024-1912
Carbon disulfide	U	ug/kg	20	07-FEB-02 01:36	VOA OLM 4.2	02-024-1912
Methyl Acetate	U	ug/kg	20	07-FEB-02 01:36	VOA OLM 4.2	02-024-1912
1,1-Dichloroethene	U	ug/kg	20	07-FEB-02 01:36	VOA OLM 4.2	02-024-1912
trans-1,2-Dichloroethene	U	ug/kg	20	07-FEB-02 01:36	VOA OLM 4.2	02-024-1912
MTBE(Methyl tert-butyl ether)	U	ug/kg	20	07-FEB-02 01:36	VOA OLM 4.2	02-024-1912
1,1-Dichloroethane	U	ug/kg	20	07-FEB-02 01:36	VOA OLM 4.2	02-024-1912
1,1,2-Trichloro-1,2,2-trifluoroethane	U	ug/kg	20	07-FEB-02 01:36	VOA OLM 4.2	02-024-1912
cis-1,2-Dichloroethene	U	ug/kg	20	07-FEB-02 01:36	VOA OLM 4.2	02-024-1912
K(2-Butanone)	U	ug/kg	20	07-FEB-02 01:36	VOA OLM 4.2	02-024-1912
Chloroform	U	ug/kg	20	07-FEB-02 01:36	VOA OLM 4.2	02-024-1912
1,1,1-Trichloroethane	U	ug/kg	20	07-FEB-02 01:36	VOA OLM 4.2	02-024-1912
Cyclohexane	U	ug/kg	20	07-FEB-02 01:36	VOA OLM 4.2	02-024-1912
Carbon tetrachloride	U	ug/kg	20	07-FEB-02 01:36	VOA OLM 4.2	02-024-1912
Benzene	U	ug/kg	20	07-FEB-02 01:36	VOA OLM 4.2	02-024-1912
1,2-Dichloroethane	U	ug/kg	20	07-FEB-02 01:36	VOA OLM 4.2	02-024-1912
Trichloroethene	U	ug/kg	20	07-FEB-02 01:36	VOA OLM 4.2	02-024-1912
Methylcyclohexane	U	ug/kg	20	07-FEB-02 01:36	VOA OLM 4.2	02-024-1912
1,2-Dichloropropane	U	ug/kg	20	07-FEB-02 01:36	VOA OLM 4.2	02-024-1912
Bromodichloromethane	U	ug/kg	20	07-FEB-02 01:36	VOA OLM 4.2	02-024-1912
cis-1,3-Dichloropropene	U	ug/kg	20	07-FEB-02 01:36	VOA OLM 4.2	02-024-1912
MIBK(4-Methyl-2-pentanone)	U	ug/kg	20	07-FEB-02 01:36	VOA OLM 4.2	02-024-1912
Toluene	U	ug/kg	20	07-FEB-02 01:36	VOA OLM 4.2	02-024-1912
trans-1,3-Dichloropropene	U	ug/kg	20	07-FEB-02 01:36	VOA OLM 4.2	02-024-1912
1,1,2-Trichloroethane	U	ug/kg	20	07-FEB-02 01:36	VOA OLM 4.2	02-024-1912
Tetrachloroethene	U	ug/kg	20	07-FEB-02 01:36	VOA OLM 4.2	02-024-1912
2-Hexanone	U	ug/kg	20	07-FEB-02 01:36	VOA OLM 4.2	02-024-1912
Dibromochloromethane	U	ug/kg	20	07-FEB-02 01:36	VOA OLM 4.2	02-024-1912
1,2-Dibromoethane	U	ug/kg	20	07-FEB-02 01:36	VOA OLM 4.2	02-024-1912
Chlorobenzene	U	ug/kg	20	07-FEB-02 01:36	VOA OLM 4.2	02-024-1912
Ethylbenzene	U	ug/kg	20	07-FEB-02 01:36	VOA OLM 4.2	02-024-1912
Results calculated on a dry weight basis.						

Page 1 of 5

QC eeb NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: John P. Kent
Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-10

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TB-01-16-12'
Description: GRAB
Sampled On: 28-JAN-02 14:20 by CLIENT
Date Received: 30-JAN-02 08:05
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
p-Xylene/m-Xylene	U	ug/kg	20	07-FEB-02 01:36	VOA OLM 4.2	02-024-1912
o-Xylene	U	ug/kg	20	07-FEB-02 01:36	VOA OLM 4.2	02-024-1912
Styrene	U	ug/kg	20	07-FEB-02 01:36	VOA OLM 4.2	02-024-1912
Bromoform	U	ug/kg	20	07-FEB-02 01:36	VOA OLM 4.2	02-024-1912
Isopropylbenzene	U	ug/kg	20	07-FEB-02 01:36	VOA OLM 4.2	02-024-1912
1,1,2,2-Tetrachloroethane	U	ug/kg	20	07-FEB-02 01:36	VOA OLM 4.2	02-024-1912
1,3-Dichlorobenzene	U	ug/kg	20	07-FEB-02 01:36	VOA OLM 4.2	02-024-1912
1,4-Dichlorobenzene	U	ug/kg	20	07-FEB-02 01:36	VOA OLM 4.2	02-024-1912
1,2-Dichlorobenzene	U	ug/kg	20	07-FEB-02 01:36	VOA OLM 4.2	02-024-1912
1,2-Dibromo-3-chloropropane	U	ug/kg	20	07-FEB-02 01:36	VOA OLM 4.2	02-024-1912
1,2,4-Trichlorobenzene	U	ug/kg	20	07-FEB-02 01:36	VOA OLM 4.2	02-024-1912

Library Search Compounds:	Result	Units	Qual	Retention Time
Unknown Hydrocarbon	1300	ug/kg	J	22.66
Unknown	1200	ug/kg	J	23.29
decahydro-2-methyl naphthalene	1500	ug/kg	NJ	23.43
Unknown	1700	ug/kg	J	23.68
Unknown	1200	ug/kg	J	24.29
Unknown	1900	ug/kg	J	24.36
Unknown	1800	ug/kg	J	24.99
Unknown Hydrocarbon	1300	ug/kg	J	25.09
Unknown	1300	ug/kg	J	25.16
Unknown	2500	ug/kg	J	25.5
Unknown	2300	ug/kg	J	25.69
Unknown	1900	ug/kg	J	26.01
Unknown	1400	ug/kg	J	26.26

Library Search Comment: 13 library search compounds detected.

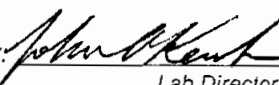
Surrogate Recovery:

1,2-Dichloroethane-d4	106	%	02-024-1912
Toluene-d8	96	%	02-024-1912
4-Bromofluorobenzene	133 *	%	02-024-1912

Analysis Comment: Results Calculated on a dry weight basis. *Surrogate recovery above acceptance limits.

Results calculated on a dry weight basis.

QC ear NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: 
Lab Director

: ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

The information in this report is accurate to the best of our knowledge and ability. In no event shall our liability exceed the cost of these services. Your samples will be discarded after 14 days unless we are advised otherwise.



ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-10

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TB-01-16-12'
Description: GRAB
Sampled On: 28-JAN-02 14:20 by CLIENT
Date Received: 30-JAN-02 08:05
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
SVOA OLM 4.2						
Bis(2-chloroethylether)	U	ug/kg	420	08-FEB-02 23:37	SVOA OLM 4.2	02-011-1134
Benzaldehyde	U	ug/kg	420	08-FEB-02 23:37	SVOA OLM 4.2	02-011-1134
Phenol	U	ug/kg	420	08-FEB-02 23:37	SVOA OLM 4.2	02-011-1134
2-Chlorophenol	U	ug/kg	420	08-FEB-02 23:37	SVOA OLM 4.2	02-011-1134
2-Methylphenol	U	ug/kg	420	08-FEB-02 23:37	SVOA OLM 4.2	02-011-1134
2,2'Oxybis(1-Chloropropane)	U	ug/kg	420	08-FEB-02 23:37	SVOA OLM 4.2	02-011-1134
Hexachloroethane	U	ug/kg	420	08-FEB-02 23:37	SVOA OLM 4.2	02-011-1134
N-Nitrosodi-N-propylamine	U	ug/kg	420	08-FEB-02 23:37	SVOA OLM 4.2	02-011-1134
Acetophenone	U	ug/kg	420	08-FEB-02 23:37	SVOA OLM 4.2	02-011-1134
4-Methylphenol	U	ug/kg	420	08-FEB-02 23:37	SVOA OLM 4.2	02-011-1134
Nitrobenzene	U	ug/kg	420	08-FEB-02 23:37	SVOA OLM 4.2	02-011-1134
Isophorone	U	ug/kg	420	08-FEB-02 23:37	SVOA OLM 4.2	02-011-1134
2-Nitrophenol	U	ug/kg	420	08-FEB-02 23:37	SVOA OLM 4.2	02-011-1134
2,4-Dimethylphenol	U	ug/kg	420	08-FEB-02 23:37	SVOA OLM 4.2	02-011-1134
Bis(2-chloroethoxymethane)	U	ug/kg	420	08-FEB-02 23:37	SVOA OLM 4.2	02-011-1134
2,4-Dichlorophenol	U	ug/kg	420	08-FEB-02 23:37	SVOA OLM 4.2	02-011-1134
Naphthalene	U	ug/kg	420	08-FEB-02 23:37	SVOA OLM 4.2	02-011-1134
4-Chloroaniline	U	ug/kg	420	08-FEB-02 23:37	SVOA OLM 4.2	02-011-1134
Hexachlorobutadiene	U	ug/kg	420	08-FEB-02 23:37	SVOA OLM 4.2	02-011-1134
iprolactam	U	ug/kg	420	08-FEB-02 23:37	SVOA OLM 4.2	02-011-1134
-Chloro-3-methylphenol	U	ug/kg	420	08-FEB-02 23:37	SVOA OLM 4.2	02-011-1134
2-Methylnaphthalene	870 J	ug/kg	420	08-FEB-02 23:37	SVOA OLM 4.2	02-011-1134
Hexachlorocyclopentadiene	U	ug/kg	420	08-FEB-02 23:37	SVOA OLM 4.2	02-011-1134
2,4,6-Trichlorophenol	U	ug/kg	420	08-FEB-02 23:37	SVOA OLM 4.2	02-011-1134
2,4,5-Trichlorophenol	U	ug/kg	1100	08-FEB-02 23:37	SVOA OLM 4.2	02-011-1134
2-Chloronaphthalene	U	ug/kg	420	08-FEB-02 23:37	SVOA OLM 4.2	02-011-1134
1,1'-Biphenyl	U	ug/kg	420	08-FEB-02 23:37	SVOA OLM 4.2	02-011-1134
2-Nitroaniline	U	ug/kg	1100	08-FEB-02 23:37	SVOA OLM 4.2	02-011-1134
Dimethyl phthalate	U	ug/kg	420	08-FEB-02 23:37	SVOA OLM 4.2	02-011-1134
Acenaphthylene	U	ug/kg	420	08-FEB-02 23:37	SVOA OLM 4.2	02-011-1134
2,6-Dinitrotoluene	U	ug/kg	420	08-FEB-02 23:37	SVOA OLM 4.2	02-011-1134
3-Nitroaniline	U	ug/kg	1100	08-FEB-02 23:37	SVOA OLM 4.2	02-011-1134
Acenaphthene	87 J	ug/kg	420	08-FEB-02 23:37	SVOA OLM 4.2	02-011-1134
2,4-Dinitrophenol	U	ug/kg	1100	08-FEB-02 23:37	SVOA OLM 4.2	02-011-1134
Dibenzofuran	U	ug/kg	420	08-FEB-02 23:37	SVOA OLM 4.2	02-011-1134
2,4-Dinitrotoluene	U	ug/kg	420	08-FEB-02 23:37	SVOA OLM 4.2	02-011-1134
4-Nitrophenol	U	ug/kg	1100	08-FEB-02 23:37	SVOA OLM 4.2	02-011-1134
Diethyl phthalate	U	ug/kg	420	08-FEB-02 23:37	SVOA OLM 4.2	02-011-1134
Fluorene	88 J	ug/kg	420	08-FEB-02 23:37	SVOA OLM 4.2	02-011-1134
4-Chlorophenylphenylether	U	ug/kg	420	08-FEB-02 23:37	SVOA OLM 4.2	02-011-1134
4-Nitroaniline	U	ug/kg	1100	08-FEB-02 23:37	SVOA OLM 4.2	02-011-1134

Results calculated on a dry weight basis.



ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-10

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TB-01-16-12'
Description: GRAB
Sampled On: 28-JAN-02 14:20 by CLIENT
Date Received: 30-JAN-02 08:05
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
2-Methyl-4,6-dinitrophenol	U R	ug/kg	1100	08-FEB-02 23:37	SVOA OLM 4.2	02-011-1134
N-Nitrosodiphenylamine	U	ug/kg	420	08-FEB-02 23:37	SVOA OLM 4.2	02-011-1134
4-Bromophenylphenylether	U	ug/kg	420	08-FEB-02 23:37	SVOA OLM 4.2	02-011-1134
Hexachlorobenzene	U	ug/kg	420	08-FEB-02 23:37	SVOA OLM 4.2	02-011-1134
Atrazine	U	ug/kg	420	08-FEB-02 23:37	SVOA OLM 4.2	02-011-1134
Pentachlorophenol	U	ug/kg	1100	08-FEB-02 23:37	SVOA OLM 4.2	02-011-1134
Phenanthrene	170 J J	ug/kg	420	08-FEB-02 23:37	SVOA OLM 4.2	02-011-1134
Anthracene	U	ug/kg	420	08-FEB-02 23:37	SVOA OLM 4.2	02-011-1134
Carbazole	U	ug/kg	420	08-FEB-02 23:37	SVOA OLM 4.2	02-011-1134
Di-n-butyl phthalate	U	ug/kg	420	08-FEB-02 23:37	SVOA OLM 4.2	02-011-1134
Fluoranthene	U	ug/kg	420	08-FEB-02 23:37	SVOA OLM 4.2	02-011-1134
Pyrene	U	ug/kg	420	08-FEB-02 23:37	SVOA OLM 4.2	02-011-1134
Butylbenzyl phthalate	U	ug/kg	420	08-FEB-02 23:37	SVOA OLM 4.2	02-011-1134
Benzo(a)anthracene	U	ug/kg	420	08-FEB-02 23:37	SVOA OLM 4.2	02-011-1134
3,3-Dichlorobenzidine	U	ug/kg	420	08-FEB-02 23:37	SVOA OLM 4.2	02-011-1134
Chrysene	U	ug/kg	420	08-FEB-02 23:37	SVOA OLM 4.2	02-011-1134
Bis-2-ethylhexyl phthalate	U	ug/kg	420	08-FEB-02 23:37	SVOA OLM 4.2	02-011-1134
Di-n-octyl phthalate	U	ug/kg	420	08-FEB-02 23:37	SVOA OLM 4.2	02-011-1134
Benzo(b)fluoranthene	U	ug/kg	420	08-FEB-02 23:37	SVOA OLM 4.2	02-011-1134
Benzo(k)fluoranthene	U	ug/kg	420	08-FEB-02 23:37	SVOA OLM 4.2	02-011-1134
Benzo(a)pyrene	U	ug/kg	420	08-FEB-02 23:37	SVOA OLM 4.2	02-011-1134
Benzo(1,2,3-cd)pyrene	U	ug/kg	420	08-FEB-02 23:37	SVOA OLM 4.2	02-011-1134
Benzo(a,h)anthracene	U	ug/kg	420	08-FEB-02 23:37	SVOA OLM 4.2	02-011-1134
Benzo(g,h,i)perylene	U	ug/kg	420	08-FEB-02 23:37	SVOA OLM 4.2	02-011-1134

Extraction Information:

22-FEB-02 00:00

01-133-88

Library Search Compounds:	Result	Units	Qual	Retention Time
Unknown	530	ug/kg	J	12.94
Unknown	470	ug/kg	J	13.04
2,3-dihydro-1,2-dimethyl-1H-Indene	830	ug/kg	NJ	13.54
Unknown	1300	ug/kg	J	13.72
Pentamethyl Benzene	470	ug/kg	NJ	13.96

Results calculated on a dry weight basis.

QC ear NY 10252 NJ 73168 PA 68180 EPA NY 00033
Page 4 of 5

Approved by: John M. Kent
Lab Director

Y: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-10

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TB-01-16-12'
Description: GRAB
Sampled On: 28-JAN-02 14:20 by CLIENT
Date Received: 30-JAN-02 08:05
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Library Search Compounds:	Result	Units	Qual	Retention Time		
Unknown	660	ug/kg	J	14.3		
Unknown	630	ug/kg	J	14.45		
2,3-dihydro-1,5,7-trimethyl-1H-Indene	600	ug/kg	NJ	14.55		
2,3-dihydro-5,6-dimethyl-1H-Indene	740	ug/kg	NJ	14.79		
Unknown	560	ug/kg	J	14.84		
Unknown	950	ug/kg	J	15.37		
Unknown PAH	700	ug/kg	J	15.64		
1-methyl Naphthalene	1400	ug/kg	NJ	16.01		
1-(1-methylethenyl)-2-(1-methylethyl) Ben	540	ug/kg	NJ	17.39		
1-ethyl Naphthalene	91	ug/kg	NJ	17.48		
2,6-dimethyl Naphthalene	970	ug/kg	NJ	17.68		
2,3-dimethyl Naphthalene	1400	ug/kg	NJ	17.94		
1,7-dimethyl Naphthalene	810	ug/kg	NJ	17.99		
Unknown PAH	630	ug/kg	J	18.25		
Unknown PAH	690	ug/kg	J	18.49		
1,4,6-trimethyl Naphthalene	580	ug/kg	NJ	19.33		
1,6,7-trimethyl Naphthalene	510	ug/kg	NJ	19.98		

Library Search Comment: 22 library search compounds detected.

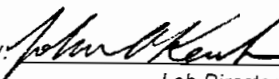
Surrogate Recovery:

2-Fluorophenol	0	*	%	02-011-1134
Phenol-d5	0	*	%	02-011-1134
2-Chlorophenol-d4	0	*	%	02-011-1134
1,2-Dichlorobenzene-d4	0	*	%	02-011-1134
Nitrobenzene-d5	0	*	%	02-011-1134
2-Fluorobiphenyl	17	*	%	02-011-1134
2,4,6-Tribromophenol	40		%	02-011-1134
Terphenyl-d14	42		%	02-011-1134

Analysis Comment: Calculated on a dry weight basis. *Surrogate recovery below acceptance limits. Sample results confirmed, file B1195 except for 2-methylnaphthalene, in which sample was re-extracted beyond holding time, but surrogates passed QC criteria.

Results calculated on a dry weight basis.

QC real NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: 
Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-42

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TB-01-17-0'-2'
Description: GRAB
Sampled On: 29-JAN-02 08:50 by CLIENT
Date Received: 30-JAN-02 15:40
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	83.2	%		31-JAN-02 00:00	CLP 3.0	01-202-27
Arsenic	13	mg/kg	0.510	04-FEB-02 00:00	EPA 206.2 CLPM	01-178-29
Barium	196 J	mg/kg	0.211	07-FEB-02 03:14	EPA 200.7 CLPM	02-017-01
Cadmium	1.82 J	mg/kg	0.527	07-FEB-02 03:14	EPA 200.7 CLPM	02-017-01
Chromium	50.6 J	mg/kg	1.05	07-FEB-02 03:14	EPA 200.7 CLPM	02-017-01
Lead	976 J	mg/kg	2.32	08-FEB-02 05:23	EPA 200.7 CLPM	02-017-02
Mercury	0.462	mg/kg	0.0260	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	U	mg/kg	1.50	14-FEB-02 00:00	EPA 270.2 CLPM	01-180-28
Silver	U	mg/kg	0.738	07-FEB-02 03:14	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

QC ear

NY 10252

NJ 73168

PA 68180

Page 1 of 1
EPA NY 00033

Approved by:

Lab Director

KEY:	ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
	mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
	B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-43

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TB-01-17-21-41
Description: GRAB
Sampled On: 29-JAN-02 08:50 by CLIENT
Date Received: 30-JAN-02 15:40
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	88.4	%		31-JAN-02 00:00	CLP 3.0	01-202-27
Arsenic	6.4	mg/kg	1.10	04-FEB-02 00:00	EPA 206.2 CLPM	01-178-29
Barium	26.4 J	mg/kg	0.226	07-FEB-02 03:17	EPA 200.7 CLPM	02-017-01
Cadmium	U	mg/kg	11.3	08-FEB-02 08:09	EPA 200.7 CLPM	02-017-02
Chromium	26.9 J	mg/kg	22.6	07-FEB-02 06:00	EPA 200.7 CLPM	02-017-01
Lead	1910 J	mg/kg	2.49	08-FEB-02 05:26	EPA 200.7 CLPM	02-017-02
Mercury	U	mg/kg	0.0240	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	U	mg/kg	1.60	14-FEB-02 00:00	EPA 270.2 CLPM	01-180-28
Silver	U	mg/kg	15.8	07-FEB-02 06:00	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

Page 1 of 1

QC ear NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: 
Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

The information in this report is accurate to the best of our knowledge and ability. In no event shall our liability exceed the cost of these services. Your samples will be discarded after 14 days unless we are advised otherwise.



ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-44

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TB-01-18-0'-2'
Description: GRAB
Sampled On: 29-JAN-02 09:07 by CLIENT
Date Received: 30-JAN-02 15:40
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	66.8	%		31-JAN-02 00:00	CLP 3.0	01-202-27
Arsenic	13	mg/kg	0.680	04-FEB-02 00:00	EPA 206.2 CLPM	01-178-29
Barium	419 J	mg/kg	0.288	07-FEB-02 03:20	EPA 200.7 CLPM	02-017-01
Cadmium	2.83 J	mg/kg	0.720	07-FEB-02 03:20	EPA 200.7 CLPM	02-017-01
Chromium	12.6 J	mg/kg	1.44	07-FEB-02 03:20	EPA 200.7 CLPM	02-017-01
Lead	2330 J	mg/kg	3.17	08-FEB-02 05:29	EPA 200.7 CLPM	02-017-02
Mercury	4.41	mg/kg	0.0710	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	U	mg/kg	2.00	14-FEB-02 00:00	EPA 270.2 CLPM	01-180-28
Silver	U	mg/kg	1.01	07-FEB-02 03:20	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

Page 1 of 1

QC *eah*

NY 10252

NJ 73168

PA 68180

EPA NY 00033

Approved by: *John A. Kent*

Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-45

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TB-01-18-27-41
Description: GRAB
Sampled On: 29-JAN-02 09:07 by CLIENT
Date Received: 30-JAN-02 15:40
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	77.2	%		31-JAN-02 00:00	CLP 3.0	01-202-27
Arsenic	7	mg/kg	0.620	04-FEB-02 00:00	EPA 206.2 CLPM	01-178-29
Barium	195 J	mg/kg	0.242	07-FEB-02 03:23	EPA 200.7 CLPM	02-017-01
Cadmium	1.26 J	mg/kg	0.605	07-FEB-02 03:23	EPA 200.7 CLPM	02-017-01
Chromium	8.82 J	mg/kg	1.21	07-FEB-02 03:23	EPA 200.7 CLPM	02-017-01
Lead	619 J	mg/kg	2.66	08-FEB-02 05:32	EPA 200.7 CLPM	02-017-02
Mercury	1.92	mg/kg	0.0270	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	U	mg/kg	1.90	14-FEB-02 00:00	EPA 270.2 CLPM	01-180-28
Silver	U	mg/kg	0.847	07-FEB-02 03:23	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

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QC: ear

NY 10252

NJ 73168

PA 68180

EPA NY 00033

Approved by:

Lab Director

Y:	ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
	mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
	B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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"Our family, caring about your analytical needs... Since 1963."



ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-59

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TB-01-19-2'-4'
Description: GRAB
Sampled On: 29-JAN-02 11:47 by CLIENT
Date Received: 30-JAN-02 15:40
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	78.5	%		31-JAN-02 00:00	CLP 3.0	01-202-27
Arsenic	7.4	mg/kg	0.630	05-FEB-02 00:00	EPA 206.2 CLPM	01-178-30
Barium	105 J	mg/kg	0.250	07-FEB-02 04:31	EPA 200.7 CLPM	02-017-01
Cadmium	3.96	mg/kg	0.624	07-FEB-02 04:31	EPA 200.7 CLPM	02-017-01
Chromium	17.3	mg/kg	1.25	07-FEB-02 04:31	EPA 200.7 CLPM	02-017-01
Lead	24.3 J	mg/kg	2.75	08-FEB-02 06:40	EPA 200.7 CLPM	02-017-02
Mercury	0.067 J	mg/kg	0.0220	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	U R	mg/kg	1.90	15-FEB-02 00:00	EPA 270.2 CLPM	01-180-30
Silver	U	mg/kg	0.874	07-FEB-02 04:31	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

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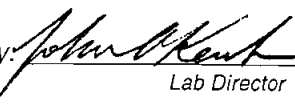
QC oak

NY 10252

NJ 73168

PA 68180

EPA NY 00033

Approved by: 

Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-57

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TB-01-20-0'-2'
Description: GRAB
Sampled On: 29-JAN-02 11:30 by CLIENT
Date Received: 30-JAN-02 15:40
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	80.4	%		31-JAN-02 00:00	CLP 3.0	01-202-27
Arsenic	45	mg/kg	2.50	06-FEB-02 00:00	EPA 206.2 CLPM	01-178-31
Barium	151 J	mg/kg	0.204	07-FEB-02 04:25	EPA 200.7 CLPM	02-017-01
Cadmium	2.02	mg/kg	0.510	07-FEB-02 04:25	EPA 200.7 CLPM	02-017-01
Chromium	7.97	mg/kg	1.02	07-FEB-02 04:25	EPA 200.7 CLPM	02-017-01
Lead	49.2 J	mg/kg	2.24	08-FEB-02 06:34	EPA 200.7 CLPM	02-017-02
Mercury	0.218 J	mg/kg	0.0250	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	U R	mg/kg	1.90	15-FEB-02 00:00	EPA 270.2 CLPM	01-180-30
Silver	U	mg/kg	0.714	07-FEB-02 04:25	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

Page 1 of 1

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NY 10252

NJ 73168

PA 68180

EPA NY 00033

Approved by: John A. Kent

Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-58

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TB-01-20-4'-6'
Description: GRAB
Sampled On: 29-JAN-02 11:34 by CLIENT
Date Received: 30-JAN-02 15:40
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	82.1	%		31-JAN-02 00:00	CLP 3.0	01-202-27
Arsenic	5.6	mg/kg	0.450	07-FEB-02 00:00	EPA 206.2 CLPM	01-178-32
Barium	22.1 B J	mg/kg	0.234	07-FEB-02 04:28	EPA 200.7 CLPM	02-017-01
Cadmium	0.703	mg/kg	0.586	07-FEB-02 04:28	EPA 200.7 CLPM	02-017-01
Chromium	4.73	mg/kg	1.17	07-FEB-02 04:28	EPA 200.7 CLPM	02-017-01
Lead	11 J	mg/kg	0.560	09-FEB-02 00:00	EPA 239.2 CLPM	01-016-10
Mercury	U R	mg/kg	0.0250	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	U R	mg/kg	1.70	15-FEB-02 00:00	EPA 270.2 CLPM	01-180-30
Silver	U	mg/kg	0.820	07-FEB-02 04:28	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

Page 1 of 1

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NY 10252

NJ 73168

PA 68180

EPA NY 00033

Approved by: *John A. Kaut*

Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-37

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TB-01-21-0'-2'
Description: GRAB
Sampled On: 29-JAN-02 12:48 by CLIENT
Date Received: 30-JAN-02 15:40
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	90.5	%		31-JAN-02 00:00	CLP 3.0	01-202-27
Arsenic	2.1	mg/kg	0.220	06-FEB-02 00:00	EPA 206.2 CLPM	01-178-31
Barium	70.1 J	mg/kg	0.199	07-FEB-02 02:45	EPA 200.7 CLPM	02-017-01
Cadmium	1.37 J	mg/kg	0.498	07-FEB-02 02:45	EPA 200.7 CLPM	02-017-01
Chromium	9.52 J	mg/kg	0.995	07-FEB-02 02:45	EPA 200.7 CLPM	02-017-01
Lead	17.4 J	mg/kg	2.19	08-FEB-02 04:54	EPA 200.7 CLPM	02-017-02
Mercury	U	mg/kg	0.0270	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	UW	mg/kg	1.60	14-FEB-02 00:00	EPA 270.2 CLPM	01-180-28
Analysis Comment: W-Post spike recovery out of limits.						
Silver	U	mg/kg	0.697	07-FEB-02 02:45	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

Page 1 of 1

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NY 10252

NJ 73168

PA 68180

EPA NY 00033

Approved by: John A. Kunk

Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-36

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TB-01-21-4'-6'
Description: GRAB
Sampled On: 29-JAN-02 12:48 by CLIENT
Date Received: 30-JAN-02 15:40
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	67.8	%		31-JAN-02 00:00	CLP 3.0	01-202-27
Arsenic	5.3	mg/kg	0.650	04-FEB-02 00:00	EPA 206.2 CLPM	01-178-29
Barium	108 J	mg/kg	0.278	07-FEB-02 02:42	EPA 200.7 CLPM	02-017-01
Cadmium	3.08 J	mg/kg	0.696	07-FEB-02 02:42	EPA 200.7 CLPM	02-017-01
Chromium	12.9 J	mg/kg	1.39	07-FEB-02 02:42	EPA 200.7 CLPM	02-017-01
Lead	19.9 J	mg/kg	3.06	08-FEB-02 04:51	EPA 200.7 CLPM	02-017-02
Mercury	0.083	mg/kg	0.0220	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	U	mg/kg	1.90	14-FEB-02 00:00	EPA 270.2 CLPM	01-180-28
Silver	U	mg/kg	0.974	07-FEB-02 02:42	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

QC ear

NY 10252

NJ 73168

PA 68180

Page 1 of 1
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Approved by:

Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-64

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TB-01-22-01-21
Description: GRAB
Sampled On: 29-JAN-02 13:30 by CLIENT
Date Received: 30-JAN-02 15:40
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	93.9	%		31-JAN-02 00:00	CLP 3.0	01-202-27
Arsenic	2.4	mg/kg	0.210	07-FEB-02 00:00	EPA 206.2 CLPM	01-178-32
Barium	27.2 J	mg/kg	0.205	07-FEB-02 04:46	EPA 200.7 CLPM	02-017-01
Cadmium	0.672	mg/kg	0.512	07-FEB-02 04:46	EPA 200.7 CLPM	02-017-01
Chromium	67.1	mg/kg	1.02	07-FEB-02 04:46	EPA 200.7 CLPM	02-017-01
Lead	63 J	mg/kg	2.25	08-FEB-02 06:55	EPA 200.7 CLPM	02-017-02
Mercury	0.065 J	mg/kg	0.0260	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	U R	mg/kg	1.60	15-FEB-02 00:00	EPA 270.2 CLPM	01-180-30
Silver	U	mg/kg	0.717	07-FEB-02 04:46	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

Page 1 of 1

QC *ear*

NY 10252

NJ 73168

PA 68180

EPA NY 00033

Approved by: *John A. Kent*

Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-65

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TB-01-22-2'-4'
Description: GRAB
Sampled On: 29-JAN-02 13:30 by CLIENT
Date Received: 30-JAN-02 15:40
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	85.4	%		31-JAN-02 00:00	CLP 3.0	01-202-27
Arsenic	9.7	mg/kg	0.490	05-FEB-02 00:00	EPA 206.2 CLPM	01-178-30
Barium	61.8 J	mg/kg	0.179	07-FEB-02 04:49	EPA 200.7 CLPM	02-017-01
Cadmium	6.25	mg/kg	0.447	07-FEB-02 04:49	EPA 200.7 CLPM	02-017-01
Chromium	U	mg/kg	0.894	07-FEB-02 04:49	EPA 200.7 CLPM	02-017-01
Lead	65.1 J	mg/kg	1.97	08-FEB-02 06:58	EPA 200.7 CLPM	02-017-02
Mercury	1.29 J	mg/kg	0.0260	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	U R	mg/kg	1.50	15-FEB-02 00:00	EPA 270.2 CLPM	01-180-30
Silver	0.968	mg/kg	0.626	07-FEB-02 04:49	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

Page 1 of 1

QC ear NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: John A. Kent
Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-62

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TB-01-23-0'-2'
Description: GRAB
Sampled On: 29-JAN-02 13:17 by CLIENT
Date Received: 30-JAN-02 15:40
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	93.5	%		31-JAN-02 00:00	CLP 3.0	01-202-27
Arsenic	3.2	mg/kg	0.430	05-FEB-02 00:00	EPA 206.2 CLPM	01-178-30
Barium	70.2 J	mg/kg	0.202	07-FEB-02 04:40	EPA 200.7 CLPM	02-017-01
Cadmium	1.77	mg/kg	0.504	07-FEB-02 04:40	EPA 200.7 CLPM	02-017-01
Chromium	322	mg/kg	1.01	07-FEB-02 04:40	EPA 200.7 CLPM	02-017-01
Lead	134 J	mg/kg	2.22	08-FEB-02 06:49	EPA 200.7 CLPM	02-017-02
Mercury	U R	mg/kg	0.0220	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	UW R	mg/kg	1.30	15-FEB-02 00:00	EPA 270.2 CLPM	01-180-30
Analysis Comment: W-post spike recovery out of limits						
Silver	U	mg/kg	0.706	07-FEB-02 04:40	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

Page 1 of 1

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NY 10252

NJ 73168

PA 68180

EPA NY 00033

Approved by: 

Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-63

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TB-01-23-41-61
Description: GRAB
Sampled On: 29-JAN-02 13:17 by CLIENT
Date Received: 30-JAN-02 15:40
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	94.7	%		31-JAN-02 00:00	CLP 3.0	01-202-27
Arsenic	4.8	mg/kg	0.500	05-FEB-02 00:00	EPA 206.2 CLPM	01-178-30
Barium	9.72 B J	mg/kg	0.199	07-FEB-02 04:43	EPA 200.7 CLPM	02-017-01
Cadmium	0.89	mg/kg	0.498	07-FEB-02 04:43	EPA 200.7 CLPM	02-017-01
Chromium	10.2	mg/kg	0.996	07-FEB-02 04:43	EPA 200.7 CLPM	02-017-01
Lead	25.5 J	mg/kg	2.19	08-FEB-02 06:52	EPA 200.7 CLPM	02-017-02
Mercury	U R	mg/kg	0.0210	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	UW R	mg/kg	1.50	15-FEB-02 00:00	EPA 270.2 CLPM	01-180-30
Analysis Comment: W-post spike recovery out of limits						
Silver	U	mg/kg	0.697	07-FEB-02 04:43	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

Page 1 of 1

QC ear

NY 10252

NJ 73168

PA 68180

EPA NY 00033

Approved by: John A. Kent

Lab Director

Y:	ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
	mg/L	= milligrams per liter (equivalent to parts per million)	mg/kg	= milligrams per kilogram (equivalent to parts per million)	
	B	= analyte was detected in the method or trip blank	J	= result estimated below the quantitation limit	

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-60

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TB-01-24-2'-4'
Description: GRAB
Sampled On: 29-JAN-02 13:04 by CLIENT
Date Received: 30-JAN-02 15:40
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	82.9	%		31-JAN-02 00:00	CLP 3.0	01-202-27
Arsenic	5.1	mg/kg	0.510	05-FEB-02 00:00	EPA 206.2 CLPM	01-178-30
Barium	79.1 J	mg/kg	0.241	07-FEB-02 04:34	EPA 200.7 CLPM	02-017-01
Cadmium	1.55	mg/kg	0.603	07-FEB-02 04:34	EPA 200.7 CLPM	02-017-01
Chromium	7.43	mg/kg	1.21	07-FEB-02 04:34	EPA 200.7 CLPM	02-017-01
Lead	432 J	mg/kg	2.65	08-FEB-02 06:43	EPA 200.7 CLPM	02-017-02
Mercury	0.602 J	mg/kg	0.0250	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	U R	mg/kg	1.50	15-FEB-02 00:00	EPA 270.2 CLPM	01-180-30
Silver	U	mg/kg	0.844	07-FEB-02 04:34	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

Page 1 of 1

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NY 10252

NJ 73168

PA 68180

EPA NY 00033

Approved by:


Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-61

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TB-01-24-6'-8'
Description: GRAB
Sampled On: 29-JAN-02 13:04 by CLIENT
Date Received: 30-JAN-02 15:40
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	79.7	%		31-JAN-02 00:00	CLP 3.0	01-202-27
Arsenic	6	mg/kg	0.600	05-FEB-02 00:00	EPA 206.2 CLPM	01-178-30
Barium	111 J	mg/kg	0.228	07-FEB-02 04:37	EPA 200.7 CLPM	02-017-01
Cadmium	1.65	mg/kg	0.570	07-FEB-02 04:37	EPA 200.7 CLPM	02-017-01
Chromium	11	mg/kg	1.14	07-FEB-02 04:37	EPA 200.7 CLPM	02-017-01
Lead	353 J	mg/kg	2.51	08-FEB-02 06:46	EPA 200.7 CLPM	02-017-02
Mercury	0.885 J	mg/kg	0.0300	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	U R	mg/kg	1.80	15-FEB-02 00:00	EPA 270.2 CLPM	01-180-30
Silver	U	mg/kg	0.798	07-FEB-02 04:37	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

Page 1 of 1

QC ear

NY 10252

NJ 73168

PA 68180

EPA NY 00033

Approved by:

Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-56

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TB-01-25-2'-4'
Description: GRAB
Sampled On: 29-JAN-02 11:10 by CLIENT
Date Received: 30-JAN-02 15:40
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	83.9	%		31-JAN-02 00:00	CLP 3.0	01-202-27
Arsenic	3.9	mg/kg	0.415	06-FEB-02 00:00	EPA 206.2 CLPM	01-178-31
Barium	73.7 J	mg/kg	0.234	07-FEB-02 04:22	EPA 200.7 CLPM	02-017-01
Cadmium	3.03	mg/kg	0.584	07-FEB-02 04:22	EPA 200.7 CLPM	02-017-01
Chromium	15.6	mg/kg	1.17	07-FEB-02 04:22	EPA 200.7 CLPM	02-017-01
Lead	13.1 J	mg/kg	2.57	08-FEB-02 06:31	EPA 200.7 CLPM	02-017-02
Mercury	U R	mg/kg	0.0260	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	U R	mg/kg	1.60	15-FEB-02 00:00	EPA 270.2 CLPM	01-180-30
Silver	U	mg/kg	0.818	07-FEB-02 04:22	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

Page 1 of 1

QC oak

NY 10252

NJ 73168

PA 68180

EPA NY 00033

Approved by:


Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-54

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TB-01-26-01-21
Description: GRAB
Sampled On: 29-JAN-02 10:51 by CLIENT
Date Received: 30-JAN-02 15:40
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	89.6	%		31-JAN-02 00:00	CLP 3.0	01-202-27
Arsenic	1.2	mg/kg	0.210	06-FEB-02 00:00	EPA 206.2 CLPM	01-178-31
Barium	22.4 J	mg/kg	0.196	07-FEB-02 04:02	EPA 200.7 CLPM	02-017-01
Cadmium	1.96	mg/kg	0.490	07-FEB-02 04:02	EPA 200.7 CLPM	02-017-01
Chromium	6.87	mg/kg	0.979	07-FEB-02 04:02	EPA 200.7 CLPM	02-017-01
Lead	5 J	mg/kg	1.00	08-FEB-02 00:00	EPA 239.2 CLPM	01-016-9
Mercury	U R	mg/kg	0.0180	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	U R	mg/kg	1.60	14-FEB-02 00:00	EPA 270.2 CLPM	01-180-29
Silver	U	mg/kg	0.685	07-FEB-02 04:02	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

Page 1 of 1

QC ear

NY 10252

NJ 73168

PA 68180

EPA NY 00033

Approved by: John A. Kunk

Lab Director

ND or U = None Detected

< = less than

ug/L

= micrograms per liter (equivalent to parts per billion)

mg/L = milligrams per liter (equivalent to parts per million)

mg/kg

= milligrams per kilogram (equivalent to parts per million)

B = analyte was detected in the method or trip blank

J

= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-55

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TB-01-26-4'-6.5'
Description: GRAB
Sampled On: 29-JAN-02 10:51 by CLIENT
Date Received: 30-JAN-02 15:40
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	90.1	%		31-JAN-02 00:00	CLP 3.0	01-202-27
Arsenic	5.9	mg/kg	0.500	05-FEB-02 00:00	EPA 206.2 CLPM	01-178-30
Barium	18.8 B J	mg/kg	0.218	07-FEB-02 04:05	EPA 200.7 CLPM	02-017-01
Cadmium	1.12	mg/kg	0.544	07-FEB-02 04:05	EPA 200.7 CLPM	02-017-01
Chromium	5.07	mg/kg	1.09	07-FEB-02 04:05	EPA 200.7 CLPM	02-017-01
Lead	17.3 J	mg/kg	2.39	08-FEB-02 06:14	EPA 200.7 CLPM	02-017-02
Mercury	0.031 B J	mg/kg	0.0260	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	U R	mg/kg	1.50	15-FEB-02 00:00	EPA 270.2 CLPM	01-180-30
Silver	U	mg/kg	0.762	07-FEB-02 04:05	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

Page 1 of 1

QC *ack*

NY 10252

NJ 73168

PA 68180

EPA NY 00033

Approved by: *[Signature]*

Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-67

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TB-01-27-01-21
Description: GRAB
Sampled On: 29-JAN-02 14:11 by CLIENT
Date Received: 30-JAN-02 15:40
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	85.7	%		31-JAN-02 00:00	CLP 3.0	01-202-27
Arsenic	13	mg/kg	0.540	05-FEB-02 00:00	EPA 206.2 CLPM	01-178-30
Barium	235 J	mg/kg	0.231	07-FEB-02 05:01	EPA 200.7 CLPM	02-017-01
Cadmium	4.6	mg/kg	0.578	08-FEB-02 07:10	EPA 200.7 CLPM	02-017-02
Chromium	8.86	mg/kg	1.16	07-FEB-02 05:01	EPA 200.7 CLPM	02-017-01
Lead	1170 J	mg/kg	2.54	08-FEB-02 07:10	EPA 200.7 CLPM	02-017-02
Mercury	0.298 J	mg/kg	0.0260	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	U R	mg/kg	1.60	15-FEB-02 00:00	EPA 270.2 CLPM	01-180-30
Silver	U	mg/kg	0.809	07-FEB-02 05:01	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

Page 1 of 1

QC gar

NY 10252

NJ 73168

PA 68180

EPA NY 00033

Approved by: John O'Keefe

Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-68

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TB-01-27'-4'-5'
Description: GRAB
Sampled On: 29-JAN-02 14:11 by CLIENT
Date Received: 30-JAN-02 15:40
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	88.6	%		31-JAN-02 00:00	CLP 3.0	01-202-27
Arsenic	0.85 B	mg/kg	0.210	07-FEB-02 00:00	EPA 206.2 CLPM	01-178-32
Barium	10.8 B J	mg/kg	0.200	07-FEB-02 05:04	EPA 200.7 CLPM	02-017-01
Cadmium	U	mg/kg	0.499	08-FEB-02 07:13	EPA 200.7 CLPM	02-017-02
Chromium	2.52	mg/kg	0.999	07-FEB-02 05:04	EPA 200.7 CLPM	02-017-01
Lead	5.3 J	mg/kg	0.530	08-FEB-02 00:00	EPA 239.2 CLPM	01-016-9
Mercury	U R	mg/kg	0.0230	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	U R	mg/kg	1.60	15-FEB-02 00:00	EPA 270.2 CLPM	01-180-30
Silver	U	mg/kg	0.699	07-FEB-02 05:04	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

Page 1 of 1

QC ear NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: John P. Kent
Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-69

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TB-01-28-2'-4'
Description: GRAB
Sampled On: 29-JAN-02 14:20 by CLIENT
Date Received: 30-JAN-02 15:40
P.O. No: 02-007-001

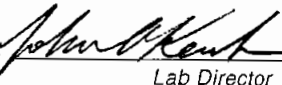
Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	81.5	%		31-JAN-02 00:00	CLP 3.0	01-202-27
Arsenic	3.4	mg/kg	0.560	07-FEB-02 00:00	EPA 206.2 CLPM	01-178-32
Barium	76.9 J	mg/kg	0.208	07-FEB-02 05:07	EPA 200.7 CLPM	02-017-01
Cadmium	1.32	mg/kg	0.520	08-FEB-02 07:16	EPA 200.7 CLPM	02-017-02
Chromium	6.05	mg/kg	1.04	07-FEB-02 05:07	EPA 200.7 CLPM	02-017-01
Lead	107 J	mg/kg	2.29	08-FEB-02 07:16	EPA 200.7 CLPM	02-017-02
Mercury	0.625 J	mg/kg	0.0240	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	UW R	mg/kg	1.70	13-FEB-02 00:00	EPA 270.2 CLPM	01-180-27
Analysis Comment: W-post spike recovery out of limits						
Silver	U	mg/kg	0.728	07-FEB-02 05:07	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

Page 1 of 1

QC ear NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by:


Lab Director

Y:	ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
	mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
	B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-70

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TB-01-28-6'-7'
Description: GRAB
Sampled On: 29-JAN-02 14:20 by CLIENT
Date Received: 30-JAN-02 15:40
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	79	%		31-JAN-02 00:00	CLP 3.0	01-202-27
Arsenic	3.3	mg/kg	0.600	07-FEB-02 00:00	EPA 206.2 CLPM	01-178-32
Barium	53.8 J	mg/kg	0.208	07-FEB-02 05:10	EPA 200.7 CLPM	02-017-01
Cadmium	1.32	mg/kg	0.519	08-FEB-02 07:19	EPA 200.7 CLPM	02-017-02
Chromium	4.14	mg/kg	1.04	07-FEB-02 05:10	EPA 200.7 CLPM	02-017-01
Lead	16 J	mg/kg	1.20	09-FEB-02 00:00	EPA 239.2 CLPM	01-016-10
Mercury	0.024 B J	mg/kg	0.0210	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	UW R	mg/kg	1.80	15-FEB-02 00:00	EPA 270.2 CLPM	01-180-30
Analysis Comment: W-post spike recovery out of limits						
Silver	U	mg/kg	0.726	07-FEB-02 05:10	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

Page 1 of 1

QC ear NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: John A. Kent

Lab Director

Y:	ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
	mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
	B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-73

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TB-01-29-0'-4'
Description: GRAB
Sampled On: 29-JAN-02 15:00 by CLIENT
Date Received: 30-JAN-02 15:40
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	84.3	%		31-JAN-02 00:00	CLP 3.0	01-202-27
Arsenic	26	mg/kg	1.20	07-FEB-02 00:00	EPA 206.2 CLPM	01-178-32
Barium	70.3 J	mg/kg	0.233	07-FEB-02 05:34	EPA 200.7 CLPM	02-017-01
Cadmium	1.43	mg/kg	0.581	08-FEB-02 07:43	EPA 200.7 CLPM	02-017-02
Chromium	6.54	mg/kg	1.16	07-FEB-02 05:34	EPA 200.7 CLPM	02-017-01
Lead	124 J	mg/kg	2.56	15-FEB-02 11:22	EPA 200.7 CLPM	02-017-04
Mercury	0.21 J	mg/kg	0.0220	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	U R	mg/kg	1.80	15-FEB-02 00:00	EPA 270.2 CLPM	01-180-30
Silver	U	mg/kg	0.814	07-FEB-02 05:34	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

QC Lab

NY 10252

NJ 73168

PA 68180

Page 1 of 1
EPA NY 00033

Approved by:

Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-74

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TB-01-29-4/-8/
Description: GRAB
Sampled On: 29-JAN-02 15:00 by CLIENT
Date Received: 30-JAN-02 15:40
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	64.4	%		31-JAN-02 00:00	CLP 3.0	01-202-27
Arsenic	62	mg/kg	5.70	08-FEB-02 00:00	EPA 206.2 CLPM	01-178-33
Barium	351 J	mg/kg	0.307	07-FEB-02 05:40	EPA 200.7 CLPM	02-017-01
Cadmium	3.01	mg/kg	0.769	08-FEB-02 07:49	EPA 200.7 CLPM	02-017-02
Chromium	5.74	mg/kg	1.54	07-FEB-02 05:40	EPA 200.7 CLPM	02-017-01
Lead	1200 J	mg/kg	3.38	15-FEB-02 11:28	EPA 200.7 CLPM	02-017-04
Mercury	0.25 J	mg/kg	0.0310	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	U R	mg/kg	2.10	15-FEB-02 00:00	EPA 270.2 CLPM	01-180-30
Silver	U	mg/kg	1.08	07-FEB-02 05:40	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

QC cal

NY 10252

NJ 73168

PA 68180

Page 1 of 1
EPA NY 00033

Approved by:

Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-71

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TB-01-30-2'-4'
Description: GRAB
Sampled On: 29-JAN-02 14:40 by CLIENT
Date Received: 30-JAN-02 15:40
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	90.6	%		31-JAN-02 00:00	CLP 3.0	01-202-27
Arsenic	5.7	mg/kg	0.440	07-FEB-02 00:00	EPA 206.2 CLPM	01-178-32
Barium	20.5 B J	mg/kg	0.212	07-FEB-02 05:13	EPA 200.7 CLPM	02-017-01
Cadmium	0.734	mg/kg	0.531	08-FEB-02 07:22	EPA 200.7 CLPM	02-017-02
Chromium	5.31	mg/kg	1.06	07-FEB-02 05:13	EPA 200.7 CLPM	02-017-01
Lead	15.9 J	mg/kg	2.33	08-FEB-02 07:22	EPA 200.7 CLPM	02-017-02
Mercury	0.088 J	mg/kg	0.0230	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	UW R	mg/kg	1.30	15-FEB-02 00:00	EPA 270.2 CLPM	01-180-30
Analysis Comment: W-post spike recovery out of limits						
Silver	U	mg/kg	0.743	07-FEB-02 05:13	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

Page 1 of 1

QC ear NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: 
Lab Director

Y:	ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
	mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
	B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-72

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

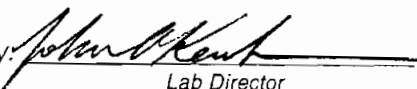
Sample Source: RICHMOND AVENUE
Origin: TB-01-30-4'-6'
Description: GRAB
Sampled On: 29-JAN-02 14:40 by CLIENT
Date Received: 30-JAN-02 15:40
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	79	%		31-JAN-02 00:00	CLP 3.0	01-202-27
Arsenic	3.2	mg/kg	0.620	07-FEB-02 00:00	EPA 206.2 CLPM	01-178-32
Barium	37.1 J	mg/kg	0.161	07-FEB-02 05:16	EPA 200.7 CLPM	02-017-01
Cadmium	2.31	mg/kg	0.403	08-FEB-02 07:25	EPA 200.7 CLPM	02-017-02
Chromium	4.11	mg/kg	0.806	07-FEB-02 05:16	EPA 200.7 CLPM	02-017-01
Lead	53.7 J	mg/kg	1.77	08-FEB-02 07:25	EPA 200.7 CLPM	02-017-02
Mercury	0.031 B J	mg/kg	0.0170	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	UW R	mg/kg	1.90	13-FEB-02 00:00	EPA 270.2 CLPM	01-180-27
Analysis Comment: W-post spike recovery out of limits						
Silver	0.595 B	mg/kg	0.564	07-FEB-02 05:16	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

Page 1 of 1

QC ear NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: 
Lab Director

NY:	ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
	mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
	B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-27

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: DUP
Description: GRAB
Sampled On: 28-JAN-02 00:00 by CLIENT
Date Received: 30-JAN-02 08:05
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	88.9	%		30-JAN-02 00:00	CLP 3.0	01-202-26
Arsenic	4.3	mg/kg	0.540	04-FEB-02 00:00	EPA 206.2 CLPM	01-178-29
Barium	89.8 J	mg/kg	0.199	07-FEB-02 02:09	EPA 200.7 CLPM	02-017-01
Cadmium	2.42 J	mg/kg	0.498	07-FEB-02 02:09	EPA 200.7 CLPM	02-017-01
Chromium	13 J	mg/kg	0.995	07-FEB-02 02:09	EPA 200.7 CLPM	02-017-01
Lead	207	mg/kg	2.19	08-FEB-02 04:18	EPA 200.7 CLPM	02-017-02
Mercury	1.23	mg/kg	0.0250	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	U	mg/kg	1.60	14-FEB-02 00:00	EPA 270.2 CLPM	01-180-28
Silver	U	mg/kg	0.697	07-FEB-02 02:09	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

Page 1 of 1

QC real NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by:


Lab Director

Y:	ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
	mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
	B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-28

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: 95-045-107-36
Description: HOLDING-BLANK
Sampled On: 30-JAN-02 00:00 by LAB
Date Received: 30-JAN-02 08:05
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
VOA OLM 4.2						
Chloromethane	U	ug/l	10	08-FEB-02 16:11	VOA OLM 4.2	02-024-1944
Dichlorodifluoromethane	U	ug/l	10	08-FEB-02 16:11	VOA OLM 4.2	02-024-1944
Bromomethane	U	ug/l	10	08-FEB-02 16:11	VOA OLM 4.2	02-024-1944
Vinyl chloride	U	ug/l	10	08-FEB-02 16:11	VOA OLM 4.2	02-024-1944
Chloroethane	U	ug/l	10	08-FEB-02 16:11	VOA OLM 4.2	02-024-1944
Trichlorofluoromethane	U	ug/l	10	08-FEB-02 16:11	VOA OLM 4.2	02-024-1944
Methylene chloride	3 JB U	ug/l	10	08-FEB-02 16:11	VOA OLM 4.2	02-024-1944
Acetone	U	ug/l	10	08-FEB-02 16:11	VOA OLM 4.2	02-024-1944
Carbon disulfide	U	ug/l	10	08-FEB-02 16:11	VOA OLM 4.2	02-024-1944
Methyl Acetate	U	ug/l	10	08-FEB-02 16:11	VOA OLM 4.2	02-024-1944
1,1-Dichloroethene	U	ug/l	10	08-FEB-02 16:11	VOA OLM 4.2	02-024-1944
trans-1,2-Dichloroethene	U	ug/l	10	08-FEB-02 16:11	VOA OLM 4.2	02-024-1944
MTBE(Methyl tert-butyl ether)	U	ug/l	10	08-FEB-02 16:11	VOA OLM 4.2	02-024-1944
1,1-Dichloroethane	U	ug/l	10	08-FEB-02 16:11	VOA OLM 4.2	02-024-1944
1,1,2-Trichloro-1,2,2-trifluoroethane	U	ug/l	10	08-FEB-02 16:11	VOA OLM 4.2	02-024-1944
cis-1,2-Dichloroethene	U	ug/l	10	08-FEB-02 16:11	VOA OLM 4.2	02-024-1944
MEK(2-Butanone)	U	ug/l	10	08-FEB-02 16:11	VOA OLM 4.2	02-024-1944
Chloroform	U	ug/l	10	08-FEB-02 16:11	VOA OLM 4.2	02-024-1944
1,1,1-Trichloroethane	U	ug/l	10	08-FEB-02 16:11	VOA OLM 4.2	02-024-1944
cyclohexane	U	ug/l	10	08-FEB-02 16:11	VOA OLM 4.2	02-024-1944
Carbon tetrachloride	U	ug/l	10	08-FEB-02 16:11	VOA OLM 4.2	02-024-1944
Benzene	U	ug/l	10	08-FEB-02 16:11	VOA OLM 4.2	02-024-1944
1,2-Dichloroethane	U	ug/l	10	08-FEB-02 16:11	VOA OLM 4.2	02-024-1944
Trichloroethene	U	ug/l	10	08-FEB-02 16:11	VOA OLM 4.2	02-024-1944
Methylcyclohexane	U	ug/l	10	08-FEB-02 16:11	VOA OLM 4.2	02-024-1944
1,2-Dichloropropane	U	ug/l	10	08-FEB-02 16:11	VOA OLM 4.2	02-024-1944
Bromodichloromethane	U	ug/l	10	08-FEB-02 16:11	VOA OLM 4.2	02-024-1944
cis-1,3-Dichloropropene	U	ug/l	10	08-FEB-02 16:11	VOA OLM 4.2	02-024-1944
MIBK(4-Methyl-2-pentanone)	U	ug/l	10	08-FEB-02 16:11	VOA OLM 4.2	02-024-1944
Toluene	U	ug/l	10	08-FEB-02 16:11	VOA OLM 4.2	02-024-1944
trans-1,3-Dichloropropene	U	ug/l	10	08-FEB-02 16:11	VOA OLM 4.2	02-024-1944
1,1,2-Trichloroethane	U	ug/l	10	08-FEB-02 16:11	VOA OLM 4.2	02-024-1944
Tetrachloroethene	U	ug/l	10	08-FEB-02 16:11	VOA OLM 4.2	02-024-1944
2-Hexanone	U	ug/l	10	08-FEB-02 16:11	VOA OLM 4.2	02-024-1944
Dibromochloromethane	U	ug/l	10	08-FEB-02 16:11	VOA OLM 4.2	02-024-1944
1,2-Dibromoethane	U	ug/l	10	08-FEB-02 16:11	VOA OLM 4.2	02-024-1944
Chlorobenzene	U	ug/l	10	08-FEB-02 16:11	VOA OLM 4.2	02-024-1944
Ethylbenzene	U	ug/l	10	08-FEB-02 16:11	VOA OLM 4.2	02-024-1944
p-Xylene/m-Xylene	U	ug/l	10	08-FEB-02 16:11	VOA OLM 4.2	02-024-1944
o-Xylene	U	ug/l	10	08-FEB-02 16:11	VOA OLM 4.2	02-024-1944
Results calculated on a dry weight basis.						

Page 1 of 2

QC aar NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: John O. Kent
Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-28

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: 95-045-107-36
Description: HOLDING BLANK
Sampled On: 30-JAN-02 00:00 by LAB
Date Received: 30-JAN-02 08:05
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Styrene	U	ug/l	10	08-FEB-02 16:11	VOA OLM 4.2	02-024-1944
Bromoform	U	ug/l	10	08-FEB-02 16:11	VOA OLM 4.2	02-024-1944
Isopropylbenzene	U	ug/l	10	08-FEB-02 16:11	VOA OLM 4.2	02-024-1944
1,1,2,2-Tetrachloroethane	U	ug/l	10	08-FEB-02 16:11	VOA OLM 4.2	02-024-1944
1,3-Dichlorobenzene	U	ug/l	10	08-FEB-02 16:11	VOA OLM 4.2	02-024-1944
1,4-Dichlorobenzene	U	ug/l	10	08-FEB-02 16:11	VOA OLM 4.2	02-024-1944
1,2-Dichlorobenzene	U	ug/l	10	08-FEB-02 16:11	VOA OLM 4.2	02-024-1944
1,2-Dibromo-3-chloropropane	U	ug/l	10	08-FEB-02 16:11	VOA OLM 4.2	02-024-1944
1,2,4-Trichlorobenzene	U	ug/l	10	08-FEB-02 16:11	VOA OLM 4.2	02-024-1944

Library Search Compounds:	Result	Units	Qual	Retention Time

No library search compounds detected.

Surrogate Recovery:			
1,2-Dichloroethane-d4	101	%	02-024-1944
Toluene-d8	100	%	02-024-1944
4-Bromofluorobenzene	94	%	02-024-1944

Results calculated on a dry weight basis.

QC ear NY 10252 NJ 73168 PA 68180 EPA NY 20023

Approved by: John B. Kent
Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-46

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: DUP-1-29
Description: GRAB
Sampled On: 29-JAN-02 00:00 by CLIENT
Date Received: 30-JAN-02 15:40
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	83.2	%		31-JAN-02 00:00	CLP 3.0	01-202-27
Arsenic	12	mg/kg	0.550	04-FEB-02 00:00	EPA 206.2 CLPM	01-178-29
Barium	255 J	mg/kg	0.231	07-FEB-02 03:26	EPA 200.7 CLPM	02-017-01
Cadmium	2.73 J	mg/kg	0.578	07-FEB-02 03:26	EPA 200.7 CLPM	02-017-01
Chromium	10.9 J	mg/kg	1.16	07-FEB-02 03:26	EPA 200.7 CLPM	02-017-01
Lead	1790 J	mg/kg	2.54	08-FEB-02 05:35	EPA 200.7 CLPM	02-017-02
Mercury	2.78	mg/kg	0.0530	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	U	mg/kg	1.60	14-FEB-02 00:00	EPA 270.2 CLPM	01-180-28
Silver	U	mg/kg	0.809	07-FEB-02 03:26	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

Page 1 of 1

QC ear

NY 10252

NJ 73168

PA 68180

EPA NY 00033

Approved by: John O'Keefe

Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-47

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: 1-29
Description: GRAB
Sampled On: 29-JAN-02 00:00 by CLIENT
Date Received: 30-JAN-02 15:40
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	92.2	%		31-JAN-02 00:00	CLP 3.0	01-202-27
Arsenic	1.8	mg/kg	2.00	05-FEB-02 00:00	EPA 206.2 CLPM	01-178-30
Barium	47.2 J	mg/kg	0.205	07-FEB-02 03:29	EPA 200.7 CLPM	02-017-01
Cadmium	1.19 J	mg/kg	0.512	07-FEB-02 03:29	EPA 200.7 CLPM	02-017-01
Chromium	6.76 J	mg/kg	1.02	07-FEB-02 03:29	EPA 200.7 CLPM	02-017-01
Lead	43.9 J	mg/kg	2.25	08-FEB-02 05:38	EPA 200.7 CLPM	02-017-02
Mercury	0.021 B	mg/kg	0.0200	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	U	mg/kg	1.50	14-FEB-02 00:00	EPA 270.2 CLPM	01-180-28
Silver	U	mg/kg	0.716	07-FEB-02 03:29	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

Page 1 of 1

QC oak

NY 10252

NJ 73168

PA 68180

EPA NY 00033

Approved by: John A. Kent

Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-33

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: 1-29-2
Description: GRAB
Sampled On: 29-JAN-02 12:48 by CLIENT
Date Received: 30-JAN-02 15:40
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	89.5	%		31-JAN-02 00:00	CLP 3.0	01-202-27
Arsenic	3.8	mg/kg	0.560	04-FEB-02 00:00	EPA 206.2 CLPM	01-178-29
Barium	138 J	mg/kg	0.221	07-FEB-02 02:24	EPA 200.7 CLPM	02-017-01
Cadmium	1.53 J	mg/kg	0.553	07-FEB-02 02:24	EPA 200.7 CLPM	02-017-01
Chromium	13.2 J	mg/kg	1.11	07-FEB-02 02:24	EPA 200.7 CLPM	02-017-01
Lead	95.6	mg/kg	2.43	08-FEB-02 04:33	EPA 200.7 CLPM	02-017-02
Mercury	U	mg/kg	0.0250	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	U	mg/kg	1.70	14-FEB-02 00:00	EPA 270.2 CLPM	01-180-28
Silver	U	mg/kg	0.774	07-FEB-02 02:24	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

Page 1 of 1

QC ear

NY 10252

NJ 73168

PA 68180

EPA NY 00033

Approved by:

Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-34

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: L83043-33MS, 1-29-2
Description: L83043-33
Sampled On: 29-JAN-02 12:48 by CLIENT
Date Received: 30-JAN-02 15:40
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Arsenic	7.6	mg/kg	0.490	04-FEB-02 00:00	EPA 206.2 CLPM	01-178-29
Barium	247	mg/kg	0.211	07-FEB-02 02:36	EPA 200.7 CLPM	02-017-01
Cadmium	6.44 J	mg/kg	0.527	07-FEB-02 02:36	EPA 200.7 CLPM	02-017-01
Chromium	27.7 J	mg/kg	1.05	07-FEB-02 02:36	EPA 200.7 CLPM	02-017-01
Lead	97.5 J	mg/kg	2.32	08-FEB-02 04:45	EPA 200.7 CLPM	02-017-02
Mercury	0.246	mg/kg	0.0260	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	U	mg/kg	1.40	14-FEB-02 00:00	EPA 270.2 CLPM	01-180-28
Silver	4.81	mg/kg	0.738	07-FEB-02 02:36	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

Page 1 of 1

QC ear

NY 10252

NJ 73168

PA 68180

EPA NY 00033

Approved by: John O'Keefe

Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-35

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: L83043-33MSD/DUP 1-29-2
Description: L83043-33
Sampled On: 29-JAN-02 12:48 by CLIENT
Date Received: 30-JAN-02 15:40
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Arsenic	3.6	mg/kg	0.540	04-FEB-02 00:00	EPA 206.2 CLPM	01-178-29
Barium	56.5	mg/kg	0.217	07-FEB-02 02:39	EPA 200.7 CLPM	02-017-01
Cadmium	2.7 J	mg/kg	0.542	07-FEB-02 02:39	EPA 200.7 CLPM	02-017-01
Chromium	9.26 J	mg/kg	1.08	07-FEB-02 02:39	EPA 200.7 CLPM	02-017-01
Lead	56.3 J	mg/kg	2.39	08-FEB-02 04:48	EPA 200.7 CLPM	02-017-02
Mercury	U	mg/kg	0.0230	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	U	mg/kg	1.60	14-FEB-02 00:00	EPA 270.2 CLPM	01-180-28
Silver	U	mg/kg	0.759	07-FEB-02 02:39	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

Page 1 of 1

QC eak

NY 10252

NJ 73168

PA 68180

EPA NY 00033

Approved by:

Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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"Our family, caring about your analytical needs . . . Since 1963."



ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-66

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: DUP-1-29-3
Description: GRAB
Sampled On: 29-JAN-02 13:30 by CLIENT
Date Received: 30-JAN-02 15:40
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	93.8	%		31-JAN-02 00:00	CLP 3.0	01-202-27
Arsenic	3.2	mg/kg	0.480	07-FEB-02 00:00	EPA 206.2 CLPM	01-178-32
Barium	14 B J	mg/kg	0.199	07-FEB-02 04:58	EPA 200.7 CLPM	02-017-01
Cadmium	1.29	mg/kg	0.498	08-FEB-02 07:07	EPA 200.7 CLPM	02-017-02
Chromium	24.9	mg/kg	0.996	07-FEB-02 04:58	EPA 200.7 CLPM	02-017-01
Lead	34.5 J	mg/kg	2.19	08-FEB-02 07:07	EPA 200.7 CLPM	02-017-02
Mercury	0.029 B J	mg/kg	0.0200	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	UW R	mg/kg	1.40	15-FEB-02 00:00	EPA 270.2 CLPM	01-180-30
Analysis Comment: W-post spike recovery out of limits						
Silver	U	mg/kg	0.697	07-FEB-02 04:58	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

Page 1 of 1

QC OK

NY 10252

NJ 73168

PA 68180

EPA NY 00033

Approved by: John O'Keefe

Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-48

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: L83043-47/MS 1-29
Description: L83043-47
Sampled On: 29-JAN-02 00:00 by CLIENT
Date Received: 30-JAN-02 15:40
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Arsenic	5.8	mg/kg	0.210	05-FEB-02 00:00	EPA 206.2 CLPM	01-178-30
Barium	318 J	mg/kg	0.203	07-FEB-02 03:35	EPA 200.7 CLPM	02-017-01
Cadmium	5.44 J	mg/kg	0.507	07-FEB-02 03:35	EPA 200.7 CLPM	02-017-01
Chromium	33.1 J	mg/kg	1.01	07-FEB-02 03:35	EPA 200.7 CLPM	02-017-01
Lead	98.6 J	mg/kg	2.23	08-FEB-02 05:44	EPA 200.7 CLPM	02-017-02
Mercury	0.303	mg/kg	0.0270	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	U	mg/kg	1.50	14-FEB-02 00:00	EPA 270.2 CLPM	01-180-28
Silver	4.57	mg/kg	0.710	07-FEB-02 03:35	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

Page 1 of 1

QC ear NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by:


Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 28-FEB-2002

Lab Sample ID: L83043-49

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: L83043-47MSD 1-29
Description: L83043-47
Sampled On: 29-JAN-02 00:00 by CLIENT
Date Received: 30-JAN-02 15:40
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Arsenic	1.7	mg/kg	0.210	05-FEB-02 00:00	EPA 206.2 CLPM	01-178-30
Barium	64.5 J	mg/kg	0.209	07-FEB-02 03:38	EPA 200.7 CLPM	02-017-01
Cadmium	0.644 J	mg/kg	0.521	07-FEB-02 03:38	EPA 200.7 CLPM	02-017-01
Chromium	11.6 J	mg/kg	1.04	07-FEB-02 03:38	EPA 200.7 CLPM	02-017-01
Lead	52.6 J	mg/kg	2.29	08-FEB-02 05:47	EPA 200.7 CLPM	02-017-02
Mercury	U	mg/kg	0.0220	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	UW	mg/kg	1.50	14-FEB-02 00:00	EPA 270.2 CLPM	01-180-28
Analysis Comment: W-Post spike recovery out of limits.						
Silver	U	mg/kg	0.730	07-FEB-02 03:38	EPA 200.7 CLPM	02-017-01

Results calculated on a dry weight basis.

Page 1 of 1

QC cal NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: John A. Kent

Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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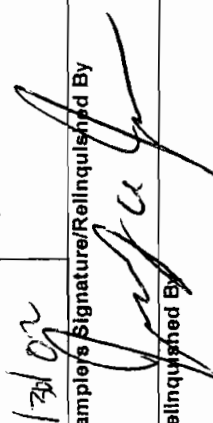
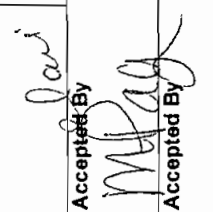
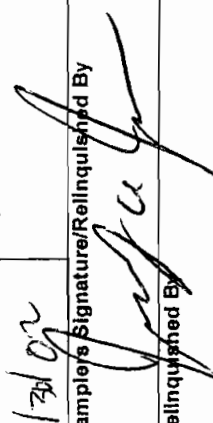
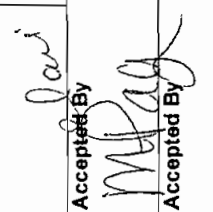
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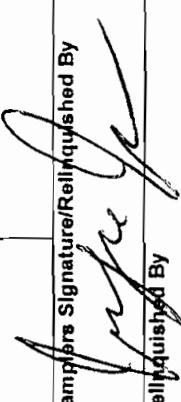
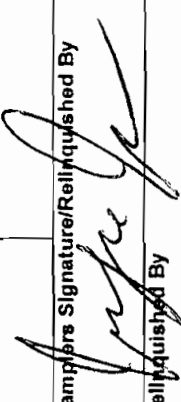
ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

SLC ENVIRONMENTAL SERVICES, INC.

RICHMOND AVENUE

SAMPLED: JANUARY 30 & 31, 2002

FLI Friend Laboratory, Inc. 1 Research Circle Waverly, NY 14892 Phone: (607)-565-3500 Fax: (607)-565-4083		Client: SLC Environmental Service, Inc. Attn to: Jerry Jones Address: 295 Mill Street Lockport, NY 14094 Phone: 716-433-0776 X15 Fax: 716-433-0802										Invoice to: same Attn to: Address:	
		Sample Site: Richman Avenue P.O. # 02-007-001										Copy To: same Address:	
Date & Time of Sample Collection 8/4/07 1/30/02		Origin TP-01-07-9'		Number of Containers 2						Analyses / Tests Requested TCL VOAs and SVOAs, % solids		Sample Number (Lab Use Only) 83107 -1	
11/4/03 1/30/02		TP-01-03-11'		Description: Grab Matrix: soil						TCL VOAs and SVOAs, % solids		-2	
10/13/02 1/30/02		TP-01-02-6'		Description: Grab Matrix: soil						TCL VOAs and SVOAs, % solids		-3	
1/30/02		TP-01-01-8'		Description: Grab Matrix: soil						TCL VOAs and SVOAs, % solids		-4	
Sample's Signature/Relinquished By 		Date / Time 1/30/02 4:00		Accepted By 						Date / Time 1/31/02 1430		Notes to Laboratory NYS ASP Cat. B deliverables 1.2	
Relinquished By 		Date / Time 1/30/02		Accepted By 						Date / Time 1/31/02		Suspected Contamination Level None Slight Moderate High (please circle)	

FLI Friend Laboratory, Inc. 1 Research Circle Waverly, NY 14892 Phone: (607)-565-3500 Fax: (607)-565-4083		Client: SLC Environmental Service, Inc. Attn to: Jerry Jones Address: 295 Mill Street Lockport, NY 14094 Phone: 716-433-0776 X15 Fax: 716-433-0802						Invoice to: same Attn to: Address:		
Sample Site: Richman Avenue P.O. # 02-007-001		Project No./Name: Copy To: same Address:						83167 Sample Number (Lab Use Only)		
Date & Time of Sample Collection 2:10 1/30/02		Origin TP-01-04-12'		Number of Containers 2				Analyses / Tests Requested TCL VOAs and SVOAs, % solids		-5
1/30/02		DUP-1-30		Description: Grab Matrix: soil				TCL VOAs and SVOAs, % solids		-6
				Description: Grab Matrix: soil				TCL VOAs and SVOAs, % solids		
				Description: Grab Matrix: soil				TCL VOAs and SVOAs, % solids		
				Description: Grab Matrix: soil				TCL VOAs and SVOAs, % solids		
Relinquished By 		Relinquished By 		Date / Time 1/30/02 4:00		Accepted By Melanefeg		Date / Time 1/31/02		Notes to Laboratory NYS ASP Cat. B deliverables 1.20
Relinquished By		Relinquished By		Date / Time		Accepted By		Date / Time		Suspected Contamination Level None Slight Moderate High (please circle)

FLI Friend Laboratory, Inc. 1 Research Circle Waverly, NY 14892 Phone: (607)-565-3500 Fax: (607)-565-4083	Untreated Sodium thiosulfate HCL pH < 2 Ascorbic acid & HCL pH < 2 HNO3 pH < 2 H2SO4 pH < 2 NaOH pH > 12 NaOH & Zinc acetate pH > 9 Acetic Buffer pH < 3 Sodium Sulfite	Client: SLC Environmental Service, Inc. Attn to: Jerry Jones Address: 295 Mill Street Lockport, NY 14094 Phone: 716-433-0776 X15 Fax: 716-433-0802	Invoice to: same Attn to: Address:
Sample Site: Richman Avenue P.O. # 02-007-001		Project No./Name: RICHMOND AVE J02-007	Copy To: same Address:
Date & Time of Sample Collection 10/30 11/3/02	Origin TP-01-8-4'	Number of Containers 2	Analyses / Tests Requested TCL VOAs and SVOAs, % solids
9/10 11/3/02	Description: Grab Matrix: soil		Sample Number (Lab Use Only) 83167
8/30 11/3/02	Description: Grab Matrix: soil		TCL VOAs and SVOAs, % solids m s j m s D -8.9.10
	Description: Grab Matrix: soil		TCL VOAs and SVOAs, % solids -11
	Description: Grab Matrix: soil		TCL VOAs and SVOAs, % solids
Samplers Signature/Relinquished By 11/3/02 4:00 Relinquished By Relinquished By	Date / Time 11/3/02 4:00 Date / Time Date / Time	Accepted By Melane Page Accepted By	Date / Time 2/1/02 1520 Date / Time Date / Time
	Date / Time Date / Time	Accepted By Accepted By	Notes to Laboratory NYS ASP Cat. B deliverables 2.1
	Date / Time Date / Time	Accepted By Accepted By	Suspected Contamination Level None Slight Moderate High (please circle)

FLI Friend Laboratory, Inc. 1 Research Circle Waverly, NY 14892 Phone: (607)-565-3500 Fax: (607)-565-4083	Untreated Sodium thiosulfate HCL pH > 2 Ascorbic acid & HCL pH > 2 HNO3 pH > 2 H2SO4 pH > 2 NaOH pH > 12 NaOH & Zinc acetate pH > 9 Acetic Buffer pH > 3 Sodium Sulfite	Client: SLC Environmental Service, Inc. Attn to: Jerry Jones Address: 295 Mill Street Lockport, NY 14094 Phone: 716-433-0776 X15 Fax: 716-433-0802	Invoice to: same Attn to: Address:
Sample Site: Richman Avenue P.O. # 02-007-001		Project No./Name: RICHMOND AVE J02-07	Copy To: same Address:
Date & Time of Sample Collection	Number of Containers	Analyses / Tests Requested	Sample Number (Lab Use Only)
2:44 1/31/02	4 Description: Grab Matrix: soil	RCRA metals, % solids PCB, VOC SVOC	-12
2:44 1/31/02	4 Description: Grab Matrix: soil	RCRA metals, % solids PCB VOC SVOC	-13
	1 Description: Grab Matrix: soil	RCRA metals, % solids	
	1 Description: Grab Matrix: soil	RCRA metals, % solids	
Sample Signature/Relinquished By	Date / Time 1/31/02 4:50	Accepted By <i>[Signature]</i>	Notes to Laboratory NYS ASP Cat. B deliverables
Relinquished By	Date / Time	Date / Time 2/1/02	
Relinquished By	Date / Time	Date / Time	Suspected Contamination Level None Slight Moderate High (please circle)

FLI
FRIEND
LABORATORY
INC

Lab Department
Fraction/Parameter

5701

Number	Relinquished By	Date	Time	Received By	Date	Time	*
1	<i>[Signature]</i>	2/1/03	8:30	<i>[Signature]</i>	2/1/03	8:35	
2	<i>[Signature]</i>	2/15/02	1:14	<i>[Signature]</i>	2/15/02	1:15	
2							
3							
3							
3							

This form is transferred with samples. It MUST be returned to the Sample Custodian after completion of analysis.



ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 01-MAR-2002

Lab Sample ID: L83167-4

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TP-01-01-8/
Description: GRAB
Sampled On: 30-JAN-02 09:30 by CLIENT
Date Received: 31-JAN-02 14:30
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	81.3	%		04-FEB-02 00:00	CLP 3.0	01-202-30
VOA OLM 4.2						
Chloromethane	U	ug/kg	11	06-FEB-02 14:04	VOA OLM 4.2	02-024-1891
Dichlorodifluoromethane	U	ug/kg	11	06-FEB-02 14:04	VOA OLM 4.2	02-024-1891
Bromomethane	U	ug/kg	11	06-FEB-02 14:04	VOA OLM 4.2	02-024-1891
Vinyl chloride	U	ug/kg	11	06-FEB-02 14:04	VOA OLM 4.2	02-024-1891
Chloroethane	U	ug/kg	11	06-FEB-02 14:04	VOA OLM 4.2	02-024-1891
Trichlorofluoromethane	U	ug/kg	11	06-FEB-02 14:04	VOA OLM 4.2	02-024-1891
Methylene chloride	U	ug/kg	11	06-FEB-02 14:04	VOA OLM 4.2	02-024-1891
Acetone	U	ug/kg	11	06-FEB-02 14:04	VOA OLM 4.2	02-024-1891
Carbon disulfide	U	ug/kg	11	06-FEB-02 14:04	VOA OLM 4.2	02-024-1891
Methyl Acetate	U	ug/kg	11	06-FEB-02 14:04	VOA OLM 4.2	02-024-1891
1,1-Dichloroethene	U	ug/kg	11	06-FEB-02 14:04	VOA OLM 4.2	02-024-1891
trans-1,2-Dichloroethene	U	ug/kg	11	06-FEB-02 14:04	VOA OLM 4.2	02-024-1891
MTBE(Methyl tert-butyl ether)	U	ug/kg	11	06-FEB-02 14:04	VOA OLM 4.2	02-024-1891
1,1-Dichloroethane	U	ug/kg	11	06-FEB-02 14:04	VOA OLM 4.2	02-024-1891
1,1,2-Trichloro-1,2,2-trifluoroethane	U	ug/kg	11	06-FEB-02 14:04	VOA OLM 4.2	02-024-1891
cis-1,2-Dichloroethene	U	ug/kg	11	06-FEB-02 14:04	VOA OLM 4.2	02-024-1891
K(2-Butanone)	U	ug/kg	11	06-FEB-02 14:04	VOA OLM 4.2	02-024-1891
Chloroform	U	ug/kg	11	06-FEB-02 14:04	VOA OLM 4.2	02-024-1891
1,1,1-Trichloroethane	U	ug/kg	11	06-FEB-02 14:04	VOA OLM 4.2	02-024-1891
Cyclohexane	U	ug/kg	11	06-FEB-02 14:04	VOA OLM 4.2	02-024-1891
Carbon tetrachloride	U	ug/kg	11	06-FEB-02 14:04	VOA OLM 4.2	02-024-1891
Benzene	U	ug/kg	11	06-FEB-02 14:04	VOA OLM 4.2	02-024-1891
1,2-Dichloroethane	U	ug/kg	11	06-FEB-02 14:04	VOA OLM 4.2	02-024-1891
Trichloroethene	U	ug/kg	11	06-FEB-02 14:04	VOA OLM 4.2	02-024-1891
Methylcyclohexane	U	ug/kg	11	06-FEB-02 14:04	VOA OLM 4.2	02-024-1891
1,2-Dichloropropane	U	ug/kg	11	06-FEB-02 14:04	VOA OLM 4.2	02-024-1891
Bromodichloromethane	U	ug/kg	11	06-FEB-02 14:04	VOA OLM 4.2	02-024-1891
cis-1,3-Dichloropropene	U	ug/kg	11	06-FEB-02 14:04	VOA OLM 4.2	02-024-1891
MIBK(4-Methyl-2-pentanone)	U	ug/kg	11	06-FEB-02 14:04	VOA OLM 4.2	02-024-1891
Toluene	U	ug/kg	11	06-FEB-02 14:04	VOA OLM 4.2	02-024-1891
trans-1,3-Dichloropropene	U	ug/kg	11	06-FEB-02 14:04	VOA OLM 4.2	02-024-1891
1,1,2-Trichloroethane	U	ug/kg	11	06-FEB-02 14:04	VOA OLM 4.2	02-024-1891
Tetrachloroethene	U	ug/kg	11	06-FEB-02 14:04	VOA OLM 4.2	02-024-1891
2-Hexanone	U	ug/kg	11	06-FEB-02 14:04	VOA OLM 4.2	02-024-1891
Dibromochloromethane	U	ug/kg	11	06-FEB-02 14:04	VOA OLM 4.2	02-024-1891
1,2-Dibromoethane	U	ug/kg	11	06-FEB-02 14:04	VOA OLM 4.2	02-024-1891
Chlorobenzene	U	ug/kg	11	06-FEB-02 14:04	VOA OLM 4.2	02-024-1891
Ethylbenzene	U	ug/kg	11	06-FEB-02 14:04	VOA OLM 4.2	02-024-1891
Results calculated on a dry weight basis.						

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

The information in this report is accurate to the best of our knowledge and ability. In no event shall our liability exceed the cost of these services. Your samples will be discarded after 14 days unless we are advised otherwise.



ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 01-MAR-2002

Lab Sample ID: L83167-4

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TP-01-01-8'
Description: GRAB
Sampled On: 30-JAN-02 09:30 by CLIENT
Date Received: 31-JAN-02 14:30
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
p-Xylene/m-Xylene	U	ug/kg	11	06-FEB-02 14:04	VOA OLM 4.2	02-024-1891
o-Xylene	U	ug/kg	11	06-FEB-02 14:04	VOA OLM 4.2	02-024-1891
Styrene	U	ug/kg	11	06-FEB-02 14:04	VOA OLM 4.2	02-024-1891
Bromoforn	U	ug/kg	11	06-FEB-02 14:04	VOA OLM 4.2	02-024-1891
Isopropylbenzene	U	ug/kg	11	06-FEB-02 14:04	VOA OLM 4.2	02-024-1891
1,1,2,2-Tetrachloroethane	U	ug/kg	11	06-FEB-02 14:04	VOA OLM 4.2	02-024-1891
1,3-Dichlorobenzene	U	ug/kg	11	06-FEB-02 14:04	VOA OLM 4.2	02-024-1891
1,4-Dichlorobenzene	U	ug/kg	11	06-FEB-02 14:04	VOA OLM 4.2	02-024-1891
1,2-Dichlorobenzene	U	ug/kg	11	06-FEB-02 14:04	VOA OLM 4.2	02-024-1891
1,2-Dibromo-3-chloropropane	U	ug/kg	11	06-FEB-02 14:04	VOA OLM 4.2	02-024-1891
1,2,4-Trichlorobenzene	U	ug/kg	11	06-FEB-02 14:04	VOA OLM 4.2	02-024-1891

Library Search Compounds:	Result	Units	Qual	Retention Time
Unknown	8	ug/kg	J	8.72

Library Search Comment: One library search compound detected.

Surrogate Recovery:

2-Dichloroethane-d4	105	%	02-024-1891
luene-d8	112	%	02-024-1891
4-Bromofluorobenzene	85	%	02-024-1891

Analysis Comment: Results Calculated on a dry weight basis. Internal standard 1,2,3 recovery below limits. Confirmed by file D1903.

SVOA OLM 4.2

Bis(2-chloroethylether)	U	ug/kg	410	11-FEB-02 13:08	SVOA OLM 4.2	02-011-1140
Benzaldehyde	U	ug/kg	410	11-FEB-02 13:08	SVOA OLM 4.2	02-011-1140
Phenol	U	ug/kg	410	11-FEB-02 13:08	SVOA OLM 4.2	02-011-1140
2-Chlorophenol	U	ug/kg	410	11-FEB-02 13:08	SVOA OLM 4.2	02-011-1140
2-Methylphenol	U	ug/kg	410	11-FEB-02 13:08	SVOA OLM 4.2	02-011-1140
2,2'Oxybis(1-Chloropropane)	U	ug/kg	410	11-FEB-02 13:08	SVOA OLM 4.2	02-011-1140
Hexachloroethane	U	ug/kg	410	11-FEB-02 13:08	SVOA OLM 4.2	02-011-1140
N-Nitrosodi-N-propylamine	U	ug/kg	410	11-FEB-02 13:08	SVOA OLM 4.2	02-011-1140
Acetophenone	U	ug/kg	410	11-FEB-02 13:08	SVOA OLM 4.2	02-011-1140
4-Methylphenol	U	ug/kg	410	11-FEB-02 13:08	SVOA OLM 4.2	02-011-1140
Nitrobenzene	U	ug/kg	410	11-FEB-02 13:08	SVOA OLM 4.2	02-011-1140
Isophorone	U	ug/kg	410	11-FEB-02 13:08	SVOA OLM 4.2	02-011-1140

Results calculated on a dry weight basis.

QC car

NY 10252

NJ 73168

PA 68180

EPA NY 00033

Approved by: John A. Kent

Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 01-MAR-2002

Lab Sample ID: L83167-4

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TP-01-01-8/
Description: GRAB
Sampled On: 30-JAN-02 09:30 by CLIENT
Date Received: 31-JAN-02 14:30
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
2-Nitrophenol	U R	ug/kg	410	11-FEB-02 13:08	SVOA OLM 4.2	02-011-1140
2,4-Dimethylphenol	U	ug/kg	410	11-FEB-02 13:08	SVOA OLM 4.2	02-011-1140
Bis(2-chloroethoxymethane)	U	ug/kg	410	11-FEB-02 13:08	SVOA OLM 4.2	02-011-1140
2,4-Dichlorophenol	U	ug/kg	410	11-FEB-02 13:08	SVOA OLM 4.2	02-011-1140
Naphthalene	U	ug/kg	410	11-FEB-02 13:08	SVOA OLM 4.2	02-011-1140
4-Chloroaniline	U	ug/kg	410	11-FEB-02 13:08	SVOA OLM 4.2	02-011-1140
Hexachlorobutadiene	U	ug/kg	410	11-FEB-02 13:08	SVOA OLM 4.2	02-011-1140
Caprolactam	U	ug/kg	410	11-FEB-02 13:08	SVOA OLM 4.2	02-011-1140
4-Chloro-3-methylphenol	U	ug/kg	410	11-FEB-02 13:08	SVOA OLM 4.2	02-011-1140
2-Methylnaphthalene	U	ug/kg	410	11-FEB-02 13:08	SVOA OLM 4.2	02-011-1140
Hexachlorocyclopentadiene	U	ug/kg	410	11-FEB-02 13:08	SVOA OLM 4.2	02-011-1140
2,4,6-Trichlorophenol	U	ug/kg	410	11-FEB-02 13:08	SVOA OLM 4.2	02-011-1140
2,4,5-Trichlorophenol	U	ug/kg	1000	11-FEB-02 13:08	SVOA OLM 4.2	02-011-1140
2-Chloronaphthalene	U	ug/kg	410	11-FEB-02 13:08	SVOA OLM 4.2	02-011-1140
1,1'-Biphenyl	U	ug/kg	410	11-FEB-02 13:08	SVOA OLM 4.2	02-011-1140
2-Nitroaniline	U	ug/kg	1000	11-FEB-02 13:08	SVOA OLM 4.2	02-011-1140
Dimethyl phthalate	U	ug/kg	410	11-FEB-02 13:08	SVOA OLM 4.2	02-011-1140
Acenaphthylene	U	ug/kg	410	11-FEB-02 13:08	SVOA OLM 4.2	02-011-1140
2,6-Dinitrotoluene	U	ug/kg	410	11-FEB-02 13:08	SVOA OLM 4.2	02-011-1140
3-Nitroaniline	U	ug/kg	1000	11-FEB-02 13:08	SVOA OLM 4.2	02-011-1140
Acenaphthene	U	ug/kg	410	11-FEB-02 13:08	SVOA OLM 4.2	02-011-1140
4-Dinitrophenol	U	ug/kg	1000	11-FEB-02 13:08	SVOA OLM 4.2	02-011-1140
benzofuran	U	ug/kg	410	11-FEB-02 13:08	SVOA OLM 4.2	02-011-1140
2,4-Dinitrotoluene	U	ug/kg	410	11-FEB-02 13:08	SVOA OLM 4.2	02-011-1140
4-Nitrophenol	U	ug/kg	1000	11-FEB-02 13:08	SVOA OLM 4.2	02-011-1140
Diethyl phthalate	U	ug/kg	410	11-FEB-02 13:08	SVOA OLM 4.2	02-011-1140
Fluorene	U	ug/kg	410	11-FEB-02 13:08	SVOA OLM 4.2	02-011-1140
4-Chlorophenylphenylether	U	ug/kg	410	11-FEB-02 13:08	SVOA OLM 4.2	02-011-1140
4-Nitroaniline	U	ug/kg	1000	11-FEB-02 13:08	SVOA OLM 4.2	02-011-1140
2-Methyl-4,6-dinitrophenol	U	ug/kg	1000	11-FEB-02 13:08	SVOA OLM 4.2	02-011-1140
N-Nitrosodiphenylamine	U	ug/kg	410	11-FEB-02 13:08	SVOA OLM 4.2	02-011-1140
4-Bromophenylphenylether	U	ug/kg	410	11-FEB-02 13:08	SVOA OLM 4.2	02-011-1140
Hexachlorobenzene	U	ug/kg	410	11-FEB-02 13:08	SVOA OLM 4.2	02-011-1140
Atrazine	U	ug/kg	410	11-FEB-02 13:08	SVOA OLM 4.2	02-011-1140
Pentachlorophenol	U	ug/kg	1000	11-FEB-02 13:08	SVOA OLM 4.2	02-011-1140
Phenanthrene	U	ug/kg	410	11-FEB-02 13:08	SVOA OLM 4.2	02-011-1140
Anthracene	U	ug/kg	410	11-FEB-02 13:08	SVOA OLM 4.2	02-011-1140
Carbazole	U	ug/kg	410	11-FEB-02 13:08	SVOA OLM 4.2	02-011-1140
Di-n-butyl phthalate	U	ug/kg	410	11-FEB-02 13:08	SVOA OLM 4.2	02-011-1140
Fluoranthene	U	ug/kg	410	11-FEB-02 13:08	SVOA OLM 4.2	02-011-1140
Pyrene	U	ug/kg	410	11-FEB-02 13:08	SVOA OLM 4.2	02-011-1140
Butylbenzyl phthalate	U	ug/kg	410	11-FEB-02 13:08	SVOA OLM 4.2	02-011-1140
Benzo(a)anthracene	U	ug/kg	410	11-FEB-02 13:08	SVOA OLM 4.2	02-011-1140

Results calculated on a dry weight basis.



ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 01-MAR-2002

Lab Sample ID: L83167-4

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TP-01-01-8'
Description: GRAB
Sampled On: 30-JAN-02 09:30 by CLIENT
Date Received: 31-JAN-02 14:30
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
3,3-Dichlorobenzidine	U R	ug/kg	410	11-FEB-02 13:08	SVOA OLM 4.2	02-011-1140
Chrysene	U R	ug/kg	410	11-FEB-02 13:08	SVOA OLM 4.2	02-011-1140
Bis-2-ethylhexyl phthalate	42 J I	ug/kg	410	11-FEB-02 13:08	SVOA OLM 4.2	02-011-1140
Di-n-octyl phthalate	U R	ug/kg	410	11-FEB-02 13:08	SVOA OLM 4.2	02-011-1140
Benzo(b)fluoranthene	U R	ug/kg	410	11-FEB-02 13:08	SVOA OLM 4.2	02-011-1140
Benzo(k)fluoranthene	U R	ug/kg	410	11-FEB-02 13:08	SVOA OLM 4.2	02-011-1140
Benzo(a)pyrene	U R	ug/kg	410	11-FEB-02 13:08	SVOA OLM 4.2	02-011-1140
Indeno(1,2,3-cd)pyrene	U R	ug/kg	410	11-FEB-02 13:08	SVOA OLM 4.2	02-011-1140
Dibenzo(a,h)anthracene	U R	ug/kg	410	11-FEB-02 13:08	SVOA OLM 4.2	02-011-1140
Benzo(g,h,i)perylene	U R	ug/kg	410	11-FEB-02 13:08	SVOA OLM 4.2	02-011-1140

Extraction Information:

22-FEB-02 00:00

01-133-88

Library Search Compounds:	Result	Units	Qual	Retention Time
Hexadecanoic Acid	160	ug/kg	NJ	25.78
bis (2-ethyl hexyl) Hexadecanoic Acid	110	ug/kg	NJ	30.76

Library Search Comment: Two library search compounds detected.

Surrogate Recovery:

2-Fluorophenol	1	*	%	02-011-1140
Phenol-d5	3	*	%	02-011-1140
2-Chlorophenol-d4	2	*	%	02-011-1140
1,2-Dichlorobenzene-d4	0	*	%	02-011-1140
Nitrobenzene-d5	1	*	%	02-011-1140
2-Fluorobiphenyl	10	*	%	02-011-1140
2,4,6-Tribromophenol	42	*	%	02-011-1140
Terphenyl-d14	43	*	%	02-011-1140

Analysis Comment: Results Calculated on a dry weight basis. *Surrogate recovery below acceptance limits. Sample results confirmed by file B1194, in which sample was re-extracted beyond holding time, but surrogates passed QC criteria.

Results calculated on a dry weight basis.

Page 4 of 4

QC cal NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by:

Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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"Our family, caring about your analytical needs . . . Since 1963."



ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 01-MAR-2002

Lab Sample ID: L83167-3

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TP-01-02-6'
Description: GRAB
Sampled On: 30-JAN-02 10:13 by CLIENT
Date Received: 31-JAN-02 14:30
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	79.8	%		04-FEB-02 00:00	CLP 3.0	01-202-30
VOA OLM 4.2						
Chloromethane	U	ug/kg	12	06-FEB-02 13:30	VOA OLM 4.2	02-024-1890
Dichlorodifluoromethane	U	ug/kg	12	06-FEB-02 13:30	VOA OLM 4.2	02-024-1890
Bromomethane	U	ug/kg	12	06-FEB-02 13:30	VOA OLM 4.2	02-024-1890
Vinyl chloride	U	ug/kg	12	06-FEB-02 13:30	VOA OLM 4.2	02-024-1890
Chloroethane	U	ug/kg	12	06-FEB-02 13:30	VOA OLM 4.2	02-024-1890
Trichlorofluoromethane	U	ug/kg	12	06-FEB-02 13:30	VOA OLM 4.2	02-024-1890
Methylene chloride	U	ug/kg	12	06-FEB-02 13:30	VOA OLM 4.2	02-024-1890
Acetone	U	ug/kg	12	06-FEB-02 13:30	VOA OLM 4.2	02-024-1890
Carbon disulfide	U	ug/kg	12	06-FEB-02 13:30	VOA OLM 4.2	02-024-1890
Methyl Acetate	U	ug/kg	12	06-FEB-02 13:30	VOA OLM 4.2	02-024-1890
1,1-Dichloroethene	U	ug/kg	12	06-FEB-02 13:30	VOA OLM 4.2	02-024-1890
trans-1,2-Dichloroethene	U	ug/kg	12	06-FEB-02 13:30	VOA OLM 4.2	02-024-1890
MTBE(Methyl tert-butyl ether)	U	ug/kg	12	06-FEB-02 13:30	VOA OLM 4.2	02-024-1890
1,1-Dichloroethane	U	ug/kg	12	06-FEB-02 13:30	VOA OLM 4.2	02-024-1890
1,1,2-Trichloro-1,2,2-trifluoroethane	U	ug/kg	12	06-FEB-02 13:30	VOA OLM 4.2	02-024-1890
cis-1,2-Dichloroethene	U	ug/kg	12	06-FEB-02 13:30	VOA OLM 4.2	02-024-1890
K(2-Butanone)	U	ug/kg	12	06-FEB-02 13:30	VOA OLM 4.2	02-024-1890
Chloroform	U	ug/kg	12	06-FEB-02 13:30	VOA OLM 4.2	02-024-1890
1,1,1-Trichloroethane	U	ug/kg	12	06-FEB-02 13:30	VOA OLM 4.2	02-024-1890
Cyclohexane	U	ug/kg	12	06-FEB-02 13:30	VOA OLM 4.2	02-024-1890
Carbon tetrachloride	U	ug/kg	12	06-FEB-02 13:30	VOA OLM 4.2	02-024-1890
Benzene	U	ug/kg	12	06-FEB-02 13:30	VOA OLM 4.2	02-024-1890
1,2-Dichloroethane	U	ug/kg	12	06-FEB-02 13:30	VOA OLM 4.2	02-024-1890
Trichloroethene	U	ug/kg	12	06-FEB-02 13:30	VOA OLM 4.2	02-024-1890
Methylcyclohexane	U	ug/kg	12	06-FEB-02 13:30	VOA OLM 4.2	02-024-1890
1,2-Dichloropropane	U	ug/kg	12	06-FEB-02 13:30	VOA OLM 4.2	02-024-1890
Bromodichloromethane	U	ug/kg	12	06-FEB-02 13:30	VOA OLM 4.2	02-024-1890
cis-1,3-Dichloropropene	U	ug/kg	12	06-FEB-02 13:30	VOA OLM 4.2	02-024-1890
MIBK(4-Methyl-2-pentanone)	U	ug/kg	12	06-FEB-02 13:30	VOA OLM 4.2	02-024-1890
Toluene	U	ug/kg	12	06-FEB-02 13:30	VOA OLM 4.2	02-024-1890
trans-1,3-Dichloropropene	U	ug/kg	12	06-FEB-02 13:30	VOA OLM 4.2	02-024-1890
1,1,2-Trichloroethane	U	ug/kg	12	06-FEB-02 13:30	VOA OLM 4.2	02-024-1890
Tetrachloroethene	U	ug/kg	12	06-FEB-02 13:30	VOA OLM 4.2	02-024-1890
2-Hexanone	U	ug/kg	12	06-FEB-02 13:30	VOA OLM 4.2	02-024-1890
Dibromochloromethane	U	ug/kg	12	06-FEB-02 13:30	VOA OLM 4.2	02-024-1890
1,2-Dibromoethane	U	ug/kg	12	06-FEB-02 13:30	VOA OLM 4.2	02-024-1890
Chlorobenzene	U	ug/kg	12	06-FEB-02 13:30	VOA OLM 4.2	02-024-1890
Ethylbenzene	U	ug/kg	12	06-FEB-02 13:30	VOA OLM 4.2	02-024-1890
Results calculated on a dry weight basis.						

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 01-MAR-2002

Lab Sample ID: L83167-3

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TP-01-02-6
Description: GRAB
Sampled On: 30-JAN-02 10:13 by CLIENT
Date Received: 31-JAN-02 14:30
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
p-Xylene/m-Xylene	U	ug/kg	12	06-FEB-02 13:30	VOA OLM 4.2	02-024-1890
o-Xylene	U	ug/kg	12	06-FEB-02 13:30	VOA OLM 4.2	02-024-1890
Styrene	U	ug/kg	12	06-FEB-02 13:30	VOA OLM 4.2	02-024-1890
Bromoform	U	ug/kg	12	06-FEB-02 13:30	VOA OLM 4.2	02-024-1890
Isopropylbenzene	U	ug/kg	12	06-FEB-02 13:30	VOA OLM 4.2	02-024-1890
1,1,2,2-Tetrachloroethane	U	ug/kg	12	06-FEB-02 13:30	VOA OLM 4.2	02-024-1890
1,3-Dichlorobenzene	U	ug/kg	12	06-FEB-02 13:30	VOA OLM 4.2	02-024-1890
1,4-Dichlorobenzene	U	ug/kg	12	06-FEB-02 13:30	VOA OLM 4.2	02-024-1890
1,2-Dichlorobenzene	U	ug/kg	12	06-FEB-02 13:30	VOA OLM 4.2	02-024-1890
1,2-Dibromo-3-chloropropane	U	ug/kg	12	06-FEB-02 13:30	VOA OLM 4.2	02-024-1890
1,2,4-Trichlorobenzene	U	ug/kg	12	06-FEB-02 13:30	VOA OLM 4.2	02-024-1890

Library Search Compounds:	Result	Units	Qual	Retention Time

No library search compounds detected.

Surrogate Recovery:

1,2-Dichloroethane-d4	95	%		02-024-1890
Toluene-d8	111	%		02-024-1890
Bromofluorobenzene	85	%		02-024-1890

Analysis Comment: Results Calculated on a dry weight basis.

SVOA OLM 4.2

Bis(2-chloroethylether)	U	ug/kg	420	08-FEB-02 19:16	SVOA OLM 4.2	02-011-1129
Benzaldehyde	U	ug/kg	420	08-FEB-02 19:16	SVOA OLM 4.2	02-011-1129
Phenol	U	ug/kg	420	08-FEB-02 19:16	SVOA OLM 4.2	02-011-1129
2-Chlorophenol	U	ug/kg	420	08-FEB-02 19:16	SVOA OLM 4.2	02-011-1129
2-Methylphenol	U	ug/kg	420	08-FEB-02 19:16	SVOA OLM 4.2	02-011-1129
2,2'Oxybis(1-Chloropropane)	U	ug/kg	420	08-FEB-02 19:16	SVOA OLM 4.2	02-011-1129
Hexachloroethane	U	ug/kg	420	08-FEB-02 19:16	SVOA OLM 4.2	02-011-1129
N-Nitrosodi-N-propylamine	U	ug/kg	420	08-FEB-02 19:16	SVOA OLM 4.2	02-011-1129
Acetophenone	U	ug/kg	420	08-FEB-02 19:16	SVOA OLM 4.2	02-011-1129
4-Methylphenol	U	ug/kg	420	08-FEB-02 19:16	SVOA OLM 4.2	02-011-1129
Nitrobenzene	U	ug/kg	420	08-FEB-02 19:16	SVOA OLM 4.2	02-011-1129
Isophorone	U	ug/kg	420	08-FEB-02 19:16	SVOA OLM 4.2	02-011-1129
2-Nitrophenol	U	ug/kg	420	08-FEB-02 19:16	SVOA OLM 4.2	02-011-1129
2,4-Dimethylphenol	U	ug/kg	420	08-FEB-02 19:16	SVOA OLM 4.2	02-011-1129
Bis(2-chloroethoxymethane)	U	ug/kg	420	08-FEB-02 19:16	SVOA OLM 4.2	02-011-1129
2,4-Dichlorophenol	U	ug/kg	420	08-FEB-02 19:16	SVOA OLM 4.2	02-011-1129
Naphthalene	U	ug/kg	420	08-FEB-02 19:16	SVOA OLM 4.2	02-011-1129

Results calculated on a dry weight basis.

QC ear

NY 10252

NJ 73168

PA 68180

Page 2 of 4
EPA NY 00033

Approved by:

Lab Director

:	ND or U	= None Detected	<=	less than	ug/L	= micrograms per liter (equivalent to parts per billion)
	mg/L	= milligrams per liter (equivalent to parts per million)			mg/kg	= milligrams per kilogram (equivalent to parts per million)
	B	= analyte was detected in the method or trip blank			J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
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WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 01-MAR-2002

Lab Sample ID: L83167-3

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TP-01-02-6'
Description: GRAB
Sampled On: 30-JAN-02 10:13 by CLIENT
Date Received: 31-JAN-02 14:30
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
4-Chloroaniline	U	ug/kg	420	08-FEB-02 19:16	SVOA OLM 4.2	02-011-1129
Hexachlorobutadiene	U	ug/kg	420	08-FEB-02 19:16	SVOA OLM 4.2	02-011-1129
Caprolactam	U	ug/kg	420	08-FEB-02 19:16	SVOA OLM 4.2	02-011-1129
4-Chloro-3-methylphenol	U	ug/kg	420	08-FEB-02 19:16	SVOA OLM 4.2	02-011-1129
2-Methylnaphthalene	U	ug/kg	420	08-FEB-02 19:16	SVOA OLM 4.2	02-011-1129
Hexachlorocyclopentadiene	U	ug/kg	420	08-FEB-02 19:16	SVOA OLM 4.2	02-011-1129
2,4,6-Trichlorophenol	U	ug/kg	420	08-FEB-02 19:16	SVOA OLM 4.2	02-011-1129
2,4,5-Trichlorophenol	U	ug/kg	1000	08-FEB-02 19:16	SVOA OLM 4.2	02-011-1129
2-Chloronaphthalene	U	ug/kg	420	08-FEB-02 19:16	SVOA OLM 4.2	02-011-1129
1,1'-Biphenyl	U	ug/kg	420	08-FEB-02 19:16	SVOA OLM 4.2	02-011-1129
2-Nitroaniline	U	ug/kg	1000	08-FEB-02 19:16	SVOA OLM 4.2	02-011-1129
Dimethyl phthalate	U	ug/kg	420	08-FEB-02 19:16	SVOA OLM 4.2	02-011-1129
Acenaphthylene	U	ug/kg	420	08-FEB-02 19:16	SVOA OLM 4.2	02-011-1129
2,6-Dinitrotoluene	U	ug/kg	420	08-FEB-02 19:16	SVOA OLM 4.2	02-011-1129
3-Nitroaniline	U	ug/kg	1000	08-FEB-02 19:16	SVOA OLM 4.2	02-011-1129
Acenaphthene	U	ug/kg	420	08-FEB-02 19:16	SVOA OLM 4.2	02-011-1129
2,4-Dinitrophenol	U	ug/kg	1000	08-FEB-02 19:16	SVOA OLM 4.2	02-011-1129
Dibenzofuran	U	ug/kg	420	08-FEB-02 19:16	SVOA OLM 4.2	02-011-1129
2,4-Dinitrotoluene	U	ug/kg	420	08-FEB-02 19:16	SVOA OLM 4.2	02-011-1129
4-Nitrophenol	U	ug/kg	1000	08-FEB-02 19:16	SVOA OLM 4.2	02-011-1129
Diethyl phthalate	U	ug/kg	420	08-FEB-02 19:16	SVOA OLM 4.2	02-011-1129
uorene	U	ug/kg	420	08-FEB-02 19:16	SVOA OLM 4.2	02-011-1129
Chlorophenylphenylether	U	ug/kg	420	08-FEB-02 19:16	SVOA OLM 4.2	02-011-1129
4-Nitroaniline	U	ug/kg	1000	08-FEB-02 19:16	SVOA OLM 4.2	02-011-1129
2-Methyl-4,6-dinitrophenol	U	ug/kg	1000	08-FEB-02 19:16	SVOA OLM 4.2	02-011-1129
N-Nitrosodiphenylamine	U	ug/kg	420	08-FEB-02 19:16	SVOA OLM 4.2	02-011-1129
4-Bromophenylphenylether	U	ug/kg	420	08-FEB-02 19:16	SVOA OLM 4.2	02-011-1129
Hexachlorobenzene	U	ug/kg	420	08-FEB-02 19:16	SVOA OLM 4.2	02-011-1129
Atrazine	U	ug/kg	420	08-FEB-02 19:16	SVOA OLM 4.2	02-011-1129
Pentachlorophenol	U	ug/kg	1000	08-FEB-02 19:16	SVOA OLM 4.2	02-011-1129
Phenanthrene	U	ug/kg	420	08-FEB-02 19:16	SVOA OLM 4.2	02-011-1129
Anthracene	U	ug/kg	420	08-FEB-02 19:16	SVOA OLM 4.2	02-011-1129
Carbazole	U	ug/kg	420	08-FEB-02 19:16	SVOA OLM 4.2	02-011-1129
Di-n-butyl phthalate	U	ug/kg	420	08-FEB-02 19:16	SVOA OLM 4.2	02-011-1129
Fluoranthene	U	ug/kg	420	08-FEB-02 19:16	SVOA OLM 4.2	02-011-1129
Pyrene	U	ug/kg	420	08-FEB-02 19:16	SVOA OLM 4.2	02-011-1129
Butylbenzyl phthalate	U	ug/kg	420	08-FEB-02 19:16	SVOA OLM 4.2	02-011-1129
Benzo(a)anthracene	U	ug/kg	420	08-FEB-02 19:16	SVOA OLM 4.2	02-011-1129
3,3-Dichlorobenzidine	U	ug/kg	420	08-FEB-02 19:16	SVOA OLM 4.2	02-011-1129
Chrysene	U	ug/kg	420	08-FEB-02 19:16	SVOA OLM 4.2	02-011-1129
Bis-2-ethylhexyl phthalate	U	ug/kg	420	08-FEB-02 19:16	SVOA OLM 4.2	02-011-1129
Di-n-octyl phthalate	U	ug/kg	420	08-FEB-02 19:16	SVOA OLM 4.2	02-011-1129
Benzo(b)fluoranthene	U	ug/kg	420	08-FEB-02 19:16	SVOA OLM 4.2	02-011-1129

Results calculated on a dry weight basis.

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 01-MAR-2002

Lab Sample ID: L83167-3

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TP-01-02-6
Description: GRAB
Sampled On: 30-JAN-02 10:13 by CLIENT
Date Received: 31-JAN-02 14:30
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Benzo(k)fluoranthene	U	ug/kg	420	08-FEB-02 19:16	SVOA OLM 4.2	02-011-1129
Benzo(a)pyrene	U	ug/kg	420	08-FEB-02 19:16	SVOA OLM 4.2	02-011-1129
Indeno(1,2,3-cd)pyrene	U	ug/kg	420	08-FEB-02 19:16	SVOA OLM 4.2	02-011-1129
Dibenzo(a,h)anthracene	U	ug/kg	420	08-FEB-02 19:16	SVOA OLM 4.2	02-011-1129
Benzo(g,h,i)perylene	U	ug/kg	420	08-FEB-02 19:16	SVOA OLM 4.2	02-011-1129
Extraction Information:				22-FEB-02 00:00		01-133-88

Library Search Compounds:	Result	Units	Qual	Retention Time
Unknown	88	ug/kg	J	42.38

Library Search Comment: One library search compound detected.

Surrogate Recovery:

2-Fluorophenol	1	*	%	02-011-1129
Phenol-d5	4	*	%	02-011-1129
2-Chlorophenol-d4	2	*	%	02-011-1129
2-Dichlorobenzene-d4	0	*	%	02-011-1129
Bromobenzene-d5	1	*	%	02-011-1129
4-Fluorobiphenyl	9	*	%	02-011-1129
2,4,6-Tribromophenol	39		%	02-011-1129
Terphenyl-d14	40		%	02-011-1129

Analysis Comment: Results Calculated on a dry weight basis. *Surrogate recovery below acceptance limits. Sample results confirmed by file B1193, in which sample was re-extracted beyond holding time, but surrogates passed QC criteria.

Results calculated on a dry weight basis.

Page 4 of 4

QC par NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: John M. Kent
Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 01-MAR-2002

Lab Sample ID: L83167-2

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TP-01-03-11
Description: GRAB
Sampled On: 30-JAN-02 11:43 by CLIENT
Date Received: 31-JAN-02 14:30
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	60.3	%		04-FEB-02 00:00	CLP 3.0	01-202-30
VOA OLM 4.2						
Chloromethane	U	ug/kg	16	06-FEB-02 19:38	VOA OLM 4.2	02-024-1901
Dichlorodifluoromethane	U	ug/kg	16	06-FEB-02 19:38	VOA OLM 4.2	02-024-1901
Bromomethane	U	ug/kg	16	06-FEB-02 19:38	VOA OLM 4.2	02-024-1901
Vinyl chloride	U	ug/kg	16	06-FEB-02 19:38	VOA OLM 4.2	02-024-1901
Chloroethane	U	ug/kg	16	06-FEB-02 19:38	VOA OLM 4.2	02-024-1901
Trichlorofluoromethane	U	ug/kg	16	06-FEB-02 19:38	VOA OLM 4.2	02-024-1901
Methylene chloride	U	ug/kg	16	06-FEB-02 19:38	VOA OLM 4.2	02-024-1901
Acetone	U	ug/kg	16	06-FEB-02 19:38	VOA OLM 4.2	02-024-1901
Carbon disulfide	U	ug/kg	16	06-FEB-02 19:38	VOA OLM 4.2	02-024-1901
Methyl Acetate	U	ug/kg	16	06-FEB-02 19:38	VOA OLM 4.2	02-024-1901
1,1-Dichloroethene	U	ug/kg	16	06-FEB-02 19:38	VOA OLM 4.2	02-024-1901
trans-1,2-Dichloroethene	U	ug/kg	16	06-FEB-02 19:38	VOA OLM 4.2	02-024-1901
MTBE(Methyl tert-butyl ether)	U	ug/kg	16	06-FEB-02 19:38	VOA OLM 4.2	02-024-1901
1,1-Dichloroethane	U	ug/kg	16	06-FEB-02 19:38	VOA OLM 4.2	02-024-1901
1,1,2-Trichloro-1,2,2-trifluoroethane	U	ug/kg	16	06-FEB-02 19:38	VOA OLM 4.2	02-024-1901
cis-1,2-Dichloroethene	U	ug/kg	16	06-FEB-02 19:38	VOA OLM 4.2	02-024-1901
2-Butanone	U	ug/kg	16	06-FEB-02 19:38	VOA OLM 4.2	02-024-1901
Perchloroform	U	ug/kg	16	06-FEB-02 19:38	VOA OLM 4.2	02-024-1901
1,1,1-Trichloroethane	U	ug/kg	16	06-FEB-02 19:38	VOA OLM 4.2	02-024-1901
Cyclohexane	U	ug/kg	16	06-FEB-02 19:38	VOA OLM 4.2	02-024-1901
Carbon tetrachloride	U	ug/kg	16	06-FEB-02 19:38	VOA OLM 4.2	02-024-1901
Benzene	U	ug/kg	16	06-FEB-02 19:38	VOA OLM 4.2	02-024-1901
1,2-Dichloroethane	U	ug/kg	16	06-FEB-02 19:38	VOA OLM 4.2	02-024-1901
Trichloroethene	U	ug/kg	16	06-FEB-02 19:38	VOA OLM 4.2	02-024-1901
Methylcyclohexane	U	ug/kg	16	06-FEB-02 19:38	VOA OLM 4.2	02-024-1901
1,2-Dichloropropane	U	ug/kg	16	06-FEB-02 19:38	VOA OLM 4.2	02-024-1901
Bromodichloromethane	U	ug/kg	16	06-FEB-02 19:38	VOA OLM 4.2	02-024-1901
cis-1,3-Dichloropropene	U	ug/kg	16	06-FEB-02 19:38	VOA OLM 4.2	02-024-1901
MIBK(4-Methyl-2-pentanone)	U	ug/kg	16	06-FEB-02 19:38	VOA OLM 4.2	02-024-1901
Toluene	U	ug/kg	16	06-FEB-02 19:38	VOA OLM 4.2	02-024-1901
trans-1,3-Dichloropropene	U	ug/kg	16	06-FEB-02 19:38	VOA OLM 4.2	02-024-1901
1,1,2-Trichloroethane	U	ug/kg	16	06-FEB-02 19:38	VOA OLM 4.2	02-024-1901
Tetrachloroethene	U	ug/kg	16	06-FEB-02 19:38	VOA OLM 4.2	02-024-1901
2-Hexanone	U	ug/kg	16	06-FEB-02 19:38	VOA OLM 4.2	02-024-1901
Dibromochloromethane	U	ug/kg	16	06-FEB-02 19:38	VOA OLM 4.2	02-024-1901
1,2-Dibromoethane	U	ug/kg	16	06-FEB-02 19:38	VOA OLM 4.2	02-024-1901
Chlorobenzene	U	ug/kg	16	06-FEB-02 19:38	VOA OLM 4.2	02-024-1901
Ethylbenzene	U	ug/kg	16	06-FEB-02 19:38	VOA OLM 4.2	02-024-1901

Results calculated on a dry weight basis.

Page 1 of 4

QC *gar* NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: *John A. Kent*
Lab Director

✓ ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 01-MAR-2002

Lab Sample ID: L83167-2

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TP-01-03-11'
Description: GRAB
Sampled On: 30-JAN-02 11:43 by CLIENT
Date Received: 31-JAN-02 14:30
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
p-Xylene/m-Xylene	U	ug/kg	16	06-FEB-02 19:38	VOA OLM 4.2	02-024-1901
o-Xylene	U	ug/kg	16	06-FEB-02 19:38	VOA OLM 4.2	02-024-1901
Styrene	U	ug/kg	16	06-FEB-02 19:38	VOA OLM 4.2	02-024-1901
Bromoform	U	ug/kg	16	06-FEB-02 19:38	VOA OLM 4.2	02-024-1901
Isopropylbenzene	U	ug/kg	16	06-FEB-02 19:38	VOA OLM 4.2	02-024-1901
1,1,2,2-Tetrachloroethane	U	ug/kg	16	06-FEB-02 19:38	VOA OLM 4.2	02-024-1901
1,3-Dichlorobenzene	U	ug/kg	16	06-FEB-02 19:38	VOA OLM 4.2	02-024-1901
1,4-Dichlorobenzene	U	ug/kg	16	06-FEB-02 19:38	VOA OLM 4.2	02-024-1901
1,2-Dichlorobenzene	U	ug/kg	16	06-FEB-02 19:38	VOA OLM 4.2	02-024-1901
1,2-Dibromo-3-chloropropane	U	ug/kg	16	06-FEB-02 19:38	VOA OLM 4.2	02-024-1901
1,2,4-Trichlorobenzene	U	ug/kg	16	06-FEB-02 19:38	VOA OLM 4.2	02-024-1901

Library Search Compounds:	Result	Units	Qual	Retention Time

No library search compounds detected.

Surrogate Recovery:

1,2-Dichloroethane-d4	100	%	02-024-1901
Toluene-d8	109	%	02-024-1901
p-Bromofluorobenzene	83	%	02-024-1901

Analysis Comment: Results Calculated on a dry weight basis. Internal standard 1,2,3 recovery below limits. Confirmed by file D1889.

SVOA OLM 4.2

Bis(2-chloroethylether)	U	ug/kg	550	08-FEB-02 18:23	SVOA OLM 4.2	02-011-1128
Benzaldehyde	U	ug/kg	550	08-FEB-02 18:23	SVOA OLM 4.2	02-011-1128
Phenol	U	ug/kg	550	08-FEB-02 18:23	SVOA OLM 4.2	02-011-1128
2-Chlorophenol	U	ug/kg	550	08-FEB-02 18:23	SVOA OLM 4.2	02-011-1128
2-Methylphenol	U	ug/kg	550	08-FEB-02 18:23	SVOA OLM 4.2	02-011-1128
2,2'Oxybis(1-Chloropropane)	U	ug/kg	550	08-FEB-02 18:23	SVOA OLM 4.2	02-011-1128
Hexachloroethane	U	ug/kg	550	08-FEB-02 18:23	SVOA OLM 4.2	02-011-1128
N-Nitrosodi-N-propylamine	U	ug/kg	550	08-FEB-02 18:23	SVOA OLM 4.2	02-011-1128
Acetophenone	U	ug/kg	550	08-FEB-02 18:23	SVOA OLM 4.2	02-011-1128
4-Methylphenol	U	ug/kg	550	08-FEB-02 18:23	SVOA OLM 4.2	02-011-1128
Nitrobenzene	U	ug/kg	550	08-FEB-02 18:23	SVOA OLM 4.2	02-011-1128
Isophorone	U	ug/kg	550	08-FEB-02 18:23	SVOA OLM 4.2	02-011-1128
2-Nitrophenol	U	ug/kg	550	08-FEB-02 18:23	SVOA OLM 4.2	02-011-1128
2,4-Dimethylphenol	U	ug/kg	550	08-FEB-02 18:23	SVOA OLM 4.2	02-011-1128
Bis(2-chloroethoxymethane)	U	ug/kg	550	08-FEB-02 18:23	SVOA OLM 4.2	02-011-1128

Results calculated on a dry weight basis.



ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 01-MAR-2002

Lab Sample ID: L83167-2

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TP-01-03-11/
Description: GRAB
Sampled On: 30-JAN-02 11:43 by CLIENT
Date Received: 31-JAN-02 14:30
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
2,4-Dichlorophenol	U	ug/kg	550	08-FEB-02 18:23	SVOA OLM 4.2	02-011-1128
Naphthalene	U	ug/kg	550	08-FEB-02 18:23	SVOA OLM 4.2	02-011-1128
4-Chloroaniline	U	ug/kg	550	08-FEB-02 18:23	SVOA OLM 4.2	02-011-1128
Hexachlorobutadiene	U	ug/kg	550	08-FEB-02 18:23	SVOA OLM 4.2	02-011-1128
Caprolactam	U	ug/kg	550	08-FEB-02 18:23	SVOA OLM 4.2	02-011-1128
4-Chloro-3-methylphenol	U	ug/kg	550	08-FEB-02 18:23	SVOA OLM 4.2	02-011-1128
2-Methylnaphthalene	U	ug/kg	550	08-FEB-02 18:23	SVOA OLM 4.2	02-011-1128
Hexachlorocyclopentadiene	U	ug/kg	550	08-FEB-02 18:23	SVOA OLM 4.2	02-011-1128
2,4,6-Trichlorophenol	U	ug/kg	550	08-FEB-02 18:23	SVOA OLM 4.2	02-011-1128
2,4,5-Trichlorophenol	U	ug/kg	1400	08-FEB-02 18:23	SVOA OLM 4.2	02-011-1128
2-Chloronaphthalene	U	ug/kg	550	08-FEB-02 18:23	SVOA OLM 4.2	02-011-1128
1,1'-Biphenyl	U	ug/kg	550	08-FEB-02 18:23	SVOA OLM 4.2	02-011-1128
2-Nitroaniline	U	ug/kg	1400	08-FEB-02 18:23	SVOA OLM 4.2	02-011-1128
Dimethyl phthalate	U	ug/kg	550	08-FEB-02 18:23	SVOA OLM 4.2	02-011-1128
Acenaphthylene	U	ug/kg	550	08-FEB-02 18:23	SVOA OLM 4.2	02-011-1128
2,6-Dinitrotoluene	U	ug/kg	550	08-FEB-02 18:23	SVOA OLM 4.2	02-011-1128
3-Nitroaniline	U	ug/kg	1400	08-FEB-02 18:23	SVOA OLM 4.2	02-011-1128
Acenaphthene	U	ug/kg	550	08-FEB-02 18:23	SVOA OLM 4.2	02-011-1128
2,4-Dinitrophenol	U	ug/kg	1400	08-FEB-02 18:23	SVOA OLM 4.2	02-011-1128
Dibenzofuran	U	ug/kg	550	08-FEB-02 18:23	SVOA OLM 4.2	02-011-1128
2,4-Dinitrotoluene	U	ug/kg	550	08-FEB-02 18:23	SVOA OLM 4.2	02-011-1128
Nitrophenol	U	ug/kg	1400	08-FEB-02 18:23	SVOA OLM 4.2	02-011-1128
Methyl phthalate	U	ug/kg	550	08-FEB-02 18:23	SVOA OLM 4.2	02-011-1128
Fluorene	U	ug/kg	550	08-FEB-02 18:23	SVOA OLM 4.2	02-011-1128
4-Chlorophenylphenylether	U	ug/kg	550	08-FEB-02 18:23	SVOA OLM 4.2	02-011-1128
4-Nitroaniline	U	ug/kg	1400	08-FEB-02 18:23	SVOA OLM 4.2	02-011-1128
2-Methyl-4,6-dinitrophenol	U	ug/kg	1400	08-FEB-02 18:23	SVOA OLM 4.2	02-011-1128
N-Nitrosodiphenylamine	U	ug/kg	550	08-FEB-02 18:23	SVOA OLM 4.2	02-011-1128
4-Bromophenylphenylether	U	ug/kg	550	08-FEB-02 18:23	SVOA OLM 4.2	02-011-1128
Hexachlorobenzene	U	ug/kg	550	08-FEB-02 18:23	SVOA OLM 4.2	02-011-1128
Atrazine	U	ug/kg	550	08-FEB-02 18:23	SVOA OLM 4.2	02-011-1128
Pentachlorophenol	U	ug/kg	1400	08-FEB-02 18:23	SVOA OLM 4.2	02-011-1128
Phenanthrene	U	ug/kg	550	08-FEB-02 18:23	SVOA OLM 4.2	02-011-1128
Anthracene	U	ug/kg	550	08-FEB-02 18:23	SVOA OLM 4.2	02-011-1128
Carbazole	U	ug/kg	550	08-FEB-02 18:23	SVOA OLM 4.2	02-011-1128
Di-n-butyl phthalate	U	ug/kg	550	08-FEB-02 18:23	SVOA OLM 4.2	02-011-1128
Fluoranthene	U	ug/kg	550	08-FEB-02 18:23	SVOA OLM 4.2	02-011-1128
Pyrene	U	ug/kg	550	08-FEB-02 18:23	SVOA OLM 4.2	02-011-1128
Butylbenzyl phthalate	U	ug/kg	550	08-FEB-02 18:23	SVOA OLM 4.2	02-011-1128
Benzo(a)anthracene	U	ug/kg	550	08-FEB-02 18:23	SVOA OLM 4.2	02-011-1128
3,3-Dichlorobenzidine	U	ug/kg	550	08-FEB-02 18:23	SVOA OLM 4.2	02-011-1128
Chrysene	U	ug/kg	550	08-FEB-02 18:23	SVOA OLM 4.2	02-011-1128
Bis-2-ethylhexyl phthalate	120 JB U	ug/kg	550	08-FEB-02 18:23	SVOA OLM 4.2	02-011-1128

Results calculated on a dry weight basis.

Page 3 of 4

QC val

NY 10252

NJ 73168

PA 68180

EPA NY 00033

Approved by:


Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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"Our family, caring about your analytical needs . . . Since 1963."



ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 01-MAR-2002

Lab Sample ID: L83167-2

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TP-01-03-11'
Description: GRAB
Sampled On: 30-JAN-02 11:43 by CLIENT
Date Received: 31-JAN-02 14:30
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Di-n-octyl phthalate	U	ug/kg	550	08-FEB-02 18:23	SVOA OLM 4.2	02-011-1128
Benzo(b)fluoranthene	U	ug/kg	550	08-FEB-02 18:23	SVOA OLM 4.2	02-011-1128
Benzo(k)fluoranthene	U	ug/kg	550	08-FEB-02 18:23	SVOA OLM 4.2	02-011-1128
Benzo(a)pyrene	U	ug/kg	550	08-FEB-02 18:23	SVOA OLM 4.2	02-011-1128
Indeno(1,2,3-cd)pyrene	U	ug/kg	550	08-FEB-02 18:23	SVOA OLM 4.2	02-011-1128
Dibenzo(a,h)anthracene	U	ug/kg	550	08-FEB-02 18:23	SVOA OLM 4.2	02-011-1128
Benzo(g,h,i)perylene	U	ug/kg	550	08-FEB-02 18:23	SVOA OLM 4.2	02-011-1128

Extraction Information:

01-FEB-02 00:00

01-133-74

Library Search Compounds:	Result	Units	Qual	Retention Time

No library search compounds detected.

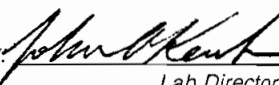
Surrogate Recovery:

2-Fluorophenol	34	%		02-011-1128
Phenol-d5	33	%		02-011-1128
2-Chlorophenol-d4	39	%		02-011-1128
2-Dichlorobenzene-d4	28	%		02-011-1128
1,2-Dibromobenzene-d5	31	%		02-011-1128
1-Fluorobiphenyl	31	%		02-011-1128
2,4,6-Tribromophenol	36	%		02-011-1128
Terphenyl-d14	35	%		02-011-1128

Analysis Comment: Results Calculated on a dry weight basis.

Results calculated on a dry weight basis.

QC car NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: 
Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 01-MAR-2002

Lab Sample ID: L83167-5

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TP-01-04-12
Description: GRAB
Sampled On: 30-JAN-02 14:10 by CLIENT
Date Received: 31-JAN-02 14:30
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	58.8	%		04-FEB-02 00:00	CLP 3.0	01-202-30
VOA OLM 4.2						
Chloromethane	U	ug/kg	1500	08-FEB-02 16:44	VOA OLM 4.2	02-024-1945
Dichlorodifluoromethane	U	ug/kg	1500	08-FEB-02 16:44	VOA OLM 4.2	02-024-1945
Bromomethane	790 J	ug/kg	1500	08-FEB-02 16:44	VOA OLM 4.2	02-024-1945
Vinyl chloride	U	ug/kg	1500	08-FEB-02 16:44	VOA OLM 4.2	02-024-1945
Chloroethane	U	ug/kg	1500	08-FEB-02 16:44	VOA OLM 4.2	02-024-1945
Trichlorofluoromethane	U	ug/kg	1500	08-FEB-02 16:44	VOA OLM 4.2	02-024-1945
Methylene chloride	810 JB U	ug/kg	1500	08-FEB-02 16:44	VOA OLM 4.2	02-024-1945
Acetone	U	ug/kg	1500	08-FEB-02 16:44	VOA OLM 4.2	02-024-1945
Carbon disulfide	U	ug/kg	1500	08-FEB-02 16:44	VOA OLM 4.2	02-024-1945
Methyl Acetate	U	ug/kg	1500	08-FEB-02 16:44	VOA OLM 4.2	02-024-1945
1,1-Dichloroethene	U	ug/kg	1500	08-FEB-02 16:44	VOA OLM 4.2	02-024-1945
trans-1,2-Dichloroethene	U	ug/kg	1500	08-FEB-02 16:44	VOA OLM 4.2	02-024-1945
MTBE(Methyl tert-butyl ether)	U	ug/kg	1500	08-FEB-02 16:44	VOA OLM 4.2	02-024-1945
1,1-Dichloroethane	U	ug/kg	1500	08-FEB-02 16:44	VOA OLM 4.2	02-024-1945
1,1,2-Trichloro-1,2,2-trifluoroethane	U	ug/kg	1500	08-FEB-02 16:44	VOA OLM 4.2	02-024-1945
cis-1,2-Dichloroethene	U	ug/kg	1500	08-FEB-02 16:44	VOA OLM 4.2	02-024-1945
2-Butanone	U	ug/kg	1500	08-FEB-02 16:44	VOA OLM 4.2	02-024-1945
Chloroform	U	ug/kg	1500	08-FEB-02 16:44	VOA OLM 4.2	02-024-1945
1,1,1-Trichloroethane	U	ug/kg	1500	08-FEB-02 16:44	VOA OLM 4.2	02-024-1945
Cyclohexane	U	ug/kg	1500	08-FEB-02 16:44	VOA OLM 4.2	02-024-1945
Carbon tetrachloride	U	ug/kg	1500	08-FEB-02 16:44	VOA OLM 4.2	02-024-1945
Benzene	U	ug/kg	1500	08-FEB-02 16:44	VOA OLM 4.2	02-024-1945
1,2-Dichloroethane	U	ug/kg	1500	08-FEB-02 16:44	VOA OLM 4.2	02-024-1945
Trichloroethene	U	ug/kg	1500	08-FEB-02 16:44	VOA OLM 4.2	02-024-1945
Methylcyclohexane	U	ug/kg	1500	08-FEB-02 16:44	VOA OLM 4.2	02-024-1945
1,2-Dichloropropane	U	ug/kg	1500	08-FEB-02 16:44	VOA OLM 4.2	02-024-1945
Bromodichloromethane	U	ug/kg	1500	08-FEB-02 16:44	VOA OLM 4.2	02-024-1945
cis-1,3-Dichloropropene	U	ug/kg	1500	08-FEB-02 16:44	VOA OLM 4.2	02-024-1945
MIBK(4-Methyl-2-pentanone)	U	ug/kg	1500	08-FEB-02 16:44	VOA OLM 4.2	02-024-1945
Toluene	U	ug/kg	1500	08-FEB-02 16:44	VOA OLM 4.2	02-024-1945
trans-1,3-Dichloropropene	U	ug/kg	1500	08-FEB-02 16:44	VOA OLM 4.2	02-024-1945
1,1,2-Trichloroethane	U	ug/kg	1500	08-FEB-02 16:44	VOA OLM 4.2	02-024-1945
Tetrachloroethene	U	ug/kg	1500	08-FEB-02 16:44	VOA OLM 4.2	02-024-1945
2-Hexanone	U	ug/kg	1500	08-FEB-02 16:44	VOA OLM 4.2	02-024-1945
Dibromochloromethane	U	ug/kg	1500	08-FEB-02 16:44	VOA OLM 4.2	02-024-1945
1,2-Dibromoethane	U	ug/kg	1500	08-FEB-02 16:44	VOA OLM 4.2	02-024-1945
Chlorobenzene	U	ug/kg	1500	08-FEB-02 16:44	VOA OLM 4.2	02-024-1945
Ethylbenzene	U	ug/kg	1500	08-FEB-02 16:44	VOA OLM 4.2	02-024-1945
Results calculated on a dry weight basis.						

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 01-MAR-2002

Lab Sample ID: L83167-5

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TP-01-04-12
Description: GRAB
Sampled On: 30-JAN-02 14:10 by CLIENT
Date Received: 31-JAN-02 14:30
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
p-Xylene/m-Xylene	U	ug/kg	1500	08-FEB-02 16:44	VOA OLM 4.2	02-024-1945
o-Xylene	U	ug/kg	1500	08-FEB-02 16:44	VOA OLM 4.2	02-024-1945
Styrene	U	ug/kg	1500	08-FEB-02 16:44	VOA OLM 4.2	02-024-1945
Bromoform	U	ug/kg	1500	08-FEB-02 16:44	VOA OLM 4.2	02-024-1945
Isopropylbenzene	U	ug/kg	1500	08-FEB-02 16:44	VOA OLM 4.2	02-024-1945
1,1,2,2-Tetrachloroethane	U	ug/kg	1500	08-FEB-02 16:44	VOA OLM 4.2	02-024-1945
1,3-Dichlorobenzene	U	ug/kg	1500	08-FEB-02 16:44	VOA OLM 4.2	02-024-1945
1,4-Dichlorobenzene	U	ug/kg	1500	08-FEB-02 16:44	VOA OLM 4.2	02-024-1945
1,2-Dichlorobenzene	U	ug/kg	1500	08-FEB-02 16:44	VOA OLM 4.2	02-024-1945
1,2-Dibromo-3-chloropropane	U	ug/kg	1500	08-FEB-02 16:44	VOA OLM 4.2	02-024-1945
1,2,4-Trichlorobenzene	U	ug/kg	1500	08-FEB-02 16:44	VOA OLM 4.2	02-024-1945

Library Search Compounds:	Result	Units	Qual	Retention Time
Unknown	16000	ug/kg	J	19.92
Unknown	17000	ug/kg	J	20.02
Unknown	25000	ug/kg	J	22.65
1-ethyl-2,4-dimethylBenzene	17000	ug/kg	NJ	23.11
1,2,3,5-tetramethylBenzene	20000	ug/kg	NJ	23.58
Unknown	16000	ug/kg	J	23.69
Unknown	16000	ug/kg	J	24.25
1-ethyl-4-(1-methylethyl)Benzene	21000	ug/kg	NJ	24.59
Unknown PAH	18000	ug/kg	J	24.77

Library Search Comment: 9 library search compounds detected.

Surrogate Recovery:

1,2-Dichloroethane-d4	100	%	02-024-1945
Toluene-d8	89	%	02-024-1945
4-Bromofluorobenzene	127 *	%	02-024-1945

Analysis Comment: Results Calculated on a dry weight basis. *Surrogate recovery above acceptance limits.

Results calculated on a dry weight basis.

QC ear

NY 10252

NJ 73168

PA 68180

EPA NY 00033

Approved by:

Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
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Date: 01-MAR-2002

Lab Sample ID: L83167-5

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TP-01-04-12
Description: GRAB
Sampled On: 30-JAN-02 14:10 by CLIENT
Date Received: 31-JAN-02 14:30
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
SVOA OLM 4.2						
Bis(2-chloroethylether)	U	ug/kg	570	11-FEB-02 14:00	SVOA OLM 4.2	02-011-1141
Benzaldehyde	U	ug/kg	570	11-FEB-02 14:00	SVOA OLM 4.2	02-011-1141
Phenol	U	ug/kg	570	11-FEB-02 14:00	SVOA OLM 4.2	02-011-1141
2-Chlorophenol	U	ug/kg	570	11-FEB-02 14:00	SVOA OLM 4.2	02-011-1141
2-Methylphenol	U	ug/kg	570	11-FEB-02 14:00	SVOA OLM 4.2	02-011-1141
2,2'Oxybis(1-Chloropropane)	U	ug/kg	570	11-FEB-02 14:00	SVOA OLM 4.2	02-011-1141
Hexachloroethane	U	ug/kg	570	11-FEB-02 14:00	SVOA OLM 4.2	02-011-1141
N-Nitrosodi-N-propylamine	U	ug/kg	570	11-FEB-02 14:00	SVOA OLM 4.2	02-011-1141
Acetophenone	U	ug/kg	570	11-FEB-02 14:00	SVOA OLM 4.2	02-011-1141
4-Methylphenol	U	ug/kg	570	11-FEB-02 14:00	SVOA OLM 4.2	02-011-1141
Nitrobenzene	U	ug/kg	570	11-FEB-02 14:00	SVOA OLM 4.2	02-011-1141
Isophorone	U	ug/kg	570	11-FEB-02 14:00	SVOA OLM 4.2	02-011-1141
2-Nitrophenol	U	ug/kg	570	11-FEB-02 14:00	SVOA OLM 4.2	02-011-1141
2,4-Dimethylphenol	U	ug/kg	570	11-FEB-02 14:00	SVOA OLM 4.2	02-011-1141
Bis(2-chloroethoxymethane)	U	ug/kg	570	11-FEB-02 14:00	SVOA OLM 4.2	02-011-1141
2,4-Dichlorophenol	U	ug/kg	570	11-FEB-02 14:00	SVOA OLM 4.2	02-011-1141
Naphthalene	U	ug/kg	570	11-FEB-02 14:00	SVOA OLM 4.2	02-011-1141
4-Chloroaniline	U	ug/kg	570	11-FEB-02 14:00	SVOA OLM 4.2	02-011-1141
Hexachlorobutadiene	U	ug/kg	570	11-FEB-02 14:00	SVOA OLM 4.2	02-011-1141
prolactam	U	ug/kg	570	11-FEB-02 14:00	SVOA OLM 4.2	02-011-1141
Chloro-3-methylphenol	U	ug/kg	570	11-FEB-02 14:00	SVOA OLM 4.2	02-011-1141
2-Methylnaphthalene	58 J	ug/kg	570	11-FEB-02 14:00	SVOA OLM 4.2	02-011-1141
Hexachlorocyclopentadiene	U	ug/kg	570	11-FEB-02 14:00	SVOA OLM 4.2	02-011-1141
2,4,6-Trichlorophenol	U	ug/kg	570	11-FEB-02 14:00	SVOA OLM 4.2	02-011-1141
2,4,5-Trichlorophenol	U	ug/kg	1400	11-FEB-02 14:00	SVOA OLM 4.2	02-011-1141
2-Chloronaphthalene	U	ug/kg	570	11-FEB-02 14:00	SVOA OLM 4.2	02-011-1141
1,1'-Biphenyl	U	ug/kg	570	11-FEB-02 14:00	SVOA OLM 4.2	02-011-1141
2-Nitroaniline	U	ug/kg	1400	11-FEB-02 14:00	SVOA OLM 4.2	02-011-1141
Dimethyl phthalate	U	ug/kg	570	11-FEB-02 14:00	SVOA OLM 4.2	02-011-1141
Acenaphthylene	U	ug/kg	570	11-FEB-02 14:00	SVOA OLM 4.2	02-011-1141
2,6-Dinitrotoluene	U	ug/kg	570	11-FEB-02 14:00	SVOA OLM 4.2	02-011-1141
3-Nitroaniline	U	ug/kg	1400	11-FEB-02 14:00	SVOA OLM 4.2	02-011-1141
Acenaphthene	U	ug/kg	570	11-FEB-02 14:00	SVOA OLM 4.2	02-011-1141
2,4-Dinitrophenol	U	ug/kg	1400	11-FEB-02 14:00	SVOA OLM 4.2	02-011-1141
Dibenzofuran	U	ug/kg	570	11-FEB-02 14:00	SVOA OLM 4.2	02-011-1141
2,4-Dinitrotoluene	U	ug/kg	570	11-FEB-02 14:00	SVOA OLM 4.2	02-011-1141
4-Nitrophenol	U	ug/kg	1400	11-FEB-02 14:00	SVOA OLM 4.2	02-011-1141
Diethyl phthalate	U	ug/kg	570	11-FEB-02 14:00	SVOA OLM 4.2	02-011-1141
Fluorene	U	ug/kg	570	11-FEB-02 14:00	SVOA OLM 4.2	02-011-1141
4-Chlorophenylphenylether	U	ug/kg	570	11-FEB-02 14:00	SVOA OLM 4.2	02-011-1141
4-Nitroaniline	U	ug/kg	1400	11-FEB-02 14:00	SVOA OLM 4.2	02-011-1141

Results calculated on a dry weight basis.

Page 3 of 5

QC *eak*

NY 10252

NJ 73168

PA 68180

EPA NY 00033

Approved by: *John M. Kent*

Lab Director

ND or U = None Detected

< = less than

ug/L

= micrograms per liter (equivalent to parts per billion)

mg/L = milligrams per liter (equivalent to parts per million)

mg/kg

= milligrams per kilogram (equivalent to parts per million)

B = analyte was detected in the method or trip blank

J

= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 01-MAR-2002

Lab Sample ID: L83167-5

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TP-01-04-12
Description: GRAB
Sampled On: 30-JAN-02 14:10 by CLIENT
Date Received: 31-JAN-02 14:30
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
2-Methyl-4,6-dinitrophenol	U	ug/kg	1400	11-FEB-02 14:00	SVOA OLM 4.2	02-011-1141
N-Nitrosodiphenylamine	U	ug/kg	570	11-FEB-02 14:00	SVOA OLM 4.2	02-011-1141
4-Bromophenylphenylether	U	ug/kg	570	11-FEB-02 14:00	SVOA OLM 4.2	02-011-1141
Hexachlorobenzene	U	ug/kg	570	11-FEB-02 14:00	SVOA OLM 4.2	02-011-1141
Atrazine	U	ug/kg	570	11-FEB-02 14:00	SVOA OLM 4.2	02-011-1141
Pentachlorophenol	U	ug/kg	1400	11-FEB-02 14:00	SVOA OLM 4.2	02-011-1141
Phenanthrene	U	ug/kg	570	11-FEB-02 14:00	SVOA OLM 4.2	02-011-1141
Anthracene	U	ug/kg	570	11-FEB-02 14:00	SVOA OLM 4.2	02-011-1141
Carbazole	U	ug/kg	570	11-FEB-02 14:00	SVOA OLM 4.2	02-011-1141
Di-n-butyl phthalate	U	ug/kg	570	11-FEB-02 14:00	SVOA OLM 4.2	02-011-1141
Fluoranthene	U	ug/kg	570	11-FEB-02 14:00	SVOA OLM 4.2	02-011-1141
Pyrene	U	ug/kg	570	11-FEB-02 14:00	SVOA OLM 4.2	02-011-1141
Butylbenzyl phthalate	U	ug/kg	570	11-FEB-02 14:00	SVOA OLM 4.2	02-011-1141
Benzo(a)anthracene	U	ug/kg	570	11-FEB-02 14:00	SVOA OLM 4.2	02-011-1141
3,3-Dichlorobenzidine	U	ug/kg	570	11-FEB-02 14:00	SVOA OLM 4.2	02-011-1141
Chrysene	U	ug/kg	570	11-FEB-02 14:00	SVOA OLM 4.2	02-011-1141
Bis-2-ethylhexyl phthalate	U	ug/kg	570	11-FEB-02 14:00	SVOA OLM 4.2	02-011-1141
Di-n-octyl phthalate	U	ug/kg	570	11-FEB-02 14:00	SVOA OLM 4.2	02-011-1141
Benzo(b)fluoranthene	U	ug/kg	570	11-FEB-02 14:00	SVOA OLM 4.2	02-011-1141
Benzo(k)fluoranthene	U	ug/kg	570	11-FEB-02 14:00	SVOA OLM 4.2	02-011-1141
Benzo(a)pyrene	U	ug/kg	570	11-FEB-02 14:00	SVOA OLM 4.2	02-011-1141
beno(1,2,3-cd)pyrene	U	ug/kg	570	11-FEB-02 14:00	SVOA OLM 4.2	02-011-1141
benzo(a,h)anthracene	U	ug/kg	570	11-FEB-02 14:00	SVOA OLM 4.2	02-011-1141
Benzo(g,h,i)perylene	U	ug/kg	570	11-FEB-02 14:00	SVOA OLM 4.2	02-011-1141

Extraction Information:

01-FEB-02 00:00

01-133-74

Library Search Compounds:	Result	Units	Qual	Retention Time
1,2-diethylBenzene	720	ug/kg	NJ	10.39
Unknown	1600	ug/kg	J	10.58
4-ethyl-1,2-dimethylBenzene	1800	ug/kg	NJ	11.28
1,2,4,5-tetramethylBenzene	1600	ug/kg	NJ	11.99
Unknown	860	ug/kg	J	12.08

Results calculated on a dry weight basis.

QC var NY 10252 NJ 73168 PA 68180 EPA NY 00033
Page 4 of 5

Approved by: John P. Kent
Lab Director

ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
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WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 01-MAR-2002

Lab Sample ID: L83167-5

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TP-01-04-12'
Description: GRAB
Sampled On: 30-JAN-02 14:10 by CLIENT
Date Received: 31-JAN-02 14:30
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Library Search Compounds:	Result	Units	Qual	Retention Time		
Unknown	730	ug/kg	J	12.22		
Unknown	500	ug/kg	J	12.44		
1,3-diethyl-5-methylBenzene	480	ug/kg	NJ	12.56		
2,3-Dihydro-1-methylindene	890	ug/kg	NJ	12.69		
Unknown	1100	ug/kg	J	12.81		
Unknown	1400	ug/kg	J	12.94		
Unknown	1000	ug/kg	J	13.05		
Unknown	690	ug/kg	J	13.27		
2,3-dihydro-1,6-dimethyl-1H-Indene	880	ug/kg	NJ	13.55		
(2-methyl-1-butenyl)Benzene	500	ug/kg	NJ	13.61		
2,3-dihydro-1,3-dimethyl-1H-Indene	1400	ug/kg	NJ	13.71		
Unknown	490	ug/kg	J	14.44		
2,3-dihydro-4,7-dimethyl-1H-Indene	500	ug/kg	NJ	14.77		
Unknown	550	ug/kg	J	15.33		

Library Search Comment: 19 library search compounds detected.

Surrogate Recovery:

2-Fluorophenol	35	%	02-011-1141
enol-d5	32	%	02-011-1141
Chlorophenol-d4	37	%	02-011-1141
1,2-Dichlorobenzene-d4	27	%	02-011-1141
Nitrobenzene-d5	33	%	02-011-1141
2-Fluorobiphenyl	32	%	02-011-1141
2,4,6-Tribromophenol	35	%	02-011-1141
Terphenyl-d14	34	%	02-011-1141

Analysis Comment: Results Calculated on a dry weight basis.

Results calculated on a dry weight basis.

QC ear NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: John A. Kent
Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 01-MAR-2002

Lab Sample ID: L83167-11

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TP-01-5-8'
Description: GRAB
Sampled On: 31-JAN-02 08:30 by CLIENT
Date Received: 02-FEB-02 15:20
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	85.8	%		04-FEB-02 00:00	CLP 3.0	01-202-30
VOA OLM 4.2						
Chloromethane	U	ug/kg	10	06-FEB-02 16:51	VOA OLM 4.2	02-024-1896
Dichlorodifluoromethane	U	ug/kg	10	06-FEB-02 16:51	VOA OLM 4.2	02-024-1896
Bromomethane	U	ug/kg	10	06-FEB-02 16:51	VOA OLM 4.2	02-024-1896
Vinyl chloride	U	ug/kg	10	06-FEB-02 16:51	VOA OLM 4.2	02-024-1896
Chloroethane	U	ug/kg	10	06-FEB-02 16:51	VOA OLM 4.2	02-024-1896
Trichlorofluoromethane	U	ug/kg	10	06-FEB-02 16:51	VOA OLM 4.2	02-024-1896
Methylene chloride	U	ug/kg	10	06-FEB-02 16:51	VOA OLM 4.2	02-024-1896
Acetone	U	ug/kg	10	06-FEB-02 16:51	VOA OLM 4.2	02-024-1896
Carbon disulfide	U	ug/kg	10	06-FEB-02 16:51	VOA OLM 4.2	02-024-1896
Methyl Acetate	U	ug/kg	10	06-FEB-02 16:51	VOA OLM 4.2	02-024-1896
1,1-Dichloroethene	U	ug/kg	10	06-FEB-02 16:51	VOA OLM 4.2	02-024-1896
trans-1,2-Dichloroethene	U	ug/kg	10	06-FEB-02 16:51	VOA OLM 4.2	02-024-1896
MTBE(Methyl tert-butyl ether)	U	ug/kg	10	06-FEB-02 16:51	VOA OLM 4.2	02-024-1896
1,1-Dichloroethane	U	ug/kg	10	06-FEB-02 16:51	VOA OLM 4.2	02-024-1896
1,1,2-Trichloro-1,2,2-trifluoroethane	U	ug/kg	10	06-FEB-02 16:51	VOA OLM 4.2	02-024-1896
cis-1,2-Dichloroethene	U	ug/kg	10	06-FEB-02 16:51	VOA OLM 4.2	02-024-1896
K(2-Butanone)	U	ug/kg	10	06-FEB-02 16:51	VOA OLM 4.2	02-024-1896
Chloroform	U	ug/kg	10	06-FEB-02 16:51	VOA OLM 4.2	02-024-1896
1,1,1-Trichloroethane	U	ug/kg	10	06-FEB-02 16:51	VOA OLM 4.2	02-024-1896
Cyclohexane	U	ug/kg	10	06-FEB-02 16:51	VOA OLM 4.2	02-024-1896
Carbon tetrachloride	U	ug/kg	10	06-FEB-02 16:51	VOA OLM 4.2	02-024-1896
Benzene	U	ug/kg	10	06-FEB-02 16:51	VOA OLM 4.2	02-024-1896
1,2-Dichloroethane	U	ug/kg	10	06-FEB-02 16:51	VOA OLM 4.2	02-024-1896
Trichloroethene	U	ug/kg	10	06-FEB-02 16:51	VOA OLM 4.2	02-024-1896
Methylcyclohexane	U	ug/kg	10	06-FEB-02 16:51	VOA OLM 4.2	02-024-1896
1,2-Dichloropropane	U	ug/kg	10	06-FEB-02 16:51	VOA OLM 4.2	02-024-1896
Bromodichloromethane	U	ug/kg	10	06-FEB-02 16:51	VOA OLM 4.2	02-024-1896
cis-1,3-Dichloropropene	U	ug/kg	10	06-FEB-02 16:51	VOA OLM 4.2	02-024-1896
MIBK(4-Methyl-2-pentanone)	U	ug/kg	10	06-FEB-02 16:51	VOA OLM 4.2	02-024-1896
Toluene	U	ug/kg	10	06-FEB-02 16:51	VOA OLM 4.2	02-024-1896
trans-1,3-Dichloropropene	U	ug/kg	10	06-FEB-02 16:51	VOA OLM 4.2	02-024-1896
1,1,2-Trichloroethane	U	ug/kg	10	06-FEB-02 16:51	VOA OLM 4.2	02-024-1896
Tetrachloroethene	U	ug/kg	10	06-FEB-02 16:51	VOA OLM 4.2	02-024-1896
2-Hexanone	U	ug/kg	10	06-FEB-02 16:51	VOA OLM 4.2	02-024-1896
Dibromochloromethane	U	ug/kg	10	06-FEB-02 16:51	VOA OLM 4.2	02-024-1896
1,2-Dibromoethane	U	ug/kg	10	06-FEB-02 16:51	VOA OLM 4.2	02-024-1896
Chlorobenzene	U	ug/kg	10	06-FEB-02 16:51	VOA OLM 4.2	02-024-1896
Ethylbenzene	U	ug/kg	10	06-FEB-02 16:51	VOA OLM 4.2	02-024-1896

Results calculated on a dry weight basis.

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 01-MAR-2002

Lab Sample ID: L83167-11

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TP-01-5-8/
Description: GRAB
Sampled On: 31-JAN-02 08:30 by CLIENT
Date Received: 02-FEB-02 15:20
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
p-Xylene/m-Xylene	U	ug/kg	10	06-FEB-02 16:51	VOA OLM 4.2	02-024-1896
o-Xylene	U	ug/kg	10	06-FEB-02 16:51	VOA OLM 4.2	02-024-1896
Styrene	U	ug/kg	10	06-FEB-02 16:51	VOA OLM 4.2	02-024-1896
Bromoform	U	ug/kg	10	06-FEB-02 16:51	VOA OLM 4.2	02-024-1896
Isopropylbenzene	U	ug/kg	10	06-FEB-02 16:51	VOA OLM 4.2	02-024-1896
1,1,2,2-Tetrachloroethane	U	ug/kg	10	06-FEB-02 16:51	VOA OLM 4.2	02-024-1896
1,3-Dichlorobenzene	U	ug/kg	10	06-FEB-02 16:51	VOA OLM 4.2	02-024-1896
1,4-Dichlorobenzene	U	ug/kg	10	06-FEB-02 16:51	VOA OLM 4.2	02-024-1896
1,2-Dichlorobenzene	U	ug/kg	10	06-FEB-02 16:51	VOA OLM 4.2	02-024-1896
1,2-Dibromo-3-chloropropane	U	ug/kg	10	06-FEB-02 16:51	VOA OLM 4.2	02-024-1896
1,2,4-Trichlorobenzene	U	ug/kg	10	06-FEB-02 16:51	VOA OLM 4.2	02-024-1896

Library Search Compounds:	Result	Units	Qual	Retention Time

No library search compounds detected.

Surrogate Recovery:

1,2-Dichloroethane-d4	95	%	02-024-1896
Toluene-d8	109	%	02-024-1896
Bromofluorobenzene	84	%	02-024-1896

Analysis Comment: Results Calculated on a dry weight basis.

SVOA OLM 4.2

Bis(2-chloroethylether)	U	ug/kg	1500	12-FEB-02 19:37	SVOA OLM 4.2	02-011-1158
Benzaldehyde	U	ug/kg	1500	12-FEB-02 19:37	SVOA OLM 4.2	02-011-1158
Phenol	U	ug/kg	1500	12-FEB-02 19:37	SVOA OLM 4.2	02-011-1158
2-Chlorophenol	U	ug/kg	1500	12-FEB-02 19:37	SVOA OLM 4.2	02-011-1158
2-Methylphenol	U	ug/kg	1500	12-FEB-02 19:37	SVOA OLM 4.2	02-011-1158
2,2'Oxybis(1-Chloropropane)	U	ug/kg	1500	12-FEB-02 19:37	SVOA OLM 4.2	02-011-1158
Hexachloroethane	U	ug/kg	1500	12-FEB-02 19:37	SVOA OLM 4.2	02-011-1158
N-Nitrosodi-N-propylamine	U	ug/kg	1500	12-FEB-02 19:37	SVOA OLM 4.2	02-011-1158
Acetophenone	U	ug/kg	1500	12-FEB-02 19:37	SVOA OLM 4.2	02-011-1158
4-Methylphenol	U	ug/kg	1500	12-FEB-02 19:37	SVOA OLM 4.2	02-011-1158
Nitrobenzene	U	ug/kg	1500	12-FEB-02 19:37	SVOA OLM 4.2	02-011-1158
Isophorone	U	ug/kg	1500	12-FEB-02 19:37	SVOA OLM 4.2	02-011-1158
2-Nitrophenol	U	ug/kg	1500	12-FEB-02 19:37	SVOA OLM 4.2	02-011-1158
2,4-Dimethylphenol	U	ug/kg	1500	12-FEB-02 19:37	SVOA OLM 4.2	02-011-1158
Bis(2-chloroethoxymethane)	U	ug/kg	1500	12-FEB-02 19:37	SVOA OLM 4.2	02-011-1158
2,4-Dichlorophenol	U	ug/kg	1500	12-FEB-02 19:37	SVOA OLM 4.2	02-011-1158
Naphthalene	1300 J J	ug/kg	1500	12-FEB-02 19:37	SVOA OLM 4.2	02-011-1158

Results calculated on a dry weight basis.

QC *ear*

NY 10252

NJ 73168

PA 68180

Page 2 of 5
EPA NY 00033

Approved by:

John P. Kent
Lab Director

K	ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
	mg/L	= milligrams per liter (equivalent to parts per million)	mg/kg	= milligrams per kilogram (equivalent to parts per million)	
	B	= analyte was detected in the method or trip blank	J	= result estimated below the quantitation limit	

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 01-MAR-2002

Lab Sample ID: L83167-11

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

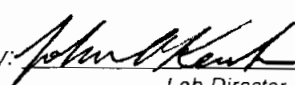
Sample Source: RICHMOND AVENUE
Origin: TP-01-5-8'
Description: GRAB
Sampled On: 31-JAN-02 08:30 by CLIENT
Date Received: 02-FEB-02 15:20
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
4-Chloroaniline	U	ug/kg	1500	12-FEB-02 19:37	SVOA OLM 4.2	02-011-1158
Hexachlorobutadiene	U	ug/kg	1500	12-FEB-02 19:37	SVOA OLM 4.2	02-011-1158
Caprolactam	U	ug/kg	1500	12-FEB-02 19:37	SVOA OLM 4.2	02-011-1158
4-Chloro-3-methylphenol	U	ug/kg	1500	12-FEB-02 19:37	SVOA OLM 4.2	02-011-1158
2-Methylnaphthalene	1200 J J	ug/kg	1500	12-FEB-02 19:37	SVOA OLM 4.2	02-011-1158
Hexachlorocyclopentadiene	U	ug/kg	1500	12-FEB-02 19:37	SVOA OLM 4.2	02-011-1158
2,4,6-Trichlorophenol	U	ug/kg	1500	12-FEB-02 19:37	SVOA OLM 4.2	02-011-1158
2,4,5-Trichlorophenol	U	ug/kg	3900	12-FEB-02 19:37	SVOA OLM 4.2	02-011-1158
2-Chloronaphthalene	U	ug/kg	1500	12-FEB-02 19:37	SVOA OLM 4.2	02-011-1158
1,1'-Biphenyl	380 J J	ug/kg	1500	12-FEB-02 19:37	SVOA OLM 4.2	02-011-1158
2-Nitroaniline	U	ug/kg	3900	12-FEB-02 19:37	SVOA OLM 4.2	02-011-1158
Dimethyl phthalate	U	ug/kg	1500	12-FEB-02 19:37	SVOA OLM 4.2	02-011-1158
Acenaphthylene	U	ug/kg	1500	12-FEB-02 19:37	SVOA OLM 4.2	02-011-1158
2,6-Dinitrotoluene	U	ug/kg	1500	12-FEB-02 19:37	SVOA OLM 4.2	02-011-1158
3-Nitroaniline	U	ug/kg	3900	12-FEB-02 19:37	SVOA OLM 4.2	02-011-1158
Acenaphthene	1400 J J	ug/kg	1500	12-FEB-02 19:37	SVOA OLM 4.2	02-011-1158
2,4-Dinitrophenol	U	ug/kg	3900	12-FEB-02 19:37	SVOA OLM 4.2	02-011-1158
Dibenzofuran	2000 J	ug/kg	1500	12-FEB-02 19:37	SVOA OLM 4.2	02-011-1158
2,4-Dinitrotoluene	U	ug/kg	1500	12-FEB-02 19:37	SVOA OLM 4.2	02-011-1158
4-Nitrophenol	U	ug/kg	3900	12-FEB-02 19:37	SVOA OLM 4.2	02-011-1158
Diethyl phthalate	U	ug/kg	1500	12-FEB-02 19:37	SVOA OLM 4.2	02-011-1158
urene	2400 J	ug/kg	1500	12-FEB-02 19:37	SVOA OLM 4.2	02-011-1158
Chlorophenylphenylether	U	ug/kg	1500	12-FEB-02 19:37	SVOA OLM 4.2	02-011-1158
4-Nitroaniline	U	ug/kg	3900	12-FEB-02 19:37	SVOA OLM 4.2	02-011-1158
2-Methyl-4,6-dinitrophenol	U	ug/kg	3900	12-FEB-02 19:37	SVOA OLM 4.2	02-011-1158
N-Nitrosodiphenylamine	U	ug/kg	1500	12-FEB-02 19:37	SVOA OLM 4.2	02-011-1158
4-Bromophenylphenylether	U	ug/kg	1500	12-FEB-02 19:37	SVOA OLM 4.2	02-011-1158
Hexachlorobenzene	U	ug/kg	1500	12-FEB-02 19:37	SVOA OLM 4.2	02-011-1158
Atrazine	U	ug/kg	1500	12-FEB-02 19:37	SVOA OLM 4.2	02-011-1158
Pentachlorophenol	U	ug/kg	3900	12-FEB-02 19:37	SVOA OLM 4.2	02-011-1158
Phenanthrene	7100	ug/kg	1500	12-FEB-02 19:37	SVOA OLM 4.2	02-011-1158
Anthracene	2200	ug/kg	1500	12-FEB-02 19:37	SVOA OLM 4.2	02-011-1158
Carbazole	930 J	ug/kg	1500	12-FEB-02 19:37	SVOA OLM 4.2	02-011-1158
Di-n-butyl phthalate	U	ug/kg	1500	12-FEB-02 19:37	SVOA OLM 4.2	02-011-1158
Fluoranthene	4900	ug/kg	1500	12-FEB-02 19:37	SVOA OLM 4.2	02-011-1158
Pyrene	760 J	ug/kg	1500	12-FEB-02 19:37	SVOA OLM 4.2	02-011-1158
Butylbenzyl phthalate	U	ug/kg	1500	12-FEB-02 19:37	SVOA OLM 4.2	02-011-1158
Benzo(a)anthracene	2700	ug/kg	1500	12-FEB-02 19:37	SVOA OLM 4.2	02-011-1158
3,3-Dichlorobenzidine	U	ug/kg	1500	12-FEB-02 19:37	SVOA OLM 4.2	02-011-1158
Chrysene	1800	ug/kg	1500	12-FEB-02 19:37	SVOA OLM 4.2	02-011-1158
Bis-2-ethylhexyl phthalate	U	ug/kg	1500	12-FEB-02 19:37	SVOA OLM 4.2	02-011-1158
Di-n-octyl phthalate	U	ug/kg	1500	12-FEB-02 19:37	SVOA OLM 4.2	02-011-1158
Benzo(b)fluoranthene	1700 J	ug/kg	1500	12-FEB-02 19:37	SVOA OLM 4.2	02-011-1158

Results calculated on a dry weight basis.

Page 3 of 5

QC car NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: 
Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 01-MAR-2002

Lab Sample ID: L83167-11

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

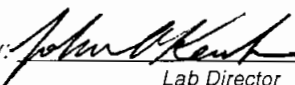
Sample Source: RICHMOND AVENUE
Origin: TP-01-5-8'
Description: GRAB
Sampled On: 31-JAN-02 08:30 by CLIENT
Date Received: 02-FEB-02 15:20
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Benzo(k)fluoranthene	990 J J	ug/kg	1500	12-FEB-02 19:37	SVOA OLM 4.2	02-011-1158
Benzo(a)pyrene	U	ug/kg	1500	12-FEB-02 19:37	SVOA OLM 4.2	02-011-1158
Indeno(1,2,3-cd)pyrene	U	ug/kg	1500	12-FEB-02 19:37	SVOA OLM 4.2	02-011-1158
Dibenzo(a,h)anthracene	280 J J	ug/kg	1500	12-FEB-02 19:37	SVOA OLM 4.2	02-011-1158
Benzo(g,h,i)perylene	U	ug/kg	1500	12-FEB-02 19:37	SVOA OLM 4.2	02-011-1158
Extraction Information:				04-FEB-02 00:00		01-133-75

Library Search Compounds:	Result	Units	Qual	Retention Time
1-methylNaphthalene	810	ug/kg	NJ	15.89
2,3-dimethylNaphthalene	540	ug/kg	NJ	17.57
1,3-dimethylNaphthalene	600	ug/kg	NJ	17.8
1,7-dimethylNaphthalene	450	ug/kg	NJ	17.87
4-methylDibenzofuran	760	ug/kg	NJ	21.06
1-methyl-9H-Fluorene	460	ug/kg	NJ	22.24
Unknown	430	ug/kg	J	22.32
Unknown	450	ug/kg	J	22.7
1-Fluoren-9-one	970	ug/kg	NJ	22.85
Unknown	600	ug/kg	J	23.03
Benzo[f]quinoline	470	ug/kg	NJ	24.08
4-methylPhenanthrene	1300	ug/kg	NJ	24.98
Unknown PAH	1600	ug/kg	J	25.06
2-methylAnthracene	1300	ug/kg	NJ	25.19
Unknown PAH	1500	ug/kg	J	25.26
Unknown PAH	820	ug/kg	J	25.37
4-methylcarbazole	350	ug/kg	NJ	25.7
2-PhenylNaphthalene	1000	ug/kg	NJ	25.98
9,10-Anthracenedione	930	ug/kg	NJ	26.04
Unknown	650	ug/kg	J	26.95
Unknown	450	ug/kg	J	27.35
Benzo[b]naphtho[2,3-d]furan	1000	ug/kg	NJ	27.83
Unknown	370	ug/kg	J	28.25
1-methylPyrene	1100	ug/kg	NJ	28.91

Results calculated on a dry weight basis.

QC eat NY 10252 NJ 73168 PA 68180 EPA NY 00033
Page 4 of 5

Approved by: 
Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
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WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 01-MAR-2002

Lab Sample ID: L83167-11

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TP-01-5-8'
Description: GRAB
Sampled On: 31-JAN-02 08:30 by CLIENT
Date Received: 02-FEB-02 15:20
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Library Search Compounds:	Result	Units	Qual	Retention Time		
11H-Benzo[a]fluorene	490	ug/kg	NJ	29.11		
Unknown	470	ug/kg	J	29.26		
7H-Benz[de]anthracen-7-one	490	ug/kg	NJ	30.5		
Unknown	390	ug/kg	J	31.03		
Unknown	490	ug/kg	J	31.18		
2-methylTriphenylene	440	ug/kg	NJ	32.84		

Library Search Comment: 30 library search compounds detected.

Surrogate Recovery:						
2-Fluorophenol	58	%				02-011-1158
Phenol-d5	59	%				02-011-1158
2-Chlorophenol-d4	66	%				02-011-1158
1,2-Dichlorobenzene-d4	15	%				02-011-1158
Nitrobenzene-d5	58	%				02-011-1158
2-Fluorobiphenyl	61	%				02-011-1158
2,4,6-Tribromophenol	42	%				02-011-1158
Terphenyl-d14	77	%				02-011-1158

Analysis Comment: Results Calculated on a dry weight basis.

Results calculated on a dry weight basis.

QC ear NY 10252 NJ 73168 PA 68180 Page 5 of 5
EPA NY 00033

Approved by: John P. Kent
Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)	mg/kg		= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank	J		= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 01-MAR-2002

Lab Sample ID: L83167-8

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TP-01-6-4
Description: GRAB
Sampled On: 31-JAN-02 09:10 by CLIENT
Date Received: 02-FEB-02 15:20
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	87.4	%		04-FEB-02 00:00	CLP 3.0	01-202-30
VOA OLM 4.2						
Chloromethane	U	ug/kg	10	07-FEB-02 20:51	VOA OLM 4.2	02-024-1922
Dichlorodifluoromethane	U	ug/kg	10	07-FEB-02 20:51	VOA OLM 4.2	02-024-1922
Bromomethane	U	ug/kg	10	07-FEB-02 20:51	VOA OLM 4.2	02-024-1922
Vinyl chloride	U	ug/kg	10	07-FEB-02 20:51	VOA OLM 4.2	02-024-1922
Chloroethane	U	ug/kg	10	07-FEB-02 20:51	VOA OLM 4.2	02-024-1922
Trichlorofluoromethane	U	ug/kg	10	07-FEB-02 20:51	VOA OLM 4.2	02-024-1922
Methylene chloride	8 JB ✓	ug/kg	10	07-FEB-02 20:51	VOA OLM 4.2	02-024-1922
Acetone	U	ug/kg	10	07-FEB-02 20:51	VOA OLM 4.2	02-024-1922
Carbon disulfide	U	ug/kg	10	07-FEB-02 20:51	VOA OLM 4.2	02-024-1922
Methyl Acetate	U	ug/kg	10	07-FEB-02 20:51	VOA OLM 4.2	02-024-1922
1,1-Dichloroethene	U	ug/kg	10	07-FEB-02 20:51	VOA OLM 4.2	02-024-1922
trans-1,2-Dichloroethene	U	ug/kg	10	07-FEB-02 20:51	VOA OLM 4.2	02-024-1922
MTBE(Methyl tert-butyl ether)	U	ug/kg	10	07-FEB-02 20:51	VOA OLM 4.2	02-024-1922
1,1-Dichloroethane	U	ug/kg	10	07-FEB-02 20:51	VOA OLM 4.2	02-024-1922
1,1,2-Trichloro-1,2,2-trifluoroethane	U	ug/kg	10	07-FEB-02 20:51	VOA OLM 4.2	02-024-1922
cis-1,2-Dichloroethene	U	ug/kg	10	07-FEB-02 20:51	VOA OLM 4.2	02-024-1922
K(2-Butanone)	U	ug/kg	10	07-FEB-02 20:51	VOA OLM 4.2	02-024-1922
Chloroform	U	ug/kg	10	07-FEB-02 20:51	VOA OLM 4.2	02-024-1922
1,1,1-Trichloroethane	U	ug/kg	10	07-FEB-02 20:51	VOA OLM 4.2	02-024-1922
Cyclohexane	U	ug/kg	10	07-FEB-02 20:51	VOA OLM 4.2	02-024-1922
Carbon tetrachloride	U	ug/kg	10	07-FEB-02 20:51	VOA OLM 4.2	02-024-1922
Benzene	U	ug/kg	10	07-FEB-02 20:51	VOA OLM 4.2	02-024-1922
1,2-Dichloroethane	U	ug/kg	10	07-FEB-02 20:51	VOA OLM 4.2	02-024-1922
Trichloroethene	U	ug/kg	10	07-FEB-02 20:51	VOA OLM 4.2	02-024-1922
Methylcyclohexane	U	ug/kg	10	07-FEB-02 20:51	VOA OLM 4.2	02-024-1922
1,2-Dichloropropane	U	ug/kg	10	07-FEB-02 20:51	VOA OLM 4.2	02-024-1922
Bromodichloromethane	U	ug/kg	10	07-FEB-02 20:51	VOA OLM 4.2	02-024-1922
cis-1,3-Dichloropropene	U	ug/kg	10	07-FEB-02 20:51	VOA OLM 4.2	02-024-1922
MIBK(4-Methyl-2-pentanone)	U	ug/kg	10	07-FEB-02 20:51	VOA OLM 4.2	02-024-1922
Toluene	U	ug/kg	10	07-FEB-02 20:51	VOA OLM 4.2	02-024-1922
trans-1,3-Dichloropropene	U	ug/kg	10	07-FEB-02 20:51	VOA OLM 4.2	02-024-1922
1,1,2-Trichloroethane	U	ug/kg	10	07-FEB-02 20:51	VOA OLM 4.2	02-024-1922
Tetrachloroethene	U	ug/kg	10	07-FEB-02 20:51	VOA OLM 4.2	02-024-1922
2-Hexanone	U	ug/kg	10	07-FEB-02 20:51	VOA OLM 4.2	02-024-1922
Dibromochloromethane	U	ug/kg	10	07-FEB-02 20:51	VOA OLM 4.2	02-024-1922
1,2-Dibromoethane	U	ug/kg	10	07-FEB-02 20:51	VOA OLM 4.2	02-024-1922
Chlorobenzene	U	ug/kg	10	07-FEB-02 20:51	VOA OLM 4.2	02-024-1922
Ethylbenzene	U	ug/kg	10	07-FEB-02 20:51	VOA OLM 4.2	02-024-1922
Results calculated on a dry weight basis.						

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit



ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 01-MAR-2002

Lab Sample ID: L83167-8

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TP-01-6-4
Description: GRAB
Sampled On: 31-JAN-02 09:10 by CLIENT
Date Received: 02-FEB-02 15:20
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
p-Xylene/m-Xylene	U	ug/kg	10	07-FEB-02 20:51	VOA OLM 4.2	02-024-1922
o-Xylene	U	ug/kg	10	07-FEB-02 20:51	VOA OLM 4.2	02-024-1922
Styrene	U	ug/kg	10	07-FEB-02 20:51	VOA OLM 4.2	02-024-1922
Bromoform	U	ug/kg	10	07-FEB-02 20:51	VOA OLM 4.2	02-024-1922
Isopropylbenzene	U	ug/kg	10	07-FEB-02 20:51	VOA OLM 4.2	02-024-1922
1,1,2,2-Tetrachloroethane	U	ug/kg	10	07-FEB-02 20:51	VOA OLM 4.2	02-024-1922
1,3-Dichlorobenzene	U	ug/kg	10	07-FEB-02 20:51	VOA OLM 4.2	02-024-1922
1,4-Dichlorobenzene	U	ug/kg	10	07-FEB-02 20:51	VOA OLM 4.2	02-024-1922
1,2-Dichlorobenzene	U	ug/kg	10	07-FEB-02 20:51	VOA OLM 4.2	02-024-1922
1,2-Dibromo-3-chloropropane	U	ug/kg	10	07-FEB-02 20:51	VOA OLM 4.2	02-024-1922
1,2,4-Trichlorobenzene	U	ug/kg	10	07-FEB-02 20:51	VOA OLM 4.2	02-024-1922

Library Search Compounds:	Result	Units	Qual	Retention Time

No library search compounds detected.

Surrogate Recovery:

1,2-Dichloroethane-d4	111	%	02-024-1922
Toluene-d8	132	%	02-024-1922
Bromofluorobenzene	74	%	02-024-1922

Analysis Comment: Results Calculated on a dry weight basis. Internal standard 3 recovery below limits. Confirmed by files D1923 and D1924.

SVOA OLM 4.2

Bis(2-chloroethylether)	U	ug/kg	1900	11-FEB-02 17:31	SVOA OLM 4.2	02-011-1145
Benzaldehyde	U	ug/kg	1900	11-FEB-02 17:31	SVOA OLM 4.2	02-011-1145
Phenol	U	ug/kg	1900	11-FEB-02 17:31	SVOA OLM 4.2	02-011-1145
2-Chlorophenol	U	ug/kg	1900	11-FEB-02 17:31	SVOA OLM 4.2	02-011-1145
2-Methylphenol	U	ug/kg	1900	11-FEB-02 17:31	SVOA OLM 4.2	02-011-1145
2,2'Oxybis(1-Chloropropane)	U	ug/kg	1900	11-FEB-02 17:31	SVOA OLM 4.2	02-011-1145
Hexachloroethane	U	ug/kg	1900	11-FEB-02 17:31	SVOA OLM 4.2	02-011-1145
N-Nitrosodi-N-propylamine	U	ug/kg	1900	11-FEB-02 17:31	SVOA OLM 4.2	02-011-1145
Acetophenone	U	ug/kg	1900	11-FEB-02 17:31	SVOA OLM 4.2	02-011-1145
4-Methylphenol	U	ug/kg	1900	11-FEB-02 17:31	SVOA OLM 4.2	02-011-1145
Nitrobenzene	U	ug/kg	1900	11-FEB-02 17:31	SVOA OLM 4.2	02-011-1145
Isophorone	U	ug/kg	1900	11-FEB-02 17:31	SVOA OLM 4.2	02-011-1145
2-Nitrophenol	U	ug/kg	1900	11-FEB-02 17:31	SVOA OLM 4.2	02-011-1145
2,4-Dimethylphenol	U	ug/kg	1900	11-FEB-02 17:31	SVOA OLM 4.2	02-011-1145
Bis(2-chloroethoxymethane)	U	ug/kg	1900	11-FEB-02 17:31	SVOA OLM 4.2	02-011-1145

Results calculated on a dry weight basis.

QC *ear* NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: *John P. Kent*
Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 01-MAR-2002

Lab Sample ID: L83167-8

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TP-01-6-4'
Description: GRAB
Sampled On: 31-JAN-02 09:10 by CLIENT
Date Received: 02-FEB-02 15:20
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
2,4-Dichlorophenol	U	ug/kg	1900	11-FEB-02 17:31	SVOA OLM 4.2	02-011-1145
Naphthalene	U	ug/kg	1900	11-FEB-02 17:31	SVOA OLM 4.2	02-011-1145
4-Chloroaniline	U	ug/kg	1900	11-FEB-02 17:31	SVOA OLM 4.2	02-011-1145
Hexachlorobutadiene	U	ug/kg	1900	11-FEB-02 17:31	SVOA OLM 4.2	02-011-1145
Caprolactam	U	ug/kg	1900	11-FEB-02 17:31	SVOA OLM 4.2	02-011-1145
4-Chloro-3-methylphenol	U	ug/kg	1900	11-FEB-02 17:31	SVOA OLM 4.2	02-011-1145
2-Methylnaphthalene	U	ug/kg	1900	11-FEB-02 17:31	SVOA OLM 4.2	02-011-1145
Hexachlorocyclopentadiene	U	ug/kg	1900	11-FEB-02 17:31	SVOA OLM 4.2	02-011-1145
2,4,6-Trichlorophenol	U	ug/kg	1900	11-FEB-02 17:31	SVOA OLM 4.2	02-011-1145
2,4,5-Trichlorophenol	U	ug/kg	4800	11-FEB-02 17:31	SVOA OLM 4.2	02-011-1145
2-Chloronaphthalene	U	ug/kg	1900	11-FEB-02 17:31	SVOA OLM 4.2	02-011-1145
1,1'-Biphenyl	U	ug/kg	1900	11-FEB-02 17:31	SVOA OLM 4.2	02-011-1145
2-Nitroaniline	U	ug/kg	4800	11-FEB-02 17:31	SVOA OLM 4.2	02-011-1145
Dimethyl phthalate	U	ug/kg	1900	11-FEB-02 17:31	SVOA OLM 4.2	02-011-1145
Acenaphthylene	U	ug/kg	1900	11-FEB-02 17:31	SVOA OLM 4.2	02-011-1145
2,6-Dinitrotoluene	U	ug/kg	1900	11-FEB-02 17:31	SVOA OLM 4.2	02-011-1145
3-Nitroaniline	U	ug/kg	4800	11-FEB-02 17:31	SVOA OLM 4.2	02-011-1145
Acenaphthene	380 J	ug/kg	1900	11-FEB-02 17:31	SVOA OLM 4.2	02-011-1145
2,4-Dinitrophenol	U	ug/kg	4800	11-FEB-02 17:31	SVOA OLM 4.2	02-011-1145
Dibenzofuran	220 J	ug/kg	1900	11-FEB-02 17:31	SVOA OLM 4.2	02-011-1145
2,4-Dinitrotoluene	U	ug/kg	1900	11-FEB-02 17:31	SVOA OLM 4.2	02-011-1145
Nitrophenol	U	ug/kg	4800	11-FEB-02 17:31	SVOA OLM 4.2	02-011-1145
ethyl phthalate	U	ug/kg	1900	11-FEB-02 17:31	SVOA OLM 4.2	02-011-1145
fluorene	340 J	ug/kg	1900	11-FEB-02 17:31	SVOA OLM 4.2	02-011-1145
4-Chlorophenylphenylether	U	ug/kg	1900	11-FEB-02 17:31	SVOA OLM 4.2	02-011-1145
4-Nitroaniline	U	ug/kg	4800	11-FEB-02 17:31	SVOA OLM 4.2	02-011-1145
2-Methyl-4,6-dinitrophenol	U	ug/kg	4800	11-FEB-02 17:31	SVOA OLM 4.2	02-011-1145
N-Nitrosodiphenylamine	U	ug/kg	1900	11-FEB-02 17:31	SVOA OLM 4.2	02-011-1145
4-Bromophenylphenylether	U	ug/kg	1900	11-FEB-02 17:31	SVOA OLM 4.2	02-011-1145
Hexachlorobenzene	U	ug/kg	1900	11-FEB-02 17:31	SVOA OLM 4.2	02-011-1145
Atrazine	U	ug/kg	1900	11-FEB-02 17:31	SVOA OLM 4.2	02-011-1145
Pentachlorophenol	U	ug/kg	4800	11-FEB-02 17:31	SVOA OLM 4.2	02-011-1145
Phenanthrene	5100	ug/kg	1900	11-FEB-02 17:31	SVOA OLM 4.2	02-011-1145
Anthracene	1000 J	ug/kg	1900	11-FEB-02 17:31	SVOA OLM 4.2	02-011-1145
Carbazole	660 J	ug/kg	1900	11-FEB-02 17:31	SVOA OLM 4.2	02-011-1145
Di-n-butyl phthalate	U	ug/kg	1900	11-FEB-02 17:31	SVOA OLM 4.2	02-011-1145
Fluoranthene	8900	ug/kg	1900	11-FEB-02 17:31	SVOA OLM 4.2	02-011-1145
Pyrene	9300	ug/kg	1900	11-FEB-02 17:31	SVOA OLM 4.2	02-011-1145
Butylbenzyl phthalate	U	ug/kg	1900	11-FEB-02 17:31	SVOA OLM 4.2	02-011-1145
Benzo(a)anthracene	5300	ug/kg	1900	11-FEB-02 17:31	SVOA OLM 4.2	02-011-1145
3,3-Dichlorobenzidine	U	ug/kg	1900	11-FEB-02 17:31	SVOA OLM 4.2	02-011-1145
Chrysene	5400	ug/kg	1900	11-FEB-02 17:31	SVOA OLM 4.2	02-011-1145
Bis-2-ethylhexyl phthalate	U	ug/kg	1900	11-FEB-02 17:31	SVOA OLM 4.2	02-011-1145

Results calculated on a dry weight basis.

Page 3 of 5

QC *ack* NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: *John P. Hunt*
Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 01-MAR-2002

Lab Sample ID: L83167-8

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TP-01-6-4/
Description: GRAB
Sampled On: 31-JAN-02 09:10 by CLIENT
Date Received: 02-FEB-02 15:20
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Di-n-octyl phthalate	U	ug/kg	1900	11-FEB-02 17:31	SVOA OLM 4.2	02-011-1145
Benzo(b)fluoranthene	7300 J	ug/kg	1900	11-FEB-02 17:31	SVOA OLM 4.2	02-011-1145
Benzo(k)fluoranthene	2800 J	ug/kg	1900	11-FEB-02 17:31	SVOA OLM 4.2	02-011-1145
Benzo(a)pyrene	4100 J	ug/kg	1900	11-FEB-02 17:31	SVOA OLM 4.2	02-011-1145
Indeno(1,2,3-cd)pyrene	2000 J	ug/kg	1900	11-FEB-02 17:31	SVOA OLM 4.2	02-011-1145
Dibenzo(a,h)anthracene	510 J J	ug/kg	1900	11-FEB-02 17:31	SVOA OLM 4.2	02-011-1145
Benzo(g,h,i)perylene	1200 J J	ug/kg	1900	11-FEB-02 17:31	SVOA OLM 4.2	02-011-1145

Extraction Information:

04-FEB-02 00:00

01-133-75

Library Search Compounds:	Result	Units	Qual	Retention Time
9-methylAnthracene	710	ug/kg	NJ	25.05
1-methylAnthracene	860	ug/kg	NJ	25.13
Unknown	1200	ug/kg	J	25.34
2-methylAnthracene	450	ug/kg	NJ	25.45
2-Phenylnaphthalene	450	ug/kg	NJ	26.06
9,10-Anthracenedione	500	ug/kg	NJ	26.11
5-dimethylPhenanthrene	450	ug/kg	NJ	26.81
Unknown	560	ug/kg	J	27.03
11H-Benzo[b]fluorene	670	ug/kg	NJ	28.99
Unknown	430	ug/kg	J	29.36
7H-Benz[de]anthracen-7-one	590	ug/kg	NJ	30.56
Unknown PAH	580	ug/kg	J	30.99
Unknown	410	ug/kg	J	31.13
Unknown PAH	460	ug/kg	J	31.26
2-methylTriphenylene	450	ug/kg	NJ	32.93
Unknown PAH	440	ug/kg	J	33.29
Unknown PAH	1300	ug/kg	J	35.04
Unknown PAH	3500	ug/kg	J	35.49

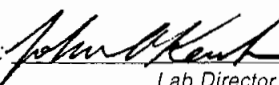
Library Search Comment: 18 library search compounds detected.

Surrogate Recovery:

2-Fluorophenol	70	%	02-011-1145
Phenol-d5	68	%	02-011-1145
2-Chlorophenol-d4	80	%	02-011-1145
1,2-Dichlorobenzene-d4	56	%	02-011-1145
Nitrobenzene-d5	59	%	02-011-1145
2-Fluorobiphenyl	73	%	02-011-1145
2,4,6-Tribromophenol	80	%	02-011-1145
Terphenyl-d14	75	%	02-011-1145

Results calculated on a dry weight basis.

QC car NY 10252 NJ 73168 PA 68180 EPA NY 00038

Approved by: 
Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 01-MAR-2002

Lab Sample ID: L83167-8

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TP-01-6-4'
Description: GRAB
Sampled On: 31-JAN-02 09:10 by CLIENT
Date Received: 02-FEB-02 15:20
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference

Analysis Comment: Results Calculated on a dry weight basis. Int std 6 recovery below limit, confirm file A3467.

Results calculated on a dry weight basis.

Page 5 of 5

QC cal NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: John A. Kent
Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 01-MAR-2002

Lab Sample ID: L83167-9

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: L83167-BMS, TP-01-6-4
Description: L83167-8
Sampled On: 31-JAN-02 09:10 by CLIENT
Date Received: 02-FEB-02 15:20
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
VOA OLM 4.2						
Chloromethane	U	ug/kg	11	07-FEB-02 21:25	VOA OLM 4.2	02-024-1923
Dichlorodifluoromethane	U	ug/kg	11	07-FEB-02 21:25	VOA OLM 4.2	02-024-1923
Bromomethane	U	ug/kg	11	07-FEB-02 21:25	VOA OLM 4.2	02-024-1923
Vinyl chloride	U	ug/kg	11	07-FEB-02 21:25	VOA OLM 4.2	02-024-1923
Chloroethane	U	ug/kg	11	07-FEB-02 21:25	VOA OLM 4.2	02-024-1923
Trichlorofluoromethane	U	ug/kg	11	07-FEB-02 21:25	VOA OLM 4.2	02-024-1923
Methylene chloride	18 BU	ug/kg	11	07-FEB-02 21:25	VOA OLM 4.2	02-024-1923
Acetone	U	ug/kg	11	07-FEB-02 21:25	VOA OLM 4.2	02-024-1923
Carbon disulfide	U	ug/kg	11	07-FEB-02 21:25	VOA OLM 4.2	02-024-1923
Methyl Acetate	U	ug/kg	11	07-FEB-02 21:25	VOA OLM 4.2	02-024-1923
1,1-Dichloroethene	48	ug/kg	11	07-FEB-02 21:25	VOA OLM 4.2	02-024-1923
trans-1,2-Dichloroethene	U	ug/kg	11	07-FEB-02 21:25	VOA OLM 4.2	02-024-1923
MTBE(Methyl tert-butyl ether)	U	ug/kg	11	07-FEB-02 21:25	VOA OLM 4.2	02-024-1923
1,1-Dichloroethane	U	ug/kg	11	07-FEB-02 21:25	VOA OLM 4.2	02-024-1923
1,1,2-Trichloro-1,2,2-trifluoroethane	U	ug/kg	11	07-FEB-02 21:25	VOA OLM 4.2	02-024-1923
cis-1,2-Dichloroethene	U	ug/kg	11	07-FEB-02 21:25	VOA OLM 4.2	02-024-1923
MEK(2-Butanone)	U	ug/kg	11	07-FEB-02 21:25	VOA OLM 4.2	02-024-1923
Chloroform	U	ug/kg	11	07-FEB-02 21:25	VOA OLM 4.2	02-024-1923
1,1-Trichloroethane	U	ug/kg	11	07-FEB-02 21:25	VOA OLM 4.2	02-024-1923
cyclohexane	U	ug/kg	11	07-FEB-02 21:25	VOA OLM 4.2	02-024-1923
Carbon tetrachloride	U	ug/kg	11	07-FEB-02 21:25	VOA OLM 4.2	02-024-1923
Benzene	56	ug/kg	11	07-FEB-02 21:25	VOA OLM 4.2	02-024-1923
1,2-Dichloroethane	U	ug/kg	11	07-FEB-02 21:25	VOA OLM 4.2	02-024-1923
Trichloroethene	45	ug/kg	11	07-FEB-02 21:25	VOA OLM 4.2	02-024-1923
Methylcyclohexane	U	ug/kg	11	07-FEB-02 21:25	VOA OLM 4.2	02-024-1923
1,2-Dichloropropane	U	ug/kg	11	07-FEB-02 21:25	VOA OLM 4.2	02-024-1923
Bromodichloromethane	U	ug/kg	11	07-FEB-02 21:25	VOA OLM 4.2	02-024-1923
cis-1,3-Dichloropropene	U	ug/kg	11	07-FEB-02 21:25	VOA OLM 4.2	02-024-1923
MIBK(4-Methyl-2-pentanone)	U	ug/kg	11	07-FEB-02 21:25	VOA OLM 4.2	02-024-1923
Toluene	71	ug/kg	11	07-FEB-02 21:25	VOA OLM 4.2	02-024-1923
trans-1,3-Dichloropropene	U	ug/kg	11	07-FEB-02 21:25	VOA OLM 4.2	02-024-1923
1,1,2-Trichloroethane	U	ug/kg	11	07-FEB-02 21:25	VOA OLM 4.2	02-024-1923
Tetrachloroethene	U	ug/kg	11	07-FEB-02 21:25	VOA OLM 4.2	02-024-1923
2-Hexanone	U	ug/kg	11	07-FEB-02 21:25	VOA OLM 4.2	02-024-1923
Dibromochloromethane	U	ug/kg	11	07-FEB-02 21:25	VOA OLM 4.2	02-024-1923
1,2-Dibromoethane	U	ug/kg	11	07-FEB-02 21:25	VOA OLM 4.2	02-024-1923
Chlorobenzene	50	ug/kg	11	07-FEB-02 21:25	VOA OLM 4.2	02-024-1923
Ethylbenzene	U	ug/kg	11	07-FEB-02 21:25	VOA OLM 4.2	02-024-1923
p-Xylene/m-Xylene	U	ug/kg	11	07-FEB-02 21:25	VOA OLM 4.2	02-024-1923
o-Xylene	U	ug/kg	11	07-FEB-02 21:25	VOA OLM 4.2	02-024-1923
Results calculated on a dry weight basis.						

QC *ear*

NY 10252

NJ 73168

PA 68180

EPA NY 00033

Approved by: *John P. Kent*
Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 01-MAR-2002

Lab Sample ID: L83167-9

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: L83167-8MS, TP-01-6-4
Description: L83167-8
Sampled On: 31-JAN-02 09:10 by CLIENT
Date Received: 02-FEB-02 15:20
P.O. NO: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Styrene	U	ug/kg	11	07-FEB-02 21:25	VOA OLM 4.2	02-024-1923
Bromoform	U	ug/kg	11	07-FEB-02 21:25	VOA OLM 4.2	02-024-1923
Isopropylbenzene	U	ug/kg	11	07-FEB-02 21:25	VOA OLM 4.2	02-024-1923
1,1,2,2-Tetrachloroethane	U	ug/kg	11	07-FEB-02 21:25	VOA OLM 4.2	02-024-1923
1,3-Dichlorobenzene	U	ug/kg	11	07-FEB-02 21:25	VOA OLM 4.2	02-024-1923
1,4-Dichlorobenzene	U	ug/kg	11	07-FEB-02 21:25	VOA OLM 4.2	02-024-1923
1,2-Dichlorobenzene	U	ug/kg	11	07-FEB-02 21:25	VOA OLM 4.2	02-024-1923
1,2-Dibromo-3-chloropropane	U	ug/kg	11	07-FEB-02 21:25	VOA OLM 4.2	02-024-1923
1,2,4-Trichlorobenzene	U	ug/kg	11	07-FEB-02 21:25	VOA OLM 4.2	02-024-1923
Surrogate Recovery:						
1,2-Dichloroethane-d4	114	%				02-024-1923
Toluene-d8	140 *	%				02-024-1923
4-Bromofluorobenzene	65	%				02-024-1923

Analysis Comment: Results Calculated on a dry weight basis. *Surrogate recovery above acceptance limits. Internal standard 3 recovery below limits. Confirmed by files D1922 and D1924.

SVOA OLM 4.2

Bis(2-chloroethylether)	U	ug/kg	380	15-FEB-02 13:21	SVOA OLM 4.2	02-011-1184
Benzaldehyde	U	ug/kg	380	15-FEB-02 13:21	SVOA OLM 4.2	02-011-1184
phenol	2000	ug/kg	380	15-FEB-02 13:21	SVOA OLM 4.2	02-011-1184
2-Chlorophenol	2000	ug/kg	380	15-FEB-02 13:21	SVOA OLM 4.2	02-011-1184
2-Methylphenol	U	ug/kg	380	15-FEB-02 13:21	SVOA OLM 4.2	02-011-1184
2,2'Oxybis(1-Chloropropane)	U	ug/kg	380	15-FEB-02 13:21	SVOA OLM 4.2	02-011-1184
Hexachloroethane	U	ug/kg	380	15-FEB-02 13:21	SVOA OLM 4.2	02-011-1184
N-Nitrosodi-N-propylamine	1400	ug/kg	380	15-FEB-02 13:21	SVOA OLM 4.2	02-011-1184
Acetophenone	U	ug/kg	380	15-FEB-02 13:21	SVOA OLM 4.2	02-011-1184
4-Methylphenol	U	ug/kg	380	15-FEB-02 13:21	SVOA OLM 4.2	02-011-1184
Nitrobenzene	U	ug/kg	380	15-FEB-02 13:21	SVOA OLM 4.2	02-011-1184
Isophorone	U	ug/kg	380	15-FEB-02 13:21	SVOA OLM 4.2	02-011-1184
2-Nitrophenol	U	ug/kg	380	15-FEB-02 13:21	SVOA OLM 4.2	02-011-1184
2,4-Dimethylphenol	U	ug/kg	380	15-FEB-02 13:21	SVOA OLM 4.2	02-011-1184
Bis(2-chloroethoxymethane)	U	ug/kg	380	15-FEB-02 13:21	SVOA OLM 4.2	02-011-1184
2,4-Dichlorophenol	U	ug/kg	380	15-FEB-02 13:21	SVOA OLM 4.2	02-011-1184
Naphthalene	140 J	ug/kg	380	15-FEB-02 13:21	SVOA OLM 4.2	02-011-1184
4-Chloroaniline	U	ug/kg	380	15-FEB-02 13:21	SVOA OLM 4.2	02-011-1184
Hexachlorobutadiene	U	ug/kg	380	15-FEB-02 13:21	SVOA OLM 4.2	02-011-1184
Caprolactam	U	ug/kg	380	15-FEB-02 13:21	SVOA OLM 4.2	02-011-1184
4-Chloro-3-methylphenol	2100	ug/kg	380	15-FEB-02 13:21	SVOA OLM 4.2	02-011-1184
2-Methylnaphthalene	690	ug/kg	380	15-FEB-02 13:21	SVOA OLM 4.2	02-011-1184

Results calculated on a dry weight basis.

QC *oak* NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: *John P. Kent*

Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 01-MAR-2002

Lab Sample ID: L83167-9

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: L83167-8MS, TP-01-6-4
Description: L83167-8
Sampled On: 31-JAN-02 09:10 by CLIENT
Date Received: 02-FEB-02 15:20
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Hexachlorocyclopentadiene	U	ug/kg	380	15-FEB-02 13:21	SVOA OLM 4.2	02-011-1184
2,4,6-Trichlorophenol	U	ug/kg	380	15-FEB-02 13:21	SVOA OLM 4.2	02-011-1184
2,4,5-Trichlorophenol	U	ug/kg	950	15-FEB-02 13:21	SVOA OLM 4.2	02-011-1184
2-Chloronaphthalene	U	ug/kg	380	15-FEB-02 13:21	SVOA OLM 4.2	02-011-1184
1,1'-Biphenyl	U	ug/kg	380	15-FEB-02 13:21	SVOA OLM 4.2	02-011-1184
2-Nitroaniline	U	ug/kg	950	15-FEB-02 13:21	SVOA OLM 4.2	02-011-1184
Dimethyl phthalate	U	ug/kg	380	15-FEB-02 13:21	SVOA OLM 4.2	02-011-1184
Acenaphthylene	53 J	ug/kg	380	15-FEB-02 13:21	SVOA OLM 4.2	02-011-1184
2,6-Dinitrotoluene	U	ug/kg	380	15-FEB-02 13:21	SVOA OLM 4.2	02-011-1184
3-Nitroaniline	U	ug/kg	950	15-FEB-02 13:21	SVOA OLM 4.2	02-011-1184
Acenaphthene	1700	ug/kg	380	15-FEB-02 13:21	SVOA OLM 4.2	02-011-1184
2,4-Dinitrophenol	U	ug/kg	950	15-FEB-02 13:21	SVOA OLM 4.2	02-011-1184
Dibenzofuran	210 J	ug/kg	380	15-FEB-02 13:21	SVOA OLM 4.2	02-011-1184
2,4-Dinitrotoluene	390	ug/kg	380	15-FEB-02 13:21	SVOA OLM 4.2	02-011-1184
4-Nitrophenol	2100	ug/kg	950	15-FEB-02 13:21	SVOA OLM 4.2	02-011-1184
Diethyl phthalate	U	ug/kg	380	15-FEB-02 13:21	SVOA OLM 4.2	02-011-1184
Fluorene	370 J	ug/kg	380	15-FEB-02 13:21	SVOA OLM 4.2	02-011-1184
4-Chlorophenylphenylether	U	ug/kg	380	15-FEB-02 13:21	SVOA OLM 4.2	02-011-1184
4-Nitroaniline	U	ug/kg	950	15-FEB-02 13:21	SVOA OLM 4.2	02-011-1184
2-Methyl-4,6-dinitrophenol	U	ug/kg	950	15-FEB-02 13:21	SVOA OLM 4.2	02-011-1184
N-Nitrosodiphenylamine	U	ug/kg	380	15-FEB-02 13:21	SVOA OLM 4.2	02-011-1184
Bromophenylphenylether	U	ug/kg	380	15-FEB-02 13:21	SVOA OLM 4.2	02-011-1184
hexachlorobenzene	U	ug/kg	380	15-FEB-02 13:21	SVOA OLM 4.2	02-011-1184
Atrazine	U	ug/kg	380	15-FEB-02 13:21	SVOA OLM 4.2	02-011-1184
Pentachlorophenol	1800	ug/kg	950	15-FEB-02 13:21	SVOA OLM 4.2	02-011-1184
Phenanthrene	4800 E	ug/kg	380	15-FEB-02 13:21	SVOA OLM 4.2	02-011-1184
Anthracene	4600 E	ug/kg	380	15-FEB-02 13:21	SVOA OLM 4.2	02-011-1184
Carbazole	760	ug/kg	380	15-FEB-02 13:21	SVOA OLM 4.2	02-011-1184
Di-n-butyl phthalate	U	ug/kg	380	15-FEB-02 13:21	SVOA OLM 4.2	02-011-1184
Fluoranthene	6900 E	ug/kg	380	15-FEB-02 13:21	SVOA OLM 4.2	02-011-1184
Pyrene	8300 E	ug/kg	380	15-FEB-02 13:21	SVOA OLM 4.2	02-011-1184
Butylbenzyl phthalate	U	ug/kg	380	15-FEB-02 13:21	SVOA OLM 4.2	02-011-1184
Benzo(a)anthracene	3900 E	ug/kg	380	15-FEB-02 13:21	SVOA OLM 4.2	02-011-1184
3,3-Dichlorobenzidine	U	ug/kg	380	15-FEB-02 13:21	SVOA OLM 4.2	02-011-1184
Chrysene	3600 E	ug/kg	380	15-FEB-02 13:21	SVOA OLM 4.2	02-011-1184
Bis-2-ethylhexyl phthalate	U	ug/kg	380	15-FEB-02 13:21	SVOA OLM 4.2	02-011-1184
Di-n-octyl phthalate	U	ug/kg	380	15-FEB-02 13:21	SVOA OLM 4.2	02-011-1184
Benzo(b)fluoranthene	5100 E	ug/kg	380	15-FEB-02 13:21	SVOA OLM 4.2	02-011-1184
Benzo(k)fluoranthene	1400 E	ug/kg	380	15-FEB-02 13:21	SVOA OLM 4.2	02-011-1184
Benzo(a)pyrene	2700 E	ug/kg	380	15-FEB-02 13:21	SVOA OLM 4.2	02-011-1184
Indeno(1,2,3-cd)pyrene	1400 E	ug/kg	380	15-FEB-02 13:21	SVOA OLM 4.2	02-011-1184
Dibenzo(a,h)anthracene	380 J	ug/kg	380	15-FEB-02 13:21	SVOA OLM 4.2	02-011-1184
Benzo(g,h,i)perylene	930	ug/kg	380	15-FEB-02 13:21	SVOA OLM 4.2	02-011-1184

Results calculated on a dry weight basis.

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 01-MAR-2002

Lab Sample ID: L83167-9

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: L83167-8MS, TP-01-6-4
Description: L83167-8
Sampled On: 31-JAN-02 09:10 by CLIENT
Date Received: 02-FEB-02 15:20
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Extraction Information:				11-FEB-02 00:00		01-133-81
Surrogate Recovery:						
2-Fluorophenol	80	%				02-011-1184
Phenol-d5	73	%				02-011-1184
2-Chlorophenol-d4	85	%				02-011-1184
1,2-Dichlorobenzene-d4	59	%				02-011-1184
Nitrobenzene-d5	64	%				02-011-1184
2-Fluorobiphenyl	69	%				02-011-1184
2,4,6-Tribromophenol	81	%				02-011-1184
Terphenyl-d14	77	%				02-011-1184
Analysis Comment: Results Calculated on a dry weight basis. E-Estimated above calibration curve.						

Results calculated on a dry weight basis.

I	ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
	mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
	B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 01-MAR-2002

Lab Sample ID: L83167-10

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: L83167-8MSD, TP-01-6-4'
Description: L83167-8
Sampled On: 31-JAN-02 09:10 by CLIENT
Date Received: 02-FEB-02 15:20
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
VOA OLM 4.2						
Chloromethane	U	ug/kg	10	07-FEB-02 21:58	VOA OLM 4.2	02-024-1924
Dichlorodifluoromethane	U	ug/kg	10	07-FEB-02 21:58	VOA OLM 4.2	02-024-1924
Bromomethane	U	ug/kg	10	07-FEB-02 21:58	VOA OLM 4.2	02-024-1924
Vinyl chloride	U	ug/kg	10	07-FEB-02 21:58	VOA OLM 4.2	02-024-1924
Chloroethane	U	ug/kg	10	07-FEB-02 21:58	VOA OLM 4.2	02-024-1924
Trichlorofluoromethane	U	ug/kg	10	07-FEB-02 21:58	VOA OLM 4.2	02-024-1924
Methylene chloride	16 BU	ug/kg	10	07-FEB-02 21:58	VOA OLM 4.2	02-024-1924
Acetone	U	ug/kg	10	07-FEB-02 21:58	VOA OLM 4.2	02-024-1924
Carbon disulfide	U	ug/kg	10	07-FEB-02 21:58	VOA OLM 4.2	02-024-1924
Methyl Acetate	U	ug/kg	10	07-FEB-02 21:58	VOA OLM 4.2	02-024-1924
1,1-Dichloroethene	43	ug/kg	10	07-FEB-02 21:58	VOA OLM 4.2	02-024-1924
trans-1,2-Dichloroethene	U	ug/kg	10	07-FEB-02 21:58	VOA OLM 4.2	02-024-1924
MTBE(Methyl tert-butyl ether)	U	ug/kg	10	07-FEB-02 21:58	VOA OLM 4.2	02-024-1924
1,1-Dichloroethane	U	ug/kg	10	07-FEB-02 21:58	VOA OLM 4.2	02-024-1924
1,1,2-Trichloro-1,2,2-trifluoroethane	U	ug/kg	10	07-FEB-02 21:58	VOA OLM 4.2	02-024-1924
cis-1,2-Dichloroethene	U	ug/kg	10	07-FEB-02 21:58	VOA OLM 4.2	02-024-1924
MEK(2-Butanone)	U	ug/kg	10	07-FEB-02 21:58	VOA OLM 4.2	02-024-1924
Chloroform	U	ug/kg	10	07-FEB-02 21:58	VOA OLM 4.2	02-024-1924
1,1-Trichloroethane	U	ug/kg	10	07-FEB-02 21:58	VOA OLM 4.2	02-024-1924
Cyclohexane	U	ug/kg	10	07-FEB-02 21:58	VOA OLM 4.2	02-024-1924
Carbon tetrachloride	U	ug/kg	10	07-FEB-02 21:58	VOA OLM 4.2	02-024-1924
Benzene	55	ug/kg	10	07-FEB-02 21:58	VOA OLM 4.2	02-024-1924
1,2-Dichloroethane	U	ug/kg	10	07-FEB-02 21:58	VOA OLM 4.2	02-024-1924
Trichloroethene	44	ug/kg	10	07-FEB-02 21:58	VOA OLM 4.2	02-024-1924
Methylcyclohexane	U	ug/kg	10	07-FEB-02 21:58	VOA OLM 4.2	02-024-1924
1,2-Dichloropropane	U	ug/kg	10	07-FEB-02 21:58	VOA OLM 4.2	02-024-1924
Bromodichloromethane	U	ug/kg	10	07-FEB-02 21:58	VOA OLM 4.2	02-024-1924
cis-1,3-Dichloropropene	U	ug/kg	10	07-FEB-02 21:58	VOA OLM 4.2	02-024-1924
MIBK(4-Methyl-2-pentanone)	U	ug/kg	10	07-FEB-02 21:58	VOA OLM 4.2	02-024-1924
Toluene	67	ug/kg	10	07-FEB-02 21:58	VOA OLM 4.2	02-024-1924
trans-1,3-Dichloropropene	U	ug/kg	10	07-FEB-02 21:58	VOA OLM 4.2	02-024-1924
1,1,2-Trichloroethane	U	ug/kg	10	07-FEB-02 21:58	VOA OLM 4.2	02-024-1924
Tetrachloroethene	U	ug/kg	10	07-FEB-02 21:58	VOA OLM 4.2	02-024-1924
2-Hexanone	U	ug/kg	10	07-FEB-02 21:58	VOA OLM 4.2	02-024-1924
Dibromochloromethane	U	ug/kg	10	07-FEB-02 21:58	VOA OLM 4.2	02-024-1924
1,2-Dibromoethane	U	ug/kg	10	07-FEB-02 21:58	VOA OLM 4.2	02-024-1924
Chlorobenzene	48	ug/kg	10	07-FEB-02 21:58	VOA OLM 4.2	02-024-1924
Ethylbenzene	U	ug/kg	10	07-FEB-02 21:58	VOA OLM 4.2	02-024-1924
p-Xylene/m-Xylene	U	ug/kg	10	07-FEB-02 21:58	VOA OLM 4.2	02-024-1924
o-Xylene	U	ug/kg	10	07-FEB-02 21:58	VOA OLM 4.2	02-024-1924
Results calculated on a dry weight basis.						



ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 01-MAR-2002

Lab Sample ID: L83167-10

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: L83167-8MSD, TP-01-6-4
Description: L83167-8
Sampled On: 31-JAN-02 09:10 by CLIENT
Date Received: 02-FEB-02 15:20
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Styrene	U	ug/kg	10	07-FEB-02 21:58	VOA OLM 4.2	02-024-1924
Bromoform	U	ug/kg	10	07-FEB-02 21:58	VOA OLM 4.2	02-024-1924
Isopropylbenzene	U	ug/kg	10	07-FEB-02 21:58	VOA OLM 4.2	02-024-1924
1,1,2,2-Tetrachloroethane	U	ug/kg	10	07-FEB-02 21:58	VOA OLM 4.2	02-024-1924
1,3-Dichlorobenzene	U	ug/kg	10	07-FEB-02 21:58	VOA OLM 4.2	02-024-1924
1,4-Dichlorobenzene	U	ug/kg	10	07-FEB-02 21:58	VOA OLM 4.2	02-024-1924
1,2-Dichlorobenzene	U	ug/kg	10	07-FEB-02 21:58	VOA OLM 4.2	02-024-1924
1,2-Dibromo-3-chloropropane	U	ug/kg	10	07-FEB-02 21:58	VOA OLM 4.2	02-024-1924
1,2,4-Trichlorobenzene	U	ug/kg	10	07-FEB-02 21:58	VOA OLM 4.2	02-024-1924
Surrogate Recovery:						
1,2-Dichloroethane-d4	114	%				02-024-1924
Toluene-d8	141 *	%				02-024-1924
4-Bromofluorobenzene	69	%				02-024-1924

Analysis Comment: Results Calculated on a dry weight basis. *Surrogate recovery above acceptance limits. Internal standard 2,3 recovery below limits. Confirmed by files D1922 and D1923.

SVOA OLM 4.2

Bis(2-chloroethylether)	U	ug/kg	380	15-FEB-02 14:14	SVOA OLM 4.2	02-011-1185
Benzaldehyde	U	ug/kg	380	15-FEB-02 14:14	SVOA OLM 4.2	02-011-1185
phenol	2500	ug/kg	380	15-FEB-02 14:14	SVOA OLM 4.2	02-011-1185
4-Chlorophenol	2500	ug/kg	380	15-FEB-02 14:14	SVOA OLM 4.2	02-011-1185
2-Methylphenol	U	ug/kg	380	15-FEB-02 14:14	SVOA OLM 4.2	02-011-1185
2,2'Oxybis(1-Chloropropane)	U	ug/kg	380	15-FEB-02 14:14	SVOA OLM 4.2	02-011-1185
Hexachloroethane	U	ug/kg	380	15-FEB-02 14:14	SVOA OLM 4.2	02-011-1185
N-Nitrosodi-N-propylamine	1700	ug/kg	380	15-FEB-02 14:14	SVOA OLM 4.2	02-011-1185
Acetophenone	U	ug/kg	380	15-FEB-02 14:14	SVOA OLM 4.2	02-011-1185
4-Methylphenol	U	ug/kg	380	15-FEB-02 14:14	SVOA OLM 4.2	02-011-1185
Nitrobenzene	U	ug/kg	380	15-FEB-02 14:14	SVOA OLM 4.2	02-011-1185
Isophorone	U	ug/kg	380	15-FEB-02 14:14	SVOA OLM 4.2	02-011-1185
2-Nitrophenol	U	ug/kg	380	15-FEB-02 14:14	SVOA OLM 4.2	02-011-1185
2,4-Dimethylphenol	U	ug/kg	380	15-FEB-02 14:14	SVOA OLM 4.2	02-011-1185
Bis(2-chloroethoxymethane)	U	ug/kg	380	15-FEB-02 14:14	SVOA OLM 4.2	02-011-1185
2,4-Dichlorophenol	U	ug/kg	380	15-FEB-02 14:14	SVOA OLM 4.2	02-011-1185
Naphthalene	180 J	ug/kg	380	15-FEB-02 14:14	SVOA OLM 4.2	02-011-1185
4-Chloroaniline	U	ug/kg	380	15-FEB-02 14:14	SVOA OLM 4.2	02-011-1185
Hexachlorobutadiene	U	ug/kg	380	15-FEB-02 14:14	SVOA OLM 4.2	02-011-1185
Caprolactam	U	ug/kg	380	15-FEB-02 14:14	SVOA OLM 4.2	02-011-1185
4-Chloro-3-methylphenol	2500	ug/kg	380	15-FEB-02 14:14	SVOA OLM 4.2	02-011-1185
2-Methylnaphthalene	U	ug/kg	380	15-FEB-02 14:14	SVOA OLM 4.2	02-011-1185

Results calculated on a dry weight basis.

QC *ear* NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: *John O'Keefe*
Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 01-MAR-2002

Lab Sample ID: L83167-10

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: L83167-8MSO, TP-01-6-4'
Description: L83167-8
Sampled On: 31-JAN-02 09:10 by CLIENT
Date Received: 02-FEB-02 15:20
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Hexachlorocyclopentadiene	U	ug/kg	380	15-FEB-02 14:14	SVOA OLM 4.2	02-011-1185
2,4,6-Trichlorophenol	U	ug/kg	380	15-FEB-02 14:14	SVOA OLM 4.2	02-011-1185
2,4,5-Trichlorophenol	U	ug/kg	950	15-FEB-02 14:14	SVOA OLM 4.2	02-011-1185
2-Chloronaphthalene	U	ug/kg	380	15-FEB-02 14:14	SVOA OLM 4.2	02-011-1185
1,1'-Biphenyl	U	ug/kg	380	15-FEB-02 14:14	SVOA OLM 4.2	02-011-1185
2-Nitroaniline	U	ug/kg	950	15-FEB-02 14:14	SVOA OLM 4.2	02-011-1185
Dimethyl phthalate	U	ug/kg	380	15-FEB-02 14:14	SVOA OLM 4.2	02-011-1185
Acenaphthylene	69 J	ug/kg	380	15-FEB-02 14:14	SVOA OLM 4.2	02-011-1185
2,6-Dinitrotoluene	U	ug/kg	380	15-FEB-02 14:14	SVOA OLM 4.2	02-011-1185
3-Nitroaniline	U	ug/kg	950	15-FEB-02 14:14	SVOA OLM 4.2	02-011-1185
Acenaphthene	2200	ug/kg	380	15-FEB-02 14:14	SVOA OLM 4.2	02-011-1185
2,4-Dinitrophenol	U	ug/kg	950	15-FEB-02 14:14	SVOA OLM 4.2	02-011-1185
Dibenzofuran	270 J	ug/kg	380	15-FEB-02 14:14	SVOA OLM 4.2	02-011-1185
2,4-Dinitrotoluene	1800	ug/kg	380	15-FEB-02 14:14	SVOA OLM 4.2	02-011-1185
4-Nitrophenol	2600	ug/kg	950	15-FEB-02 14:14	SVOA OLM 4.2	02-011-1185
Diethyl phthalate	U	ug/kg	380	15-FEB-02 14:14	SVOA OLM 4.2	02-011-1185
Fluorene	450	ug/kg	380	15-FEB-02 14:14	SVOA OLM 4.2	02-011-1185
4-Chlorophenylphenylether	U	ug/kg	380	15-FEB-02 14:14	SVOA OLM 4.2	02-011-1185
4-Nitroaniline	U	ug/kg	950	15-FEB-02 14:14	SVOA OLM 4.2	02-011-1185
2-Methyl-4,6-dinitrophenol	U	ug/kg	950	15-FEB-02 14:14	SVOA OLM 4.2	02-011-1185
N-Nitrosodiphenylamine	U	ug/kg	380	15-FEB-02 14:14	SVOA OLM 4.2	02-011-1185
Bromophenylphenylether	U	ug/kg	380	15-FEB-02 14:14	SVOA OLM 4.2	02-011-1185
Hexachlorobenzene	U	ug/kg	380	15-FEB-02 14:14	SVOA OLM 4.2	02-011-1185
Atrazine	U	ug/kg	380	15-FEB-02 14:14	SVOA OLM 4.2	02-011-1185
Pentachlorophenol	2200	ug/kg	950	15-FEB-02 14:14	SVOA OLM 4.2	02-011-1185
Phenanthrene	5900 E	ug/kg	380	15-FEB-02 14:14	SVOA OLM 4.2	02-011-1185
Anthracene	1300	ug/kg	380	15-FEB-02 14:14	SVOA OLM 4.2	02-011-1185
Carbazole	920	ug/kg	380	15-FEB-02 14:14	SVOA OLM 4.2	02-011-1185
Di-n-butyl phthalate	U	ug/kg	380	15-FEB-02 14:14	SVOA OLM 4.2	02-011-1185
Fluoranthene	8200 E	ug/kg	380	15-FEB-02 14:14	SVOA OLM 4.2	02-011-1185
Pyrene	11000 E	ug/kg	380	15-FEB-02 14:14	SVOA OLM 4.2	02-011-1185
Butylbenzyl phthalate	U	ug/kg	380	15-FEB-02 14:14	SVOA OLM 4.2	02-011-1185
Benzo(a)anthracene	4900 E	ug/kg	380	15-FEB-02 14:14	SVOA OLM 4.2	02-011-1185
3,3-Dichlorobenzidine	U	ug/kg	380	15-FEB-02 14:14	SVOA OLM 4.2	02-011-1185
Chrysene	4500 E	ug/kg	380	15-FEB-02 14:14	SVOA OLM 4.2	02-011-1185
Bis-2-ethylhexyl phthalate	54 J	ug/kg	380	15-FEB-02 14:14	SVOA OLM 4.2	02-011-1185
Di-n-octyl phthalate	U	ug/kg	380	15-FEB-02 14:14	SVOA OLM 4.2	02-011-1185
Benzo(b)fluoranthene	6600 E	ug/kg	380	15-FEB-02 14:14	SVOA OLM 4.2	02-011-1185
Benzo(k)fluoranthene	1800 E	ug/kg	380	15-FEB-02 14:14	SVOA OLM 4.2	02-011-1185
Benzo(a)pyrene	3500 E	ug/kg	380	15-FEB-02 14:14	SVOA OLM 4.2	02-011-1185
Indeno(1,2,3-cd)pyrene	2000	ug/kg	380	15-FEB-02 14:14	SVOA OLM 4.2	02-011-1185
Dibenzo(a,h)anthracene	530	ug/kg	380	15-FEB-02 14:14	SVOA OLM 4.2	02-011-1185
Benzo(g,h,i)perylene	1300	ug/kg	380	15-FEB-02 14:14	SVOA OLM 4.2	02-011-1185

Results calculated on a dry weight basis.

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 01-MAR-2002

Lab Sample ID: L83167-10

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: L83167-8MSD, TP-01-6-4'
Description: L83167-8
Sampled On: 31-JAN-02 09:10 by CLIENT
Date Received: 02-FEB-02 15:20
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference

Extraction Information:

11-FEB-02 00:00

01-133-81

Surrogate Recovery:

2-Fluorophenol	98	%				02-011-1185
Phenol-d5	93	%				02-011-1185
2-Chlorophenol-d4	107	%				02-011-1185
1,2-Dichlorobenzene-d4	76	%				02-011-1185
Nitrobenzene-d5	82	%				02-011-1185
2-Fluorobiphenyl	87	%				02-011-1185
2,4,6-Tribromophenol	101	%				02-011-1185
Terphenyl-d14	103	%				02-011-1185

Analysis Comment: Results Calculated on a dry weight basis. E-Estimated above calibration curve. Internal standard 6 recovery below limits. Confirmed by file B1145.

Results calculated on a dry weight basis.

Page 4 of 4

QC real NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: John A. Kent
Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 01-MAR-2002

Lab Sample ID: L83167-1

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TP-01-07-9'
Description: GRAB
Sampled On: 30-JAN-02 08:47 by CLIENT
Date Received: 31-JAN-02 14:30
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	74	%		04-FEB-02 00:00	CLP 3.0	01-202-30
VOA OLM 4.2						
Chloromethane	U	ug/kg	13	06-FEB-02 19:05	VOA OLM 4.2	02-024-1900
Dichlorodifluoromethane	U	ug/kg	13	06-FEB-02 19:05	VOA OLM 4.2	02-024-1900
Bromomethane	U	ug/kg	13	06-FEB-02 19:05	VOA OLM 4.2	02-024-1900
Vinyl chloride	U	ug/kg	13	06-FEB-02 19:05	VOA OLM 4.2	02-024-1900
Chloroethane	U	ug/kg	13	06-FEB-02 19:05	VOA OLM 4.2	02-024-1900
Trichlorofluoromethane	U	ug/kg	13	06-FEB-02 19:05	VOA OLM 4.2	02-024-1900
Methylene chloride	U	ug/kg	13	06-FEB-02 19:05	VOA OLM 4.2	02-024-1900
Acetone	U	ug/kg	13	06-FEB-02 19:05	VOA OLM 4.2	02-024-1900
Carbon disulfide	U	ug/kg	13	06-FEB-02 19:05	VOA OLM 4.2	02-024-1900
Methyl Acetate	U	ug/kg	13	06-FEB-02 19:05	VOA OLM 4.2	02-024-1900
1,1-Dichloroethene	U	ug/kg	13	06-FEB-02 19:05	VOA OLM 4.2	02-024-1900
trans-1,2-Dichloroethene	U	ug/kg	13	06-FEB-02 19:05	VOA OLM 4.2	02-024-1900
MTBE(Methyl tert-butyl ether)	U	ug/kg	13	06-FEB-02 19:05	VOA OLM 4.2	02-024-1900
1,1-Dichloroethane	U	ug/kg	13	06-FEB-02 19:05	VOA OLM 4.2	02-024-1900
1,1,2-Trichloro-1,2,2-trifluoroethane	U	ug/kg	13	06-FEB-02 19:05	VOA OLM 4.2	02-024-1900
s-1,2-Dichloroethene	U	ug/kg	13	06-FEB-02 19:05	VOA OLM 4.2	02-024-1900
K(2-Butanone)	U	ug/kg	13	06-FEB-02 19:05	VOA OLM 4.2	02-024-1900
Chloroform	U	ug/kg	13	06-FEB-02 19:05	VOA OLM 4.2	02-024-1900
1,1,1-Trichloroethane	U	ug/kg	13	06-FEB-02 19:05	VOA OLM 4.2	02-024-1900
Cyclohexane	U	ug/kg	13	06-FEB-02 19:05	VOA OLM 4.2	02-024-1900
Carbon tetrachloride	U	ug/kg	13	06-FEB-02 19:05	VOA OLM 4.2	02-024-1900
Benzene	U	ug/kg	13	06-FEB-02 19:05	VOA OLM 4.2	02-024-1900
1,2-Dichloroethane	U	ug/kg	13	06-FEB-02 19:05	VOA OLM 4.2	02-024-1900
Trichloroethene	U	ug/kg	13	06-FEB-02 19:05	VOA OLM 4.2	02-024-1900
Methylcyclohexane	U	ug/kg	13	06-FEB-02 19:05	VOA OLM 4.2	02-024-1900
1,2-Dichloropropane	U	ug/kg	13	06-FEB-02 19:05	VOA OLM 4.2	02-024-1900
Bromodichloromethane	U	ug/kg	13	06-FEB-02 19:05	VOA OLM 4.2	02-024-1900
cis-1,3-Dichloropropene	U	ug/kg	13	06-FEB-02 19:05	VOA OLM 4.2	02-024-1900
MIBK(4-Methyl-2-pentanone)	U	ug/kg	13	06-FEB-02 19:05	VOA OLM 4.2	02-024-1900
Toluene	U	ug/kg	13	06-FEB-02 19:05	VOA OLM 4.2	02-024-1900
trans-1,3-Dichloropropene	U	ug/kg	13	06-FEB-02 19:05	VOA OLM 4.2	02-024-1900
1,1,2-Trichloroethane	U	ug/kg	13	06-FEB-02 19:05	VOA OLM 4.2	02-024-1900
Tetrachloroethene	U	ug/kg	13	06-FEB-02 19:05	VOA OLM 4.2	02-024-1900
2-Hexanone	U	ug/kg	13	06-FEB-02 19:05	VOA OLM 4.2	02-024-1900
Dibromochloromethane	U	ug/kg	13	06-FEB-02 19:05	VOA OLM 4.2	02-024-1900
1,2-Dibromoethane	U	ug/kg	13	06-FEB-02 19:05	VOA OLM 4.2	02-024-1900
Chlorobenzene	U	ug/kg	13	06-FEB-02 19:05	VOA OLM 4.2	02-024-1900
Ethylbenzene	U	ug/kg	13	06-FEB-02 19:05	VOA OLM 4.2	02-024-1900
Results calculated on a dry weight basis.						

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 01-MAR-2002

Lab Sample ID: L83167-1

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TP-01-07-91
Description: GRAB
Sampled On: 30-JAN-02 08:47 by CLIENT
Date Received: 31-JAN-02 14:30
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
p-Xylene/m-Xylene	U	ug/kg	13	06-FEB-02 19:05	VOA OLM 4.2	02-024-1900
o-Xylene	U	ug/kg	13	06-FEB-02 19:05	VOA OLM 4.2	02-024-1900
Styrene	U	ug/kg	13	06-FEB-02 19:05	VOA OLM 4.2	02-024-1900
Bromoform	U	ug/kg	13	06-FEB-02 19:05	VOA OLM 4.2	02-024-1900
Isopropylbenzene	U	ug/kg	13	06-FEB-02 19:05	VOA OLM 4.2	02-024-1900
1,1,2,2-Tetrachloroethane	U	ug/kg	13	06-FEB-02 19:05	VOA OLM 4.2	02-024-1900
1,3-Dichlorobenzene	U	ug/kg	13	06-FEB-02 19:05	VOA OLM 4.2	02-024-1900
1,4-Dichlorobenzene	U	ug/kg	13	06-FEB-02 19:05	VOA OLM 4.2	02-024-1900
1,2-Dichlorobenzene	U	ug/kg	13	06-FEB-02 19:05	VOA OLM 4.2	02-024-1900
1,2-Dibromo-3-chloropropane	U	ug/kg	13	06-FEB-02 19:05	VOA OLM 4.2	02-024-1900
1,2,4-Trichlorobenzene	U	ug/kg	13	06-FEB-02 19:05	VOA OLM 4.2	02-024-1900

Library Search Compounds:	Result	Units	Qual	Retention Time

No library search compounds detected.

Surrogate Recovery:

1,2-Dichloroethane-d4	96	%	02-024-1900
luene-d8	108	%	02-024-1900
Bromofluorobenzene	82	%	02-024-1900

Analysis Comment: Results Calculated on a dry weight basis.

SVOA OLM 4.2

Bis(2-chloroethylether)	U	ug/kg	450	11-FEB-02 11:23	SVOA OLM 4.2	02-011-1138
Benzaldehyde	U	ug/kg	450	11-FEB-02 11:23	SVOA OLM 4.2	02-011-1138
Phenol	U	ug/kg	450	11-FEB-02 11:23	SVOA OLM 4.2	02-011-1138
2-Chlorophenol	U	ug/kg	450	11-FEB-02 11:23	SVOA OLM 4.2	02-011-1138
2-Methylphenol	U	ug/kg	450	11-FEB-02 11:23	SVOA OLM 4.2	02-011-1138
2,2'Oxybis(1-Chloropropane)	U	ug/kg	450	11-FEB-02 11:23	SVOA OLM 4.2	02-011-1138
Hexachloroethane	U	ug/kg	450	11-FEB-02 11:23	SVOA OLM 4.2	02-011-1138
N-Nitrosodi-N-propylamine	U	ug/kg	450	11-FEB-02 11:23	SVOA OLM 4.2	02-011-1138
Acetophenone	U	ug/kg	450	11-FEB-02 11:23	SVOA OLM 4.2	02-011-1138
4-Methylphenol	U	ug/kg	450	11-FEB-02 11:23	SVOA OLM 4.2	02-011-1138
Nitrobenzene	U	ug/kg	450	11-FEB-02 11:23	SVOA OLM 4.2	02-011-1138
Isophorone	U	ug/kg	450	11-FEB-02 11:23	SVOA OLM 4.2	02-011-1138
2-Nitrophenol	U	ug/kg	450	11-FEB-02 11:23	SVOA OLM 4.2	02-011-1138
2,4-Dimethylphenol	U	ug/kg	450	11-FEB-02 11:23	SVOA OLM 4.2	02-011-1138
Bis(2-chloroethoxymethane)	U	ug/kg	450	11-FEB-02 11:23	SVOA OLM 4.2	02-011-1138
2,4-Dichlorophenol	U	ug/kg	450	11-FEB-02 11:23	SVOA OLM 4.2	02-011-1138
Naphthalene	U	ug/kg	450	11-FEB-02 11:23	SVOA OLM 4.2	02-011-1138

Results calculated on a dry weight basis.

QC ear NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: [Signature]
Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 01-MAR-2002

Lab Sample ID: L83167-1

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TP-01-07-9'
Description: GRAB
Sampled On: 30-JAN-02 08:47 by CLIENT
Date Received: 31-JAN-02 14:30
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
4-Chloroaniline	U	ug/kg	450	11-FEB-02 11:23	SVOA OLM 4.2	02-011-1138
Hexachlorobutadiene	U	ug/kg	450	11-FEB-02 11:23	SVOA OLM 4.2	02-011-1138
Caprolactam	U	ug/kg	450	11-FEB-02 11:23	SVOA OLM 4.2	02-011-1138
4-Chloro-3-methylphenol	U	ug/kg	450	11-FEB-02 11:23	SVOA OLM 4.2	02-011-1138
2-Methylnaphthalene	U	ug/kg	450	11-FEB-02 11:23	SVOA OLM 4.2	02-011-1138
Hexachlorocyclopentadiene	U	ug/kg	450	11-FEB-02 11:23	SVOA OLM 4.2	02-011-1138
2,4,6-Trichlorophenol	U	ug/kg	450	11-FEB-02 11:23	SVOA OLM 4.2	02-011-1138
2,4,5-Trichlorophenol	U	ug/kg	1100	11-FEB-02 11:23	SVOA OLM 4.2	02-011-1138
2-Chloronaphthalene	U	ug/kg	450	11-FEB-02 11:23	SVOA OLM 4.2	02-011-1138
1,1'-Biphenyl	U	ug/kg	450	11-FEB-02 11:23	SVOA OLM 4.2	02-011-1138
2-Nitroaniline	U	ug/kg	1100	11-FEB-02 11:23	SVOA OLM 4.2	02-011-1138
Dimethyl phthalate	U	ug/kg	450	11-FEB-02 11:23	SVOA OLM 4.2	02-011-1138
Acenaphthylene	U	ug/kg	450	11-FEB-02 11:23	SVOA OLM 4.2	02-011-1138
2,6-Dinitrotoluene	U	ug/kg	450	11-FEB-02 11:23	SVOA OLM 4.2	02-011-1138
3-Nitroaniline	U	ug/kg	1100	11-FEB-02 11:23	SVOA OLM 4.2	02-011-1138
Acenaphthene	U	ug/kg	450	11-FEB-02 11:23	SVOA OLM 4.2	02-011-1138
2,4-Dinitrophenol	U	ug/kg	1100	11-FEB-02 11:23	SVOA OLM 4.2	02-011-1138
Dibenzofuran	U	ug/kg	450	11-FEB-02 11:23	SVOA OLM 4.2	02-011-1138
2,4-Dinitrotoluene	U	ug/kg	450	11-FEB-02 11:23	SVOA OLM 4.2	02-011-1138
4-Nitrophenol	U	ug/kg	1100	11-FEB-02 11:23	SVOA OLM 4.2	02-011-1138
Diethyl phthalate	U	ug/kg	450	11-FEB-02 11:23	SVOA OLM 4.2	02-011-1138
Styrene	U	ug/kg	450	11-FEB-02 11:23	SVOA OLM 4.2	02-011-1138
4-Chlorophenylphenylether	U	ug/kg	450	11-FEB-02 11:23	SVOA OLM 4.2	02-011-1138
4-Nitroaniline	U	ug/kg	1100	11-FEB-02 11:23	SVOA OLM 4.2	02-011-1138
2-Methyl-4,6-dinitrophenol	U	ug/kg	1100	11-FEB-02 11:23	SVOA OLM 4.2	02-011-1138
N-Nitrosodiphenylamine	U	ug/kg	450	11-FEB-02 11:23	SVOA OLM 4.2	02-011-1138
4-Bromophenylphenylether	U	ug/kg	450	11-FEB-02 11:23	SVOA OLM 4.2	02-011-1138
Hexachlorobenzene	U	ug/kg	450	11-FEB-02 11:23	SVOA OLM 4.2	02-011-1138
Atrazine	U	ug/kg	450	11-FEB-02 11:23	SVOA OLM 4.2	02-011-1138
Pentachlorophenol	U	ug/kg	1100	11-FEB-02 11:23	SVOA OLM 4.2	02-011-1138
Phenanthrene	U	ug/kg	450	11-FEB-02 11:23	SVOA OLM 4.2	02-011-1138
Anthracene	U	ug/kg	450	11-FEB-02 11:23	SVOA OLM 4.2	02-011-1138
Carbazole	U	ug/kg	450	11-FEB-02 11:23	SVOA OLM 4.2	02-011-1138
Di-n-butyl phthalate	U	ug/kg	450	11-FEB-02 11:23	SVOA OLM 4.2	02-011-1138
Fluoranthene	U	ug/kg	450	11-FEB-02 11:23	SVOA OLM 4.2	02-011-1138
Pyrene	U	ug/kg	450	11-FEB-02 11:23	SVOA OLM 4.2	02-011-1138
Butylbenzyl phthalate	U	ug/kg	450	11-FEB-02 11:23	SVOA OLM 4.2	02-011-1138
Benzo(a)anthracene	U	ug/kg	450	11-FEB-02 11:23	SVOA OLM 4.2	02-011-1138
3,3-Dichlorobenzidine	U	ug/kg	450	11-FEB-02 11:23	SVOA OLM 4.2	02-011-1138
Chrysene	U	ug/kg	450	11-FEB-02 11:23	SVOA OLM 4.2	02-011-1138
Bis-2-ethylhexyl phthalate	U	ug/kg	450	11-FEB-02 11:23	SVOA OLM 4.2	02-011-1138
Di-n-octyl phthalate	U	ug/kg	450	11-FEB-02 11:23	SVOA OLM 4.2	02-011-1138
Benzo(b)fluoranthene	U	ug/kg	450	11-FEB-02 11:23	SVOA OLM 4.2	02-011-1138

Results calculated on a dry weight basis.

Page 3 of 4

QC *ea*

NY 10252

NJ 73168

PA 68180

EPA NY 00033

Approved by:

John A. Kent
Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 01-MAR-2002

Lab Sample ID: L83167-1

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TP-01-07-9'
Description: GRAB
Sampled On: 30-JAN-02 08:47 by CLIENT
Date Received: 31-JAN-02 14:30
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Benzo(k)fluoranthene	U	ug/kg	450	11-FEB-02 11:23	SVOA OLM 4.2	02-011-1138
Benzo(a)pyrene	U	ug/kg	450	11-FEB-02 11:23	SVOA OLM 4.2	02-011-1138
Indeno(1,2,3-cd)pyrene	U	ug/kg	450	11-FEB-02 11:23	SVOA OLM 4.2	02-011-1138
Dibenzo(a,h)anthracene	U	ug/kg	450	11-FEB-02 11:23	SVOA OLM 4.2	02-011-1138
Benzo(g,h,i)perylene	U	ug/kg	450	11-FEB-02 11:23	SVOA OLM 4.2	02-011-1138

Extraction Information:

01-FEB-02 00:00

01-133-74

Library Search Compounds:	Result	Units	Qual	Retention Time
1-Decene	110	ug/kg	NJ	18.77
Hexadecanoic Acid	110	ug/kg	NJB	25.78

Library Search Comment: 2 library search compounds detected.

Surrogate Recovery:

2-Fluorophenol	63	%		02-011-1138
Phenol-d5	56	%		02-011-1138
Chlorophenol-d4	67	%		02-011-1138
1,2-Dichlorobenzene-d4	49	%		02-011-1138
Nitrobenzene-d5	55	%		02-011-1138
2-Fluorobiphenyl	60	%		02-011-1138
2,4,6-Tribromophenol	64	%		02-011-1138
Terphenyl-d14	57	%		02-011-1138

Analysis Comment: Results Calculated on a dry weight basis.

Results calculated on a dry weight basis.

QC ear NY 10252 NJ 73168 PA 68180 EPA NY 00033

Page 4 of 4

Approved by: 
Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 01-MAR-2002

Lab Sample ID: L83167-7

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TP-01-8-4
Description: GRAB
Sampled On: 31-JAN-02 10:30 by CLIENT
Date Received: 02-FEB-02 15:20
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	43.7	%		04-FEB-02 00:00	CLP 3.0	01-202-30
VOA OLM 4.2						
Chloromethane	U	ug/kg	20	06-FEB-02 14:37	VOA OLM 4.2	02-024-1892
Dichlorodifluoromethane	U	ug/kg	20	06-FEB-02 14:37	VOA OLM 4.2	02-024-1892
Bromomethane	U	ug/kg	20	06-FEB-02 14:37	VOA OLM 4.2	02-024-1892
Vinyl chloride	U	ug/kg	20	06-FEB-02 14:37	VOA OLM 4.2	02-024-1892
Chloroethane	U	ug/kg	20	06-FEB-02 14:37	VOA OLM 4.2	02-024-1892
Trichlorofluoromethane	U	ug/kg	20	06-FEB-02 14:37	VOA OLM 4.2	02-024-1892
Methylene chloride	U	ug/kg	20	06-FEB-02 14:37	VOA OLM 4.2	02-024-1892
Acetone	U	ug/kg	20	06-FEB-02 14:37	VOA OLM 4.2	02-024-1892
Carbon disulfide	U	ug/kg	20	06-FEB-02 14:37	VOA OLM 4.2	02-024-1892
Methyl Acetate	U	ug/kg	20	06-FEB-02 14:37	VOA OLM 4.2	02-024-1892
1,1-Dichloroethane	U	ug/kg	20	06-FEB-02 14:37	VOA OLM 4.2	02-024-1892
trans-1,2-Dichloroethene	U	ug/kg	20	06-FEB-02 14:37	VOA OLM 4.2	02-024-1892
MTBE(Methyl tert-butyl ether)	U	ug/kg	20	06-FEB-02 14:37	VOA OLM 4.2	02-024-1892
1,1-Dichloroethane	U	ug/kg	20	06-FEB-02 14:37	VOA OLM 4.2	02-024-1892
1,1,2-Trichloro-1,2,2-trifluoroethane	U	ug/kg	20	06-FEB-02 14:37	VOA OLM 4.2	02-024-1892
cis-1,2-Dichloroethene	U	ug/kg	20	06-FEB-02 14:37	VOA OLM 4.2	02-024-1892
2-Butanone	U	ug/kg	20	06-FEB-02 14:37	VOA OLM 4.2	02-024-1892
Chloroform	U	ug/kg	20	06-FEB-02 14:37	VOA OLM 4.2	02-024-1892
1,1,1-Trichloroethane	U	ug/kg	20	06-FEB-02 14:37	VOA OLM 4.2	02-024-1892
Cyclohexane	U	ug/kg	20	06-FEB-02 14:37	VOA OLM 4.2	02-024-1892
Carbon tetrachloride	U	ug/kg	20	06-FEB-02 14:37	VOA OLM 4.2	02-024-1892
Benzene	U	ug/kg	20	06-FEB-02 14:37	VOA OLM 4.2	02-024-1892
1,2-Dichloroethane	U	ug/kg	20	06-FEB-02 14:37	VOA OLM 4.2	02-024-1892
Trichloroethene	U	ug/kg	20	06-FEB-02 14:37	VOA OLM 4.2	02-024-1892
Methylcyclohexane	U	ug/kg	20	06-FEB-02 14:37	VOA OLM 4.2	02-024-1892
1,2-Dichloropropane	U	ug/kg	20	06-FEB-02 14:37	VOA OLM 4.2	02-024-1892
Bromodichloromethane	U	ug/kg	20	06-FEB-02 14:37	VOA OLM 4.2	02-024-1892
cis-1,3-Dichloropropene	U	ug/kg	20	06-FEB-02 14:37	VOA OLM 4.2	02-024-1892
MIBK(4-Methyl-2-pentanone)	U	ug/kg	20	06-FEB-02 14:37	VOA OLM 4.2	02-024-1892
Toluene	U	ug/kg	20	06-FEB-02 14:37	VOA OLM 4.2	02-024-1892
trans-1,3-Dichloropropene	U	ug/kg	20	06-FEB-02 14:37	VOA OLM 4.2	02-024-1892
1,1,2-Trichloroethane	U	ug/kg	20	06-FEB-02 14:37	VOA OLM 4.2	02-024-1892
Tetrachloroethene	U	ug/kg	20	06-FEB-02 14:37	VOA OLM 4.2	02-024-1892
2-Hexanone	U	ug/kg	20	06-FEB-02 14:37	VOA OLM 4.2	02-024-1892
Dibromochloromethane	U	ug/kg	20	06-FEB-02 14:37	VOA OLM 4.2	02-024-1892
1,2-Dibromoethane	U	ug/kg	20	06-FEB-02 14:37	VOA OLM 4.2	02-024-1892
Chlorobenzene	U	ug/kg	20	06-FEB-02 14:37	VOA OLM 4.2	02-024-1892
Ethylbenzene	U	ug/kg	20	06-FEB-02 14:37	VOA OLM 4.2	02-024-1892

Results calculated on a dry weight basis.

QC *ear*

NY 10252

NJ 73168

PA 68180

EPA NY 00033

Approved by:

John A. Hunt
Lab Director

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mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 01-MAR-2002

Lab Sample ID: L83167-7

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TP-01-8-4
Description: GRAB
Sampled On: 31-JAN-02 10:30 by CLIENT
Date Received: 02-FEB-02 15:20
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
p-Xylene/m-Xylene	U	ug/kg	20	06-FEB-02 14:37	VOA OLM 4.2	02-024-1892
o-Xylene	U	ug/kg	20	06-FEB-02 14:37	VOA OLM 4.2	02-024-1892
Styrene	U	ug/kg	20	06-FEB-02 14:37	VOA OLM 4.2	02-024-1892
Bromoform	U	ug/kg	20	06-FEB-02 14:37	VOA OLM 4.2	02-024-1892
Isopropylbenzene	U	ug/kg	20	06-FEB-02 14:37	VOA OLM 4.2	02-024-1892
1,1,2,2-Tetrachloroethane	U	ug/kg	20	06-FEB-02 14:37	VOA OLM 4.2	02-024-1892
1,3-Dichlorobenzene	U	ug/kg	20	06-FEB-02 14:37	VOA OLM 4.2	02-024-1892
1,4-Dichlorobenzene	U	ug/kg	20	06-FEB-02 14:37	VOA OLM 4.2	02-024-1892
1,2-Dichlorobenzene	U	ug/kg	20	06-FEB-02 14:37	VOA OLM 4.2	02-024-1892
1,2-Dibromo-3-chloropropane	U	ug/kg	20	06-FEB-02 14:37	VOA OLM 4.2	02-024-1892
1,2,4-Trichlorobenzene	U	ug/kg	20	06-FEB-02 14:37	VOA OLM 4.2	02-024-1892

Library Search Compounds:	Result	Units	Qual	Retention Time

No library search compounds detected.

Surrogate Recovery:

1,2-Dichloroethane-d4	97	%		02-024-1892
toluene-d8	118	%		02-024-1892
Bromofluorobenzene	82	%		02-024-1892

Analysis Comment: Results Calculated on a dry weight basis.

SVOA OLM 4.2

Bis(2-chloroethylether)	U	ug/kg	760	08-FEB-02 15:55	SVOA OLM 4.2	01-172-3466
Benzaldehyde	U	ug/kg	760	08-FEB-02 15:55	SVOA OLM 4.2	01-172-3466
Phenol	U	ug/kg	760	08-FEB-02 15:55	SVOA OLM 4.2	01-172-3466
2-Chlorophenol	U	ug/kg	760	08-FEB-02 15:55	SVOA OLM 4.2	01-172-3466
2-Methylphenol	U	ug/kg	760	08-FEB-02 15:55	SVOA OLM 4.2	01-172-3466
2,2'Oxybis(1-Chloropropane)	U	ug/kg	760	08-FEB-02 15:55	SVOA OLM 4.2	01-172-3466
Hexachloroethane	U	ug/kg	760	08-FEB-02 15:55	SVOA OLM 4.2	01-172-3466
N-Nitrosodi-N-propylamine	U	ug/kg	760	08-FEB-02 15:55	SVOA OLM 4.2	01-172-3466
Acetophenone	U	ug/kg	760	08-FEB-02 15:55	SVOA OLM 4.2	01-172-3466
4-Methylphenol	U	ug/kg	760	08-FEB-02 15:55	SVOA OLM 4.2	01-172-3466
Nitrobenzene	U	ug/kg	760	08-FEB-02 15:55	SVOA OLM 4.2	01-172-3466
Isophorone	U	ug/kg	760	08-FEB-02 15:55	SVOA OLM 4.2	01-172-3466
2-Nitrophenol	U	ug/kg	760	08-FEB-02 15:55	SVOA OLM 4.2	01-172-3466
2,4-Dimethylphenol	U	ug/kg	760	08-FEB-02 15:55	SVOA OLM 4.2	01-172-3466
Bis(2-chloroethoxymethane)	U	ug/kg	760	08-FEB-02 15:55	SVOA OLM 4.2	01-172-3466
2,4-Dichlorophenol	U	ug/kg	760	08-FEB-02 15:55	SVOA OLM 4.2	01-172-3466
Naphthalene	U	ug/kg	760	08-FEB-02 15:55	SVOA OLM 4.2	01-172-3466

Results calculated on a dry weight basis.

QC *car*

NY 10252

NJ 73168

PA 68180

Page 2 of 4
EPA NY 00033

Approved by:

John M. Hunt
Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
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Date: 01-MAR-2002

Lab Sample ID: L83167-7

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TP-01-8-4'
Description: GRAB
Sampled On: 31-JAN-02 10:30 by CLIENT
Date Received: 02-FEB-02 15:20
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
4-Chloroaniline	U	ug/kg	760	08-FEB-02 15:55	SVOA OLM 4.2	01-172-3466
Hexachlorobutadiene	U	ug/kg	760	08-FEB-02 15:55	SVOA OLM 4.2	01-172-3466
Caprolactam	U	ug/kg	760	08-FEB-02 15:55	SVOA OLM 4.2	01-172-3466
4-Chloro-3-methylphenol	U	ug/kg	760	08-FEB-02 15:55	SVOA OLM 4.2	01-172-3466
2-Methylnaphthalene	U	ug/kg	760	08-FEB-02 15:55	SVOA OLM 4.2	01-172-3466
Hexachlorocyclopentadiene	U	ug/kg	760	08-FEB-02 15:55	SVOA OLM 4.2	01-172-3466
2,4,6-Trichlorophenol	U	ug/kg	760	08-FEB-02 15:55	SVOA OLM 4.2	01-172-3466
2,4,5-Trichlorophenol	U	ug/kg	1900	08-FEB-02 15:55	SVOA OLM 4.2	01-172-3466
2-Chloronaphthalene	U	ug/kg	760	08-FEB-02 15:55	SVOA OLM 4.2	01-172-3466
1,1'-Biphenyl	U	ug/kg	760	08-FEB-02 15:55	SVOA OLM 4.2	01-172-3466
2-Nitroaniline	U	ug/kg	1900	08-FEB-02 15:55	SVOA OLM 4.2	01-172-3466
Dimethyl phthalate	U	ug/kg	760	08-FEB-02 15:55	SVOA OLM 4.2	01-172-3466
Acenaphthylene	U	ug/kg	760	08-FEB-02 15:55	SVOA OLM 4.2	01-172-3466
2,6-Dinitrotoluene	U	ug/kg	760	08-FEB-02 15:55	SVOA OLM 4.2	01-172-3466
3-Nitroaniline	U	ug/kg	1900	08-FEB-02 15:55	SVOA OLM 4.2	01-172-3466
Acenaphthene	U	ug/kg	760	08-FEB-02 15:55	SVOA OLM 4.2	01-172-3466
2,4-Dinitrophenol	U	ug/kg	1900	08-FEB-02 15:55	SVOA OLM 4.2	01-172-3466
Dibenzofuran	U	ug/kg	760	08-FEB-02 15:55	SVOA OLM 4.2	01-172-3466
2,4-Dinitrotoluene	U	ug/kg	760	08-FEB-02 15:55	SVOA OLM 4.2	01-172-3466
4-Nitrophenol	U	ug/kg	1900	08-FEB-02 15:55	SVOA OLM 4.2	01-172-3466
Diethyl phthalate	U	ug/kg	760	08-FEB-02 15:55	SVOA OLM 4.2	01-172-3466
fluorene	U	ug/kg	760	08-FEB-02 15:55	SVOA OLM 4.2	01-172-3466
4-Chlorophenylphenylether	U	ug/kg	760	08-FEB-02 15:55	SVOA OLM 4.2	01-172-3466
4-Nitroaniline	U	ug/kg	1900	08-FEB-02 15:55	SVOA OLM 4.2	01-172-3466
2-Methyl-4,6-dinitrophenol	U	ug/kg	1900	08-FEB-02 15:55	SVOA OLM 4.2	01-172-3466
N-Nitrosodiphenylamine	U	ug/kg	760	08-FEB-02 15:55	SVOA OLM 4.2	01-172-3466
4-Bromophenylphenylether	U	ug/kg	760	08-FEB-02 15:55	SVOA OLM 4.2	01-172-3466
Hexachlorobenzene	U	ug/kg	760	08-FEB-02 15:55	SVOA OLM 4.2	01-172-3466
Atrazine	U	ug/kg	760	08-FEB-02 15:55	SVOA OLM 4.2	01-172-3466
Pentachlorophenol	U	ug/kg	1900	08-FEB-02 15:55	SVOA OLM 4.2	01-172-3466
Phenanthrene	U	ug/kg	760	08-FEB-02 15:55	SVOA OLM 4.2	01-172-3466
Anthracene	U	ug/kg	760	08-FEB-02 15:55	SVOA OLM 4.2	01-172-3466
Carbazole	U	ug/kg	760	08-FEB-02 15:55	SVOA OLM 4.2	01-172-3466
Di-n-butyl phthalate	U	ug/kg	760	08-FEB-02 15:55	SVOA OLM 4.2	01-172-3466
Fluoranthene	U	ug/kg	760	08-FEB-02 15:55	SVOA OLM 4.2	01-172-3466
Pyrene	U	ug/kg	760	08-FEB-02 15:55	SVOA OLM 4.2	01-172-3466
Butylbenzyl phthalate	U	ug/kg	760	08-FEB-02 15:55	SVOA OLM 4.2	01-172-3466
Benzo(a)anthracene	U	ug/kg	760	08-FEB-02 15:55	SVOA OLM 4.2	01-172-3466
3,3-Dichlorobenzidine	U	ug/kg	760	08-FEB-02 15:55	SVOA OLM 4.2	01-172-3466
Chrysene	U	ug/kg	760	08-FEB-02 15:55	SVOA OLM 4.2	01-172-3466
Bis-2-ethylhexyl phthalate	U	ug/kg	760	08-FEB-02 15:55	SVOA OLM 4.2	01-172-3466
Di-n-octyl phthalate	U	ug/kg	760	08-FEB-02 15:55	SVOA OLM 4.2	01-172-3466
Benzo(b)fluoranthene	U	ug/kg	760	08-FEB-02 15:55	SVOA OLM 4.2	01-172-3466

Results calculated on a dry weight basis.

Page 3 of 4

QC vak NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: John P. Kent
Lab Director

:	ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
:	mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
:	B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 01-MAR-2002

Lab Sample ID: L83167-7

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TP-01-8-4
Description: GRAB
Sampled On: 31-JAN-02 10:30 by CLIENT
Date Received: 02-FEB-02 15:20
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Benzo(k)fluoranthene	U	ug/kg	760	08-FEB-02 15:55	SVOA OLM 4.2	01-172-3466
Benzo(a)pyrene	U	ug/kg	760	08-FEB-02 15:55	SVOA OLM 4.2	01-172-3466
Indeno(1,2,3-cd)pyrene	U	ug/kg	760	08-FEB-02 15:55	SVOA OLM 4.2	01-172-3466
Dibenzo(a,h)anthracene	U	ug/kg	760	08-FEB-02 15:55	SVOA OLM 4.2	01-172-3466
Benzo(g,h,i)perylene	U	ug/kg	760	08-FEB-02 15:55	SVOA OLM 4.2	01-172-3466

Extraction Information:

04-FEB-02 00:00

01-133-75

Library Search Compounds:	Result	Units	Qual	Retention Time
Unknown	310	ug/kg	NB	18.85
Hexadecanoic Acid	210	ug/kg	NJ	25.85
Unknown	400	ug/kg	J	35.23
Unknown	800	ug/kg	J	35.79
17-Octadecenal	400	ug/kg	NJ	37.01
Unknown	190	ug/kg	J	38.79

Library Search Comment: 6 library search compounds detected.

Surrogate Recovery:

2-Fluorophenol	56	%		01-172-3466
Phenol-d5	61	%		01-172-3466
2-Chlorophenol-d4	67	%		01-172-3466
1,2-Dichlorobenzene-d4	44	%		01-172-3466
Nitrobenzene-d5	50	%		01-172-3466
2-Fluorobiphenyl	52	%		01-172-3466
2,4,6-Tribromophenol	64	%		01-172-3466
Terphenyl-d14	55	%		01-172-3466

Analysis Comment: Results Calculated on a dry weight basis.

Results calculated on a dry weight basis.

QC eak

NY 10252

NJ 73168

PA 68180

Page 4 of 4
EPA NY 00033

Approved by:

Lab Director

:	ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
	mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 01-MAR-2002

Lab Sample ID: L83167-12

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: HL-1 SILTY SAND
Description: GRAB
Sampled On: 31-JAN-02 14:44 by CLIENT
Date Received: 02-FEB-02 15:20
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	81.8	%		04-FEB-02 00:00	CLP 3.0	01-202-30
Arsenic	0.97 B	mg/kg	0.240	07-FEB-02 00:00	EPA 206.2 CLPM	01-178-32
Barium	51.3 J	mg/kg	0.237	07-FEB-02 05:51	EPA 200.7 CLPM	02-017-01
Cadmium	1.04	mg/kg	0.593	08-FEB-02 08:00	EPA 200.7 CLPM	02-017-02
Chromium	6.46	mg/kg	1.19	07-FEB-02 05:51	EPA 200.7 CLPM	02-017-01
Lead	11 J	mg/kg	2.40	12-FEB-02 00:00	EPA 239.2 CLPM	01-016-11
Mercury	0.039 B	mg/kg	0.0270	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	U R	mg/kg	1.80	15-FEB-02 00:00	EPA 270.2 CLPM	01-180-30
Silver	U	mg/kg	0.831	07-FEB-02 05:51	EPA 200.7 CLPM	02-017-01

VOA OLM 4.2

Chloromethane	U	ug/kg	11	07-FEB-02 00:30	VOA OLM 4.2	02-024-1910
Dichlorodifluoromethane	U	ug/kg	11	07-FEB-02 00:30	VOA OLM 4.2	02-024-1910
Bromomethane	U	ug/kg	11	07-FEB-02 00:30	VOA OLM 4.2	02-024-1910
Vinyl chloride	U	ug/kg	11	07-FEB-02 00:30	VOA OLM 4.2	02-024-1910
Chloroethane	U	ug/kg	11	07-FEB-02 00:30	VOA OLM 4.2	02-024-1910
Trichlorofluoromethane	U	ug/kg	11	07-FEB-02 00:30	VOA OLM 4.2	02-024-1910
Methylene chloride	U	ug/kg	11	07-FEB-02 00:30	VOA OLM 4.2	02-024-1910
Acetone	U	ug/kg	11	07-FEB-02 00:30	VOA OLM 4.2	02-024-1910
Carbon disulfide	U	ug/kg	11	07-FEB-02 00:30	VOA OLM 4.2	02-024-1910
Methyl Acetate	U	ug/kg	11	07-FEB-02 00:30	VOA OLM 4.2	02-024-1910
1,1-Dichloroethene	U	ug/kg	11	07-FEB-02 00:30	VOA OLM 4.2	02-024-1910
trans-1,2-Dichloroethene	U	ug/kg	11	07-FEB-02 00:30	VOA OLM 4.2	02-024-1910
MTBE(Methyl tert-butyl ether)	U	ug/kg	11	07-FEB-02 00:30	VOA OLM 4.2	02-024-1910
1,1-Dichloroethane	U	ug/kg	11	07-FEB-02 00:30	VOA OLM 4.2	02-024-1910
1,1,2-Trichloro-1,2,2-trifluoroethane	U	ug/kg	11	07-FEB-02 00:30	VOA OLM 4.2	02-024-1910
cis-1,2-Dichloroethene	U	ug/kg	11	07-FEB-02 00:30	VOA OLM 4.2	02-024-1910
MEK(2-Butanone)	U	ug/kg	11	07-FEB-02 00:30	VOA OLM 4.2	02-024-1910
Chloroform	U	ug/kg	11	07-FEB-02 00:30	VOA OLM 4.2	02-024-1910
1,1,1-Trichloroethane	U	ug/kg	11	07-FEB-02 00:30	VOA OLM 4.2	02-024-1910
Cyclohexane	U	ug/kg	11	07-FEB-02 00:30	VOA OLM 4.2	02-024-1910
Carbon tetrachloride	U	ug/kg	11	07-FEB-02 00:30	VOA OLM 4.2	02-024-1910
Benzene	U	ug/kg	11	07-FEB-02 00:30	VOA OLM 4.2	02-024-1910

Results calculated on a dry weight basis.

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)	mg/kg	= milligrams per kilogram (equivalent to parts per million)	
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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 01-MAR-2002

Lab Sample ID: L83167-12

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: HL-1 SILTY SAND
Description: GRAB
Sampled On: 31-JAN-02 14:44 by CLIENT
Date Received: 02-FEB-02 15:20
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
1,2-Dichloroethane	U	ug/kg	11	07-FEB-02 00:30	VOA OLM 4.2	02-024-1910
Trichloroethene	U	ug/kg	11	07-FEB-02 00:30	VOA OLM 4.2	02-024-1910
Methylcyclohexane	U	ug/kg	11	07-FEB-02 00:30	VOA OLM 4.2	02-024-1910
1,2-Dichloropropane	U	ug/kg	11	07-FEB-02 00:30	VOA OLM 4.2	02-024-1910
Bromodichloromethane	U	ug/kg	11	07-FEB-02 00:30	VOA OLM 4.2	02-024-1910
cis-1,3-Dichloropropene	U	ug/kg	11	07-FEB-02 00:30	VOA OLM 4.2	02-024-1910
MIBK(4-Methyl-2-pentanone)	U	ug/kg	11	07-FEB-02 00:30	VOA OLM 4.2	02-024-1910
Toluene	U	ug/kg	11	07-FEB-02 00:30	VOA OLM 4.2	02-024-1910
trans-1,3-Dichloropropene	U	ug/kg	11	07-FEB-02 00:30	VOA OLM 4.2	02-024-1910
1,1,2-Trichloroethane	U	ug/kg	11	07-FEB-02 00:30	VOA OLM 4.2	02-024-1910
Tetrachloroethene	U	ug/kg	11	07-FEB-02 00:30	VOA OLM 4.2	02-024-1910
2-Hexanone	U	ug/kg	11	07-FEB-02 00:30	VOA OLM 4.2	02-024-1910
Dibromochloromethane	U	ug/kg	11	07-FEB-02 00:30	VOA OLM 4.2	02-024-1910
1,2-Dibromoethane	U	ug/kg	11	07-FEB-02 00:30	VOA OLM 4.2	02-024-1910
Chlorobenzene	U	ug/kg	11	07-FEB-02 00:30	VOA OLM 4.2	02-024-1910
Ethylbenzene	U	ug/kg	11	07-FEB-02 00:30	VOA OLM 4.2	02-024-1910
p-Xylene/m-Xylene	U	ug/kg	11	07-FEB-02 00:30	VOA OLM 4.2	02-024-1910
o-Xylene	U	ug/kg	11	07-FEB-02 00:30	VOA OLM 4.2	02-024-1910
Styrene	U	ug/kg	11	07-FEB-02 00:30	VOA OLM 4.2	02-024-1910
Bromoform	U	ug/kg	11	07-FEB-02 00:30	VOA OLM 4.2	02-024-1910
Isopropylbenzene	U	ug/kg	11	07-FEB-02 00:30	VOA OLM 4.2	02-024-1910
1,2,2-Tetrachloroethane	U	ug/kg	11	07-FEB-02 00:30	VOA OLM 4.2	02-024-1910
1,3-Dichlorobenzene	U	ug/kg	11	07-FEB-02 00:30	VOA OLM 4.2	02-024-1910
1,4-Dichlorobenzene	U	ug/kg	11	07-FEB-02 00:30	VOA OLM 4.2	02-024-1910
1,2-Dichlorobenzene	U	ug/kg	11	07-FEB-02 00:30	VOA OLM 4.2	02-024-1910
1,2-Dibromo-3-chloropropane	U	ug/kg	11	07-FEB-02 00:30	VOA OLM 4.2	02-024-1910
1,2,4-Trichlorobenzene	U	ug/kg	11	07-FEB-02 00:30	VOA OLM 4.2	02-024-1910

Library Search Compounds:	Result	Units	Qual	Retention Time

No library search compounds detected.

Surrogate Recovery:

1,2-Dichloroethane-d4	106	%	02-024-1910
Toluene-d8	124	%	02-024-1910
4-Bromofluorobenzene	74	%	02-024-1910

Analysis Comment: Results Calculated on a dry weight basis. Internal standard 3 recovery below limits. Confirmed by file D1897.

Results calculated on a dry weight basis.

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 01-MAR-2002

Lab Sample ID: L83167-12

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: HL-1 SILTY SAND
Description: GRAB
Sampled On: 31-JAN-02 14:44 by CLIENT
Date Received: 02-FEB-02 15:20
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
PCB OLM 4.2						
PCB 1016	U	ug/kg	20	06-FEB-02 00:00	PCB OLM 4.2	02-006-5155
PCB 1221	U	ug/kg	41	06-FEB-02 00:00	PCB OLM 4.2	02-006-5155
PCB 1232	U	ug/kg	20	06-FEB-02 00:00	PCB OLM 4.2	02-006-5155
PCB 1242	U	ug/kg	20	06-FEB-02 00:00	PCB OLM 4.2	02-006-5155
PCB 1248	U	ug/kg	20	06-FEB-02 00:00	PCB OLM 4.2	02-006-5155
PCB 1254	U	ug/kg	20	06-FEB-02 00:00	PCB OLM 4.2	02-006-5155
PCB 1260	U	ug/kg	20	06-FEB-02 00:00	PCB OLM 4.2	02-006-5155

Extraction Information:

06-FEB-02 00:00

01-194-49

Surrogate Recovery:

Tetrachloro-m-xylene
Decachlorobiphenyl

90
128

%
%

02-006-5155
02-006-5155

SVOA OLM 4.2

Bis(2-chloroethylether)	U	ug/kg	410	11-FEB-02 20:08	SVOA OLM 4.2	02-011-1148
Benzaldehyde	U	ug/kg	410	11-FEB-02 20:08	SVOA OLM 4.2	02-011-1148
Phenol	U	ug/kg	410	11-FEB-02 20:08	SVOA OLM 4.2	02-011-1148
Chlorophenol	U	ug/kg	410	11-FEB-02 20:08	SVOA OLM 4.2	02-011-1148
4-Methylphenol	U	ug/kg	410	11-FEB-02 20:08	SVOA OLM 4.2	02-011-1148
2,2'Oxybis(1-Chloropropane)	U	ug/kg	410	11-FEB-02 20:08	SVOA OLM 4.2	02-011-1148
Hexachloroethane	U	ug/kg	410	11-FEB-02 20:08	SVOA OLM 4.2	02-011-1148
N-Nitrosodi-N-propylamine	U	ug/kg	410	11-FEB-02 20:08	SVOA OLM 4.2	02-011-1148
Acetophenone	U	ug/kg	410	11-FEB-02 20:08	SVOA OLM 4.2	02-011-1148
4-Methylphenol	U	ug/kg	410	11-FEB-02 20:08	SVOA OLM 4.2	02-011-1148
Nitrobenzene	U	ug/kg	410	11-FEB-02 20:08	SVOA OLM 4.2	02-011-1148
Isophorone	U	ug/kg	410	11-FEB-02 20:08	SVOA OLM 4.2	02-011-1148
2-Nitrophenol	U	ug/kg	410	11-FEB-02 20:08	SVOA OLM 4.2	02-011-1148
2,4-Dimethylphenol	U	ug/kg	410	11-FEB-02 20:08	SVOA OLM 4.2	02-011-1148
Bis(2-chloroethoxymethane)	U	ug/kg	410	11-FEB-02 20:08	SVOA OLM 4.2	02-011-1148
2,4-Dichlorophenol	U	ug/kg	410	11-FEB-02 20:08	SVOA OLM 4.2	02-011-1148
Naphthalene	U	ug/kg	410	11-FEB-02 20:08	SVOA OLM 4.2	02-011-1148
4-Chloroaniline	U	ug/kg	410	11-FEB-02 20:08	SVOA OLM 4.2	02-011-1148
Hexachlorobutadiene	U	ug/kg	410	11-FEB-02 20:08	SVOA OLM 4.2	02-011-1148
Caprolactam	U	ug/kg	410	11-FEB-02 20:08	SVOA OLM 4.2	02-011-1148
4-Chloro-3-methylphenol	U	ug/kg	410	11-FEB-02 20:08	SVOA OLM 4.2	02-011-1148
2-Methylnaphthalene	U	ug/kg	410	11-FEB-02 20:08	SVOA OLM 4.2	02-011-1148
Hexachlorocyclopentadiene	U	ug/kg	410	11-FEB-02 20:08	SVOA OLM 4.2	02-011-1148
2,4,6-Trichlorophenol	U	ug/kg	410	11-FEB-02 20:08	SVOA OLM 4.2	02-011-1148
2,4,5-Trichlorophenol	U	ug/kg	1000	11-FEB-02 20:08	SVOA OLM 4.2	02-011-1148
2-Chloronaphthalene	U	ug/kg	410	11-FEB-02 20:08	SVOA OLM 4.2	02-011-1148

Results calculated on a dry weight basis.

QC ear

NY 10252

NJ 73168

PA 68180

Page 3 of 5
EPA NY 00033

Approved by: John O. Kent
Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
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WAVERLY, NY 14892-1532
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Date: 01-MAR-2002

Lab Sample ID: L83167-12

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: HL-1 SILTY SAND
Description: GRAB
Sampled On: 31-JAN-02 14:44 by CLIENT
Date Received: 02-FEB-02 15:20
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
1,1'-Biphenyl	U	ug/kg	410	11-FEB-02 20:08	SVOA OLM 4.2	02-011-1148
2-Nitroaniline	U	ug/kg	1000	11-FEB-02 20:08	SVOA OLM 4.2	02-011-1148
Dimethyl phthalate	U	ug/kg	410	11-FEB-02 20:08	SVOA OLM 4.2	02-011-1148
Acenaphthylene	U	ug/kg	410	11-FEB-02 20:08	SVOA OLM 4.2	02-011-1148
2,6-Dinitrotoluene	U	ug/kg	410	11-FEB-02 20:08	SVOA OLM 4.2	02-011-1148
3-Nitroaniline	U	ug/kg	1000	11-FEB-02 20:08	SVOA OLM 4.2	02-011-1148
Acenaphthene	U	ug/kg	410	11-FEB-02 20:08	SVOA OLM 4.2	02-011-1148
2,4-Dinitrophenol	U	ug/kg	1000	11-FEB-02 20:08	SVOA OLM 4.2	02-011-1148
Dibenzofuran	U	ug/kg	410	11-FEB-02 20:08	SVOA OLM 4.2	02-011-1148
2,4-Dinitrotoluene	U	ug/kg	410	11-FEB-02 20:08	SVOA OLM 4.2	02-011-1148
4-Nitrophenol	U	ug/kg	1000	11-FEB-02 20:08	SVOA OLM 4.2	02-011-1148
Diethyl phthalate	U	ug/kg	410	11-FEB-02 20:08	SVOA OLM 4.2	02-011-1148
Fluorene	U	ug/kg	410	11-FEB-02 20:08	SVOA OLM 4.2	02-011-1148
4-Chlorophenylphenylether	U	ug/kg	410	11-FEB-02 20:08	SVOA OLM 4.2	02-011-1148
4-Nitroaniline	U	ug/kg	1000	11-FEB-02 20:08	SVOA OLM 4.2	02-011-1148
2-Methyl-4,6-dinitrophenol	U	ug/kg	1000	11-FEB-02 20:08	SVOA OLM 4.2	02-011-1148
N-Nitrosodiphenylamine	U	ug/kg	410	11-FEB-02 20:08	SVOA OLM 4.2	02-011-1148
4-Bromophenylphenylether	U	ug/kg	410	11-FEB-02 20:08	SVOA OLM 4.2	02-011-1148
Hexachlorobenzene	U	ug/kg	410	11-FEB-02 20:08	SVOA OLM 4.2	02-011-1148
Atrazine	U	ug/kg	410	11-FEB-02 20:08	SVOA OLM 4.2	02-011-1148
Pentachlorophenol	U	ug/kg	1000	11-FEB-02 20:08	SVOA OLM 4.2	02-011-1148
Benanthrene	U	ug/kg	410	11-FEB-02 20:08	SVOA OLM 4.2	02-011-1148
Anthracene	U	ug/kg	410	11-FEB-02 20:08	SVOA OLM 4.2	02-011-1148
Carbazole	U	ug/kg	410	11-FEB-02 20:08	SVOA OLM 4.2	02-011-1148
Di-n-butyl phthalate	U	ug/kg	410	11-FEB-02 20:08	SVOA OLM 4.2	02-011-1148
Fluoranthene	U	ug/kg	410	11-FEB-02 20:08	SVOA OLM 4.2	02-011-1148
Pyrene	U	ug/kg	410	11-FEB-02 20:08	SVOA OLM 4.2	02-011-1148
Butylbenzyl phthalate	U	ug/kg	410	11-FEB-02 20:08	SVOA OLM 4.2	02-011-1148
Benzo(a)anthracene	U	ug/kg	410	11-FEB-02 20:08	SVOA OLM 4.2	02-011-1148
3,3-Dichlorobenzidine	U	ug/kg	410	11-FEB-02 20:08	SVOA OLM 4.2	02-011-1148
Chrysene	U	ug/kg	410	11-FEB-02 20:08	SVOA OLM 4.2	02-011-1148
Bis-2-ethylhexyl phthalate	66 J J	ug/kg	410	11-FEB-02 20:08	SVOA OLM 4.2	02-011-1148
Di-n-octyl phthalate	U	ug/kg	410	11-FEB-02 20:08	SVOA OLM 4.2	02-011-1148
Benzo(b)fluoranthene	U	ug/kg	410	11-FEB-02 20:08	SVOA OLM 4.2	02-011-1148
Benzo(k)fluoranthene	U	ug/kg	410	11-FEB-02 20:08	SVOA OLM 4.2	02-011-1148
Benzo(a)pyrene	U	ug/kg	410	11-FEB-02 20:08	SVOA OLM 4.2	02-011-1148
Indeno(1,2,3-cd)pyrene	U	ug/kg	410	11-FEB-02 20:08	SVOA OLM 4.2	02-011-1148
Dibenzo(a,h)anthracene	U	ug/kg	410	11-FEB-02 20:08	SVOA OLM 4.2	02-011-1148
Benzo(g,h,i)perylene	U	ug/kg	410	11-FEB-02 20:08	SVOA OLM 4.2	02-011-1148

Results calculated on a dry weight basis.

i	ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
	mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
	B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 01-MAR-2002

Lab Sample ID: L83167-12

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: HL-1 SILTY SAND
Description: GRAB
Sampled On: 31-JAN-02 14:44 by CLIENT
Date Received: 02-FEB-02 15:20
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference

Extraction Information:

04-FEB-02 00:00

01-133-75

Library Search Compounds:	Result	Units	Qual	Retention Time

(E)-7-Tetradecene	87	ug/kg	NJ	18.83

Library Search Comment: 1 library search compound detected.

Surrogate Recovery:

2-Fluorophenol	64	%		02-011-1148
Phenol-d5	56	%		02-011-1148
2-Chlorophenol-d4	67	%		02-011-1148
1,2-Dichlorobenzene-d4	49	%		02-011-1148
Nitrobenzene-d5	61	%		02-011-1148
2-Fluorobiphenyl	70	%		02-011-1148
2,4,6-Tribromophenol	71	%		02-011-1148
Terphenyl-d14	92	%		02-011-1148

Analysis Comment: Results Calculated on a dry weight basis. Int std 5,6 below limit, confirm file #A3472.

Results calculated on a dry weight basis.

QC OK NY 10252 NJ 73168 PA 68180 EPA NY 00033

Page 5 of 5

Approved by: John O'Keefe
Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 01-MAR-2002

Lab Sample ID: L83167-13

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: HL-2
Description: GRAB
Sampled On: 31-JAN-02 14:44 by CLIENT
Date Received: 02-FEB-02 15:20
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	84.5	%		04-FEB-02 00:00	CLP 3.0	01-202-30
Arsenic	1.1	mg/kg	0.220	07-FEB-02 00:00	EPA 206.2 CLPM	01-178-32
Barium	31.9 J	mg/kg	0.183	07-FEB-02 05:54	EPA 200.7 CLPM	02-017-01
Cadmium	1.3	mg/kg	0.459	08-FEB-02 08:03	EPA 200.7 CLPM	02-017-02
Chromium	5.68	mg/kg	0.917	07-FEB-02 05:54	EPA 200.7 CLPM	02-017-01
Lead	24.7 J	mg/kg	2.02	15-FEB-02 11:40	EPA 200.7 CLPM	02-017-04
Mercury	6.79	mg/kg	0.1340	05-FEB-02 00:00	EPA 245.1 CLPM	01-002-42
Selenium	U	mg/kg	1.70	15-FEB-02 00:00	EPA 270.2 CLPM	01-180-30
Silver	U	mg/kg	0.642	07-FEB-02 05:54	EPA 200.7 CLPM	02-017-01
VOA OLM 4.2						
Chloromethane	U	ug/kg	10	07-FEB-02 01:03	VOA OLM 4.2	02-024-1911
Dichlorodifluoromethane	U	ug/kg	10	07-FEB-02 01:03	VOA OLM 4.2	02-024-1911
Bromomethane	U	ug/kg	10	07-FEB-02 01:03	VOA OLM 4.2	02-024-1911
Vinyl chloride	U	ug/kg	10	07-FEB-02 01:03	VOA OLM 4.2	02-024-1911
Chloroethane	U	ug/kg	10	07-FEB-02 01:03	VOA OLM 4.2	02-024-1911
Trichlorofluoromethane	U	ug/kg	10	07-FEB-02 01:03	VOA OLM 4.2	02-024-1911
Methylene chloride	U	ug/kg	10	07-FEB-02 01:03	VOA OLM 4.2	02-024-1911
Acetone	U	ug/kg	10	07-FEB-02 01:03	VOA OLM 4.2	02-024-1911
Carbon disulfide	U	ug/kg	10	07-FEB-02 01:03	VOA OLM 4.2	02-024-1911
Methyl Acetate	U	ug/kg	10	07-FEB-02 01:03	VOA OLM 4.2	02-024-1911
1,1-Dichloroethene	U	ug/kg	10	07-FEB-02 01:03	VOA OLM 4.2	02-024-1911
trans-1,2-Dichloroethene	U	ug/kg	10	07-FEB-02 01:03	VOA OLM 4.2	02-024-1911
MTBE(Methyl tert-butyl ether)	U	ug/kg	10	07-FEB-02 01:03	VOA OLM 4.2	02-024-1911
1,1-Dichloroethane	U	ug/kg	10	07-FEB-02 01:03	VOA OLM 4.2	02-024-1911
1,1,2-Trichloro-1,2,2-trifluoroethane	U	ug/kg	10	07-FEB-02 01:03	VOA OLM 4.2	02-024-1911
cis-1,2-Dichloroethene	U	ug/kg	10	07-FEB-02 01:03	VOA OLM 4.2	02-024-1911
MEK(2-Butanone)	U	ug/kg	10	07-FEB-02 01:03	VOA OLM 4.2	02-024-1911
Chloroform	U	ug/kg	10	07-FEB-02 01:03	VOA OLM 4.2	02-024-1911
1,1,1-Trichloroethane	U	ug/kg	10	07-FEB-02 01:03	VOA OLM 4.2	02-024-1911
Cyclohexane	U	ug/kg	10	07-FEB-02 01:03	VOA OLM 4.2	02-024-1911
Carbon tetrachloride	U	ug/kg	10	07-FEB-02 01:03	VOA OLM 4.2	02-024-1911
Benzene	U	ug/kg	10	07-FEB-02 01:03	VOA OLM 4.2	02-024-1911
Results calculated on a dry weight basis.						

QC ack

NY 10252

NJ 73168

PA 68180

EPA NY 00033

Approved by: John A. Kent
Lab Director

ND or U = None Detected

< = less than

ug/L

= micrograms per liter (equivalent to parts per billion)

mg/L = milligrams per liter (equivalent to parts per million)

mg/kg

= milligrams per kilogram (equivalent to parts per million)

B = analyte was detected in the method or trip blank

J

= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 01-MAR-2002

Lab Sample ID: L83167-13

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: HL-2
Description: GRAB
Sampled On: 31-JAN-02 14:44 by CLIENT
Date Received: 02-FEB-02 15:20
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
1,2-Dichloroethane	U	ug/kg	10	07-FEB-02 01:03	VOA OLM 4.2	02-024-1911
Trichloroethene	U	ug/kg	10	07-FEB-02 01:03	VOA OLM 4.2	02-024-1911
Methylcyclohexane	U	ug/kg	10	07-FEB-02 01:03	VOA OLM 4.2	02-024-1911
1,2-Dichloropropane	U	ug/kg	10	07-FEB-02 01:03	VOA OLM 4.2	02-024-1911
Bromodichloromethane	U	ug/kg	10	07-FEB-02 01:03	VOA OLM 4.2	02-024-1911
cis-1,3-Dichloropropene	U	ug/kg	10	07-FEB-02 01:03	VOA OLM 4.2	02-024-1911
MIBK(4-Methyl-2-pentanone)	U	ug/kg	10	07-FEB-02 01:03	VOA OLM 4.2	02-024-1911
Toluene	U	ug/kg	10	07-FEB-02 01:03	VOA OLM 4.2	02-024-1911
trans-1,3-Dichloropropene	U	ug/kg	10	07-FEB-02 01:03	VOA OLM 4.2	02-024-1911
1,1,2-Trichloroethane	U	ug/kg	10	07-FEB-02 01:03	VOA OLM 4.2	02-024-1911
Tetrachloroethene	U	ug/kg	10	07-FEB-02 01:03	VOA OLM 4.2	02-024-1911
2-Hexanone	U	ug/kg	10	07-FEB-02 01:03	VOA OLM 4.2	02-024-1911
Dibromochloromethane	U	ug/kg	10	07-FEB-02 01:03	VOA OLM 4.2	02-024-1911
1,2-Dibromoethane	U	ug/kg	10	07-FEB-02 01:03	VOA OLM 4.2	02-024-1911
Chlorobenzene	U	ug/kg	10	07-FEB-02 01:03	VOA OLM 4.2	02-024-1911
Ethylbenzene	U	ug/kg	10	07-FEB-02 01:03	VOA OLM 4.2	02-024-1911
p-Xylene/m-Xylene	U	ug/kg	10	07-FEB-02 01:03	VOA OLM 4.2	02-024-1911
o-Xylene	U	ug/kg	10	07-FEB-02 01:03	VOA OLM 4.2	02-024-1911
Styrene	U	ug/kg	10	07-FEB-02 01:03	VOA OLM 4.2	02-024-1911
Bromoform	U	ug/kg	10	07-FEB-02 01:03	VOA OLM 4.2	02-024-1911
Isopropylbenzene	U	ug/kg	10	07-FEB-02 01:03	VOA OLM 4.2	02-024-1911
1,2,2-Tetrachloroethane	U	ug/kg	10	07-FEB-02 01:03	VOA OLM 4.2	02-024-1911
1,3-Dichlorobenzene	U	ug/kg	10	07-FEB-02 01:03	VOA OLM 4.2	02-024-1911
1,4-Dichlorobenzene	U	ug/kg	10	07-FEB-02 01:03	VOA OLM 4.2	02-024-1911
1,2-Dichlorobenzene	U	ug/kg	10	07-FEB-02 01:03	VOA OLM 4.2	02-024-1911
1,2-Dibromo-3-chloropropane	U	ug/kg	10	07-FEB-02 01:03	VOA OLM 4.2	02-024-1911
1,2,4-Trichlorobenzene	U	ug/kg	10	07-FEB-02 01:03	VOA OLM 4.2	02-024-1911

Library Search Compounds:	Result	Units	Qual	Retention Time

No library search compounds detected.

Surrogate Recovery:

1,2-Dichloroethane-d4	109	%	02-024-1911
Toluene-d8	103	%	02-024-1911
4-Bromofluorobenzene	87	%	02-024-1911

Analysis Comment: Results Calculated on a dry weight basis. Internal standard 3 recovery below limits. Confirmed by file D1898.

Results calculated on a dry weight basis.

QC ear NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: John A. Kent
Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 01-MAR-2002

Lab Sample ID: L83167-13

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: HL-2
Description: GRAB
Sampled On: 31-JAN-02 14:44 by CLIENT
Date Received: 02-FEB-02 15:20
P.O. NO: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
PCB OLM 4.2						
PCB 1016	U	ug/kg	20	06-FEB-02 00:00	PCB OLM 4.2	02-006-5156
PCB 1221	U	ug/kg	39	06-FEB-02 00:00	PCB OLM 4.2	02-006-5156
PCB 1232	U	ug/kg	20	06-FEB-02 00:00	PCB OLM 4.2	02-006-5156
PCB 1242	U	ug/kg	20	06-FEB-02 00:00	PCB OLM 4.2	02-006-5156
PCB 1248	U	ug/kg	20	06-FEB-02 00:00	PCB OLM 4.2	02-006-5156
PCB 1254	U	ug/kg	20	06-FEB-02 00:00	PCB OLM 4.2	02-006-5156
PCB 1260	U	ug/kg	20	06-FEB-02 00:00	PCB OLM 4.2	02-006-5156

Extraction Information:

06-FEB-02 00:00

01-194-49

Surrogate Recovery:

Tetrachloro-m-xylene
Decachlorobiphenyl

97
123

%
%

02-006-5156
02-006-5156

SVOA OLM 4.2

Bis(2-chloroethylether)	U	ug/kg	790	11-FEB-02 19:16	SVOA OLM 4.2	02-011-1147
Benzaldehyde	U	ug/kg	790	11-FEB-02 19:16	SVOA OLM 4.2	02-011-1147
Phenol	U	ug/kg	790	11-FEB-02 19:16	SVOA OLM 4.2	02-011-1147
Chlorophenol	U	ug/kg	790	11-FEB-02 19:16	SVOA OLM 4.2	02-011-1147
2-Methylphenol	U	ug/kg	790	11-FEB-02 19:16	SVOA OLM 4.2	02-011-1147
2,2'Oxybis(1-Chloropropane)	U	ug/kg	790	11-FEB-02 19:16	SVOA OLM 4.2	02-011-1147
Hexachloroethane	U	ug/kg	790	11-FEB-02 19:16	SVOA OLM 4.2	02-011-1147
N-Nitrosodi-N-propylamine	U	ug/kg	790	11-FEB-02 19:16	SVOA OLM 4.2	02-011-1147
Acetophenone	U	ug/kg	790	11-FEB-02 19:16	SVOA OLM 4.2	02-011-1147
4-Methylphenol	U	ug/kg	790	11-FEB-02 19:16	SVOA OLM 4.2	02-011-1147
Nitrobenzene	U	ug/kg	790	11-FEB-02 19:16	SVOA OLM 4.2	02-011-1147
Isophorone	U	ug/kg	790	11-FEB-02 19:16	SVOA OLM 4.2	02-011-1147
2-Nitrophenol	U	ug/kg	790	11-FEB-02 19:16	SVOA OLM 4.2	02-011-1147
2,4-Dimethylphenol	U	ug/kg	790	11-FEB-02 19:16	SVOA OLM 4.2	02-011-1147
Bis(2-chloroethoxymethane)	U	ug/kg	790	11-FEB-02 19:16	SVOA OLM 4.2	02-011-1147
2,4-Dichlorophenol	U	ug/kg	790	11-FEB-02 19:16	SVOA OLM 4.2	02-011-1147
Naphthalene	U	ug/kg	790	11-FEB-02 19:16	SVOA OLM 4.2	02-011-1147
4-Chloroaniline	U	ug/kg	790	11-FEB-02 19:16	SVOA OLM 4.2	02-011-1147
Hexachlorobutadiene	U	ug/kg	790	11-FEB-02 19:16	SVOA OLM 4.2	02-011-1147
Caprolactam	U	ug/kg	790	11-FEB-02 19:16	SVOA OLM 4.2	02-011-1147
4-Chloro-3-methylphenol	U	ug/kg	790	11-FEB-02 19:16	SVOA OLM 4.2	02-011-1147
2-Methylnaphthalene	U	ug/kg	790	11-FEB-02 19:16	SVOA OLM 4.2	02-011-1147
Hexachlorocyclopentadiene	U	ug/kg	790	11-FEB-02 19:16	SVOA OLM 4.2	02-011-1147
2,4,6-Trichlorophenol	U	ug/kg	790	11-FEB-02 19:16	SVOA OLM 4.2	02-011-1147
2,4,5-Trichlorophenol	U	ug/kg	2000	11-FEB-02 19:16	SVOA OLM 4.2	02-011-1147
2-Chloronaphthalene	U	ug/kg	790	11-FEB-02 19:16	SVOA OLM 4.2	02-011-1147

Results calculated on a dry weight basis.

QC *ear* NY 10252 NJ 73168 PA 68180 EPA NY 00033

Page 3 of 5

Approved by: *John P. Kent*
Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 01-MAR-2002

Lab Sample ID: L83167-13

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: HL-2
Description: GRAB
Sampled On: 31-JAN-02 14:44 by CLIENT
Date Received: 02-FEB-02 15:20
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
1,1'-Biphenyl	U	ug/kg	790	11-FEB-02 19:16	SVOA OLM 4.2	02-011-1147
2-Nitroaniline	U	ug/kg	2000	11-FEB-02 19:16	SVOA OLM 4.2	02-011-1147
Dimethyl phthalate	U	ug/kg	790	11-FEB-02 19:16	SVOA OLM 4.2	02-011-1147
Acenaphthylene	U	ug/kg	790	11-FEB-02 19:16	SVOA OLM 4.2	02-011-1147
2,6-Dinitrotoluene	U	ug/kg	790	11-FEB-02 19:16	SVOA OLM 4.2	02-011-1147
3-Nitroaniline	U	ug/kg	2000	11-FEB-02 19:16	SVOA OLM 4.2	02-011-1147
Acenaphthene	120 J	ug/kg	790	11-FEB-02 19:16	SVOA OLM 4.2	02-011-1147
2,4-Dinitrophenol	U	ug/kg	2000	11-FEB-02 19:16	SVOA OLM 4.2	02-011-1147
Dibenzofuran	290 J	ug/kg	790	11-FEB-02 19:16	SVOA OLM 4.2	02-011-1147
2,4-Dinitrotoluene	U	ug/kg	790	11-FEB-02 19:16	SVOA OLM 4.2	02-011-1147
4-Nitrophenol	U	ug/kg	2000	11-FEB-02 19:16	SVOA OLM 4.2	02-011-1147
Diethyl phthalate	U	ug/kg	790	11-FEB-02 19:16	SVOA OLM 4.2	02-011-1147
Fluorene	120 J	ug/kg	790	11-FEB-02 19:16	SVOA OLM 4.2	02-011-1147
4-Chlorophenylphenylether	U	ug/kg	790	11-FEB-02 19:16	SVOA OLM 4.2	02-011-1147
4-Nitroaniline	U	ug/kg	2000	11-FEB-02 19:16	SVOA OLM 4.2	02-011-1147
2-Methyl-4,6-dinitrophenol	U	ug/kg	2000	11-FEB-02 19:16	SVOA OLM 4.2	02-011-1147
N-Nitrosodiphenylamine	U	ug/kg	790	11-FEB-02 19:16	SVOA OLM 4.2	02-011-1147
4-Bromophenylphenylether	U	ug/kg	790	11-FEB-02 19:16	SVOA OLM 4.2	02-011-1147
Hexachlorobenzene	U	ug/kg	790	11-FEB-02 19:16	SVOA OLM 4.2	02-011-1147
Atrazine	U	ug/kg	790	11-FEB-02 19:16	SVOA OLM 4.2	02-011-1147
Pentachlorophenol	U	ug/kg	2000	11-FEB-02 19:16	SVOA OLM 4.2	02-011-1147
Benanthrene	3000	ug/kg	790	11-FEB-02 19:16	SVOA OLM 4.2	02-011-1147
Anthracene	660 J	ug/kg	790	11-FEB-02 19:16	SVOA OLM 4.2	02-011-1147
Carbazole	300 J	ug/kg	790	11-FEB-02 19:16	SVOA OLM 4.2	02-011-1147
Di-n-butyl phthalate	U	ug/kg	790	11-FEB-02 19:16	SVOA OLM 4.2	02-011-1147
Fluoranthene	2800	ug/kg	790	11-FEB-02 19:16	SVOA OLM 4.2	02-011-1147
Pyrene	3200 J	ug/kg	790	11-FEB-02 19:16	SVOA OLM 4.2	02-011-1147
Butylbenzyl phthalate	U	ug/kg	790	11-FEB-02 19:16	SVOA OLM 4.2	02-011-1147
Benzo(a)anthracene	1600 J	ug/kg	790	11-FEB-02 19:16	SVOA OLM 4.2	02-011-1147
3,3-Dichlorobenzidine	U	ug/kg	790	11-FEB-02 19:16	SVOA OLM 4.2	02-011-1147
Chrysene	1500 J	ug/kg	790	11-FEB-02 19:16	SVOA OLM 4.2	02-011-1147
Bis-2-ethylhexyl phthalate	U	ug/kg	790	11-FEB-02 19:16	SVOA OLM 4.2	02-011-1147
Di-n-octyl phthalate	U	ug/kg	790	11-FEB-02 19:16	SVOA OLM 4.2	02-011-1147
Benzo(b)fluoranthene	1700 J	ug/kg	790	11-FEB-02 19:16	SVOA OLM 4.2	02-011-1147
Benzo(k)fluoranthene	520 J	ug/kg	790	11-FEB-02 19:16	SVOA OLM 4.2	02-011-1147
Benzo(a)pyrene	1000 J	ug/kg	790	11-FEB-02 19:16	SVOA OLM 4.2	02-011-1147
Indeno(1,2,3-cd)pyrene	750 J	ug/kg	790	11-FEB-02 19:16	SVOA OLM 4.2	02-011-1147
Dibenzo(a,h)anthracene	190 J	ug/kg	790	11-FEB-02 19:16	SVOA OLM 4.2	02-011-1147
Benzo(g,h,i)perylene	280 J	ug/kg	790	11-FEB-02 19:16	SVOA OLM 4.2	02-011-1147

Results calculated on a dry weight basis.

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 01-MAR-2002

Lab Sample ID: L83167-13

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: HL-2
Description: GRAB
Sampled On: 31-JAN-02 14:44 by CLIENT
Date Received: 02-FEB-02 15:20
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference

Extraction Information:

04-FEB-02 00:00

01-133-75

Library Search Compounds:	Result	Units	Qual	Retention Time
Unknown	210	ug/kg	J	21.14
Unknown	220	ug/kg	J	22.13
Unknown	160	ug/kg	J	22.42
Unknown	240	ug/kg	J	22.8
9H-Fluoren-9-one	330	ug/kg	NJ	22.93
Unknown	320	ug/kg	J	23.12
4-methylPhenanthrene	530	ug/kg	NJ	25.07
2-methylAnthracene	620	ug/kg	NJ	25.15
9-methylPhenanthrene	180	ug/kg	NJ	25.28
Unknown PAH	320	ug/kg	J	25.39
Unknown PAH	290	ug/kg	J	25.47
2-phenylNaphthalene	250	ug/kg	NJ	26.07

Library Search Comment: 12 library search compounds detected.

Surrogate Recovery:

2-Fluorophenol	59	%	02-011-1147
Phenol-d5	54	%	02-011-1147
2-Chlorophenol-d4	66	%	02-011-1147
1,2-Dichlorobenzene-d4	47	%	02-011-1147
Nitrobenzene-d5	51	%	02-011-1147
2-Fluorobiphenyl	64	%	02-011-1147
2,4,6-Tribromophenol	65	%	02-011-1147
Terphenyl-d14	77	%	02-011-1147

Analysis Comment: Results Calculated on a dry weight basis. Int std 5,6 below limit, confirm file #A3470.

Results calculated on a dry weight basis.

QC *ar* NY 10252 NJ 73168 PA 68180 EPA NY 00033

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Approved by: *John A. Kent*
Lab Director

ND or U	= None Detected	<= less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 01-MAR-2002

Lab Sample ID: L83167-6

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: DUP-1-30
Description: GRAB
Sampled On: 30-JAN-02 00:00 by CLIENT
Date Received: 31-JAN-02 14:30
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	55.6	%		04-FEB-02 00:00	CLP 3.0	01-202-30
VOA OLM 4.2						
Chloromethane	U	ug/kg	1700	08-FEB-02 17:17	VOA OLM 4.2	02-024-1946
Dichlorodifluoromethane	U	ug/kg	1700	08-FEB-02 17:17	VOA OLM 4.2	02-024-1946
Bromomethane	840 J J	ug/kg	1700	08-FEB-02 17:17	VOA OLM 4.2	02-024-1946
Vinyl chloride	U	ug/kg	1700	08-FEB-02 17:17	VOA OLM 4.2	02-024-1946
Chloroethane	U	ug/kg	1700	08-FEB-02 17:17	VOA OLM 4.2	02-024-1946
Trichlorofluoromethane	U	ug/kg	1700	08-FEB-02 17:17	VOA OLM 4.2	02-024-1946
Methylene chloride	810 JB U	ug/kg	1700	08-FEB-02 17:17	VOA OLM 4.2	02-024-1946
Acetone	U	ug/kg	1700	08-FEB-02 17:17	VOA OLM 4.2	02-024-1946
Carbon disulfide	U	ug/kg	1700	08-FEB-02 17:17	VOA OLM 4.2	02-024-1946
Methyl Acetate	U	ug/kg	1700	08-FEB-02 17:17	VOA OLM 4.2	02-024-1946
1,1-Dichloroethene	U	ug/kg	1700	08-FEB-02 17:17	VOA OLM 4.2	02-024-1946
trans-1,2-Dichloroethene	U	ug/kg	1700	08-FEB-02 17:17	VOA OLM 4.2	02-024-1946
MTBE(Methyl tert-butyl ether)	U	ug/kg	1700	08-FEB-02 17:17	VOA OLM 4.2	02-024-1946
1,1-Dichloroethane	U	ug/kg	1700	08-FEB-02 17:17	VOA OLM 4.2	02-024-1946
1,1,2-Trichloro-1,2,2-trifluoroethane	U	ug/kg	1700	08-FEB-02 17:17	VOA OLM 4.2	02-024-1946
cis-1,2-Dichloroethene	U	ug/kg	1700	08-FEB-02 17:17	VOA OLM 4.2	02-024-1946
K(2-Butanone)	U	ug/kg	1700	08-FEB-02 17:17	VOA OLM 4.2	02-024-1946
Chloroform	U	ug/kg	1700	08-FEB-02 17:17	VOA OLM 4.2	02-024-1946
1,1,1-Trichloroethane	U	ug/kg	1700	08-FEB-02 17:17	VOA OLM 4.2	02-024-1946
Cyclohexane	U	ug/kg	1700	08-FEB-02 17:17	VOA OLM 4.2	02-024-1946
Carbon tetrachloride	U	ug/kg	1700	08-FEB-02 17:17	VOA OLM 4.2	02-024-1946
Benzene	U	ug/kg	1700	08-FEB-02 17:17	VOA OLM 4.2	02-024-1946
1,2-Dichloroethane	U	ug/kg	1700	08-FEB-02 17:17	VOA OLM 4.2	02-024-1946
Trichloroethene	U	ug/kg	1700	08-FEB-02 17:17	VOA OLM 4.2	02-024-1946
Methylcyclohexane	U	ug/kg	1700	08-FEB-02 17:17	VOA OLM 4.2	02-024-1946
1,2-Dichloropropane	U	ug/kg	1700	08-FEB-02 17:17	VOA OLM 4.2	02-024-1946
Bromodichloromethane	U	ug/kg	1700	08-FEB-02 17:17	VOA OLM 4.2	02-024-1946
cis-1,3-Dichloropropene	U	ug/kg	1700	08-FEB-02 17:17	VOA OLM 4.2	02-024-1946
MIBK(4-Methyl-2-pentanone)	U	ug/kg	1700	08-FEB-02 17:17	VOA OLM 4.2	02-024-1946
Toluene	U	ug/kg	1700	08-FEB-02 17:17	VOA OLM 4.2	02-024-1946
trans-1,3-Dichloropropene	U	ug/kg	1700	08-FEB-02 17:17	VOA OLM 4.2	02-024-1946
1,1,2-Trichloroethane	U	ug/kg	1700	08-FEB-02 17:17	VOA OLM 4.2	02-024-1946
Tetrachloroethene	U	ug/kg	1700	08-FEB-02 17:17	VOA OLM 4.2	02-024-1946
2-Hexanone	U	ug/kg	1700	08-FEB-02 17:17	VOA OLM 4.2	02-024-1946
Dibromochloromethane	U	ug/kg	1700	08-FEB-02 17:17	VOA OLM 4.2	02-024-1946
1,2-Dibromoethane	U	ug/kg	1700	08-FEB-02 17:17	VOA OLM 4.2	02-024-1946
Chlorobenzene	U	ug/kg	1700	08-FEB-02 17:17	VOA OLM 4.2	02-024-1946
Ethylbenzene	U	ug/kg	1700	08-FEB-02 17:17	VOA OLM 4.2	02-024-1946

Results calculated on a dry weight basis.

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QC EAR NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: John A. Kew
Lab Director

: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 01-MAR-2002

Lab Sample ID: L83167-6

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: DUP-1-30
Description: GRAB
Sampled On: 30-JAN-02 00:00 by CLIENT
Date Received: 31-JAN-02 14:30
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
p-Xylene/m-Xylene	U	ug/kg	1700	08-FEB-02 17:17	VOA OLM 4.2	02-024-1946
o-Xylene	U	ug/kg	1700	08-FEB-02 17:17	VOA OLM 4.2	02-024-1946
Styrene	U	ug/kg	1700	08-FEB-02 17:17	VOA OLM 4.2	02-024-1946
Bromoform	U	ug/kg	1700	08-FEB-02 17:17	VOA OLM 4.2	02-024-1946
Isopropylbenzene	U	ug/kg	1700	08-FEB-02 17:17	VOA OLM 4.2	02-024-1946
1,1,2,2-Tetrachloroethane	U	ug/kg	1700	08-FEB-02 17:17	VOA OLM 4.2	02-024-1946
1,3-Dichlorobenzene	U	ug/kg	1700	08-FEB-02 17:17	VOA OLM 4.2	02-024-1946
1,4-Dichlorobenzene	U	ug/kg	1700	08-FEB-02 17:17	VOA OLM 4.2	02-024-1946
1,2-Dichlorobenzene	U	ug/kg	1700	08-FEB-02 17:17	VOA OLM 4.2	02-024-1946
1,2-Dibromo-3-chloropropane	U	ug/kg	1700	08-FEB-02 17:17	VOA OLM 4.2	02-024-1946
1,2,4-Trichlorobenzene	U	ug/kg	1700	08-FEB-02 17:17	VOA OLM 4.2	02-024-1946

Library Search Compounds:	Result	Units	Qual	Retention Time
Unknown	18000	ug/kg	J	19.92
Unknown	19000	ug/kg	J	20.02
Unknown	28000	ug/kg	J	22.65
1-methyl-3-(1-methylethyl)Benzene	20000	ug/kg	NJ	23.1
1,2,4,5-tetramethylBenzene	22000	ug/kg	NJ	23.58
Unknown	18000	ug/kg	J	23.69
Unknown	18000	ug/kg	J	24.24
Unknown	25000	ug/kg	J	24.58
2,3-dihydro-1,1-dimethyl-2H-Indene	20000	ug/kg	NJ	24.76

Library Search Comment: 9 library search compounds detected.

Surrogate Recovery:			
1,2-Dichloroethane-d4	80	%	02-024-1946
Toluene-d8	99	%	02-024-1946
4-Bromofluorobenzene	122 *	%	02-024-1946

Analysis Comment: Results Calculated on a dry weight basis. *Surrogate recovery above acceptance limits.

Results calculated on a dry weight basis.

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QC ear NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: [Signature]
Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 01-MAR-2002

Lab Sample ID: L83167-6

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: DUP-1-30
Description: GRAB
Sampled On: 30-JAN-02 00:00 by CLIENT
Date Received: 31-JAN-02 14:30
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
SVOA OLM 4.2						
Bis(2-chloroethylether)	U	ug/kg	720	08-FEB-02 21:53	SVOA OLM 4.2	02-011-1132
Benzaldehyde	U	ug/kg	720	08-FEB-02 21:53	SVOA OLM 4.2	02-011-1132
Phenol	U	ug/kg	720	08-FEB-02 21:53	SVOA OLM 4.2	02-011-1132
2-Chlorophenol	U	ug/kg	720	08-FEB-02 21:53	SVOA OLM 4.2	02-011-1132
2-Methylphenol	U	ug/kg	720	08-FEB-02 21:53	SVOA OLM 4.2	02-011-1132
2,2'Oxybis(1-Chloropropane)	U	ug/kg	720	08-FEB-02 21:53	SVOA OLM 4.2	02-011-1132
Hexachloroethane	U	ug/kg	720	08-FEB-02 21:53	SVOA OLM 4.2	02-011-1132
N-Nitrosodi-N-propylamine	U	ug/kg	720	08-FEB-02 21:53	SVOA OLM 4.2	02-011-1132
Acetophenone	U	ug/kg	720	08-FEB-02 21:53	SVOA OLM 4.2	02-011-1132
4-Methylphenol	U	ug/kg	720	08-FEB-02 21:53	SVOA OLM 4.2	02-011-1132
Nitrobenzene	U	ug/kg	720	08-FEB-02 21:53	SVOA OLM 4.2	02-011-1132
Isophorone	U	ug/kg	720	08-FEB-02 21:53	SVOA OLM 4.2	02-011-1132
2-Nitrophenol	U	ug/kg	720	08-FEB-02 21:53	SVOA OLM 4.2	02-011-1132
2,4-Dimethylphenol	U	ug/kg	720	08-FEB-02 21:53	SVOA OLM 4.2	02-011-1132
Bis(2-chloroethoxymethane)	U	ug/kg	720	08-FEB-02 21:53	SVOA OLM 4.2	02-011-1132
2,4-Dichlorophenol	U	ug/kg	720	08-FEB-02 21:53	SVOA OLM 4.2	02-011-1132
Naphthalene	U	ug/kg	720	08-FEB-02 21:53	SVOA OLM 4.2	02-011-1132
4-Chloroaniline	U	ug/kg	720	08-FEB-02 21:53	SVOA OLM 4.2	02-011-1132
Hexachlorobutadiene	U	ug/kg	720	08-FEB-02 21:53	SVOA OLM 4.2	02-011-1132
prolactam	U	ug/kg	720	08-FEB-02 21:53	SVOA OLM 4.2	02-011-1132
4-Chloro-3-methylphenol	U	ug/kg	720	08-FEB-02 21:53	SVOA OLM 4.2	02-011-1132
2-Methylnaphthalene	U	ug/kg	720	08-FEB-02 21:53	SVOA OLM 4.2	02-011-1132
Hexachlorocyclopentadiene	U	ug/kg	720	08-FEB-02 21:53	SVOA OLM 4.2	02-011-1132
2,4,6-Trichlorophenol	U	ug/kg	720	08-FEB-02 21:53	SVOA OLM 4.2	02-011-1132
2,4,5-Trichlorophenol	U	ug/kg	1800	08-FEB-02 21:53	SVOA OLM 4.2	02-011-1132
2-Chloronaphthalene	U	ug/kg	720	08-FEB-02 21:53	SVOA OLM 4.2	02-011-1132
1,1'-Biphenyl	U	ug/kg	720	08-FEB-02 21:53	SVOA OLM 4.2	02-011-1132
2-Nitroaniline	U	ug/kg	1800	08-FEB-02 21:53	SVOA OLM 4.2	02-011-1132
Dimethyl phthalate	U	ug/kg	720	08-FEB-02 21:53	SVOA OLM 4.2	02-011-1132
Acenaphthylene	U	ug/kg	720	08-FEB-02 21:53	SVOA OLM 4.2	02-011-1132
2,6-Dinitrotoluene	U	ug/kg	720	08-FEB-02 21:53	SVOA OLM 4.2	02-011-1132
3-Nitroaniline	U	ug/kg	1800	08-FEB-02 21:53	SVOA OLM 4.2	02-011-1132
Acenaphthene	U	ug/kg	720	08-FEB-02 21:53	SVOA OLM 4.2	02-011-1132
2,4-Dinitrophenol	U	ug/kg	1800	08-FEB-02 21:53	SVOA OLM 4.2	02-011-1132
Dibenzofuran	U	ug/kg	720	08-FEB-02 21:53	SVOA OLM 4.2	02-011-1132
2,4-Dinitrotoluene	U	ug/kg	720	08-FEB-02 21:53	SVOA OLM 4.2	02-011-1132
4-Nitrophenol	U	ug/kg	1800	08-FEB-02 21:53	SVOA OLM 4.2	02-011-1132
Diethyl phthalate	U	ug/kg	720	08-FEB-02 21:53	SVOA OLM 4.2	02-011-1132
Fluorene	U	ug/kg	720	08-FEB-02 21:53	SVOA OLM 4.2	02-011-1132
4-Chlorophenylphenylether	U	ug/kg	720	08-FEB-02 21:53	SVOA OLM 4.2	02-011-1132
4-Nitroaniline	U	ug/kg	1800	08-FEB-02 21:53	SVOA OLM 4.2	02-011-1132

Results calculated on a dry weight basis.

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QC var

NY 10252

NJ 73168

PA 68180

EPA NY 00033

Approved by:

Lab Director

ND or U = None Detected

< = less than

ug/L

= micrograms per liter (equivalent to parts per billion)

mg/L = milligrams per liter (equivalent to parts per million)

mg/kg

= milligrams per kilogram (equivalent to parts per million)

B = analyte was detected in the method or trip blank

J

= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 01-MAR-2002

Lab Sample ID: L83167-6

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: DUP-1-30
Description: GRAB
Sampled On: 30-JAN-02 00:00 by CLIENT
Date Received: 31-JAN-02 14:30
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
2-Methyl-4,6-dinitrophenol	U	ug/kg	1800	08-FEB-02 21:53	SVOA OLM 4.2	02-011-1132
N-Nitrosodiphenylamine	U	ug/kg	720	08-FEB-02 21:53	SVOA OLM 4.2	02-011-1132
4-Bromophenylphenylether	U	ug/kg	720	08-FEB-02 21:53	SVOA OLM 4.2	02-011-1132
Hexachlorobenzene	U	ug/kg	720	08-FEB-02 21:53	SVOA OLM 4.2	02-011-1132
Atrazine	U	ug/kg	720	08-FEB-02 21:53	SVOA OLM 4.2	02-011-1132
Pentachlorophenol	U	ug/kg	1800	08-FEB-02 21:53	SVOA OLM 4.2	02-011-1132
Phenanthrene	U	ug/kg	720	08-FEB-02 21:53	SVOA OLM 4.2	02-011-1132
Anthracene	U	ug/kg	720	08-FEB-02 21:53	SVOA OLM 4.2	02-011-1132
Carbazole	U	ug/kg	720	08-FEB-02 21:53	SVOA OLM 4.2	02-011-1132
Di-n-butyl phthalate	U	ug/kg	720	08-FEB-02 21:53	SVOA OLM 4.2	02-011-1132
Fluoranthene	U	ug/kg	720	08-FEB-02 21:53	SVOA OLM 4.2	02-011-1132
Pyrene	U	ug/kg	720	08-FEB-02 21:53	SVOA OLM 4.2	02-011-1132
Butylbenzyl phthalate	U	ug/kg	720	08-FEB-02 21:53	SVOA OLM 4.2	02-011-1132
Benzo(a)anthracene	U	ug/kg	720	08-FEB-02 21:53	SVOA OLM 4.2	02-011-1132
3,3-Dichlorobenzidine	U	ug/kg	720	08-FEB-02 21:53	SVOA OLM 4.2	02-011-1132
Chrysene	U	ug/kg	720	08-FEB-02 21:53	SVOA OLM 4.2	02-011-1132
Bis-2-ethylhexyl phthalate	U	ug/kg	720	08-FEB-02 21:53	SVOA OLM 4.2	02-011-1132
Di-n-octyl phthalate	U	ug/kg	720	08-FEB-02 21:53	SVOA OLM 4.2	02-011-1132
Benzo(b)fluoranthene	U	ug/kg	720	08-FEB-02 21:53	SVOA OLM 4.2	02-011-1132
Benzo(k)fluoranthene	U	ug/kg	720	08-FEB-02 21:53	SVOA OLM 4.2	02-011-1132
Benzo(a)pyrene	U	ug/kg	720	08-FEB-02 21:53	SVOA OLM 4.2	02-011-1132
Benzo(1,2,3-cd)pyrene	U	ug/kg	720	08-FEB-02 21:53	SVOA OLM 4.2	02-011-1132
Benzo(a,h)anthracene	U	ug/kg	720	08-FEB-02 21:53	SVOA OLM 4.2	02-011-1132
Benzo(g,h,i)perylene	U	ug/kg	720	08-FEB-02 21:53	SVOA OLM 4.2	02-011-1132

Extraction Information:

01-FEB-02 00:00

01-133-74

Library Search Compounds:	Result	Units	Qual	Retention Time
decahydro-2-methylnaphthalene	450	ug/kg	NJ	11.86
1,2,4,5-tetramethylbenzene	1200	ug/kg	NJ	11.99
Unknown	740	ug/kg	J	12.21
Unknown	400	ug/kg	J	12.44
Unknown	610	ug/kg	J	12.67

Results calculated on a dry weight basis.

QC oak

NY 10252

NJ 73168

PA 68180

EPA NY 00033

Page 4 of 5

Approved by: John A. Kent

Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 01-MAR-2002

Lab Sample ID: L83167-6

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: DUP-1-30
Description: GRAB
Sampled On: 30-JAN-02 00:00 by CLIENT
Date Received: 31-JAN-02 14:30
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Library Search Compounds:	Result	Units	Qual	Retention Time		
Unknown	920	ug/kg	J	12.94		
Unknown	640	ug/kg	J	13.05		
Unknown	390	ug/kg	J	13.26		
2,3-dihydro-1,2-dimethyl-1H-Indene	440	ug/kg	NJ	13.53		
Unknown	1400	ug/kg	J	13.71		
2,3-dihydro-1,4,7-trimethyl-1H-Indene	500	ug/kg	NJ	14.54		
Unknown	420	ug/kg	J	15.34		
Unknown	410	ug/kg	J	28.47		

Library Search Comment: 13 library search compounds detected.

Surrogate Recovery:

2-Fluorophenol	38	%		02-011-1132
Phenol-d5	38	%		02-011-1132
2-Chlorophenol-d4	43	%		02-011-1132
1,2-Dichlorobenzene-d4	31	%		02-011-1132
Nitrobenzene-d5	35	%		02-011-1132
2-Fluorobiphenyl	35	%		02-011-1132
2,4,6-Tribromophenol	40	%		02-011-1132
rphenyl-d14	42	%		02-011-1132

Analysis Comment: Results Calculated on a dry weight basis.

Results calculated on a dry weight basis.

QC oak

NY 10252

NJ 73168

PA 68180

Page 5 of 5
EPA NY 00033

Approved by:

Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ENVIRONMENTAL MONITORING • MICROBIOLOGY
ANALYTICAL CHEMISTRY • AIR QUALITY
INFORMATION MANAGEMENT

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

SDG, SGL RICH1

SLC ENVIRONMENTAL SERVICES, INC.

RICHMOND AVENUE

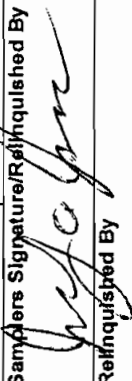
SAMPLED: FEBRUARY 5, 2002

FLI Friend Laboratory, Inc. 1 Research Circle Waverly, NY 14892 Phone: (607)-565-3500 Fax: (607)-565-4083	Client: SLC Environmental Service, Inc. Attn to: Jerry Jones Address: 295 Mill Street Lockport, NY 14094 Phone: 716-433-0776 X15 Fax: 716-433-0802							Invoice to: same Attn to: Address:	
	Sample Site: Richman Avenue P.O. # 02-007-001							Project No./Name: RICHMOND AVE 02-007	
Date & Time of Sample Collection 1:32 2/5/02 2:00 2/5/02 1:51 2/5/02	Origin S-01-1 S-01-3 S-01-2	Number of Containers 4 4 5 1	Description: Grab Matrix: soil Description: Grab Matrix: soil Description: Grab Matrix: soil Description: Grab Matrix: soil	Sodium thiosulfate HCL pH > Ascorbic acid & HCL pH > HNO3 pH > H2SO4 pH > NaOH pH >12 NaOH & Zinc acetate pH >9 Acetic Buffer pH <3 Sodium Sulfite	Analyses / Tests Requested RCRA metals, % solids VOCs, SVOCs, PEST / PCB RCRA metals, % solids VOCs, SVOCs, PEST / PCB RCRA metals, % solids VOCs, SVOCs, PEST / PCB RCRA metals, % solids	Sample Number (Lab Use Only) 83430 1 2 3-4-5	Notes to Laboratory NYS ASP Cat. B deliverables		
							Accepted By Date / Time 2/5/02 4:00		
							Accepted By Date / Time 2/6/02 1149		
							Accepted By Date / Time		
							Accepted By Date / Time		
Relinquished By Date / Time		Relinquished By Date / Time		Relinquished By Date / Time		Suspected Contamination Level None Slight Moderate High (please circle)			

FLI Friend Laboratory, Inc. 1 Research Circle Waverly, NY 14892 Phone: (607)-565-3500 Fax: (607)-565-4083	Client: SLC Environmental Service, Inc. Attn to: Jerry Jones Address: 295 Mill Street Lockport, NY 14094 Phone: 716-433-0776 X15 Fax: 716-433-0802	Invoice to: same Attn to: Address:
Sample Site: Richman Avenue P.O. # 02-007-001	Project No./Name: RICHMOND AVE 02-007	Copy To: same Address:
Date & Time of Sample Collection 2/5/02 2:27	Number of Containers 1	Analyses / Tests Requested RCRA metals, % solids
Origin B-01-2-C-21	Description: Grab Matrix: soil	Sample Number (If Not Used Only) 83430
	Description: Grab Matrix: soil	RCRA metals, % solids
	Description: Grab Matrix: soil	RCRA metals, % solids
	Description: Grab Matrix: soil	RCRA metals, % solids
Signatures/Relinquished By 	Date / Time 2/5/02 4:00	Date / Time 2/6/02 11:49
Relinquished By 	Accepted By Jerry Jones	Notes to Laboratory NYS ASP Cat. B deliverables
Relinquished By	Accepted By	Suspected Contamination Level None Slight Moderate High (please circle)

FLI Friend Laboratory, Inc. 1 Research Circle Waverly, NY 14892 Phone: (607)-565-3500 Fax: (607)-565-4083		Client: SLC Environmental Service, Inc. Attn to: Jerry Jones Address: 295 Mill Street Lockport, NY 14094 Phone: 716-433-0776 X15 Fax: 716-433-0802										Invoice to: same Attn to: Address:		
Sample Site: Richman Avenue P.O. # 02-007-001		Project No./Name: RICHMOND AVE 02-007										Copy To: same Address:		
Date & Time of Sample Collection 2/5/02 2:40		Origin B-01-1-01-2		Number of Containers 1							Analyses / Tests Requested RCRA metals, % solids		Sample Number (Lab Use Only) 834330	
				Description: Grab Matrix: soil										
				Description: Grab Matrix: soil										
				Description: Grab Matrix: soil										
				Description: Grab Matrix: soil										
Relinquished By [Signature]		Relinquished By [Signature]		Date / Time 2/5/02 4:00		Accepted By [Signature]		Date / Time 2/6/02 1149		Notes to Laboratory NYS ASP Cat. B deliverables				
Relinquished By [Signature]				Date / Time [Blank]		Accepted By [Blank]		Date / Time [Blank]						
Relinquished By [Signature]				Date / Time [Blank]		Accepted By [Blank]		Date / Time [Blank]				Suspected Contamination Level None Slight Moderate High (please circle)		

FLI Friend Laboratory, Inc. 1 Research Circle Waverly, NY 14892 Phone: (607)-565-3500 Fax: (607)-565-4083	Attn to: Jerry Jones Address: 295 Mill Street Lockport, NY 14094 Phone: 716-433-0776 X15 Fax: 716-433-0802							Invoice to: same Attn to: Address:	
	Sample Site: Richman Avenue P.O. # 02-007-001							Copy To: same Address:	
Number of Containers			Analyses / Tests Requested				Sample Number (Last 6 Digits Only)		
Untreated	Sodium thiosulfate	HCL pH >	Ascorbic acid & HCL pH >	HNO3 pH >	H2SO4 pH >	NaOH pH >12	NaOH & Zinc acetate pH >9	Acetic Buffer pH >	Sodium Sulfite
1									
Description: Grab Matrix: soil			RCRA metals, % solids				11		
1									
Description: Grab Matrix: soil			RCRA metals, % solids				12		
1									
Description: Grab Matrix: soil			RCRA metals, % solids				13		
1									
Description: Grab Matrix: soil			RCRA metals, % solids				14		
1									
Date / Time			Accepted By		Date / Time		Notes to Laboratory		
2/5/02 4:00			J. Jones		2/6/02 1149		NYS ASP Cat. B deliverables		
Date / Time			Accepted By		Date / Time				
Date / Time			Accepted By		Date / Time		Suspected Contamination Level None Slight Moderate High (please circle)		
Relinquished By			Relinquished By		Relinquished By				

FLI Friend Laboratory, Inc. 1 Research Circle Waverly, NY 14892 Phone: (607)-565-3500 Fax: (607)-565-4083	Client: SLC Environmental Service, Inc. Attn to: Jerry Jones Address: 295 Mill Street Lockport, NY 14094 Phone: 716-433-0776 X15 Fax: 716-433-0802	Invoice to: same Attn to: Address:
Sample Site: Richman Avenue P.O. # 02-007-001	Project No./Name: RICHMOND AVE J02-007	Copy To: same Address:
Date & Time of Sample Collection 2/5/02 12:19	Origin TB-01-7C-9'	Analyses / Tests Requested TCL VOAs and SVOAs, % solids -15
	holding BK	TCL VOAs and SVOAs, % solids -16
		TCL VOAs and SVOAs, % solids
		TCL VOAs and SVOAs, % solids
		TCL VOAs and SVOAs, % solids
Relinquished By 	Relinquished By Jerry Jones Date / Time 2/5/02 4:00	Accepted By Jerry Jones Date / Time 2/6/02 11:49
Relinquished By	Date / Time	Date / Time
Relinquished By	Date / Time	Date / Time
		Suspected Contamination Level None Slight Moderate High (please circle)



ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 05-MAR-2002

Lab Sample ID: L83430-8

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: B-01-1-2'-4'
Description: GRAB
Sampled On: 05-FEB-02 14:40 by CLIENT
Date Received: 06-FEB-02 11:49
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	82.7	%		06-FEB-02 00:00	CLP 3.0	01-202-32
Arsenic	4.8	mg/kg	0.530	13-FEB-02 00:00	EPA 206.2 CLPM	01-178-34
Barium	126 J	mg/kg	0.202	15-FEB-02 01:12	EPA 200.7 CLPM	02-017-04
Cadmium	1.85 J	mg/kg	0.504	15-FEB-02 01:12	EPA 200.7 CLPM	02-017-04
Chromium	13.5	mg/kg	1.01	15-FEB-02 01:12	EPA 200.7 CLPM	02-017-04
Lead	171 J	mg/kg	2.22	15-FEB-02 01:12	EPA 200.7 CLPM	02-017-04
Mercury	0.61	mg/kg	0.0270	12-FEB-02 00:00	EPA 245.1 CLPM	01-002-43
Selenium	UW R	mg/kg	1.60	13-FEB-02 00:00	EPA 270.2 CLPM	01-180-27
Analysis Comment: W-post spike recovery out of limits						
Silver	1.01 B	mg/kg	0.705	15-FEB-02 01:12	EPA 200.7 CLPM	02-017-04

Results calculated on a dry weight basis.

Page 1 of 1

QC *cal*

NY 10252

NJ 73168

PA 68180

EPA NY 00033

Approved by: *John McKen*

Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 05-MAR-2002

Lab Sample ID: L83430-14

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: B-01-1-4'-8'
Description: GRAB
Sampled On: 05-FEB-02 14:40 by CLIENT
Date Received: 06-FEB-02 11:49
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	86.5	%		06-FEB-02 00:00	CLP 3.0	01-202-32
Arsenic	2.1	mg/kg	0.400	18-FEB-02 00:00	EPA 206.2 CLPM	01-180-35
Barium	72.6 J	mg/kg	0.227	15-FEB-02 01:47	EPA 200.7 CLPM	02-017-04
Cadmium	1.23 J	mg/kg	0.567	15-FEB-02 01:47	EPA 200.7 CLPM	02-017-04
Chromium	8.64	mg/kg	1.13	15-FEB-02 01:47	EPA 200.7 CLPM	02-017-04
Lead	6.3 J	mg/kg	1.00	18-FEB-02 00:00	EPA 239.2 CLPM	01-016-12
Mercury	0.026 B	mg/kg	0.0200	12-FEB-02 00:00	EPA 245.1 CLPM	01-002-43
Selenium	UW R	mg/kg	1.50	14-FEB-02 00:00	EPA 270.2 CLPM	01-180-29
Analysis Comment: W-Post spike recovery out of limits.						
Silver	U	mg/kg	0.793	15-FEB-02 01:47	EPA 200.7 CLPM	02-017-04

Results calculated on a dry weight basis.

Page 1 of 1

QC *ear* NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: *John O'Keefe*
Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 05-MAR-2002

Lab Sample ID: L83430-6

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: B-01-2-01-2/
Description: GRAB
Sampled On: 05-FEB-02 14:27 by CLIENT
Date Received: 06-FEB-02 11:49
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	85.7	%		06-FEB-02 00:00	CLP 3.0	01-202-32
Arsenic	3.2	mg/kg	0.570	13-FEB-02 00:00	EPA 206.2 CLPM	01-178-34
Barium	64.7 J	mg/kg	0.196	15-FEB-02 01:06	EPA 200.7 CLPM	02-017-04
Cadmium	0.85 J	mg/kg	0.490	15-FEB-02 01:06	EPA 200.7 CLPM	02-017-04
Chromium	6.63	mg/kg	0.981	15-FEB-02 01:06	EPA 200.7 CLPM	02-017-04
Lead	24.9 J	mg/kg	2.16	15-FEB-02 01:06	EPA 200.7 CLPM	02-017-04
Mercury	0.1 R	mg/kg	0.0200	12-FEB-02 00:00	EPA 245.1 CLPM	01-002-43
Selenium	U	mg/kg	1.70	13-FEB-02 00:00	EPA 270.2 CLPM	01-180-27
Silver	U	mg/kg	0.686	15-FEB-02 01:06	EPA 200.7 CLPM	02-017-04

Results calculated on a dry weight basis.

QC oak

NY 10252

NJ 73168

PA 68180

Page 1 of 1
EPA NY 00033

Approved by: John A. Kuntz
Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 05-MAR-2002

Lab Sample ID: L83430-10

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: B-01-2-2'-4'
Description: GRAB
Sampled On: 05-FEB-02 14:27 by CLIENT
Date Received: 06-FEB-02 11:49
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	84.7	%		06-FEB-02 00:00	CLP 3.0	01-202-32
Arsenic	4.8	mg/kg	0.500	13-FEB-02 00:00	EPA 206.2 CLPM	01-178-34
Barium	88.6 J	mg/kg	0.221	15-FEB-02 01:32	EPA 200.7 CLPM	02-017-04
Cadmium	1.2 J	mg/kg	0.552	15-FEB-02 01:32	EPA 200.7 CLPM	02-017-04
Chromium	8.16	mg/kg	1.10	15-FEB-02 01:32	EPA 200.7 CLPM	02-017-04
Lead	249 J	mg/kg	2.43	15-FEB-02 03:23	EPA 200.7 CLPM	02-017-05
Mercury	0.081	mg/kg	0.0280	12-FEB-02 00:00	EPA 245.1 CLPM	01-002-43
Selenium	UW R	mg/kg	1.50	13-FEB-02 00:00	EPA 270.2 CLPM	01-180-27
Analysis Comment: W-post spike recovery out of limits						
Silver	U	mg/kg	0.772	15-FEB-02 01:32	EPA 200.7 CLPM	02-017-04

Results calculated on a dry weight basis.

Page 1 of 1

QC cal NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: 
Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 05-MAR-2002

Lab Sample ID: L83430-9

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: 8-01-2-4'-5'
Description: GRAB
Sampled On: 05-FEB-02 14:27 by CLIENT
Date Received: 06-FEB-02 11:49
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	82.5	%		06-FEB-02 00:00	CLP 3.0	01-202-32
Arsenic	1.9	mg/kg	0.220	13-FEB-02 00:00	EPA 206.2 CLPM	01-178-34
Barium	47.2 J	mg/kg	0.242	15-FEB-02 01:15	EPA 200.7 CLPM	02-017-04
Cadmium	0.638 J	mg/kg	0.606	15-FEB-02 01:15	EPA 200.7 CLPM	02-017-04
Chromium	7.48	mg/kg	1.21	15-FEB-02 01:15	EPA 200.7 CLPM	02-017-04
Lead	25 J	mg/kg	2.67	15-FEB-02 01:15	EPA 200.7 CLPM	02-017-04
Mercury	0.061	mg/kg	0.0250	12-FEB-02 00:00	EPA 245.1 CLPM	01-002-43
Selenium	UW R	mg/kg	1.70	13-FEB-02 00:00	EPA 270.2 CLPM	01-180-27
Analysis Comment: W-post spike recovery out of limits						
Silver	U	mg/kg	0.848	15-FEB-02 01:15	EPA 200.7 CLPM	02-017-04

Results calculated on a dry weight basis.

Page 1 of 1

QC lak NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: 
Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

The information in this report is accurate to the best of our knowledge and ability. In no event shall our liability exceed the cost of these services. Your samples will be discarded after 14 days unless we are advised otherwise.



ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 05-MAR-2002

Lab Sample ID: L83430-13

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: B-01-3-0'-2'
Description: GRAB
Sampled On: 05-FEB-02 14:20 by CLIENT
Date Received: 06-FEB-02 11:49
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	81.6	%		06-FEB-02 00:00	CLP 3.0	01-202-32
Arsenic	4.1	mg/kg	0.560	13-FEB-02 00:00	EPA 206.2 CLPM	01-178-34
Barium	109 J	mg/kg	0.236	15-FEB-02 01:44	EPA 200.7 CLPM	02-017-04
Cadmium	1.38 J	mg/kg	0.589	15-FEB-02 01:44	EPA 200.7 CLPM	02-017-04
Chromium	8.94	mg/kg	1.18	15-FEB-02 01:44	EPA 200.7 CLPM	02-017-04
Lead	123 J	mg/kg	2.59	15-FEB-02 03:35	EPA 200.7 CLPM	02-017-05
Mercury	0.64	mg/kg	0.0240	12-FEB-02 00:00	EPA 245.1 CLPM	01-002-43
Selenium	UW R	mg/kg	1.70	14-FEB-02 00:00	EPA 270.2 CLPM	01-180-29
Analysis Comment: W-Post spike recovery out of limits.						
Silver	0.846 B	mg/kg	0.825	15-FEB-02 01:44	EPA 200.7 CLPM	02-017-04

Results calculated on a dry weight basis.

Page 1 of 1

QC cal NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: John O'Keefe
Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 05-MAR-2002

Lab Sample ID: L83430-11

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: B-01-3-2'-4'
Description: GRAB
Sampled On: 05-FEB-02 14:20 by CLIENT
Date Received: 06-FEB-02 11:49
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	81	%		06-FEB-02 00:00	CLP 3.0	01-202-32
Arsenic	4.7	mg/kg	0.600	13-FEB-02 00:00	EPA 206.2 CLPM	01-178-34
Barium	55.2 J	mg/kg	0.220	15-FEB-02 03:26	EPA 200.7 CLPM	02-017-05
Cadmium	1.58 J	mg/kg	0.551	15-FEB-02 03:26	EPA 200.7 CLPM	02-017-05
Chromium	8.48	mg/kg	1.10	15-FEB-02 03:26	EPA 200.7 CLPM	02-017-05
Lead	51.2 J	mg/kg	2.43	15-FEB-02 03:26	EPA 200.7 CLPM	02-017-05
Mercury	0.12	mg/kg	0.0290	12-FEB-02 00:00	EPA 245.1 CLPM	01-002-43
Selenium	UW R	mg/kg	1.80	14-FEB-02 00:00	EPA 270.2 CLPM	01-180-29
Analysis Comment: W-Post spike recovery out of limits.						
Silver	0.79 B	mg/kg	0.772	15-FEB-02 03:26	EPA 200.7 CLPM	02-017-05

Results calculated on a dry weight basis.

Page 1 of 1

QC *cal*

NY 10252

NJ 73168

PA 68180

EPA NY 00033

Approved by: *John P. Kent*

Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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"Our family, caring about your analytical needs . . . Since 1963."



ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 05-MAR-2002

Lab Sample ID: L83430-12

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: B-01-3-4'-8'
Description: GRAB
Sampled On: 05-FEB-02 14:20 by CLIENT
Date Received: 06-FEB-02 11:49
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	79.9	%		06-FEB-02 00:00	CLP 3.0	01-202-32
Arsenic	4.5	mg/kg	0.560	13-FEB-02 00:00	EPA 206.2 CLPM	01-178-34
Barium	56.4 J	mg/kg	0.218	15-FEB-02 01:41	EPA 200.7 CLPM	02-017-04
Cadmium	1.05 J	mg/kg	0.544	15-FEB-02 01:41	EPA 200.7 CLPM	02-017-04
Chromium	6.5	mg/kg	1.09	15-FEB-02 01:41	EPA 200.7 CLPM	02-017-04
Lead	33.3 J	mg/kg	2.39	15-FEB-02 03:32	EPA 200.7 CLPM	02-017-05
Mercury	0.21	mg/kg	0.0220	12-FEB-02 00:00	EPA 245.1 CLPM	01-002-43
Selenium	U R	mg/kg	1.70	14-FEB-02 00:00	EPA 270.2 CLPM	01-180-29
Silver	0.913 B	mg/kg	0.762	15-FEB-02 01:41	EPA 200.7 CLPM	02-017-04

Results calculated on a dry weight basis.

Page 1 of 1

QC ee

NY 10252

NJ 73168

PA 68180

EPA NY 00033

Approved by: John O'Keefe
Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 05-MAR-2002

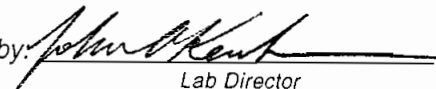
Lab Sample ID: L83430-1

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: S-01-1
Description: GRAB
Sampled On: 05-FEB-02 13:32 by CLIENT
Date Received: 06-FEB-02 11:49
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	87.7	%		06-FEB-02 00:00	CLP 3.0	01-202-32
Arsenic	2.9	mg/kg	0.550	13-FEB-02 00:00	EPA 206.2 CLPM	01-178-34
Barium	59.7 J	mg/kg	0.217	15-FEB-02 12:48	EPA 200.7 CLPM	02-017-04
Cadmium	1.57 J	mg/kg	0.543	15-FEB-02 12:48	EPA 200.7 CLPM	02-017-04
Chromium	11.6	mg/kg	1.09	15-FEB-02 12:48	EPA 200.7 CLPM	02-017-04
Lead	79.9 J	mg/kg	2.39	15-FEB-02 12:48	EPA 200.7 CLPM	02-017-04
Mercury	0.12	mg/kg	0.0220	12-FEB-02 00:00	EPA 245.1 CLPM	01-002-43
Selenium	UW R	mg/kg	1.70	13-FEB-02 00:00	EPA 270.2 CLPM	01-180-27
Analysis Comment: W-post spike recovery out of limits						
Silver	U	mg/kg	0.760	15-FEB-02 12:48	EPA 200.7 CLPM	02-017-04
JA OLM 4.2						
Chloromethane	U	ug/kg	11	07-FEB-02 22:32	VOA OLM 4.2	02-024-1925
Dichlorodifluoromethane	U	ug/kg	11	07-FEB-02 22:32	VOA OLM 4.2	02-024-1925
Bromomethane	U	ug/kg	11	07-FEB-02 22:32	VOA OLM 4.2	02-024-1925
Vinyl chloride	U	ug/kg	11	07-FEB-02 22:32	VOA OLM 4.2	02-024-1925
Chloroethane	U	ug/kg	11	07-FEB-02 22:32	VOA OLM 4.2	02-024-1925
Trichlorofluoromethane	U	ug/kg	11	07-FEB-02 22:32	VOA OLM 4.2	02-024-1925
Methylene chloride	5 JBU	ug/kg	11	07-FEB-02 22:32	VOA OLM 4.2	02-024-1925
Acetone	U	ug/kg	11	07-FEB-02 22:32	VOA OLM 4.2	02-024-1925
Carbon disulfide	U	ug/kg	11	07-FEB-02 22:32	VOA OLM 4.2	02-024-1925
Methyl Acetate	U	ug/kg	11	07-FEB-02 22:32	VOA OLM 4.2	02-024-1925
1,1-Dichloroethene	U	ug/kg	11	07-FEB-02 22:32	VOA OLM 4.2	02-024-1925
trans-1,2-Dichloroethene	U	ug/kg	11	07-FEB-02 22:32	VOA OLM 4.2	02-024-1925
MTBE (Methyl tert-butyl ether)	U	ug/kg	11	07-FEB-02 22:32	VOA OLM 4.2	02-024-1925
1,1-Dichloroethane	U	ug/kg	11	07-FEB-02 22:32	VOA OLM 4.2	02-024-1925
1,1,2-Trichloro-1,2,2-trifluoroethane	U	ug/kg	11	07-FEB-02 22:32	VOA OLM 4.2	02-024-1925
cis-1,2-Dichloroethene	U	ug/kg	11	07-FEB-02 22:32	VOA OLM 4.2	02-024-1925
MEK (2-Butanone)	U	ug/kg	11	07-FEB-02 22:32	VOA OLM 4.2	02-024-1925
Chloroform	U	ug/kg	11	07-FEB-02 22:32	VOA OLM 4.2	02-024-1925
1,1,1-Trichloroethane	U	ug/kg	11	07-FEB-02 22:32	VOA OLM 4.2	02-024-1925
Results calculated on a dry weight basis.						

QC ack NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: 
Lab Director

Y:	ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
	mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
	B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 05-MAR-2002

Lab Sample ID: L83430-1

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: S-01-1
Description: GRAB
Sampled On: 05-FEB-02 13:32 by CLIENT
Date Received: 06-FEB-02 11:49
P.O. No: 02-007-001

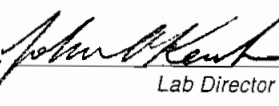
Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Cyclohexane	U	ug/kg	11	07-FEB-02 22:32	VOA OLM 4.2	02-024-1925
Carbon tetrachloride	U	ug/kg	11	07-FEB-02 22:32	VOA OLM 4.2	02-024-1925
Benzene	U	ug/kg	11	07-FEB-02 22:32	VOA OLM 4.2	02-024-1925
1,2-Dichloroethane	U	ug/kg	11	07-FEB-02 22:32	VOA OLM 4.2	02-024-1925
Trichloroethene	U	ug/kg	11	07-FEB-02 22:32	VOA OLM 4.2	02-024-1925
Methylcyclohexane	U	ug/kg	11	07-FEB-02 22:32	VOA OLM 4.2	02-024-1925
1,2-Dichloropropane	U	ug/kg	11	07-FEB-02 22:32	VOA OLM 4.2	02-024-1925
Bromodichloromethane	U	ug/kg	11	07-FEB-02 22:32	VOA OLM 4.2	02-024-1925
cis-1,3-Dichloropropene	U	ug/kg	11	07-FEB-02 22:32	VOA OLM 4.2	02-024-1925
MIBK(4-Methyl-2-pentanone)	U	ug/kg	11	07-FEB-02 22:32	VOA OLM 4.2	02-024-1925
Toluene	U	ug/kg	11	07-FEB-02 22:32	VOA OLM 4.2	02-024-1925
trans-1,3-Dichloropropene	U	ug/kg	11	07-FEB-02 22:32	VOA OLM 4.2	02-024-1925
1,1,2-Trichloroethane	U	ug/kg	11	07-FEB-02 22:32	VOA OLM 4.2	02-024-1925
Tetrachloroethene	U	ug/kg	11	07-FEB-02 22:32	VOA OLM 4.2	02-024-1925
2-Hexanone	U	ug/kg	11	07-FEB-02 22:32	VOA OLM 4.2	02-024-1925
Dibromochloromethane	U	ug/kg	11	07-FEB-02 22:32	VOA OLM 4.2	02-024-1925
1,2-Dibromoethane	U	ug/kg	11	07-FEB-02 22:32	VOA OLM 4.2	02-024-1925
Chlorobenzene	U	ug/kg	11	07-FEB-02 22:32	VOA OLM 4.2	02-024-1925
Ethylbenzene	U	ug/kg	11	07-FEB-02 22:32	VOA OLM 4.2	02-024-1925
p-Xylene/m-Xylene	U	ug/kg	11	07-FEB-02 22:32	VOA OLM 4.2	02-024-1925
o-Xylene	U	ug/kg	11	07-FEB-02 22:32	VOA OLM 4.2	02-024-1925
styrene	U	ug/kg	11	07-FEB-02 22:32	VOA OLM 4.2	02-024-1925
formoform	U	ug/kg	11	07-FEB-02 22:32	VOA OLM 4.2	02-024-1925
Isopropylbenzene	U	ug/kg	11	07-FEB-02 22:32	VOA OLM 4.2	02-024-1925
1,1,2,2-Tetrachloroethane	U	ug/kg	11	07-FEB-02 22:32	VOA OLM 4.2	02-024-1925
1,3-Dichlorobenzene	U	ug/kg	11	07-FEB-02 22:32	VOA OLM 4.2	02-024-1925
1,4-Dichlorobenzene	U	ug/kg	11	07-FEB-02 22:32	VOA OLM 4.2	02-024-1925
1,2-Dichlorobenzene	U	ug/kg	11	07-FEB-02 22:32	VOA OLM 4.2	02-024-1925
1,2-Dibromo-3-chloropropane	U	ug/kg	11	07-FEB-02 22:32	VOA OLM 4.2	02-024-1925
1,2,4-Trichlorobenzene	U	ug/kg	11	07-FEB-02 22:32	VOA OLM 4.2	02-024-1925

Library Search Compounds:	Result	Units	Qual	Retention Time
Naphthalene	44	ug/kg	NJ	25.06

Library Search Comment:One library search compound detected.

Results calculated on a dry weight basis.

QC oak NY 10252 NJ 73168 PA 68180 Page 2 of 6 EPA NY 00033

Approved by: 
Lab Director

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 05-MAR-2002

Lab Sample ID: L83430-1

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: S-01-1
Description: GRAB
Sampled On: 05-FEB-02 13:32 by CLIENT
Date Received: 06-FEB-02 11:49
P.O. No: 02-007-001

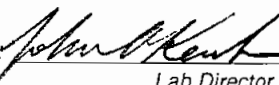
Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Surrogate Recovery:						
1,2-Dichloroethane-d4	108	%				02-024-1925
Toluene-d8	116	%				02-024-1925
4-Bromofluorobenzene	86	%				02-024-1925
Analysis Comment: Results Calculated on a dry weight basis.						

PEST/PCB OLM 4.2

alpha-BHC	U	ug/kg	39	01-MAR-02 00:00	PEST/PCB OLM 4.2	02-006-5258
beta-BHC	U	ug/kg	39	01-MAR-02 00:00	PEST/PCB OLM 4.2	02-006-5258
Lindane (gamma-BHC)	U	ug/kg	39	01-MAR-02 00:00	PEST/PCB OLM 4.2	02-006-5258
delta-BHC	U	ug/kg	39	01-MAR-02 00:00	PEST/PCB OLM 4.2	02-006-5258
Heptachlor	U	ug/kg	39	01-MAR-02 00:00	PEST/PCB OLM 4.2	02-006-5258
Aldrin	U	ug/kg	39	01-MAR-02 00:00	PEST/PCB OLM 4.2	02-006-5258
Heptachlor epoxide	U	ug/kg	39	01-MAR-02 00:00	PEST/PCB OLM 4.2	02-006-5258
alpha-Chlordane	U	ug/kg	39	01-MAR-02 00:00	PEST/PCB OLM 4.2	02-006-5258
Endosulfan I	U	ug/kg	39	01-MAR-02 00:00	PEST/PCB OLM 4.2	02-006-5258
gamma-Chlordane	U	ug/kg	39	01-MAR-02 00:00	PEST/PCB OLM 4.2	02-006-5258
4,4'-DDE	190 J	ug/kg	75	01-MAR-02 00:00	PEST/PCB OLM 4.2	02-006-5258
Dieldrin	U	ug/kg	75	01-MAR-02 00:00	PEST/PCB OLM 4.2	02-006-5258
drin	U	ug/kg	75	01-MAR-02 00:00	PEST/PCB OLM 4.2	02-006-5258
Endosulfan II	U	ug/kg	75	01-MAR-02 00:00	PEST/PCB OLM 4.2	02-006-5258
4,4'-DDD	820 J	ug/kg	750	01-MAR-02 00:00	PEST/PCB OLM 4.2	02-006-5257
Endrin aldehyde	U	ug/kg	75	01-MAR-02 00:00	PEST/PCB OLM 4.2	02-006-5258
Endosulfan sulfate	U	ug/kg	75	01-MAR-02 00:00	PEST/PCB OLM 4.2	02-006-5258
4,4'-DDT	2900 J	ug/kg	750	01-MAR-02 00:00	PEST/PCB OLM 4.2	02-006-5257
Endrin Ketone	U	ug/kg	75	01-MAR-02 00:00	PEST/PCB OLM 4.2	02-006-5258
Methoxychlor	U	ug/kg	390	01-MAR-02 00:00	PEST/PCB OLM 4.2	02-006-5258
Toxaphene	U	ug/kg	3900	01-MAR-02 00:00	PEST/PCB OLM 4.2	02-006-5258
PCB 1016	U	ug/kg	750	01-MAR-02 00:00	PEST/PCB OLM 4.2	02-006-5258
PCB 1221	U	ug/kg	1500	01-MAR-02 00:00	PEST/PCB OLM 4.2	02-006-5258
PCB 1232	U	ug/kg	750	01-MAR-02 00:00	PEST/PCB OLM 4.2	02-006-5258
PCB 1242	U	ug/kg	750	01-MAR-02 00:00	PEST/PCB OLM 4.2	02-006-5258
PCB 1248	U	ug/kg	750	01-MAR-02 00:00	PEST/PCB OLM 4.2	02-006-5258
PCB 1254	U	ug/kg	750	01-MAR-02 00:00	PEST/PCB OLM 4.2	02-006-5258
PCB 1260	U	ug/kg	750	01-MAR-02 00:00	PEST/PCB OLM 4.2	02-006-5258

Results calculated on a dry weight basis.

QC real NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: 

Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 05-MAR-2002

Lab Sample ID: L83430-1

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: S-01-1
Description: GRAB
Sampled On: 05-FEB-02 13:32 by CLIENT
Date Received: 06-FEB-02 11:49
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Extraction Information:				07-FEB-02 00:00		01-194-51
Surrogate Recovery:						
Tetrachloro-m-xylene	81	%				02-006-5258
Tetrachloro-m-xylene	88	%				02-006-5257
Decachlorobiphenyl	183 D	%				02-006-5258
Decachlorobiphenyl	189 D	%				02-006-5257
Analysis Comment: D-diluted out.						
SVOA OLM 4.2						
Bis(2-chloroethylether)	U	ug/kg	760	14-FEB-02 20:42	SVOA OLM 4.2	02-011-1181
Benzaldehyde	U	ug/kg	760	14-FEB-02 20:42	SVOA OLM 4.2	02-011-1181
Phenol	U	ug/kg	760	14-FEB-02 20:42	SVOA OLM 4.2	02-011-1181
2-Chlorophenol	U	ug/kg	760	14-FEB-02 20:42	SVOA OLM 4.2	02-011-1181
2-Methylphenol	U	ug/kg	760	14-FEB-02 20:42	SVOA OLM 4.2	02-011-1181
2,2'Oxybis(1-Chloropropane)	U	ug/kg	760	14-FEB-02 20:42	SVOA OLM 4.2	02-011-1181
Hexachloroethane	U	ug/kg	760	14-FEB-02 20:42	SVOA OLM 4.2	02-011-1181
N-Nitrosodi-N-propylamine	U	ug/kg	760	14-FEB-02 20:42	SVOA OLM 4.2	02-011-1181
etophenone	U	ug/kg	760	14-FEB-02 20:42	SVOA OLM 4.2	02-011-1181
-Methylphenol	U	ug/kg	760	14-FEB-02 20:42	SVOA OLM 4.2	02-011-1181
Nitrobenzene	U	ug/kg	760	14-FEB-02 20:42	SVOA OLM 4.2	02-011-1181
Isophorone	U	ug/kg	760	14-FEB-02 20:42	SVOA OLM 4.2	02-011-1181
2-Nitrophenol	U	ug/kg	760	14-FEB-02 20:42	SVOA OLM 4.2	02-011-1181
2,4-Dimethylphenol	U	ug/kg	760	14-FEB-02 20:42	SVOA OLM 4.2	02-011-1181
Bis(2-chloroethoxymethane)	U	ug/kg	760	14-FEB-02 20:42	SVOA OLM 4.2	02-011-1181
2,4-Dichlorophenol	U	ug/kg	760	14-FEB-02 20:42	SVOA OLM 4.2	02-011-1181
Naphthalene	U	ug/kg	760	14-FEB-02 20:42	SVOA OLM 4.2	02-011-1181
4-Chloroaniline	U	ug/kg	760	14-FEB-02 20:42	SVOA OLM 4.2	02-011-1181
Hexachlorobutadiene	U	ug/kg	760	14-FEB-02 20:42	SVOA OLM 4.2	02-011-1181
Caprolactam	U	ug/kg	760	14-FEB-02 20:42	SVOA OLM 4.2	02-011-1181
4-Chloro-3-methylphenol	U	ug/kg	760	14-FEB-02 20:42	SVOA OLM 4.2	02-011-1181
2-Methylnaphthalene	U	ug/kg	760	14-FEB-02 20:42	SVOA OLM 4.2	02-011-1181
Hexachlorocyclopentadiene	U	ug/kg	760	14-FEB-02 20:42	SVOA OLM 4.2	02-011-1181
2,4,6-Trichlorophenol	U	ug/kg	760	14-FEB-02 20:42	SVOA OLM 4.2	02-011-1181
2,4,5-Trichlorophenol	U	ug/kg	1900	14-FEB-02 20:42	SVOA OLM 4.2	02-011-1181
2-Chloronaphthalene	U	ug/kg	760	14-FEB-02 20:42	SVOA OLM 4.2	02-011-1181
1,1'-Biphenyl	U	ug/kg	760	14-FEB-02 20:42	SVOA OLM 4.2	02-011-1181
2-Nitroaniline	U	ug/kg	1900	14-FEB-02 20:42	SVOA OLM 4.2	02-011-1181
Dimethyl phthalate	U	ug/kg	760	14-FEB-02 20:42	SVOA OLM 4.2	02-011-1181
Acenaphthylene	U	ug/kg	760	14-FEB-02 20:42	SVOA OLM 4.2	02-011-1181
Results calculated on a dry weight basis.						

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 05-MAR-2002

Lab Sample ID: L83430-1

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: S-01-1
Description: GRAB
Sampled On: 05-FEB-02 13:32 by CLIENT
Date Received: 06-FEB-02 11:49
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
2,6-Dinitrotoluene	U	ug/kg	760	14-FEB-02 20:42	SVOA OLM 4.2	02-011-1181
3-Nitroaniline	U	ug/kg	1900	14-FEB-02 20:42	SVOA OLM 4.2	02-011-1181
Acenaphthene	150 J	ug/kg	760	14-FEB-02 20:42	SVOA OLM 4.2	02-011-1181
2,4-Dinitrophenol	U	ug/kg	1900	14-FEB-02 20:42	SVOA OLM 4.2	02-011-1181
Dibenzofuran	290 J	ug/kg	760	14-FEB-02 20:42	SVOA OLM 4.2	02-011-1181
2,4-Dinitrotoluene	U	ug/kg	760	14-FEB-02 20:42	SVOA OLM 4.2	02-011-1181
4-Nitrophenol	U	ug/kg	1900	14-FEB-02 20:42	SVOA OLM 4.2	02-011-1181
Diethyl phthalate	U	ug/kg	760	14-FEB-02 20:42	SVOA OLM 4.2	02-011-1181
Fluorene	610 J	ug/kg	760	14-FEB-02 20:42	SVOA OLM 4.2	02-011-1181
4-Chlorophenylphenylether	U	ug/kg	760	14-FEB-02 20:42	SVOA OLM 4.2	02-011-1181
4-Nitroaniline	U	ug/kg	1900	14-FEB-02 20:42	SVOA OLM 4.2	02-011-1181
2-Methyl-4,6-dinitrophenol	U	ug/kg	1900	14-FEB-02 20:42	SVOA OLM 4.2	02-011-1181
N-Nitrosodiphenylamine	U	ug/kg	760	14-FEB-02 20:42	SVOA OLM 4.2	02-011-1181
4-Bromophenylphenylether	U	ug/kg	760	14-FEB-02 20:42	SVOA OLM 4.2	02-011-1181
Hexachlorobenzene	U	ug/kg	760	14-FEB-02 20:42	SVOA OLM 4.2	02-011-1181
Atrazine	U	ug/kg	760	14-FEB-02 20:42	SVOA OLM 4.2	02-011-1181
Pentachlorophenol	U	ug/kg	1900	14-FEB-02 20:42	SVOA OLM 4.2	02-011-1181
Phenanthrene	3600	ug/kg	760	14-FEB-02 20:42	SVOA OLM 4.2	02-011-1181
Anthracene	840	ug/kg	760	14-FEB-02 20:42	SVOA OLM 4.2	02-011-1181
Carbazole	390 J	ug/kg	760	14-FEB-02 20:42	SVOA OLM 4.2	02-011-1181
Di-n-butyl phthalate	U	ug/kg	760	14-FEB-02 20:42	SVOA OLM 4.2	02-011-1181
Fluoranthene	3700	ug/kg	760	14-FEB-02 20:42	SVOA OLM 4.2	02-011-1181
Pyrene	4300	ug/kg	760	14-FEB-02 20:42	SVOA OLM 4.2	02-011-1181
Butylbenzyl phthalate	570 J	ug/kg	760	14-FEB-02 20:42	SVOA OLM 4.2	02-011-1181
Benzo(a)anthracene	2100	ug/kg	760	14-FEB-02 20:42	SVOA OLM 4.2	02-011-1181
3,3-Dichlorobenzidine	U	ug/kg	760	14-FEB-02 20:42	SVOA OLM 4.2	02-011-1181
Chrysene	2100	ug/kg	760	14-FEB-02 20:42	SVOA OLM 4.2	02-011-1181
Bis-2-ethylhexyl phthalate	U	ug/kg	760	14-FEB-02 20:42	SVOA OLM 4.2	02-011-1181
Di-n-octyl phthalate	U	ug/kg	760	14-FEB-02 20:42	SVOA OLM 4.2	02-011-1181
Benzo(b)fluoranthene	3100	ug/kg	760	14-FEB-02 20:42	SVOA OLM 4.2	02-011-1181
Benzo(k)fluoranthene	980	ug/kg	760	14-FEB-02 20:42	SVOA OLM 4.2	02-011-1181
Benzo(a)pyrene	1700	ug/kg	760	14-FEB-02 20:42	SVOA OLM 4.2	02-011-1181
Indeno(1,2,3-cd)pyrene	1100	ug/kg	760	14-FEB-02 20:42	SVOA OLM 4.2	02-011-1181
Dibenzo(a,h)anthracene	190 J	ug/kg	760	14-FEB-02 20:42	SVOA OLM 4.2	02-011-1181
Benzo(g,h,i)perylene	660 J	ug/kg	760	14-FEB-02 20:42	SVOA OLM 4.2	02-011-1181

Extraction Information:

08-FEB-02 00:00

01-133-78

Results calculated on a dry weight basis.

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NY 10252

NJ 73168

PA 68180

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EPA NY 00033

Approved by:

Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 05-MAR-2002

Lab Sample ID: L83430-1

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: S-01-1
Description: GRAB
Sampled On: 05-FEB-02 13:32 by CLIENT
Date Received: 06-FEB-02 11:49
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Library Search Compounds:	Result	Units	Qual	Retention Time		
Library Search Compounds:	Result	Units	Qual	Retention Time		
Dibenzothiophene	340	ug/kg	NJ	23.14		
2-methyl Anthracene	400	ug/kg	NJ	25.09		
1-methyl Anthracene	510	ug/kg	NJ	25.17		
Unknown PAH	800	ug/kg	J	25.37		
4-methyl Phenanthrene	260	ug/kg	J	25.48		
Hexadecanoic Acid	280	ug/kg	NJB	25.8		
2-Phenylnaphthalene	290	ug/kg	NJ	26.08		
11H-Benzo-[b]fluorene	380	ug/kg	NJ	29.03		
1-methyl pyrene	300	ug/kg	J	29.23		
Benzo[b]naphtho[2,1-d]thiopene	180	ug/kg	NJ	30.9		
Unknown PAH	230	ug/kg	J	31.02		
2-methyl Chrysene	160	ug/kg	NJ	32.96		
Benzo [e] pyrene	400	ug/kg	NJ	35.52		

Library Search Comment: 13 library search compounds detected.

Surrogate Recovery:

2-Fluorophenol	62	%	02-011-1181
Phenol-d5	66	%	02-011-1181
2-Chlorophenol-d4	75	%	02-011-1181
1,2-Dichlorobenzene-d4	57	%	02-011-1181
Nitrobenzene-d5	63	%	02-011-1181
2-Fluorobiphenyl	64	%	02-011-1181
2,4,6-Tribromophenol	69	%	02-011-1181
Terphenyl-d14	78	%	02-011-1181

Analysis Comment: Results Calculated on a dry weight basis.

Results calculated on a dry weight basis.

QC car NY 10252 NJ 73168 PA 68180 EPA NY 00033
Page 6 of 6

Approved by: John A. Kent
Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 05-MAR-2002

Lab Sample ID: L83430-3

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: S-01-2
Description: GRAB
Sampled On: 05-FEB-02 13:51 by CLIENT
Date Received: 06-FEB-02 11:49
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	85.6	%		06-FEB-02 00:00	CLP 3.0	01-202-32
Arsenic	4.3	mg/kg	0.550	13-FEB-02 00:00	EPA 206.2 CLPM	01-178-34
Barium	132 J	mg/kg	0.229	15-FEB-02 12:54	EPA 200.7 CLPM	02-017-04
Cadmium	2.41	mg/kg	0.573	15-FEB-02 12:54	EPA 200.7 CLPM	02-017-04
Chromium	12.5	mg/kg	1.15	15-FEB-02 12:54	EPA 200.7 CLPM	02-017-04
Lead	67 J	mg/kg	2.52	15-FEB-02 12:54	EPA 200.7 CLPM	02-017-04
Mercury	1.32	mg/kg	0.0180	12-FEB-02 00:00	EPA 245.1 CLPM	01-002-43
Selenium	U R	mg/kg	1.60	13-FEB-02 00:00	EPA 270.2 CLPM	01-180-27
Silver	0.992 B	mg/kg	0.802	15-FEB-02 12:54	EPA 200.7 CLPM	02-017-04
VOA OLM 4.2						
Iodomethane	U	ug/kg	12	07-FEB-02 23:38	VOA OLM 4.2	02-024-1927
Dichlorodifluoromethane	U	ug/kg	12	07-FEB-02 23:38	VOA OLM 4.2	02-024-1927
Bromomethane	U	ug/kg	12	07-FEB-02 23:38	VOA OLM 4.2	02-024-1927
Vinyl chloride	U	ug/kg	12	07-FEB-02 23:38	VOA OLM 4.2	02-024-1927
Chloroethane	U	ug/kg	12	07-FEB-02 23:38	VOA OLM 4.2	02-024-1927
Trichlorofluoromethane	U	ug/kg	12	07-FEB-02 23:38	VOA OLM 4.2	02-024-1927
Methylene chloride	7 JB U	ug/kg	12	07-FEB-02 23:38	VOA OLM 4.2	02-024-1927
Acetone	U	ug/kg	12	07-FEB-02 23:38	VOA OLM 4.2	02-024-1927
Carbon disulfide	U	ug/kg	12	07-FEB-02 23:38	VOA OLM 4.2	02-024-1927
Methyl Acetate	U	ug/kg	12	07-FEB-02 23:38	VOA OLM 4.2	02-024-1927
1,1-Dichloroethene	U	ug/kg	12	07-FEB-02 23:38	VOA OLM 4.2	02-024-1927
trans-1,2-Dichloroethene	U	ug/kg	12	07-FEB-02 23:38	VOA OLM 4.2	02-024-1927
MtBE(Methyl tert-butyl ether)	U	ug/kg	12	07-FEB-02 23:38	VOA OLM 4.2	02-024-1927
1,1-Dichloroethane	U	ug/kg	12	07-FEB-02 23:38	VOA OLM 4.2	02-024-1927
1,1,2-Trichloro-1,2,2-trifluoroethane	U	ug/kg	12	07-FEB-02 23:38	VOA OLM 4.2	02-024-1927
cis-1,2-Dichloroethene	U	ug/kg	12	07-FEB-02 23:38	VOA OLM 4.2	02-024-1927
MEK(2-Butanone)	U	ug/kg	12	07-FEB-02 23:38	VOA OLM 4.2	02-024-1927
Chloroform	U	ug/kg	12	07-FEB-02 23:38	VOA OLM 4.2	02-024-1927
1,1,1-Trichloroethane	U	ug/kg	12	07-FEB-02 23:38	VOA OLM 4.2	02-024-1927
Cyclohexane	U	ug/kg	12	07-FEB-02 23:38	VOA OLM 4.2	02-024-1927
Carbon tetrachloride	U	ug/kg	12	07-FEB-02 23:38	VOA OLM 4.2	02-024-1927
Benzene	U	ug/kg	12	07-FEB-02 23:38	VOA OLM 4.2	02-024-1927
Results calculated on a dry weight basis.						

Page 1 of 6

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NY 10252

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EPA NY 00033

Approved by: *John P. Kent*

Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 05-MAR-2002

Lab Sample ID: L83430-3

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: S-01-2
Description: GRAB
Sampled On: 05-FEB-02 13:51 by CLIENT
Date Received: 06-FEB-02 11:49
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
1,2-Dichloroethane	U	ug/kg	12	07-FEB-02 23:38	VOA OLM 4.2	02-024-1927
Trichloroethene	U	ug/kg	12	07-FEB-02 23:38	VOA OLM 4.2	02-024-1927
Methylcyclohexane	U	ug/kg	12	07-FEB-02 23:38	VOA OLM 4.2	02-024-1927
1,2-Dichloropropane	U	ug/kg	12	07-FEB-02 23:38	VOA OLM 4.2	02-024-1927
Bromodichloromethane	U	ug/kg	12	07-FEB-02 23:38	VOA OLM 4.2	02-024-1927
cis-1,3-Dichloropropene	U	ug/kg	12	07-FEB-02 23:38	VOA OLM 4.2	02-024-1927
MIBK(4-Methyl-2-pentanone)	U	ug/kg	12	07-FEB-02 23:38	VOA OLM 4.2	02-024-1927
Toluene	U	ug/kg	12	07-FEB-02 23:38	VOA OLM 4.2	02-024-1927
trans-1,3-Dichloropropene	U	ug/kg	12	07-FEB-02 23:38	VOA OLM 4.2	02-024-1927
1,1,2-Trichloroethane	U	ug/kg	12	07-FEB-02 23:38	VOA OLM 4.2	02-024-1927
Tetrachloroethene	U	ug/kg	12	07-FEB-02 23:38	VOA OLM 4.2	02-024-1927
2-Hexanone	U	ug/kg	12	07-FEB-02 23:38	VOA OLM 4.2	02-024-1927
Dibromochloromethane	U	ug/kg	12	07-FEB-02 23:38	VOA OLM 4.2	02-024-1927
1,2-Dibromoethane	U	ug/kg	12	07-FEB-02 23:38	VOA OLM 4.2	02-024-1927
Chlorobenzene	U	ug/kg	12	07-FEB-02 23:38	VOA OLM 4.2	02-024-1927
Ethylbenzene	U	ug/kg	12	07-FEB-02 23:38	VOA OLM 4.2	02-024-1927
p-Xylene/m-Xylene	U	ug/kg	12	07-FEB-02 23:38	VOA OLM 4.2	02-024-1927
o-Xylene	U	ug/kg	12	07-FEB-02 23:38	VOA OLM 4.2	02-024-1927
Styrene	U	ug/kg	12	07-FEB-02 23:38	VOA OLM 4.2	02-024-1927
Bromoform	U	ug/kg	12	07-FEB-02 23:38	VOA OLM 4.2	02-024-1927
Isopropylbenzene	U	ug/kg	12	07-FEB-02 23:38	VOA OLM 4.2	02-024-1927
1,2,2-Tetrachloroethane	U	ug/kg	12	07-FEB-02 23:38	VOA OLM 4.2	02-024-1927
1,3-Dichlorobenzene	U	ug/kg	12	07-FEB-02 23:38	VOA OLM 4.2	02-024-1927
1,4-Dichlorobenzene	U	ug/kg	12	07-FEB-02 23:38	VOA OLM 4.2	02-024-1927
1,2-Dichlorobenzene	U	ug/kg	12	07-FEB-02 23:38	VOA OLM 4.2	02-024-1927
1,2-Dibromo-3-chloropropane	U	ug/kg	12	07-FEB-02 23:38	VOA OLM 4.2	02-024-1927
1,2,4-Trichlorobenzene	U	ug/kg	12	07-FEB-02 23:38	VOA OLM 4.2	02-024-1927

Library Search Compounds:	Result	Units	Qual	Retention Time

No library search compounds detected.

Surrogate Recovery:

1,2-Dichloroethane-d4	108	%	02-024-1927
Toluene-d8	127	%	02-024-1927
4-Bromofluorobenzene	79	%	02-024-1927

Analysis Comment: Results Calculated on a dry weight basis. Internal standard 2,3 recovery below limits. Confirmed by files D1928 and D1929.

Results calculated on a dry weight basis.

QC oak NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: John A. Kent
Lab Director

f:	ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
	mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
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FAX (607) 565-4083

Date: 05-MAR-2002

Lab Sample ID: L83430-3

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: S-01-2
Description: GRAB
Sampled On: 05-FEB-02 13:51 by CLIENT
Date Received: 06-FEB-02 11:49
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
PEST/PCB OLM 4.2						
alpha-BHC	U	ug/kg	2	21-FEB-02 00:00	PEST/PCB OLM 4.2	02-006-5190
beta-BHC	U	ug/kg	2	21-FEB-02 00:00	PEST/PCB OLM 4.2	02-006-5190
Lindane (gamma-BHC)	U	ug/kg	2	21-FEB-02 00:00	PEST/PCB OLM 4.2	02-006-5190
delta-BHC	U	ug/kg	2	21-FEB-02 00:00	PEST/PCB OLM 4.2	02-006-5190
Heptachlor	U	ug/kg	2	21-FEB-02 00:00	PEST/PCB OLM 4.2	02-006-5190
Aldrin	U	ug/kg	2	21-FEB-02 00:00	PEST/PCB OLM 4.2	02-006-5190
Heptachlor epoxide	U	ug/kg	2	21-FEB-02 00:00	PEST/PCB OLM 4.2	02-006-5190
alpha-Chlordane	U	ug/kg	2	21-FEB-02 00:00	PEST/PCB OLM 4.2	02-006-5190
Endosulfan I	U	ug/kg	2	21-FEB-02 00:00	PEST/PCB OLM 4.2	02-006-5190
gamma-Chlordane	U	ug/kg	2	21-FEB-02 00:00	PEST/PCB OLM 4.2	02-006-5190
4,4'-DDE	U	ug/kg	3.8	21-FEB-02 00:00	PEST/PCB OLM 4.2	02-006-5190
Dieldrin	U	ug/kg	3.8	21-FEB-02 00:00	PEST/PCB OLM 4.2	02-006-5190
Endrin	U	ug/kg	3.8	21-FEB-02 00:00	PEST/PCB OLM 4.2	02-006-5190
Endosulfan II	U	ug/kg	3.8	21-FEB-02 00:00	PEST/PCB OLM 4.2	02-006-5190
4,4'-DDD	U	ug/kg	3.8	21-FEB-02 00:00	PEST/PCB OLM 4.2	02-006-5190
Endrin aldehyde	U	ug/kg	3.8	21-FEB-02 00:00	PEST/PCB OLM 4.2	02-006-5190
Endosulfan sulfate	U	ug/kg	3.8	21-FEB-02 00:00	PEST/PCB OLM 4.2	02-006-5190
4,4'-DDT	U	ug/kg	3.8	21-FEB-02 00:00	PEST/PCB OLM 4.2	02-006-5190
Endrin Ketone	U	ug/kg	3.8	21-FEB-02 00:00	PEST/PCB OLM 4.2	02-006-5190
toxochlor	U	ug/kg	20	21-FEB-02 00:00	PEST/PCB OLM 4.2	02-006-5190
oxaphene	U	ug/kg	200	21-FEB-02 00:00	PEST/PCB OLM 4.2	02-006-5190
PCB 1016	U	ug/kg	38	21-FEB-02 00:00	PEST/PCB OLM 4.2	02-006-5190
PCB 1221	U	ug/kg	78	21-FEB-02 00:00	PEST/PCB OLM 4.2	02-006-5190
PCB 1232	U	ug/kg	38	21-FEB-02 00:00	PEST/PCB OLM 4.2	02-006-5190
PCB 1242	U	ug/kg	38	21-FEB-02 00:00	PEST/PCB OLM 4.2	02-006-5190
PCB 1248	U	ug/kg	38	21-FEB-02 00:00	PEST/PCB OLM 4.2	02-006-5190
PCB 1254	U	ug/kg	38	21-FEB-02 00:00	PEST/PCB OLM 4.2	02-006-5190
PCB 1260	U	ug/kg	38	21-FEB-02 00:00	PEST/PCB OLM 4.2	02-006-5190

Extraction Information:

07-FEB-02 00:00

01-194-51

Surrogate Recovery:

Tetrachloro-m-xylene	112	%	02-006-5190
Decachlorobiphenyl	124	%	02-006-5190

Results calculated on a dry weight basis.

QC ear

NY 10252

NJ 73168

PA 68180

Page 3 of 6
EPA NY 00033

Approved by: John A. Kent

Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
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ONE RESEARCH CIRCL.
TELEPHONE (607) 565-3500

Lab Sample ID: L83430-3

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source
Origin:
Description: GK.
Sampled On: 05-FEB
Date Received: 06-FEB-02
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	
SVOA OLM 4.2						
Bis(2-chloroethylether)	U	ug/kg	390	12-FEB-02 17:00	SVOA OLM 4.2	02-01
Benzaldehyde	U	ug/kg	390	12-FEB-02 17:00	SVOA OLM 4.2	02-01
Phenol	U	ug/kg	390	12-FEB-02 17:00	SVOA OLM 4.2	02-011
2-Chlorophenol	U	ug/kg	390	12-FEB-02 17:00	SVOA OLM 4.2	02-011
2-Methylphenol	U	ug/kg	390	12-FEB-02 17:00	SVOA OLM 4.2	02-011
2,2'Oxybis(1-Chloropropane)	U	ug/kg	390	12-FEB-02 17:00	SVOA OLM 4.2	02-011
Hexachloroethane	U	ug/kg	390	12-FEB-02 17:00	SVOA OLM 4.2	02-011
N-Nitrosodi-N-propylamine	U	ug/kg	390	12-FEB-02 17:00	SVOA OLM 4.2	02-011
Acetophenone	U	ug/kg	390	12-FEB-02 17:00	SVOA OLM 4.2	02-011
4-Methylphenol	U	ug/kg	390	12-FEB-02 17:00	SVOA OLM 4.2	02-011
Nitrobenzene	U	ug/kg	390	12-FEB-02 17:00	SVOA OLM 4.2	02-011
Isophorone	U	ug/kg	390	12-FEB-02 17:00	SVOA OLM 4.2	02-011
2-Nitrophenol	U	ug/kg	390	12-FEB-02 17:00	SVOA OLM 4.2	02-011
2,4-Dimethylphenol	U	ug/kg	390	12-FEB-02 17:00	SVOA OLM 4.2	02-011
Bis(2-chloroethoxymethane)	U	ug/kg	390	12-FEB-02 17:00	SVOA OLM 4.2	02-011
2,4-Dichlorophenol	U	ug/kg	390	12-FEB-02 17:00	SVOA OLM 4.2	02-011
Naphthalene	U	ug/kg	390	12-FEB-02 17:00	SVOA OLM 4.2	02-011
4-Chloroaniline	U	ug/kg	390	12-FEB-02 17:00	SVOA OLM 4.2	02-011
Hexachlorobutadiene	U	ug/kg	390	12-FEB-02 17:00	SVOA OLM 4.2	02-011
Caprolactam	U	ug/kg	390	12-FEB-02 17:00	SVOA OLM 4.2	02-011
4-Chloro-3-methylphenol	U	ug/kg	390	12-FEB-02 17:00	SVOA OLM 4.2	02-011
2-Methylnaphthalene	U	ug/kg	390	12-FEB-02 17:00	SVOA OLM 4.2	02-011
Hexachlorocyclopentadiene	U	ug/kg	390	12-FEB-02 17:00	SVOA OLM 4.2	02-011
2,4,6-Trichlorophenol	U	ug/kg	390	12-FEB-02 17:00	SVOA OLM 4.2	02-011
2,4,5-Trichlorophenol	U	ug/kg	970	12-FEB-02 17:00	SVOA OLM 4.2	02-011
2-Chloronaphthalene	U	ug/kg	390	12-FEB-02 17:00	SVOA OLM 4.2	02-011
1,1'-Biphenyl	U	ug/kg	390	12-FEB-02 17:00	SVOA OLM 4.2	02-011
2-Nitroaniline	U	ug/kg	970	12-FEB-02 17:00	SVOA OLM 4.2	02-011
Dimethyl phthalate	U	ug/kg	390	12-FEB-02 17:00	SVOA OLM 4.2	02-011
Acenaphthylene	U	ug/kg	390	12-FEB-02 17:00	SVOA OLM 4.2	02-011
2,6-Dinitrotoluene	U	ug/kg	390	12-FEB-02 17:00	SVOA OLM 4.2	02-011
3-Nitroaniline	U	ug/kg	970	12-FEB-02 17:00	SVOA OLM 4.2	02-011
Acenaphthene	U	ug/kg	390	12-FEB-02 17:00	SVOA OLM 4.2	02-011
2,4-Dinitrophenol	U	ug/kg	970	12-FEB-02 17:00	SVOA OLM 4.2	02-011
Dibenzofuran	U	ug/kg	390	12-FEB-02 17:00	SVOA OLM 4.2	02-011
2,4-Dinitrotoluene	U	ug/kg	390	12-FEB-02 17:00	SVOA OLM 4.2	02-011
4-Nitrophenol	U	ug/kg	970	12-FEB-02 17:00	SVOA OLM 4.2	02-011
Diethyl phthalate	U	ug/kg	390	12-FEB-02 17:00	SVOA OLM 4.2	02-011
Fluorene	U	ug/kg	390	12-FEB-02 17:00	SVOA OLM 4.2	02-011
4-Chlorophenylphenylether	U	ug/kg	390	12-FEB-02 17:00	SVOA OLM 4.2	02-011
4-Nitroaniline	U	ug/kg	970	12-FEB-02 17:00	SVOA OLM 4.2	02-011
Results calculated on a dry weight basis.						

Page 4 of 6

QC car

NY 10252

NJ 73168

PA 68180

EPA NY 00033

Approved by:

John B. Kent
Lab Director

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

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"Our family, caring about your analytical needs . . . Since 1963."



ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 05-MAR-2002

Lab Sample ID: L83430-3

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: S-01-2
Description: GRAB
Sampled On: 05-FEB-02 13:51 by CLIENT
Date Received: 06-FEB-02 11:49
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
2-Methyl-4,6-dinitrophenol	U	ug/kg	970	12-FEB-02 17:00	SVOA OLM 4.2	02-011-1155
N-Nitrosodiphenylamine	U	ug/kg	390	12-FEB-02 17:00	SVOA OLM 4.2	02-011-1155
4-Bromophenylphenylether	U	ug/kg	390	12-FEB-02 17:00	SVOA OLM 4.2	02-011-1155
Hexachlorobenzene	U	ug/kg	390	12-FEB-02 17:00	SVOA OLM 4.2	02-011-1155
Atrazine	U	ug/kg	390	12-FEB-02 17:00	SVOA OLM 4.2	02-011-1155
Pentachlorophenol	U	ug/kg	970	12-FEB-02 17:00	SVOA OLM 4.2	02-011-1155
Phenanthrene	81 J	ug/kg	390	12-FEB-02 17:00	SVOA OLM 4.2	02-011-1155
Anthracene	U	ug/kg	390	12-FEB-02 17:00	SVOA OLM 4.2	02-011-1155
Carbazole	U	ug/kg	390	12-FEB-02 17:00	SVOA OLM 4.2	02-011-1155
Di-n-butyl phthalate	U	ug/kg	390	12-FEB-02 17:00	SVOA OLM 4.2	02-011-1155
Fluoranthene	130 J	ug/kg	390	12-FEB-02 17:00	SVOA OLM 4.2	02-011-1155
Pyrene	130 J	ug/kg	390	12-FEB-02 17:00	SVOA OLM 4.2	02-011-1155
Butylbenzyl phthalate	U	ug/kg	390	12-FEB-02 17:00	SVOA OLM 4.2	02-011-1155
Benzo(a)anthracene	74 J	ug/kg	390	12-FEB-02 17:00	SVOA OLM 4.2	02-011-1155
3,3-Dichlorobenzidine	U	ug/kg	390	12-FEB-02 17:00	SVOA OLM 4.2	02-011-1155
Chrysene	82 J	ug/kg	390	12-FEB-02 17:00	SVOA OLM 4.2	02-011-1155
Bis-2-ethylhexyl phthalate	U	ug/kg	390	12-FEB-02 17:00	SVOA OLM 4.2	02-011-1155
Di-n-octyl phthalate	U	ug/kg	390	12-FEB-02 17:00	SVOA OLM 4.2	02-011-1155
Benzo(b)fluoranthene	100 J	ug/kg	390	12-FEB-02 17:00	SVOA OLM 4.2	02-011-1155
Benzo(k)fluoranthene	U	ug/kg	390	12-FEB-02 17:00	SVOA OLM 4.2	02-011-1155
Benzo(a)pyrene	69 J	ug/kg	390	12-FEB-02 17:00	SVOA OLM 4.2	02-011-1155
Benzo(1,2,3-cd)pyrene	55 J	ug/kg	390	12-FEB-02 17:00	SVOA OLM 4.2	02-011-1155
Benzo(a,h)anthracene	U	ug/kg	390	12-FEB-02 17:00	SVOA OLM 4.2	02-011-1155
Benzo(g,h,i)perylene	U	ug/kg	390	12-FEB-02 17:00	SVOA OLM 4.2	02-011-1155

Extraction Information:

08-FEB-02 00:00

01-133-78

Library Search Compounds:	Result	Units	Qual	Retention Time
Hexadecanoic Acid	200	ug/kg	NJB	25.69
Unknown	160	ug/kg	J	35.01
(Z)14-Tricosenylformate	92	ug/kg	NJ	36.79

Library Search Comment: 3 library search compounds detected.

Results calculated on a dry weight basis.

QC car NY 10252 NJ 73168 PA 68180 EPA NY 00023

Approved by:

Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 05-MAR-2002

Lab Sample ID: L83430-3

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: S-01-2
Description: GRAB
Sampled On: 05-FEB-02 13:51 by CLIENT
Date Received: 06-FEB-02 11:49
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Surrogate Recovery:						
2-Fluorophenol	59	%				02-011-1155
Phenol-d5	59	%				02-011-1155
2-Chlorophenol-d4	67	%				02-011-1155
1,2-Dichlorobenzene-d4	50	%				02-011-1155
Nitrobenzene-d5	55	%				02-011-1155
2-Fluorobiphenyl	58	%				02-011-1155
2,4,6-Tribromophenol	68	%				02-011-1155
Terphenyl-d14	62	%				02-011-1155

Analysis Comment: Results Calculated on a dry weight basis.

Results calculated on a dry weight basis.

Page 6 of 6

QC ear

NY 10252

NJ 73168

PA 68180

EPA NY 00033

Approved by:

Lab Director

Y:	ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
	mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
	B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 05-MAR-2002

Lab Sample ID: L83430-4

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: L83430-3MS, S-01-2
Description: L83430-3
Sampled On: 05-FEB-02 13:51 by CLIENT
Date Received: 06-FEB-02 11:49
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Arsenic	9	mg/kg	0.560	13-FEB-02 00:00	EPA 206.2 CLPM	01-178-34
Barium	351 J	mg/kg	0.209	15-FEB-02 12:57	EPA 200.7 CLPM	02-017-04
Cadmium	7.39	mg/kg	0.522	15-FEB-02 12:57	EPA 200.7 CLPM	02-017-04
Chromium	32.7	mg/kg	1.04	15-FEB-02 12:57	EPA 200.7 CLPM	02-017-04
Lead	120 J	mg/kg	2.29	15-FEB-02 12:57	EPA 200.7 CLPM	02-017-04
Mercury	1.4	mg/kg	0.0220	12-FEB-02 00:00	EPA 245.1 CLPM	01-002-43
Selenium	U R	mg/kg	1.70	13-FEB-02 00:00	EPA 270.2 CLPM	01-180-27
Silver	5.86	mg/kg	0.730	15-FEB-02 12:57	EPA 200.7 CLPM	02-017-04
VOA OLM 4.2						
Chloromethane	U	ug/kg	11	08-FEB-02 00:12	VOA OLM 4.2	02-024-1928
Dichlorodifluoromethane	U	ug/kg	11	08-FEB-02 00:12	VOA OLM 4.2	02-024-1928
Fluoromethane	U	ug/kg	11	08-FEB-02 00:12	VOA OLM 4.2	02-024-1928
Vinyl chloride	U	ug/kg	11	08-FEB-02 00:12	VOA OLM 4.2	02-024-1928
Chloroethane	U	ug/kg	11	08-FEB-02 00:12	VOA OLM 4.2	02-024-1928
Trichlorofluoromethane	U	ug/kg	11	08-FEB-02 00:12	VOA OLM 4.2	02-024-1928
Methylene chloride	16 BU	ug/kg	11	08-FEB-02 00:12	VOA OLM 4.2	02-024-1928
Acetone	U	ug/kg	11	08-FEB-02 00:12	VOA OLM 4.2	02-024-1928
Carbon disulfide	U	ug/kg	11	08-FEB-02 00:12	VOA OLM 4.2	02-024-1928
Methyl Acetate	U	ug/kg	11	08-FEB-02 00:12	VOA OLM 4.2	02-024-1928
1,1-Dichloroethene	47	ug/kg	11	08-FEB-02 00:12	VOA OLM 4.2	02-024-1928
trans-1,2-Dichloroethene	U	ug/kg	11	08-FEB-02 00:12	VOA OLM 4.2	02-024-1928
MTBE(Methyl tert-butyl ether)	U	ug/kg	11	08-FEB-02 00:12	VOA OLM 4.2	02-024-1928
1,1-Dichloroethane	U	ug/kg	11	08-FEB-02 00:12	VOA OLM 4.2	02-024-1928
1,1,2-Trichloro-1,2,2-trifluoroethane	U	ug/kg	11	08-FEB-02 00:12	VOA OLM 4.2	02-024-1928
cis-1,2-Dichloroethene	U	ug/kg	11	08-FEB-02 00:12	VOA OLM 4.2	02-024-1928
MEK(2-Butanone)	U	ug/kg	11	08-FEB-02 00:12	VOA OLM 4.2	02-024-1928
Chloroform	U	ug/kg	11	08-FEB-02 00:12	VOA OLM 4.2	02-024-1928
1,1,1-Trichloroethane	U	ug/kg	11	08-FEB-02 00:12	VOA OLM 4.2	02-024-1928
Cyclohexane	U	ug/kg	11	08-FEB-02 00:12	VOA OLM 4.2	02-024-1928
Carbon tetrachloride	U	ug/kg	11	08-FEB-02 00:12	VOA OLM 4.2	02-024-1928
Benzene	64 J	ug/kg	11	08-FEB-02 00:12	VOA OLM 4.2	02-024-1928
1,2-Dichloroethane	U	ug/kg	11	08-FEB-02 00:12	VOA OLM 4.2	02-024-1928
Trichloroethene	54 J	ug/kg	11	08-FEB-02 00:12	VOA OLM 4.2	02-024-1928
Results calculated on a dry weight basis.						

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 05-MAR-2002

Lab Sample ID: L83430-4

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: L83430-3MS, S-01-2
Description: L83430-3
Sampled On: 05-FEB-02 13:51 by CLIENT
Date Received: 06-FEB-02 11:49
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Methylcyclohexane	U	ug/kg	11	08-FEB-02 00:12	VOA OLM 4.2	02-024-1928
1,2-Dichloropropane	U	ug/kg	11	08-FEB-02 00:12	VOA OLM 4.2	02-024-1928
Bromodichloromethane	U	ug/kg	11	08-FEB-02 00:12	VOA OLM 4.2	02-024-1928
cis-1,3-Dichloropropene	U	ug/kg	11	08-FEB-02 00:12	VOA OLM 4.2	02-024-1928
MIBK(4-Methyl-2-pentanone)	U	ug/kg	11	08-FEB-02 00:12	VOA OLM 4.2	02-024-1928
Toluene	75 J	ug/kg	11	08-FEB-02 00:12	VOA OLM 4.2	02-024-1928
trans-1,3-Dichloropropene	U	ug/kg	11	08-FEB-02 00:12	VOA OLM 4.2	02-024-1928
1,1,2-Trichloroethane	U	ug/kg	11	08-FEB-02 00:12	VOA OLM 4.2	02-024-1928
Tetrachloroethene	U	ug/kg	11	08-FEB-02 00:12	VOA OLM 4.2	02-024-1928
2-Hexanone	U	ug/kg	11	08-FEB-02 00:12	VOA OLM 4.2	02-024-1928
Dibromochloromethane	U	ug/kg	11	08-FEB-02 00:12	VOA OLM 4.2	02-024-1928
1,2-Dibromoethane	U	ug/kg	11	08-FEB-02 00:12	VOA OLM 4.2	02-024-1928
Chlorobenzene	56 J	ug/kg	11	08-FEB-02 00:12	VOA OLM 4.2	02-024-1928
Ethylbenzene	U	ug/kg	11	08-FEB-02 00:12	VOA OLM 4.2	02-024-1928
p-Xylene/m-Xylene	U	ug/kg	11	08-FEB-02 00:12	VOA OLM 4.2	02-024-1928
o-Xylene	U	ug/kg	11	08-FEB-02 00:12	VOA OLM 4.2	02-024-1928
Styrene	U	ug/kg	11	08-FEB-02 00:12	VOA OLM 4.2	02-024-1928
Bromoform	U	ug/kg	11	08-FEB-02 00:12	VOA OLM 4.2	02-024-1928
Isopropylbenzene	U	ug/kg	11	08-FEB-02 00:12	VOA OLM 4.2	02-024-1928
1,1,2,2-Tetrachloroethane	U	ug/kg	11	08-FEB-02 00:12	VOA OLM 4.2	02-024-1928
1,3-Dichlorobenzene	U	ug/kg	11	08-FEB-02 00:12	VOA OLM 4.2	02-024-1928
4-Dichlorobenzene	U	ug/kg	11	08-FEB-02 00:12	VOA OLM 4.2	02-024-1928
2-Dichlorobenzene	U	ug/kg	11	08-FEB-02 00:12	VOA OLM 4.2	02-024-1928
1,2-Dibromo-3-chloropropane	U	ug/kg	11	08-FEB-02 00:12	VOA OLM 4.2	02-024-1928
1,2,4-Trichlorobenzene	U	ug/kg	11	08-FEB-02 00:12	VOA OLM 4.2	02-024-1928
Surrogate Recovery:						
1,2-Dichloroethane-d4	109	%				02-024-1928
Toluene-d8	134	%				02-024-1928
4-Bromofluorobenzene	75	%				02-024-1928

Analysis Comment: Results Calculated on a dry weight basis. Internal standard 2,3 recovery below limits. Confirmed by files D1927 and D1929.

Results calculated on a dry weight basis.

Page 2 of 5

QC car NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: John A. Kent
Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 05-MAR-2002

Lab Sample ID: L83430-4

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: L83430-3MS, S-01-2
Description: L83430-3
Sampled On: 05-FEB-02 13:51 by CLIENT
Date Received: 06-FEB-02 11:49
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
PEST/PCB OLM 4.2						
Lindane (gamma-BHC)	95	%		21-FEB-02 00:00	PEST/PCB OLM 4.2	02-006-5191
Heptachlor	95	%		21-FEB-02 00:00	PEST/PCB OLM 4.2	02-006-5191
Aldrin	89	%		21-FEB-02 00:00	PEST/PCB OLM 4.2	02-006-5191
Dieldrin	100	%		21-FEB-02 00:00	PEST/PCB OLM 4.2	02-006-5191
Endrin	105	%		21-FEB-02 00:00	PEST/PCB OLM 4.2	02-006-5191
4,4'-DDT	100	%		21-FEB-02 00:00	PEST/PCB OLM 4.2	02-006-5191
Extraction Information:				07-FEB-02 00:00		01-194-51
Surrogate Recovery:						
Tetrachloro-m-xylene	99	%				02-006-5191
Decachlorobiphenyl	114	%				02-006-5191
SVOA OLM 4.2						
Bis(2-chloroethylether)	U	ug/kg	390	12-FEB-02 17:52	SVOA OLM 4.2	02-011-1156
Benzaldehyde	U	ug/kg	390	12-FEB-02 17:52	SVOA OLM 4.2	02-011-1156
Phenol	1600	ug/kg	390	12-FEB-02 17:52	SVOA OLM 4.2	02-011-1156
2-Chlorophenol	1600	ug/kg	390	12-FEB-02 17:52	SVOA OLM 4.2	02-011-1156
Methylphenol	U	ug/kg	390	12-FEB-02 17:52	SVOA OLM 4.2	02-011-1156
,2'Oxybis(1-Chloropropane)	U	ug/kg	390	12-FEB-02 17:52	SVOA OLM 4.2	02-011-1156
Hexachloroethane	U	ug/kg	390	12-FEB-02 17:52	SVOA OLM 4.2	02-011-1156
N-Nitrosodi-N-propylamine	1200	ug/kg	390	12-FEB-02 17:52	SVOA OLM 4.2	02-011-1156
Acetophenone	U	ug/kg	390	12-FEB-02 17:52	SVOA OLM 4.2	02-011-1156
4-Methylphenol	U	ug/kg	390	12-FEB-02 17:52	SVOA OLM 4.2	02-011-1156
Nitrobenzene	U	ug/kg	390	12-FEB-02 17:52	SVOA OLM 4.2	02-011-1156
Isophorone	U	ug/kg	390	12-FEB-02 17:52	SVOA OLM 4.2	02-011-1156
2-Nitrophenol	U	ug/kg	390	12-FEB-02 17:52	SVOA OLM 4.2	02-011-1156
2,4-Dimethylphenol	U	ug/kg	390	12-FEB-02 17:52	SVOA OLM 4.2	02-011-1156
Bis(2-chloroethoxymethane)	U	ug/kg	390	12-FEB-02 17:52	SVOA OLM 4.2	02-011-1156
2,4-Dichlorophenol	U	ug/kg	390	12-FEB-02 17:52	SVOA OLM 4.2	02-011-1156
Naphthalene	U	ug/kg	390	12-FEB-02 17:52	SVOA OLM 4.2	02-011-1156
4-Chloroaniline	U	ug/kg	390	12-FEB-02 17:52	SVOA OLM 4.2	02-011-1156
Hexachlorobutadiene	U	ug/kg	390	12-FEB-02 17:52	SVOA OLM 4.2	02-011-1156
Caprolactam	U	ug/kg	390	12-FEB-02 17:52	SVOA OLM 4.2	02-011-1156
4-Chloro-3-methylphenol	1800	ug/kg	390	12-FEB-02 17:52	SVOA OLM 4.2	02-011-1156
2-Methylnaphthalene	U	ug/kg	390	12-FEB-02 17:52	SVOA OLM 4.2	02-011-1156
Hexachlorocyclopentadiene	U	ug/kg	390	12-FEB-02 17:52	SVOA OLM 4.2	02-011-1156
2,4,6-Trichlorophenol	U	ug/kg	390	12-FEB-02 17:52	SVOA OLM 4.2	02-011-1156
2,4,5-Trichlorophenol	U	ug/kg	970	12-FEB-02 17:52	SVOA OLM 4.2	02-011-1156
2-Chloronaphthalene	U	ug/kg	390	12-FEB-02 17:52	SVOA OLM 4.2	02-011-1156
1,1'-Biphenyl	U	ug/kg	390	12-FEB-02 17:52	SVOA OLM 4.2	02-011-1156

Results calculated on a dry weight basis.

QC *ear*

NY 10252

NJ 73168

PA 68180

Page 3 of 5
EPA NY 00033

Approved by: *John M. Hunt*

Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 05-MAR-2002

Lab Sample ID: L83430-4

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: L83430-3MS, S-01-2
Description: L83430-3
Sampled On: 05-FEB-02 13:51 by CLIENT
Date Received: 06-FEB-02 11:49
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
2-Nitroaniline	U	ug/kg	970	12-FEB-02 17:52	SVOA OLM 4.2	02-011-1156
Dimethyl phthalate	U	ug/kg	390	12-FEB-02 17:52	SVOA OLM 4.2	02-011-1156
Acenaphthylene	U	ug/kg	390	12-FEB-02 17:52	SVOA OLM 4.2	02-011-1156
2,6-Dinitrotoluene	U	ug/kg	390	12-FEB-02 17:52	SVOA OLM 4.2	02-011-1156
3-Nitroaniline	U	ug/kg	970	12-FEB-02 17:52	SVOA OLM 4.2	02-011-1156
Acenaphthene	990	ug/kg	390	12-FEB-02 17:52	SVOA OLM 4.2	02-011-1156
2,4-Dinitrophenol	U	ug/kg	970	12-FEB-02 17:52	SVOA OLM 4.2	02-011-1156
Dibenzofuran	U	ug/kg	390	12-FEB-02 17:52	SVOA OLM 4.2	02-011-1156
2,4-Dinitrotoluene	1200	ug/kg	390	12-FEB-02 17:52	SVOA OLM 4.2	02-011-1156
4-Nitrophenol	2100	ug/kg	970	12-FEB-02 17:52	SVOA OLM 4.2	02-011-1156
Diethyl phthalate	U	ug/kg	390	12-FEB-02 17:52	SVOA OLM 4.2	02-011-1156
Fluorene	U	ug/kg	390	12-FEB-02 17:52	SVOA OLM 4.2	02-011-1156
4-Chlorophenylphenylether	U	ug/kg	390	12-FEB-02 17:52	SVOA OLM 4.2	02-011-1156
4-Nitroaniline	U	ug/kg	970	12-FEB-02 17:52	SVOA OLM 4.2	02-011-1156
2-Methyl-4,6-dinitrophenol	U	ug/kg	970	12-FEB-02 17:52	SVOA OLM 4.2	02-011-1156
N-Nitrosodiphenylamine	U	ug/kg	390	12-FEB-02 17:52	SVOA OLM 4.2	02-011-1156
4-Bromophenylphenylether	U	ug/kg	390	12-FEB-02 17:52	SVOA OLM 4.2	02-011-1156
Hexachlorobenzene	U	ug/kg	390	12-FEB-02 17:52	SVOA OLM 4.2	02-011-1156
Atrazine	U	ug/kg	390	12-FEB-02 17:52	SVOA OLM 4.2	02-011-1156
Pentachlorophenol	1700	ug/kg	970	12-FEB-02 17:52	SVOA OLM 4.2	02-011-1156
Phenanthrene	140 J	ug/kg	390	12-FEB-02 17:52	SVOA OLM 4.2	02-011-1156
Anthracene	U	ug/kg	390	12-FEB-02 17:52	SVOA OLM 4.2	02-011-1156
Carbazole	U	ug/kg	390	12-FEB-02 17:52	SVOA OLM 4.2	02-011-1156
Di-n-butyl phthalate	U	ug/kg	390	12-FEB-02 17:52	SVOA OLM 4.2	02-011-1156
Fluoranthene	210 J	ug/kg	390	12-FEB-02 17:52	SVOA OLM 4.2	02-011-1156
Pyrene	1300	ug/kg	390	12-FEB-02 17:52	SVOA OLM 4.2	02-011-1156
Butylbenzyl phthalate	U	ug/kg	390	12-FEB-02 17:52	SVOA OLM 4.2	02-011-1156
Benzo(a)anthracene	110 J	ug/kg	390	12-FEB-02 17:52	SVOA OLM 4.2	02-011-1156
3,3-Dichlorobenzidine	U	ug/kg	390	12-FEB-02 17:52	SVOA OLM 4.2	02-011-1156
Chrysene	120 J	ug/kg	390	12-FEB-02 17:52	SVOA OLM 4.2	02-011-1156
Bis-2-ethylhexyl phthalate	U	ug/kg	390	12-FEB-02 17:52	SVOA OLM 4.2	02-011-1156
Di-n-octyl phthalate	U	ug/kg	390	12-FEB-02 17:52	SVOA OLM 4.2	02-011-1156
Benzo(b)fluoranthene	150 J	ug/kg	390	12-FEB-02 17:52	SVOA OLM 4.2	02-011-1156
Benzo(k)fluoranthene	52 J	ug/kg	390	12-FEB-02 17:52	SVOA OLM 4.2	02-011-1156
Benzo(a)pyrene	100 J	ug/kg	390	12-FEB-02 17:52	SVOA OLM 4.2	02-011-1156
Indeno(1,2,3-cd)pyrene	63 J	ug/kg	390	12-FEB-02 17:52	SVOA OLM 4.2	02-011-1156
Dibenzo(a,h)anthracene	U	ug/kg	390	12-FEB-02 17:52	SVOA OLM 4.2	02-011-1156
Benzo(g,h,i)perylene	45 J	ug/kg	390	12-FEB-02 17:52	SVOA OLM 4.2	02-011-1156

Results calculated on a dry weight basis.

QC real

NY 10252

NJ 73168

PA 68180

EPA NY 00033

Approved by: John P. Kent

Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 05-MAR-2002

Lab Sample ID: L83430-4

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: L83430-3MS, S-01-2
Description: L83430-3
Sampled On: 05-FEB-02 13:51 by CLIENT
Date Received: 06-FEB-02 11:49
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Extraction Information:				08-FEB-02 00:00		01-133-78
Surrogate Recovery:						
2-Fluorophenol	58	%				02-011-1156
Phenol-d5	59	%				02-011-1156
2-Chlorophenol-d4	64	%				02-011-1156
1,2-Dichlorobenzene-d4	48	%				02-011-1156
Nitrobenzene-d5	54	%				02-011-1156
2-Fluorobiphenyl	53	%				02-011-1156
2,4,6-Tribromophenol	61	%				02-011-1156
Terphenyl-d14	55	%				02-011-1156
Analysis Comment: Results Calculated on a dry weight basis.						

Results calculated on a dry weight basis.

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QC *eah*

NY 10252

NJ 73168

PA 68180

EPA NY 00033

Approved by:

John A. Kent
Lab Director

f:	ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
	mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 05-MAR-2002

Lab Sample ID: L83430-5

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: L83430-3MSD/DUP, S-01-2
Description: L83430-3
Sampled On: 05-FEB-02 13:51 by CLIENT
Date Received: 06-FEB-02 11:49
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Arsenic	4.3	mg/kg	0.540	13-FEB-02 00:00	EPA 206.2 CLPM	01-178-34
Barium	339 J	mg/kg	0.216	15-FEB-02 01:00	EPA 200.7 CLPM	02-017-04
Cadmium	2.12 J	mg/kg	0.541	15-FEB-02 01:00	EPA 200.7 CLPM	02-017-04
Chromium	12.7	mg/kg	1.08	15-FEB-02 01:00	EPA 200.7 CLPM	02-017-04
Lead	121 J	mg/kg	2.38	15-FEB-02 01:00	EPA 200.7 CLPM	02-017-04
Mercury	1.2	mg/kg	0.0290	12-FEB-02 00:00	EPA 245.1 CLPM	01-002-43
Selenium	UW R	mg/kg	1.60	13-FEB-02 00:00	EPA 270.2 CLPM	01-180-27
Analysis Comment: W-post spike recovery out of limits						
Silver	0.946 B	mg/kg	0.757	15-FEB-02 01:00	EPA 200.7 CLPM	02-017-04
VOA OLM 4.2						
Iodomethane	U	ug/kg	11	08-FEB-02 00:45	VOA OLM 4.2	02-024-1929
Dichlorodifluoromethane	U	ug/kg	11	08-FEB-02 00:45	VOA OLM 4.2	02-024-1929
Bromomethane	U	ug/kg	11	08-FEB-02 00:45	VOA OLM 4.2	02-024-1929
Vinyl chloride	U	ug/kg	11	08-FEB-02 00:45	VOA OLM 4.2	02-024-1929
Chloroethane	U	ug/kg	11	08-FEB-02 00:45	VOA OLM 4.2	02-024-1929
Trichlorofluoromethane	U	ug/kg	11	08-FEB-02 00:45	VOA OLM 4.2	02-024-1929
Methylene chloride	16 BU	ug/kg	11	08-FEB-02 00:45	VOA OLM 4.2	02-024-1929
Acetone	U	ug/kg	11	08-FEB-02 00:45	VOA OLM 4.2	02-024-1929
Carbon disulfide	U	ug/kg	11	08-FEB-02 00:45	VOA OLM 4.2	02-024-1929
Methyl Acetate	U	ug/kg	11	08-FEB-02 00:45	VOA OLM 4.2	02-024-1929
1,1-Dichloroethene	46	ug/kg	11	08-FEB-02 00:45	VOA OLM 4.2	02-024-1929
trans-1,2-Dichloroethene	U	ug/kg	11	08-FEB-02 00:45	VOA OLM 4.2	02-024-1929
MTBE (Methyl tert-butyl ether)	U	ug/kg	11	08-FEB-02 00:45	VOA OLM 4.2	02-024-1929
1,1-Dichloroethane	U	ug/kg	11	08-FEB-02 00:45	VOA OLM 4.2	02-024-1929
1,1,2-Trichloro-1,2,2-trifluoroethane	U	ug/kg	11	08-FEB-02 00:45	VOA OLM 4.2	02-024-1929
cis-1,2-Dichloroethene	U	ug/kg	11	08-FEB-02 00:45	VOA OLM 4.2	02-024-1929
MEK (2-Butanone)	U	ug/kg	11	08-FEB-02 00:45	VOA OLM 4.2	02-024-1929
Chloroform	U	ug/kg	11	08-FEB-02 00:45	VOA OLM 4.2	02-024-1929
1,1,1-Trichloroethane	U	ug/kg	11	08-FEB-02 00:45	VOA OLM 4.2	02-024-1929
Cyclohexane	U	ug/kg	11	08-FEB-02 00:45	VOA OLM 4.2	02-024-1929
Carbon tetrachloride	U	ug/kg	11	08-FEB-02 00:45	VOA OLM 4.2	02-024-1929
Results calculated on a dry weight basis.						

Page 1 of 5

QC val NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: John A. Kent
Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 05-MAR-2002

Lab Sample ID: L83430-5

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: L83430-3MSD/DUP, S-01-2
Description: L83430-3
Sampled On: 05-FEB-02 13:51 by CLIENT
Date Received: 06-FEB-02 11:49
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Benzene	63 J	ug/kg	11	08-FEB-02 00:45	VOA OLM 4.2	02-024-1929
1,2-Dichloroethane	U	ug/kg	11	08-FEB-02 00:45	VOA OLM 4.2	02-024-1929
Trichloroethene	52 J	ug/kg	11	08-FEB-02 00:45	VOA OLM 4.2	02-024-1929
Methylcyclohexane	U	ug/kg	11	08-FEB-02 00:45	VOA OLM 4.2	02-024-1929
1,2-Dichloropropane	U	ug/kg	11	08-FEB-02 00:45	VOA OLM 4.2	02-024-1929
Bromodichloromethane	U	ug/kg	11	08-FEB-02 00:45	VOA OLM 4.2	02-024-1929
cis-1,3-Dichloropropene	U	ug/kg	11	08-FEB-02 00:45	VOA OLM 4.2	02-024-1929
MIBK(4-Methyl-2-pentanone)	U	ug/kg	11	08-FEB-02 00:45	VOA OLM 4.2	02-024-1929
Toluene	73 J	ug/kg	11	08-FEB-02 00:45	VOA OLM 4.2	02-024-1929
trans-1,3-Dichloropropene	U	ug/kg	11	08-FEB-02 00:45	VOA OLM 4.2	02-024-1929
1,1,2-Trichloroethane	U	ug/kg	11	08-FEB-02 00:45	VOA OLM 4.2	02-024-1929
Tetrachloroethene	U	ug/kg	11	08-FEB-02 00:45	VOA OLM 4.2	02-024-1929
2-Hexanone	U	ug/kg	11	08-FEB-02 00:45	VOA OLM 4.2	02-024-1929
Dibromochloromethane	U	ug/kg	11	08-FEB-02 00:45	VOA OLM 4.2	02-024-1929
1,2-Dibromoethane	U	ug/kg	11	08-FEB-02 00:45	VOA OLM 4.2	02-024-1929
Chlorobenzene	53 J	ug/kg	11	08-FEB-02 00:45	VOA OLM 4.2	02-024-1929
Ethylbenzene	U	ug/kg	11	08-FEB-02 00:45	VOA OLM 4.2	02-024-1929
p-Xylene/m-Xylene	U	ug/kg	11	08-FEB-02 00:45	VOA OLM 4.2	02-024-1929
o-Xylene	U	ug/kg	11	08-FEB-02 00:45	VOA OLM 4.2	02-024-1929
Styrene	U	ug/kg	11	08-FEB-02 00:45	VOA OLM 4.2	02-024-1929
Bromoform	U	ug/kg	11	08-FEB-02 00:45	VOA OLM 4.2	02-024-1929
propylbenzene	U	ug/kg	11	08-FEB-02 00:45	VOA OLM 4.2	02-024-1929
1,1,2,2-Tetrachloroethane	U	ug/kg	11	08-FEB-02 00:45	VOA OLM 4.2	02-024-1929
1,3-Dichlorobenzene	U	ug/kg	11	08-FEB-02 00:45	VOA OLM 4.2	02-024-1929
1,4-Dichlorobenzene	U	ug/kg	11	08-FEB-02 00:45	VOA OLM 4.2	02-024-1929
1,2-Dichlorobenzene	U	ug/kg	11	08-FEB-02 00:45	VOA OLM 4.2	02-024-1929
1,2-Dibromo-3-chloropropane	U	ug/kg	11	08-FEB-02 00:45	VOA OLM 4.2	02-024-1929
1,2,4-Trichlorobenzene	U	ug/kg	11	08-FEB-02 00:45	VOA OLM 4.2	02-024-1929
Surrogate Recovery:						
1,2-Dichloroethane-d4	110	%				02-024-1929
Toluene-d8	134	%				02-024-1929
4-Bromofluorobenzene	77	%				02-024-1929

Analysis Comment: Results Calculated on a dry weight basis. Internal standard 2,3 recovery below limits. Confirmed by files D1927 and D1928.

Results calculated on a dry weight basis.

Page 2 of 5

QC *ear*

NY 10252

NJ 73168

PA 68180

EPA NY 00033

Approved by: *John B. Kent*

Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
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WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 05-MAR-2002

Lab Sample ID: L83430-5

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: L83430-3MSD/DUP, S-01-2
Description: L83430-3
Sampled On: 05-FEB-02 13:51 by CLIENT
Date Received: 06-FEB-02 11:49
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
PEST/PCB OLM 4.2						
Lindane (gamma-BHC)	100	%		21-FEB-02 00:00	PEST/PCB OLM 4.2	02-006-5192
Heptachlor	100	%		21-FEB-02 00:00	PEST/PCB OLM 4.2	02-006-5192
Aldrin	95	%		21-FEB-02 00:00	PEST/PCB OLM 4.2	02-006-5192
Dieldrin	100	%		21-FEB-02 00:00	PEST/PCB OLM 4.2	02-006-5192
Endrin	105	%		21-FEB-02 00:00	PEST/PCB OLM 4.2	02-006-5192
4,4'-DDT	97	%		21-FEB-02 00:00	PEST/PCB OLM 4.2	02-006-5192

Extraction Information:

07-FEB-02 00:00

01-194-51

Surrogate Recovery:

Tetrachloro-m-xylene
Decachlorobiphenyl

107
107

%
%

02-006-5192
02-006-5192

SVOA OLM 4.2

Bis(2-chloroethylether)	U	ug/kg	390	12-FEB-02 18:45	SVOA OLM 4.2	02-011-1157
Benzaldehyde	U	ug/kg	390	12-FEB-02 18:45	SVOA OLM 4.2	02-011-1157
Phenol	1600	ug/kg	390	12-FEB-02 18:45	SVOA OLM 4.2	02-011-1157
2-Chlorophenol	1500	ug/kg	390	12-FEB-02 18:45	SVOA OLM 4.2	02-011-1157
Methylphenol	U	ug/kg	390	12-FEB-02 18:45	SVOA OLM 4.2	02-011-1157
2,2'Oxybis(1-Chloropropane)	U	ug/kg	390	12-FEB-02 18:45	SVOA OLM 4.2	02-011-1157
Hexachloroethane	U	ug/kg	390	12-FEB-02 18:45	SVOA OLM 4.2	02-011-1157
N-Nitrosodi-N-propylamine	1100	ug/kg	390	12-FEB-02 18:45	SVOA OLM 4.2	02-011-1157
Acetophenone	U	ug/kg	390	12-FEB-02 18:45	SVOA OLM 4.2	02-011-1157
4-Methylphenol	U	ug/kg	390	12-FEB-02 18:45	SVOA OLM 4.2	02-011-1157
Nitrobenzene	U	ug/kg	390	12-FEB-02 18:45	SVOA OLM 4.2	02-011-1157
Isophorone	U	ug/kg	390	12-FEB-02 18:45	SVOA OLM 4.2	02-011-1157
2-Nitrophenol	U	ug/kg	390	12-FEB-02 18:45	SVOA OLM 4.2	02-011-1157
2,4-Dimethylphenol	U	ug/kg	390	12-FEB-02 18:45	SVOA OLM 4.2	02-011-1157
Bis(2-chloroethoxymethane)	U	ug/kg	390	12-FEB-02 18:45	SVOA OLM 4.2	02-011-1157
2,4-Dichlorophenol	U	ug/kg	390	12-FEB-02 18:45	SVOA OLM 4.2	02-011-1157
Naphthalene	U	ug/kg	390	12-FEB-02 18:45	SVOA OLM 4.2	02-011-1157
4-Chloroaniline	U	ug/kg	390	12-FEB-02 18:45	SVOA OLM 4.2	02-011-1157
Hexachlorobutadiene	U	ug/kg	390	12-FEB-02 18:45	SVOA OLM 4.2	02-011-1157
Caprolactam	U	ug/kg	390	12-FEB-02 18:45	SVOA OLM 4.2	02-011-1157
4-Chloro-3-methylphenol	1800	ug/kg	390	12-FEB-02 18:45	SVOA OLM 4.2	02-011-1157
2-Methylnaphthalene	U	ug/kg	390	12-FEB-02 18:45	SVOA OLM 4.2	02-011-1157
Hexachlorocyclopentadiene	U	ug/kg	390	12-FEB-02 18:45	SVOA OLM 4.2	02-011-1157
2,4,6-Trichlorophenol	U	ug/kg	390	12-FEB-02 18:45	SVOA OLM 4.2	02-011-1157
2,4,5-Trichlorophenol	U	ug/kg	970	12-FEB-02 18:45	SVOA OLM 4.2	02-011-1157
2-Chloronaphthalene	U	ug/kg	390	12-FEB-02 18:45	SVOA OLM 4.2	02-011-1157
1,1'-Biphenyl	U	ug/kg	390	12-FEB-02 18:45	SVOA OLM 4.2	02-011-1157

Results calculated on a dry weight basis.

QC *car* NY 10252 NJ 73168 PA 68180 EPA NY 00033

Page 3 of 5

Approved by: *John A. Kent*
Lab Director

/:	ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
	mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
	B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

The information in this report is accurate to the best of our knowledge and ability. In no event shall our liability exceed the cost of these services. Your samples will be discarded after 14 days unless we are advised otherwise.



ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 05-MAR-2002

Lab Sample ID: L83430-5

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: L83430-3MSD/DUP, S-01-2
Description: L83430-3
Sampled On: 05-FEB-02 13:51 by CLIENT
Date Received: 06-FEB-02 11:49
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
2-Nitroaniline	U	ug/kg	970	12-FEB-02 18:45	SVOA OLM 4.2	02-011-1157
Dimethyl phthalate	U	ug/kg	390	12-FEB-02 18:45	SVOA OLM 4.2	02-011-1157
Acenaphthylene	U	ug/kg	390	12-FEB-02 18:45	SVOA OLM 4.2	02-011-1157
2,6-Dinitrotoluene	U	ug/kg	390	12-FEB-02 18:45	SVOA OLM 4.2	02-011-1157
3-Nitroaniline	U	ug/kg	970	12-FEB-02 18:45	SVOA OLM 4.2	02-011-1157
Acenaphthene	1000	ug/kg	390	12-FEB-02 18:45	SVOA OLM 4.2	02-011-1157
2,4-Dinitrophenol	U	ug/kg	970	12-FEB-02 18:45	SVOA OLM 4.2	02-011-1157
Dibenzofuran	U	ug/kg	390	12-FEB-02 18:45	SVOA OLM 4.2	02-011-1157
2,4-Dinitrotoluene	1200	ug/kg	390	12-FEB-02 18:45	SVOA OLM 4.2	02-011-1157
4-Nitrophenol	2200	ug/kg	970	12-FEB-02 18:45	SVOA OLM 4.2	02-011-1157
Diethyl phthalate	U	ug/kg	390	12-FEB-02 18:45	SVOA OLM 4.2	02-011-1157
Fluorene	U	ug/kg	390	12-FEB-02 18:45	SVOA OLM 4.2	02-011-1157
4-Chlorophenylphenylether	U	ug/kg	390	12-FEB-02 18:45	SVOA OLM 4.2	02-011-1157
4-Nitroaniline	U	ug/kg	970	12-FEB-02 18:45	SVOA OLM 4.2	02-011-1157
2-Methyl-4,6-dinitrophenol	U	ug/kg	970	12-FEB-02 18:45	SVOA OLM 4.2	02-011-1157
N-Nitrosodiphenylamine	U	ug/kg	390	12-FEB-02 18:45	SVOA OLM 4.2	02-011-1157
4-Bromophenylphenylether	U	ug/kg	390	12-FEB-02 18:45	SVOA OLM 4.2	02-011-1157
Hexachlorobenzene	U	ug/kg	390	12-FEB-02 18:45	SVOA OLM 4.2	02-011-1157
Atrazine	U	ug/kg	390	12-FEB-02 18:45	SVOA OLM 4.2	02-011-1157
Pentachlorophenol	1800	ug/kg	970	12-FEB-02 18:45	SVOA OLM 4.2	02-011-1157
Phenanthrene	100 J	ug/kg	390	12-FEB-02 18:45	SVOA OLM 4.2	02-011-1157
thracene	U	ug/kg	390	12-FEB-02 18:45	SVOA OLM 4.2	02-011-1157
rbazole	U	ug/kg	390	12-FEB-02 18:45	SVOA OLM 4.2	02-011-1157
Di-n-butyl phthalate	U	ug/kg	390	12-FEB-02 18:45	SVOA OLM 4.2	02-011-1157
Fluoranthene	160 J	ug/kg	390	12-FEB-02 18:45	SVOA OLM 4.2	02-011-1157
Pyrene	1300	ug/kg	390	12-FEB-02 18:45	SVOA OLM 4.2	02-011-1157
Butylbenzyl phthalate	U	ug/kg	390	12-FEB-02 18:45	SVOA OLM 4.2	02-011-1157
Benzo(a)anthracene	93 J	ug/kg	390	12-FEB-02 18:45	SVOA OLM 4.2	02-011-1157
3,3-Dichlorobenzidine	U	ug/kg	390	12-FEB-02 18:45	SVOA OLM 4.2	02-011-1157
Chrysene	100 J	ug/kg	390	12-FEB-02 18:45	SVOA OLM 4.2	02-011-1157
Bis-2-ethylhexyl phthalate	U	ug/kg	390	12-FEB-02 18:45	SVOA OLM 4.2	02-011-1157
Di-n-octyl phthalate	U	ug/kg	390	12-FEB-02 18:45	SVOA OLM 4.2	02-011-1157
Benzo(b)fluoranthene	130 J	ug/kg	390	12-FEB-02 18:45	SVOA OLM 4.2	02-011-1157
Benzo(k)fluoranthene	45 J	ug/kg	390	12-FEB-02 18:45	SVOA OLM 4.2	02-011-1157
Benzo(a)pyrene	86 J	ug/kg	390	12-FEB-02 18:45	SVOA OLM 4.2	02-011-1157
Indeno(1,2,3-cd)pyrene	65 J	ug/kg	390	12-FEB-02 18:45	SVOA OLM 4.2	02-011-1157
Dibenzo(a,h)anthracene	U	ug/kg	390	12-FEB-02 18:45	SVOA OLM 4.2	02-011-1157
Benzo(g,h,i)perylene	U	ug/kg	390	12-FEB-02 18:45	SVOA OLM 4.2	02-011-1157

Results calculated on a dry weight basis.

QC oak

NY 10252

NJ 73168

PA 68180

EPA NY 00033

Approved by:

Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 05-MAR-2002

Lab Sample ID: L83430-5

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: L83430-3MSD/DUP, S-01-2
Description: L83430-3
Sampled On: 05-FEB-02 13:51 by CLIENT
Date Received: 06-FEB-02 11:49
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Extraction Information:				08-FEB-02 00:00		01-133-78
Surrogate Recovery:						
2-Fluorophenol	55	%				02-011-1157
Phenol-d5	56	%				02-011-1157
2-Chlorophenol-d4	61	%				02-011-1157
1,2-Dichlorobenzene-d4	46	%				02-011-1157
Nitrobenzene-d5	52	%				02-011-1157
2-Fluorobiphenyl	52	%				02-011-1157
2,4,6-Tribromophenol	60	%				02-011-1157
Terphenyl-d14	56	%				02-011-1157
Analysis Comment: Results Calculated on a dry weight basis.						

Results calculated on a dry weight basis.

/:	ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
	mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
	B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

The information in this report is accurate to the best of our knowledge and ability. In no event shall our liability exceed the cost of these services. Your samples will be discarded after 14 days unless we are advised otherwise.



ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 05-MAR-2002

Lab Sample ID: L83430-2

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: S-01-3
Description: GRAB
Sampled On: 05-FEB-02 14:00 by CLIENT
Date Received: 06-FEB-02 11:49
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	87	%		06-FEB-02 00:00	CLP 3.0	01-202-32
Arsenic	3.7	mg/kg	0.490	13-FEB-02 00:00	EPA 206.2 CLPM	01-178-34
Barium	61.4 J	mg/kg	0.196	15-FEB-02 12:51	EPA 200.7 CLPM	02-017-04
Cadmium	0.934 J	mg/kg	0.491	15-FEB-02 12:51	EPA 200.7 CLPM	02-017-04
Chromium	4.38 J	mg/kg	0.982	15-FEB-02 12:51	EPA 200.7 CLPM	02-017-04
Lead	73.4 J	mg/kg	2.16	15-FEB-02 12:51	EPA 200.7 CLPM	02-017-04
Mercury	0.12	mg/kg	0.0260	12-FEB-02 00:00	EPA 245.1 CLPM	01-002-43
Selenium	U R	mg/kg	1.50	13-FEB-02 00:00	EPA 270.2 CLPM	01-180-27
Silver	U	mg/kg	0.688	15-FEB-02 12:51	EPA 200.7 CLPM	02-017-04
VOA OLM 4.2						
Chloromethane	U	ug/kg	10	07-FEB-02 23:05	VOA OLM 4.2	02-024-1926
Dichlorodifluoromethane	U	ug/kg	10	07-FEB-02 23:05	VOA OLM 4.2	02-024-1926
Bromomethane	U	ug/kg	10	07-FEB-02 23:05	VOA OLM 4.2	02-024-1926
Vinyl chloride	U	ug/kg	10	07-FEB-02 23:05	VOA OLM 4.2	02-024-1926
Chloroethane	U	ug/kg	10	07-FEB-02 23:05	VOA OLM 4.2	02-024-1926
Trichlorofluoromethane	U	ug/kg	10	07-FEB-02 23:05	VOA OLM 4.2	02-024-1926
Methylene chloride	6 JB U	ug/kg	10	07-FEB-02 23:05	VOA OLM 4.2	02-024-1926
Acetone	U	ug/kg	10	07-FEB-02 23:05	VOA OLM 4.2	02-024-1926
Carbon disulfide	U	ug/kg	10	07-FEB-02 23:05	VOA OLM 4.2	02-024-1926
Methyl Acetate	U	ug/kg	10	07-FEB-02 23:05	VOA OLM 4.2	02-024-1926
1,1-Dichloroethene	U	ug/kg	10	07-FEB-02 23:05	VOA OLM 4.2	02-024-1926
trans-1,2-Dichloroethene	U	ug/kg	10	07-FEB-02 23:05	VOA OLM 4.2	02-024-1926
MTBE(Methyl tert-butyl ether)	U	ug/kg	10	07-FEB-02 23:05	VOA OLM 4.2	02-024-1926
1,1-Dichloroethane	U	ug/kg	10	07-FEB-02 23:05	VOA OLM 4.2	02-024-1926
1,1,2-Trichloro-1,2,2-trifluoroethane	U	ug/kg	10	07-FEB-02 23:05	VOA OLM 4.2	02-024-1926
cis-1,2-Dichloroethene	U	ug/kg	10	07-FEB-02 23:05	VOA OLM 4.2	02-024-1926
MEK(2-Butanone)	U	ug/kg	10	07-FEB-02 23:05	VOA OLM 4.2	02-024-1926
Chloroform	U	ug/kg	10	07-FEB-02 23:05	VOA OLM 4.2	02-024-1926
1,1,1-Trichloroethane	U	ug/kg	10	07-FEB-02 23:05	VOA OLM 4.2	02-024-1926
Cyclohexane	U	ug/kg	10	07-FEB-02 23:05	VOA OLM 4.2	02-024-1926
Carbon tetrachloride	U	ug/kg	10	07-FEB-02 23:05	VOA OLM 4.2	02-024-1926
Benzene	U	ug/kg	10	07-FEB-02 23:05	VOA OLM 4.2	02-024-1926
Results calculated on a dry weight basis.						



ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 05-MAR-2002

Lab Sample ID: L83430-2

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: S-01-3
Description: GRAB
Sampled On: 05-FEB-02 14:00 by CLIENT
Date Received: 06-FEB-02 11:49
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
1,2-Dichloroethane	U	ug/kg	10	07-FEB-02 23:05	VOA OLM 4.2	02-024-1926
Trichloroethene	U	ug/kg	10	07-FEB-02 23:05	VOA OLM 4.2	02-024-1926
Methylcyclohexane	U	ug/kg	10	07-FEB-02 23:05	VOA OLM 4.2	02-024-1926
1,2-Dichloropropane	U	ug/kg	10	07-FEB-02 23:05	VOA OLM 4.2	02-024-1926
Bromodichloromethane	U	ug/kg	10	07-FEB-02 23:05	VOA OLM 4.2	02-024-1926
cis-1,3-Dichloropropene	U	ug/kg	10	07-FEB-02 23:05	VOA OLM 4.2	02-024-1926
MIBK(4-Methyl-2-pentanone)	U	ug/kg	10	07-FEB-02 23:05	VOA OLM 4.2	02-024-1926
Toluene	8 J J	ug/kg	10	07-FEB-02 23:05	VOA OLM 4.2	02-024-1926
trans-1,3-Dichloropropene	U	ug/kg	10	07-FEB-02 23:05	VOA OLM 4.2	02-024-1926
1,1,2-Trichloroethane	U	ug/kg	10	07-FEB-02 23:05	VOA OLM 4.2	02-024-1926
Tetrachloroethene	U	ug/kg	10	07-FEB-02 23:05	VOA OLM 4.2	02-024-1926
2-Hexanone	U	ug/kg	10	07-FEB-02 23:05	VOA OLM 4.2	02-024-1926
Dibromochloromethane	U	ug/kg	10	07-FEB-02 23:05	VOA OLM 4.2	02-024-1926
1,2-Dibromoethane	U	ug/kg	10	07-FEB-02 23:05	VOA OLM 4.2	02-024-1926
Chlorobenzene	U	ug/kg	10	07-FEB-02 23:05	VOA OLM 4.2	02-024-1926
Ethylbenzene	U	ug/kg	10	07-FEB-02 23:05	VOA OLM 4.2	02-024-1926
p-Xylene/m-Xylene	5 J J	ug/kg	10	07-FEB-02 23:05	VOA OLM 4.2	02-024-1926
o-Xylene	U	ug/kg	10	07-FEB-02 23:05	VOA OLM 4.2	02-024-1926
Styrene	U	ug/kg	10	07-FEB-02 23:05	VOA OLM 4.2	02-024-1926
Bromoform	U	ug/kg	10	07-FEB-02 23:05	VOA OLM 4.2	02-024-1926
Isopropylbenzene	U	ug/kg	10	07-FEB-02 23:05	VOA OLM 4.2	02-024-1926
1,2,2-Tetrachloroethane	U	ug/kg	10	07-FEB-02 23:05	VOA OLM 4.2	02-024-1926
1,3-Dichlorobenzene	U	ug/kg	10	07-FEB-02 23:05	VOA OLM 4.2	02-024-1926
1,4-Dichlorobenzene	U	ug/kg	10	07-FEB-02 23:05	VOA OLM 4.2	02-024-1926
1,2-Dichlorobenzene	U	ug/kg	10	07-FEB-02 23:05	VOA OLM 4.2	02-024-1926
1,2-Dibromo-3-chloropropane	U	ug/kg	10	07-FEB-02 23:05	VOA OLM 4.2	02-024-1926
1,2,4-Trichlorobenzene	U	ug/kg	10	07-FEB-02 23:05	VOA OLM 4.2	02-024-1926

Library Search Compounds:	Result	Units	Qual	Retention Time

No library search compounds detected.

Surrogate Recovery:

1,2-Dichloroethane-d4	108	%	02-024-1926
Toluene-d8	134	%	02-024-1926
4-Bromofluorobenzene	67	%	02-024-1926

Analysis Comment: Results Calculated on a dry weight basis. Internal standard 3 recovery below limits. Confirmed by file D1932.

Results calculated on a dry weight basis.

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit



ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 05-MAR-2002

Lab Sample ID: L83430-2

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: S-01-3
Description: GRAB
Sampled On: 05-FEB-02 14:00 by CLIENT
Date Received: 06-FEB-02 11:49
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
PEST/PCB OLM 4.2						
alpha-BHC	U	ug/kg	2	01-MAR-02 00:00	PEST/PCB OLM 4.2	02-006-5261
beta-BHC	U	ug/kg	2	01-MAR-02 00:00	PEST/PCB OLM 4.2	02-006-5261
Lindane (gamma-BHC)	U	ug/kg	2	01-MAR-02 00:00	PEST/PCB OLM 4.2	02-006-5261
delta-BHC	U	ug/kg	2	01-MAR-02 00:00	PEST/PCB OLM 4.2	02-006-5261
Heptachlor	U	ug/kg	2	01-MAR-02 00:00	PEST/PCB OLM 4.2	02-006-5261
Aldrin	U	ug/kg	2	01-MAR-02 00:00	PEST/PCB OLM 4.2	02-006-5261
Heptachlor epoxide	U	ug/kg	2	01-MAR-02 00:00	PEST/PCB OLM 4.2	02-006-5261
alpha-Chlordane	U	ug/kg	2	01-MAR-02 00:00	PEST/PCB OLM 4.2	02-006-5261
Endosulfan I	U	ug/kg	2	01-MAR-02 00:00	PEST/PCB OLM 4.2	02-006-5261
gamma-Chlordane	U	ug/kg	2	01-MAR-02 00:00	PEST/PCB OLM 4.2	02-006-5261
4,4'-DDE	U	ug/kg	3.8	01-MAR-02 00:00	PEST/PCB OLM 4.2	02-006-5261
Dieldrin	U	ug/kg	3.8	01-MAR-02 00:00	PEST/PCB OLM 4.2	02-006-5261
Endrin	U	ug/kg	3.8	01-MAR-02 00:00	PEST/PCB OLM 4.2	02-006-5261
Endosulfan II	U	ug/kg	3.8	01-MAR-02 00:00	PEST/PCB OLM 4.2	02-006-5261
4,4'-DDD	U	ug/kg	3.8	01-MAR-02 00:00	PEST/PCB OLM 4.2	02-006-5261
Endrin aldehyde	U	ug/kg	3.8	01-MAR-02 00:00	PEST/PCB OLM 4.2	02-006-5261
Endosulfan sulfate	U	ug/kg	3.8	01-MAR-02 00:00	PEST/PCB OLM 4.2	02-006-5261
4,4'-DDT	U	ug/kg	3.8	01-MAR-02 00:00	PEST/PCB OLM 4.2	02-006-5261
Endrin Ketone	U	ug/kg	3.8	01-MAR-02 00:00	PEST/PCB OLM 4.2	02-006-5261
toxychlor	U	ug/kg	20	01-MAR-02 00:00	PEST/PCB OLM 4.2	02-006-5261
xaphene	U	ug/kg	200	01-MAR-02 00:00	PEST/PCB OLM 4.2	02-006-5261
PCB 1016	U	ug/kg	38	01-MAR-02 00:00	PEST/PCB OLM 4.2	02-006-5261
PCB 1221	U	ug/kg	77	01-MAR-02 00:00	PEST/PCB OLM 4.2	02-006-5261
PCB 1232	U	ug/kg	38	01-MAR-02 00:00	PEST/PCB OLM 4.2	02-006-5261
PCB 1242	U	ug/kg	38	01-MAR-02 00:00	PEST/PCB OLM 4.2	02-006-5261
PCB 1248	U	ug/kg	38	01-MAR-02 00:00	PEST/PCB OLM 4.2	02-006-5261
PCB 1254	U	ug/kg	38	01-MAR-02 00:00	PEST/PCB OLM 4.2	02-006-5261
PCB 1260	U	ug/kg	38	01-MAR-02 00:00	PEST/PCB OLM 4.2	02-006-5261

Extraction Information:

07-FEB-02 00:00

01-194-51

Surrogate Recovery:

Tetrachloro-m-xylene
Decachlorobiphenyl

87
71

%
%

02-006-5261
02-006-5261

Results calculated on a dry weight basis.

QC Real

NY 10252

NJ 73168

PA 68180

Page 3 of 6
EPA NY 00033

Approved by: John P. Kent

Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 05-MAR-2002

Lab Sample ID: L83430-2

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: S-01-3
Description: GRAB
Sampled On: 05-FEB-02 14:00 by CLIENT
Date Received: 06-FEB-02 11:49
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
SVOA OLM 4.2						
Bis(2-chloroethylether)	U			02 15:08	SVOA OLM 4.2	02-011-1186
Benzaldehyde	U			02 15:08	SVOA OLM 4.2	02-011-1186
Phenol	U			02 15:08	SVOA OLM 4.2	02-011-1186
2-Chlorophenol	U			02 15:08	SVOA OLM 4.2	02-011-1186
2-Methylphenol	U			02 15:08	SVOA OLM 4.2	02-011-1186
2,2'Oxybis(1-Chloropropane)	U			02 15:08	SVOA OLM 4.2	02-011-1186
Hexachloroethane	U			2 15:08	SVOA OLM 4.2	02-011-1186
N-Nitrosodi-N-propylamine	U			2 15:08	SVOA OLM 4.2	02-011-1186
Acetophenone	U			2 15:08	SVOA OLM 4.2	02-011-1186
4-Methylphenol	U			2 15:08	SVOA OLM 4.2	02-011-1186
Nitrobenzene	U			2 15:08	SVOA OLM 4.2	02-011-1186
Isophorone	U			15-FEB-02 15:08	SVOA OLM 4.2	02-011-1186
2-Nitrophenol	U	ug/kg	380	15-FEB-02 15:08	SVOA OLM 4.2	02-011-1186
2,4-Dimethylphenol	U	ug/kg	380	15-FEB-02 15:08	SVOA OLM 4.2	02-011-1186
Bis(2-chloroethoxymethane)	U	ug/kg	380	15-FEB-02 15:08	SVOA OLM 4.2	02-011-1186
2,4-Dichlorophenol	U	ug/kg	380	15-FEB-02 15:08	SVOA OLM 4.2	02-011-1186
Naphthalene	U	ug/kg	380	15-FEB-02 15:08	SVOA OLM 4.2	02-011-1186
4-Chloroaniline	U	ug/kg	380	15-FEB-02 15:08	SVOA OLM 4.2	02-011-1186
Hexachlorobutadiene	U	ug/kg	380	15-FEB-02 15:08	SVOA OLM 4.2	02-011-1186
prolactam	U	ug/kg	380	15-FEB-02 15:08	SVOA OLM 4.2	02-011-1186
4-Chloro-3-methylphenol	U	ug/kg	380	15-FEB-02 15:08	SVOA OLM 4.2	02-011-1186
2-Methylnaphthalene	U	ug/kg	380	15-FEB-02 15:08	SVOA OLM 4.2	02-011-1186
Hexachlorocyclopentadiene	U	ug/kg	380	15-FEB-02 15:08	SVOA OLM 4.2	02-011-1186
2,4,6-Trichlorophenol	U	ug/kg	380	15-FEB-02 15:08	SVOA OLM 4.2	02-011-1186
2,4,5-Trichlorophenol	U	ug/kg	960	15-FEB-02 15:08	SVOA OLM 4.2	02-011-1186
2-Chloronaphthalene	U	ug/kg	380	15-FEB-02 15:08	SVOA OLM 4.2	02-011-1186
1,1'-Biphenyl	U	ug/kg	380	15-FEB-02 15:08	SVOA OLM 4.2	02-011-1186
2-Nitroaniline	U	ug/kg	960	15-FEB-02 15:08	SVOA OLM 4.2	02-011-1186
Dimethyl phthalate	U	ug/kg	380	15-FEB-02 15:08	SVOA OLM 4.2	02-011-1186
Acenaphthylene	U	ug/kg	380	15-FEB-02 15:08	SVOA OLM 4.2	02-011-1186
2,6-Dinitrotoluene	U	ug/kg	380	15-FEB-02 15:08	SVOA OLM 4.2	02-011-1186
3-Nitroaniline	U	ug/kg	960	15-FEB-02 15:08	SVOA OLM 4.2	02-011-1186
Acenaphthene	U	ug/kg	380	15-FEB-02 15:08	SVOA OLM 4.2	02-011-1186
2,4-Dinitrophenol	U	ug/kg	960	15-FEB-02 15:08	SVOA OLM 4.2	02-011-1186
Dibenzofuran	U	ug/kg	380	15-FEB-02 15:08	SVOA OLM 4.2	02-011-1186
2,4-Dinitrotoluene	U	ug/kg	380	15-FEB-02 15:08	SVOA OLM 4.2	02-011-1186
4-Nitrophenol	U	ug/kg	960	15-FEB-02 15:08	SVOA OLM 4.2	02-011-1186
Diethyl phthalate	U	ug/kg	380	15-FEB-02 15:08	SVOA OLM 4.2	02-011-1186
Fluorene	U	ug/kg	380	15-FEB-02 15:08	SVOA OLM 4.2	02-011-1186
4-Chlorophenylphenylether	U	ug/kg	380	15-FEB-02 15:08	SVOA OLM 4.2	02-011-1186
4-Nitroaniline	U	ug/kg	960	15-FEB-02 15:08	SVOA OLM 4.2	02-011-1186
Results calculated on a dry weight basis.						

Page 4 of 6

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NY 10252

NJ 73168

PA 68180

EPA NY 00033

Approved by: John B. Kent

Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 05-MAR-2002

Lab Sample ID: L83430-2

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: S-01-3
Description: GRAB
Sampled On: 05-FEB-02 14:00 by CLIENT
Date Received: 06-FEB-02 11:49
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
2-Methyl-4,6-dinitrophenol	U	ug/kg	960	15-FEB-02 15:08	SVOA OLM 4.2	02-011-1186
N-Nitrosodiphenylamine	U	ug/kg	380	15-FEB-02 15:08	SVOA OLM 4.2	02-011-1186
4-Bromophenylphenylether	U	ug/kg	380	15-FEB-02 15:08	SVOA OLM 4.2	02-011-1186
Hexachlorobenzene	U	ug/kg	380	15-FEB-02 15:08	SVOA OLM 4.2	02-011-1186
Atrazine	U	ug/kg	380	15-FEB-02 15:08	SVOA OLM 4.2	02-011-1186
Pentachlorophenol	U	ug/kg	960	15-FEB-02 15:08	SVOA OLM 4.2	02-011-1186
Phenanthrene	U	ug/kg	380	15-FEB-02 15:08	SVOA OLM 4.2	02-011-1186
Anthracene	U	ug/kg	380	15-FEB-02 15:08	SVOA OLM 4.2	02-011-1186
Carbazole	U	ug/kg	380	15-FEB-02 15:08	SVOA OLM 4.2	02-011-1186
Di-n-butyl phthalate	67	ug/kg	380	15-FEB-02 15:08	SVOA OLM 4.2	02-011-1186
Fluoranthene	U	ug/kg	380	15-FEB-02 15:08	SVOA OLM 4.2	02-011-1186
Pyrene	U	ug/kg	380	15-FEB-02 15:08	SVOA OLM 4.2	02-011-1186
Butylbenzyl phthalate	50	ug/kg	380	15-FEB-02 15:08	SVOA OLM 4.2	02-011-1186
Benzo(a)anthracene	U	ug/kg	380	15-FEB-02 15:08	SVOA OLM 4.2	02-011-1186
3,3-Dichlorobenzidine	U	ug/kg	380	15-FEB-02 15:08	SVOA OLM 4.2	02-011-1186
Chrysene	U	ug/kg	380	15-FEB-02 15:08	SVOA OLM 4.2	02-011-1186
Bis-2-ethylhexyl phthalate	130	ug/kg	380	15-FEB-02 15:08	SVOA OLM 4.2	02-011-1186
Di-n-octyl phthalate	U	ug/kg	380	15-FEB-02 15:08	SVOA OLM 4.2	02-011-1186
Benzo(b)fluoranthene	U	ug/kg	380	15-FEB-02 15:08	SVOA OLM 4.2	02-011-1186
Benzo(k)fluoranthene	U	ug/kg	380	15-FEB-02 15:08	SVOA OLM 4.2	02-011-1186
Benzo(a)pyrene	U	ug/kg	380	15-FEB-02 15:08	SVOA OLM 4.2	02-011-1186
beno(1,2,3-cd)pyrene	U	ug/kg	380	15-FEB-02 15:08	SVOA OLM 4.2	02-011-1186
benzo(a,h)anthracene	U	ug/kg	380	15-FEB-02 15:08	SVOA OLM 4.2	02-011-1186
Benzo(g,h,i)perylene	U	ug/kg	380	15-FEB-02 15:08	SVOA OLM 4.2	02-011-1186

Extraction Information:

22-FEB-02 00:00

01-133-88

Library Search Compounds:	Result	Units	Qual	Retention Time
Unknown	110	ug/kg	J	17.74
Unknown	640	ug/kg	J	28.49
3-(4-methoxyphenyl) 2-ethylhexy-2-Propeno	790	ug/kg	NJ	30.07
butyl ester Octadecanoic Acid	370	ug/kg	NJ	30.7
bis (2-ethyl hexyl) ester Hexanedioic Acid	350	ug/kg	NJ	30.77

Results calculated on a dry weight basis.

QC ed NY 10252 NJ 73168 PA 68180 EPA NY 00033
Page 5 of 6

Approved by: John A. Kent
Lab Director

Y: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 05-MAR-2002

Lab Sample ID: L83430-2

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: S-01-3
Description: GRAB
Sampled On: 05-FEB-02 14:00 by CLIENT
Date Received: 06-FEB-02 11:49
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Library Search Compounds:	Result	Units	Qual	Retention Time		
Unknown	480	ug/kg	J	34.92		

Library Search Comment: Six library search compounds detected.

Surrogate Recovery:

2-Fluorophenol	0	*	%			02-011-1186
Phenol-d5	0	*	%			02-011-1186
2-Chlorophenol-d4	0	*	%			02-011-1186
1,2-Dichlorobenzene-d4	0	*	%			02-011-1186
Nitrobenzene-d5	0	*	%			02-011-1186
2-Fluorobiphenyl	0	*	%			02-011-1186
2,4,6-Tribromophenol	0	*	%			02-011-1186
Terphenyl-d14	0	*	%			02-011-1186

Analysis Comment: Calculated on a dry weight basis. *Surrogates below limits. IS's 1-2 out high, 5-6 out low. Sample results confirmed by file B1196, in which all surrogates but 2-fluorophenol within limits, IS's 5-6 were out low.

Results calculated on a dry weight basis.

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NY 10252

NJ 73168

PA 68180

EPA NY 00033

Approved by:

Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 05-MAR-2002

Lab Sample ID: L83430-15

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TB-01-7C-9/
Description: GRAB
Sampled On: 05-FEB-02 12:19 by CLIENT
Date Received: 06-FEB-02 11:49
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	58.5	%		06-FEB-02 00:00	CLP 3.0	01-202-32
VOA OLM 4.2						
Chloromethane	U	ug/kg	16	08-FEB-02 01:18	VOA OLM 4.2	02-024-1930
Dichlorodifluoromethane	U	ug/kg	16	08-FEB-02 01:18	VOA OLM 4.2	02-024-1930
Bromomethane	U	ug/kg	16	08-FEB-02 01:18	VOA OLM 4.2	02-024-1930
Vinyl chloride	U	ug/kg	16	08-FEB-02 01:18	VOA OLM 4.2	02-024-1930
Chloroethane	U	ug/kg	16	08-FEB-02 01:18	VOA OLM 4.2	02-024-1930
Trichlorofluoromethane	U	ug/kg	16	08-FEB-02 01:18	VOA OLM 4.2	02-024-1930
Methylene chloride	9 JB U	ug/kg	16	08-FEB-02 01:18	VOA OLM 4.2	02-024-1930
Acetone	U	ug/kg	16	08-FEB-02 01:18	VOA OLM 4.2	02-024-1930
Carbon disulfide	U	ug/kg	16	08-FEB-02 01:18	VOA OLM 4.2	02-024-1930
Methyl Acetate	U	ug/kg	16	08-FEB-02 01:18	VOA OLM 4.2	02-024-1930
1,1-Dichloroethene	U	ug/kg	16	08-FEB-02 01:18	VOA OLM 4.2	02-024-1930
trans-1,2-Dichloroethene	U	ug/kg	16	08-FEB-02 01:18	VOA OLM 4.2	02-024-1930
MTBE(Methyl tert-butyl ether)	U	ug/kg	16	08-FEB-02 01:18	VOA OLM 4.2	02-024-1930
1,1-Dichloroethane	U	ug/kg	16	08-FEB-02 01:18	VOA OLM 4.2	02-024-1930
1,1,2-Trichloro-1,2,2-trifluoroethane	U	ug/kg	16	08-FEB-02 01:18	VOA OLM 4.2	02-024-1930
cis-1,2-Dichloroethene	U	ug/kg	16	08-FEB-02 01:18	VOA OLM 4.2	02-024-1930
2-Butanone	U	ug/kg	16	08-FEB-02 01:18	VOA OLM 4.2	02-024-1930
Chloroform	U	ug/kg	16	08-FEB-02 01:18	VOA OLM 4.2	02-024-1930
1,1,1-Trichloroethane	U	ug/kg	16	08-FEB-02 01:18	VOA OLM 4.2	02-024-1930
Cyclohexane	U	ug/kg	16	08-FEB-02 01:18	VOA OLM 4.2	02-024-1930
Carbon tetrachloride	U	ug/kg	16	08-FEB-02 01:18	VOA OLM 4.2	02-024-1930
Benzene	U	ug/kg	16	08-FEB-02 01:18	VOA OLM 4.2	02-024-1930
1,2-Dichloroethane	U	ug/kg	16	08-FEB-02 01:18	VOA OLM 4.2	02-024-1930
Trichloroethene	U	ug/kg	16	08-FEB-02 01:18	VOA OLM 4.2	02-024-1930
Methylcyclohexane	U	ug/kg	16	08-FEB-02 01:18	VOA OLM 4.2	02-024-1930
1,2-Dichloropropane	U	ug/kg	16	08-FEB-02 01:18	VOA OLM 4.2	02-024-1930
Bromodichloromethane	U	ug/kg	16	08-FEB-02 01:18	VOA OLM 4.2	02-024-1930
cis-1,3-Dichloropropene	U	ug/kg	16	08-FEB-02 01:18	VOA OLM 4.2	02-024-1930
MIBK(4-Methyl-2-pentanone)	U	ug/kg	16	08-FEB-02 01:18	VOA OLM 4.2	02-024-1930
Toluene	U	ug/kg	16	08-FEB-02 01:18	VOA OLM 4.2	02-024-1930
trans-1,3-Dichloropropene	U	ug/kg	16	08-FEB-02 01:18	VOA OLM 4.2	02-024-1930
1,1,2-Trichloroethane	U	ug/kg	16	08-FEB-02 01:18	VOA OLM 4.2	02-024-1930
Tetrachloroethene	U	ug/kg	16	08-FEB-02 01:18	VOA OLM 4.2	02-024-1930
2-Hexanone	U	ug/kg	16	08-FEB-02 01:18	VOA OLM 4.2	02-024-1930
Dibromochloromethane	U	ug/kg	16	08-FEB-02 01:18	VOA OLM 4.2	02-024-1930
1,2-Dibromoethane	U	ug/kg	16	08-FEB-02 01:18	VOA OLM 4.2	02-024-1930
Chlorobenzene	U	ug/kg	16	08-FEB-02 01:18	VOA OLM 4.2	02-024-1930
Ethylbenzene	U	ug/kg	16	08-FEB-02 01:18	VOA OLM 4.2	02-024-1930

Results calculated on a dry weight basis.

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
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WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 05-MAR-2002

Lab Sample ID: L83430-15

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TB-01-7C-9'
Description: GRAB
Sampled On: 05-FEB-02 12:19 by CLIENT
Date Received: 06-FEB-02 11:49
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
p-Xylene/m-Xylene	U	ug/kg	16	08-FEB-02 01:18	VOA OLM 4.2	02-024-1930
o-Xylene	U	ug/kg	16	08-FEB-02 01:18	VOA OLM 4.2	02-024-1930
Styrene	U	ug/kg	16	08-FEB-02 01:18	VOA OLM 4.2	02-024-1930
Bromoform	U	ug/kg	16	08-FEB-02 01:18	VOA OLM 4.2	02-024-1930
Isopropylbenzene	U	ug/kg	16	08-FEB-02 01:18	VOA OLM 4.2	02-024-1930
1,1,2,2-Tetrachloroethane	U	ug/kg	16	08-FEB-02 01:18	VOA OLM 4.2	02-024-1930
1,3-Dichlorobenzene	U	ug/kg	16	08-FEB-02 01:18	VOA OLM 4.2	02-024-1930
1,4-Dichlorobenzene	U	ug/kg	16	08-FEB-02 01:18	VOA OLM 4.2	02-024-1930
1,2-Dichlorobenzene	U	ug/kg	16	08-FEB-02 01:18	VOA OLM 4.2	02-024-1930
1,2-Dibromo-3-chloropropane	U	ug/kg	16	08-FEB-02 01:18	VOA OLM 4.2	02-024-1930
1,2,4-Trichlorobenzene	U	ug/kg	16	08-FEB-02 01:18	VOA OLM 4.2	02-024-1930

Library Search Compounds:	Result	Units	Qual	Retention Time

No library search compounds detected.

Surrogate Recovery:

1,2-Dichloroethane-d4	109	%	02-024-1930
Toluene-d8	96	%	02-024-1930
-Bromofluorobenzene	92	%	02-024-1930

Analysis Comment: Results Calculated on a dry weight basis.

SVOA OLM 4.2

Bis(2-chloroethylether)	U	ug/kg	570	12-FEB-02 16:07	SVOA OLM 4.2	02-011-1154
Benzaldehyde	U	ug/kg	570	12-FEB-02 16:07	SVOA OLM 4.2	02-011-1154
Phenol	U	ug/kg	570	12-FEB-02 16:07	SVOA OLM 4.2	02-011-1154
2-Chlorophenol	U	ug/kg	570	12-FEB-02 16:07	SVOA OLM 4.2	02-011-1154
2-Methylphenol	U	ug/kg	570	12-FEB-02 16:07	SVOA OLM 4.2	02-011-1154
2,2'Oxybis(1-Chloropropane)	U	ug/kg	570	12-FEB-02 16:07	SVOA OLM 4.2	02-011-1154
Hexachloroethane	U	ug/kg	570	12-FEB-02 16:07	SVOA OLM 4.2	02-011-1154
N-Nitrosodi-N-propylamine	U	ug/kg	570	12-FEB-02 16:07	SVOA OLM 4.2	02-011-1154
Acetophenone	U	ug/kg	570	12-FEB-02 16:07	SVOA OLM 4.2	02-011-1154
4-Methylphenol	U	ug/kg	570	12-FEB-02 16:07	SVOA OLM 4.2	02-011-1154
Nitrobenzene	U	ug/kg	570	12-FEB-02 16:07	SVOA OLM 4.2	02-011-1154
Isophorone	U	ug/kg	570	12-FEB-02 16:07	SVOA OLM 4.2	02-011-1154
2-Nitrophenol	U	ug/kg	570	12-FEB-02 16:07	SVOA OLM 4.2	02-011-1154
2,4-Dimethylphenol	U	ug/kg	570	12-FEB-02 16:07	SVOA OLM 4.2	02-011-1154
Bis(2-chloroethoxymethane)	U	ug/kg	570	12-FEB-02 16:07	SVOA OLM 4.2	02-011-1154
2,4-Dichlorophenol	U	ug/kg	570	12-FEB-02 16:07	SVOA OLM 4.2	02-011-1154
Naphthalene	U	ug/kg	570	12-FEB-02 16:07	SVOA OLM 4.2	02-011-1154

Results calculated on a dry weight basis.

QC *ear*

NY 10252

NJ 73168

PA 68180

Page 2 of 4
EPA NY 00033

Approved by: *John A. Kent*

Lab Director

Y:	ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
	mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
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WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 05-MAR-2002

Lab Sample ID: L83430-15

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TB-01-7C-9
Description: GRAB
Sampled On: 05-FEB-02 12:19 by CLIENT
Date Received: 06-FEB-02 11:49
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
4-Chloroaniline	U	ug/kg	570	12-FEB-02 16:07	SVOA OLM 4.2	02-011-1154
Hexachlorobutadiene	U	ug/kg	570	12-FEB-02 16:07	SVOA OLM 4.2	02-011-1154
Caprolactam	U	ug/kg	570	12-FEB-02 16:07	SVOA OLM 4.2	02-011-1154
4-Chloro-3-methylphenol	U	ug/kg	570	12-FEB-02 16:07	SVOA OLM 4.2	02-011-1154
2-Methylnaphthalene	U	ug/kg	570	12-FEB-02 16:07	SVOA OLM 4.2	02-011-1154
Hexachlorocyclopentadiene	U	ug/kg	570	12-FEB-02 16:07	SVOA OLM 4.2	02-011-1154
2,4,6-Trichlorophenol	U	ug/kg	570	12-FEB-02 16:07	SVOA OLM 4.2	02-011-1154
2,4,5-Trichlorophenol	U	ug/kg	1400	12-FEB-02 16:07	SVOA OLM 4.2	02-011-1154
2-Chloronaphthalene	U	ug/kg	570	12-FEB-02 16:07	SVOA OLM 4.2	02-011-1154
1,1'-Biphenyl	U	ug/kg	570	12-FEB-02 16:07	SVOA OLM 4.2	02-011-1154
2-Nitroaniline	U	ug/kg	1400	12-FEB-02 16:07	SVOA OLM 4.2	02-011-1154
Dimethyl phthalate	U	ug/kg	570	12-FEB-02 16:07	SVOA OLM 4.2	02-011-1154
Acenaphthylene	U	ug/kg	570	12-FEB-02 16:07	SVOA OLM 4.2	02-011-1154
2,6-Dinitrotoluene	U	ug/kg	570	12-FEB-02 16:07	SVOA OLM 4.2	02-011-1154
3-Nitroaniline	U	ug/kg	1400	12-FEB-02 16:07	SVOA OLM 4.2	02-011-1154
Acenaphthene	U	ug/kg	570	12-FEB-02 16:07	SVOA OLM 4.2	02-011-1154
2,4-Dinitrophenol	U	ug/kg	1400	12-FEB-02 16:07	SVOA OLM 4.2	02-011-1154
Dibenzofuran	U	ug/kg	570	12-FEB-02 16:07	SVOA OLM 4.2	02-011-1154
2,4-Dinitrotoluene	U	ug/kg	570	12-FEB-02 16:07	SVOA OLM 4.2	02-011-1154
4-Nitrophenol	U	ug/kg	1400	12-FEB-02 16:07	SVOA OLM 4.2	02-011-1154
Diethyl phthalate	U	ug/kg	570	12-FEB-02 16:07	SVOA OLM 4.2	02-011-1154
fluorene	U	ug/kg	570	12-FEB-02 16:07	SVOA OLM 4.2	02-011-1154
Chlorophenylphenylether	U	ug/kg	570	12-FEB-02 16:07	SVOA OLM 4.2	02-011-1154
p-Nitroaniline	U	ug/kg	1400	12-FEB-02 16:07	SVOA OLM 4.2	02-011-1154
2-Methyl-4,6-dinitrophenol	U	ug/kg	1400	12-FEB-02 16:07	SVOA OLM 4.2	02-011-1154
N-Nitrosodiphenylamine	U	ug/kg	570	12-FEB-02 16:07	SVOA OLM 4.2	02-011-1154
4-Bromophenylphenylether	U	ug/kg	570	12-FEB-02 16:07	SVOA OLM 4.2	02-011-1154
Hexachlorobenzene	U	ug/kg	570	12-FEB-02 16:07	SVOA OLM 4.2	02-011-1154
Atrazine	U	ug/kg	570	12-FEB-02 16:07	SVOA OLM 4.2	02-011-1154
Pentachlorophenol	U	ug/kg	1400	12-FEB-02 16:07	SVOA OLM 4.2	02-011-1154
Phenanthrene	U	ug/kg	570	12-FEB-02 16:07	SVOA OLM 4.2	02-011-1154
Anthracene	U	ug/kg	570	12-FEB-02 16:07	SVOA OLM 4.2	02-011-1154
Carbazole	U	ug/kg	570	12-FEB-02 16:07	SVOA OLM 4.2	02-011-1154
Di-n-butyl phthalate	U	ug/kg	570	12-FEB-02 16:07	SVOA OLM 4.2	02-011-1154
Fluoranthene	U	ug/kg	570	12-FEB-02 16:07	SVOA OLM 4.2	02-011-1154
Pyrene	U	ug/kg	570	12-FEB-02 16:07	SVOA OLM 4.2	02-011-1154
Butylbenzyl phthalate	U	ug/kg	570	12-FEB-02 16:07	SVOA OLM 4.2	02-011-1154
Benzo(a)anthracene	U	ug/kg	570	12-FEB-02 16:07	SVOA OLM 4.2	02-011-1154
3,3-Dichlorobenzidine	U	ug/kg	570	12-FEB-02 16:07	SVOA OLM 4.2	02-011-1154
Chrysene	U	ug/kg	570	12-FEB-02 16:07	SVOA OLM 4.2	02-011-1154
Bis-2-ethylhexyl phthalate	U	ug/kg	570	12-FEB-02 16:07	SVOA OLM 4.2	02-011-1154
Di-n-octyl phthalate	U	ug/kg	570	12-FEB-02 16:07	SVOA OLM 4.2	02-011-1154
Benzo(b)fluoranthene	U	ug/kg	570	12-FEB-02 16:07	SVOA OLM 4.2	02-011-1154

Results calculated on a dry weight basis.

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QC al NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: John A. Kent
Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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"Our family, caring about your analytical needs . . . Since 1963."



ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 05-MAR-2002

Lab Sample ID: L83430-15

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TB-01-7C-9'
Description: GRAB
Sampled On: 05-FEB-02 12:19 by CLIENT
Date Received: 06-FEB-02 11:49
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Benzo(k)fluoranthene	U	ug/kg	570	12-FEB-02 16:07	SVOA OLM 4.2	02-011-1154
Benzo(a)pyrene	U	ug/kg	570	12-FEB-02 16:07	SVOA OLM 4.2	02-011-1154
Indeno(1,2,3-cd)pyrene	U	ug/kg	570	12-FEB-02 16:07	SVOA OLM 4.2	02-011-1154
Dibenzo(a,h)anthracene	U	ug/kg	570	12-FEB-02 16:07	SVOA OLM 4.2	02-011-1154
Benzo(g,h,i)perylene	U	ug/kg	570	12-FEB-02 16:07	SVOA OLM 4.2	02-011-1154
Extraction Information:				08-FEB-02 00:00		01-133-78

Library Search Compounds:	Result	Units	Qual	Retention Time
Hexadecanoic Acid	190	ug/kg	NJB	25.68

Library Search Comment: 1 library search compound detected.

Surrogate Recovery:

2-Fluorophenol	67	%	02-011-1154
Phenol-d5	68	%	02-011-1154
2-Chlorophenol-d4	74	%	02-011-1154
1,2-Dichlorobenzene-d4	55	%	02-011-1154
trobenzene-d5	58	%	02-011-1154
Fluorobiphenyl	60	%	02-011-1154
2,4,6-Tribromophenol	69	%	02-011-1154
Terphenyl-d14	59	%	02-011-1154

Analysis Comment: Results Calculated on a dry weight basis.

Results calculated on a dry weight basis.

QC *gah*

NY 10252

NJ 73168

PA 68180

Page 4 of 4
EPA NY 00033

Approved by: *John P. Kent*
Lab Director

✓ ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 05-MAR-2002

Lab Sample ID: L83430-16

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: FRIEND LABORATORY, INC.
Origin: 95-045-108-1
Description: HOLDING BLANK
Sampled On: 06-FEB-02 00:00 by LAB
Date Received: 06-FEB-02 11:49
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
VOA OLM 4.2						
Chloromethane	U	ug/l	10	08-FEB-02 15:37	VOA OLM 4.2	02-024-1943
Dichlorodifluoromethane	U	ug/l	10	08-FEB-02 15:37	VOA OLM 4.2	02-024-1943
Bromomethane	U	ug/l	10	08-FEB-02 15:37	VOA OLM 4.2	02-024-1943
Vinyl chloride	U	ug/l	10	08-FEB-02 15:37	VOA OLM 4.2	02-024-1943
Chloroethane	U	ug/l	10	08-FEB-02 15:37	VOA OLM 4.2	02-024-1943
Trichlorofluoromethane	U	ug/l	10	08-FEB-02 15:37	VOA OLM 4.2	02-024-1943
Methylene chloride	3 JB U	ug/l	10	08-FEB-02 15:37	VOA OLM 4.2	02-024-1943
Acetone	U	ug/l	10	08-FEB-02 15:37	VOA OLM 4.2	02-024-1943
Carbon disulfide	U	ug/l	10	08-FEB-02 15:37	VOA OLM 4.2	02-024-1943
Methyl Acetate	U	ug/l	10	08-FEB-02 15:37	VOA OLM 4.2	02-024-1943
1,1-Dichloroethene	U	ug/l	10	08-FEB-02 15:37	VOA OLM 4.2	02-024-1943
trans-1,2-Dichloroethene	U	ug/l	10	08-FEB-02 15:37	VOA OLM 4.2	02-024-1943
MTBE(Methyl tert-butyl ether)	U	ug/l	10	08-FEB-02 15:37	VOA OLM 4.2	02-024-1943
1,1-Dichloroethane	U	ug/l	10	08-FEB-02 15:37	VOA OLM 4.2	02-024-1943
1,1,2-Trichloro-1,2,2-trifluoroethane	U	ug/l	10	08-FEB-02 15:37	VOA OLM 4.2	02-024-1943
cis-1,2-Dichloroethene	U	ug/l	10	08-FEB-02 15:37	VOA OLM 4.2	02-024-1943
MEK(2-Butanone)	U	ug/l	10	08-FEB-02 15:37	VOA OLM 4.2	02-024-1943
Chloroform	U	ug/l	10	08-FEB-02 15:37	VOA OLM 4.2	02-024-1943
1,1-Trichloroethane	U	ug/l	10	08-FEB-02 15:37	VOA OLM 4.2	02-024-1943
cyclohexane	U	ug/l	10	08-FEB-02 15:37	VOA OLM 4.2	02-024-1943
Carbon tetrachloride	U	ug/l	10	08-FEB-02 15:37	VOA OLM 4.2	02-024-1943
Benzene	U	ug/l	10	08-FEB-02 15:37	VOA OLM 4.2	02-024-1943
1,2-Dichloroethane	U	ug/l	10	08-FEB-02 15:37	VOA OLM 4.2	02-024-1943
Trichloroethene	U	ug/l	10	08-FEB-02 15:37	VOA OLM 4.2	02-024-1943
Methylcyclohexane	U	ug/l	10	08-FEB-02 15:37	VOA OLM 4.2	02-024-1943
1,2-Dichloropropane	U	ug/l	10	08-FEB-02 15:37	VOA OLM 4.2	02-024-1943
Bromodichloromethane	U	ug/l	10	08-FEB-02 15:37	VOA OLM 4.2	02-024-1943
cis-1,3-Dichloropropene	U	ug/l	10	08-FEB-02 15:37	VOA OLM 4.2	02-024-1943
MIBK(4-Methyl-2-pentanone)	U	ug/l	10	08-FEB-02 15:37	VOA OLM 4.2	02-024-1943
Toluene	U	ug/l	10	08-FEB-02 15:37	VOA OLM 4.2	02-024-1943
trans-1,3-Dichloropropene	U	ug/l	10	08-FEB-02 15:37	VOA OLM 4.2	02-024-1943
1,1,2-Trichloroethane	U	ug/l	10	08-FEB-02 15:37	VOA OLM 4.2	02-024-1943
Tetrachloroethene	U	ug/l	10	08-FEB-02 15:37	VOA OLM 4.2	02-024-1943
2-Hexanone	U	ug/l	10	08-FEB-02 15:37	VOA OLM 4.2	02-024-1943
Dibromochloromethane	U	ug/l	10	08-FEB-02 15:37	VOA OLM 4.2	02-024-1943
1,2-Dibromoethane	U	ug/l	10	08-FEB-02 15:37	VOA OLM 4.2	02-024-1943
Chlorobenzene	U	ug/l	10	08-FEB-02 15:37	VOA OLM 4.2	02-024-1943
Ethylbenzene	U	ug/l	10	08-FEB-02 15:37	VOA OLM 4.2	02-024-1943
p-Xylene/m-Xylene	U	ug/l	10	08-FEB-02 15:37	VOA OLM 4.2	02-024-1943
o-Xylene	U	ug/l	10	08-FEB-02 15:37	VOA OLM 4.2	02-024-1943

Results calculated on a dry weight basis.

QC *oak*

NY 10252

NJ 73168

PA 68180

EPA NY 00033

Approved by: *John M. Hunt*

Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
B	= analyte was detected in the method or trip blank		J	= result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 05-MAR-2002

Lab Sample ID: L83430-16

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: FRIEND LABORATORY, INC.
Origin: 95-045-108-1
Description: HOLDING BLANK
Sampled On: 06-FEB-02 00:00 by LAB
Date Received: 06-FEB-02 11:49
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Styrene	U	ug/l	10	08-FEB-02 15:37	VOA OLM 4.2	02-024-1943
Bromoform	U	ug/l	10	08-FEB-02 15:37	VOA OLM 4.2	02-024-1943
Isopropylbenzene	U	ug/l	10	08-FEB-02 15:37	VOA OLM 4.2	02-024-1943
1,1,2,2-Tetrachloroethane	U	ug/l	10	08-FEB-02 15:37	VOA OLM 4.2	02-024-1943
1,3-Dichlorobenzene	U	ug/l	10	08-FEB-02 15:37	VOA OLM 4.2	02-024-1943
1,4-Dichlorobenzene	U	ug/l	10	08-FEB-02 15:37	VOA OLM 4.2	02-024-1943
1,2-Dichlorobenzene	U	ug/l	10	08-FEB-02 15:37	VOA OLM 4.2	02-024-1943
1,2-Dibromo-3-chloropropane	U	ug/l	10	08-FEB-02 15:37	VOA OLM 4.2	02-024-1943
1,2,4-Trichlorobenzene	U	ug/l	10	08-FEB-02 15:37	VOA OLM 4.2	02-024-1943

Library Search Compounds:	Result	Units	Qual	Retention Time

No library search compounds detected.

Surrogate Recovery:			
1,2-Dichloroethane-d4	104	%	02-024-1943
Toluene-d8	100	%	02-024-1943
4-Bromofluorobenzene	92	%	02-024-1943

Results calculated on a dry weight basis.

QC *car* NY 10252 NJ 73168 PA 68180 EPA NY 200033

Approved by: *John A. Kent*
Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
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APRIL 2002

IRM TEST RESULTS



ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 02-MAY-2002

Lab Sample ID: L86844-1

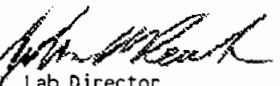
SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: E1-W
Description: GRAB
Sampled On: 11-APR-02 10:30 by CLIENT
Date Received: 16-APR-02 14:02
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	92.2	%		16-APR-02 00:00	CLP 3.0	01-202-75
EPA 8021						
Benzene	U	ug/kg	0.6	21-APR-02 05:22	EPA 8021	02-028-8086
Toluene	1	ug/kg	0.8	21-APR-02 05:22	EPA 8021	02-028-8086
Ethylbenzene	U	ug/kg	0.8	21-APR-02 05:22	EPA 8021	02-028-8086
p-Xylene/m-Xylene	U	ug/kg	0.8	21-APR-02 05:22	EPA 8021	02-028-8086
o-Xylene	U	ug/kg	0.8	21-APR-02 05:22	EPA 8021	02-028-8086
Isopropylbenzene	U	ug/kg	0.8	21-APR-02 05:22	EPA 8021	02-028-8086
n-Propylbenzene	U	ug/kg	0.8	21-APR-02 05:22	EPA 8021	02-028-8086
1,3,5-Trimethylbenzene	U	ug/kg	0.8	21-APR-02 05:22	EPA 8021	02-028-8086
tert-Butylbenzene	U	ug/kg	0.8	21-APR-02 05:22	EPA 8021	02-028-8086
1,2,4-Trimethylbenzene	U	ug/kg	0.8	21-APR-02 05:22	EPA 8021	02-028-8086
sec-Butylbenzene	U	ug/kg	0.8	21-APR-02 05:22	EPA 8021	02-028-8086
4-Isopropyltoluene	U	ug/kg	0.8	21-APR-02 05:22	EPA 8021	02-028-8086
n-Butylbenzene	U	ug/kg	0.8	21-APR-02 05:22	EPA 8021	02-028-8086
Naphthalene	U	ug/kg	0.8	21-APR-02 05:22	EPA 8021	02-028-8086
Methyl-tert-butyl-ether (MTBE)	U	ug/kg	4	21-APR-02 05:22	EPA 8021	02-028-8086
Surrogate Recovery:						
D - Bromofluorobenzene	92	%				02-028-8086
Analysis Comment: Results Calculated on a dry weight basis.						

EPA 8270

Naphthalene	U	ug/kg	270	22-APR-02 16:55	EPA 8270	02-011-1640
Acenaphthylene	U	ug/kg	270	22-APR-02 16:55	EPA 8270	02-011-1640
Acenaphthene	U	ug/kg	270	22-APR-02 16:55	EPA 8270	02-011-1640
Fluorene	U	ug/kg	270	22-APR-02 16:55	EPA 8270	02-011-1640
Phenanthrene	130 J	ug/kg	270	22-APR-02 16:55	EPA 8270	02-011-1640
Anthracene	U	ug/kg	270	22-APR-02 16:55	EPA 8270	02-011-1640
Fluoranthene	250 J	ug/kg	270	22-APR-02 16:55	EPA 8270	02-011-1640
Pyrene	260 J	ug/kg	270	22-APR-02 16:55	EPA 8270	02-011-1640
Benzo(a)anthracene	140 J	ug/kg	270	22-APR-02 16:55	EPA 8270	02-011-1640
Chrysene	180 J	ug/kg	270	22-APR-02 16:55	EPA 8270	02-011-1640
Benzo(b)fluoranthene	200 J	ug/kg	270	22-APR-02 16:55	EPA 8270	02-011-1640
Benzo(k)fluoranthene	U	ug/kg	270	22-APR-02 16:55	EPA 8270	02-011-1640
Benzo(a)pyrene	130 J	ug/kg	270	22-APR-02 16:55	EPA 8270	02-011-1640
Indeno(1,2,3-cd)pyrene	U	ug/kg	270	22-APR-02 16:55	EPA 8270	02-011-1640
Dibenzo(a,h)anthracene	U	ug/kg	270	22-APR-02 16:55	EPA 8270	02-011-1640
Results calculated on a dry weight basis.						

Approved by: 
Lab Director

Page 1 of 2
NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC 

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligram per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 02-MAY-2002

Lab Sample ID: L86844-1

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: E1-W
Description: GRAB
Sampled On: 11-APR-02 10:30 BY CLIENT
Date Received: 16-APR-02 14:02
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Benzo(g,h,i)perylene	U	ug/kg	270	22-APR-02 16:55	EPA 8270	02-011-1640
Extraction Information:				17-APR-02 00:00	EPA 3550	02-031-27

Surrogate Recovery:

Nitrobenzene-d5	75	%	02-011-1640
2-Fluorobiphenyl	78	%	02-011-1640
Terphenyl-d14	77	%	02-011-1640

Analysis Comment: Results Calculated on a dry weight basis.

Results calculated on a dry weight basis.

Approved by:

Lab Director

Page 2 of 2
NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
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TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 02-MAY-2002

Lab Sample ID: L86844-2

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: E1-B
Description: GRAB
Sampled On: 11-APR-02 10:30 by CLIENT
Date Received: 16-APR-02 14:02
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	89.7	%		16-APR-02 00:00	CLP 3.0	01-202-75
EPA 8021						
Benzene	U	ug/kg	92	21-APR-02 06:10	EPA 8021	02-028-8087
Toluene	U	ug/kg	130	21-APR-02 06:10	EPA 8021	02-028-8087
Ethylbenzene	U	ug/kg	130	21-APR-02 06:10	EPA 8021	02-028-8087
p-Xylene/m-Xylene	U	ug/kg	130	21-APR-02 06:10	EPA 8021	02-028-8087
o-Xylene	U	ug/kg	130	21-APR-02 06:10	EPA 8021	02-028-8087
Isopropylbenzene	U	ug/kg	130	21-APR-02 06:10	EPA 8021	02-028-8087
n-Propylbenzene	U	ug/kg	130	21-APR-02 06:10	EPA 8021	02-028-8087
1,3,5-Trimethylbenzene	U	ug/kg	130	21-APR-02 06:10	EPA 8021	02-028-8087
tert-Butylbenzene	U	ug/kg	130	21-APR-02 06:10	EPA 8021	02-028-8087
1,2,4-Trimethylbenzene	U	ug/kg	130	21-APR-02 06:10	EPA 8021	02-028-8087
sec-Butylbenzene	U	ug/kg	130	21-APR-02 06:10	EPA 8021	02-028-8087
4-Isopropyltoluene	U	ug/kg	130	21-APR-02 06:10	EPA 8021	02-028-8087
n-Butylbenzene	U	ug/kg	130	21-APR-02 06:10	EPA 8021	02-028-8087
Naphthalene	U	ug/kg	130	21-APR-02 06:10	EPA 8021	02-028-8087
Methyl-tert-butyl-ether (MTBE)	U	ug/kg	650	21-APR-02 06:10	EPA 8021	02-028-8087
Surrogate Recovery:						
1D - Bromofluorobenzene	88	%				02-028-8087
Analysis Comment: Results Calculated on a dry weight basis.						

EPA 8270

Naphthalene	U	ug/kg	280	26-APR-02 00:32	EPA 8270	02-011-1688
Acenaphthylene	U	ug/kg	280	26-APR-02 00:32	EPA 8270	02-011-1688
Acenaphthene	110 J	ug/kg	280	26-APR-02 00:32	EPA 8270	02-011-1688
Fluorene	170 J	ug/kg	280	26-APR-02 00:32	EPA 8270	02-011-1688
Phenanthrene	1800	ug/kg	280	26-APR-02 00:32	EPA 8270	02-011-1688
Anthracene	340	ug/kg	280	26-APR-02 00:32	EPA 8270	02-011-1688
Fluoranthene	2400	ug/kg	280	26-APR-02 00:32	EPA 8270	02-011-1688
Pyrene	2300	ug/kg	280	26-APR-02 00:32	EPA 8270	02-011-1688
Benzo(a)anthracene	1200	ug/kg	280	26-APR-02 00:32	EPA 8270	02-011-1688
Chrysene	1200	ug/kg	280	26-APR-02 00:32	EPA 8270	02-011-1688
Benzo(b)fluoranthene	1600	ug/kg	280	26-APR-02 00:32	EPA 8270	02-011-1688
Benzo(k)fluoranthene	620	ug/kg	280	26-APR-02 00:32	EPA 8270	02-011-1688
Benzo(a)pyrene	1000	ug/kg	280	26-APR-02 00:32	EPA 8270	02-011-1688
Indeno(1,2,3-cd)pyrene	560	ug/kg	280	26-APR-02 00:32	EPA 8270	02-011-1688
Dibenzo(a,h)anthracene	U	ug/kg	280	26-APR-02 00:32	EPA 8270	02-011-1688
Results calculated on a dry weight basis.						

Approved by:

Lab Director

Page 1 of 2

NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligram per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
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WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 02-MAY-2002

Lab Sample ID: L86844-2

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: E1-B
Description: GRAB
Sampled On: 11-APR-02 10:30 by CLIENT
Date Received: 16-APR-02 14:02
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Benzo(g,h,i)perylene	480	ug/kg	280	26-APR-02 00:32	EPA 8270	02-011-1688
Extraction Information:				17-APR-02 00:00	EPA 3550	02-031-27
Surrogate Recovery:						
Nitrobenzene-d5	73	%				02-011-1688
2-Fluorobiphenyl	77	%				02-011-1688
Terphenyl-d14	78	%				02-011-1688
Analysis Comment: Results Calculated on a dry weight basis.						

Results calculated on a dry weight basis.

Page 2 of 2

Approved by:

Lab Director

NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC

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TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 02-MAY-2002

Lab Sample ID: L86844-3

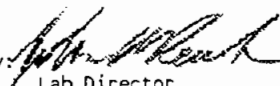
SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: E1-S
Description: GRAB
Sampled On: 11-APR-02 10:30 by CLIENT
Date Received: 16-APR-02 14:02
P.O. No: N/A

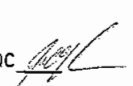
Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	84	%		16-APR-02 00:00	CLP 3.0	01-202-75
EPA 8021						
Benzene	U	ug/kg	0.8	21-APR-02 06:58	EPA 8021	02-028-8088
Toluene	U	ug/kg	1	21-APR-02 06:58	EPA 8021	02-028-8088
Ethylbenzene	U	ug/kg	1	21-APR-02 06:58	EPA 8021	02-028-8088
p-Xylene/m-Xylene	U	ug/kg	1	21-APR-02 06:58	EPA 8021	02-028-8088
o-Xylene	U	ug/kg	1	21-APR-02 06:58	EPA 8021	02-028-8088
Isopropylbenzene	U	ug/kg	1	21-APR-02 06:58	EPA 8021	02-028-8088
n-Propylbenzene	U	ug/kg	1	21-APR-02 06:58	EPA 8021	02-028-8088
1,3,5-Trimethylbenzene	U	ug/kg	1	21-APR-02 06:58	EPA 8021	02-028-8088
tert-Butylbenzene	U	ug/kg	1	21-APR-02 06:58	EPA 8021	02-028-8088
1,2,4-Trimethylbenzene	U	ug/kg	1	21-APR-02 06:58	EPA 8021	02-028-8088
sec-Butylbenzene	U	ug/kg	1	21-APR-02 06:58	EPA 8021	02-028-8088
4-Isopropyltoluene	U	ug/kg	1	21-APR-02 06:58	EPA 8021	02-028-8088
n-Butylbenzene	U	ug/kg	1	21-APR-02 06:58	EPA 8021	02-028-8088
Naphthalene	U	ug/kg	1	21-APR-02 06:58	EPA 8021	02-028-8088
Methyl-tert-butyl-ether (MTBE)	U	ug/kg	6	21-APR-02 06:58	EPA 8021	02-028-8088
Surrogate Recovery:						
1,2-Dibromofluorobenzene	88	%				02-028-8088
Analysis Comment: Results Calculated on a dry weight basis.						

EPA 8270

Naphthalene	250 J	ug/kg	300	26-APR-02 01:23	EPA 8270	02-011-1689
Acenaphthylene	U	ug/kg	300	26-APR-02 01:23	EPA 8270	02-011-1689
Acenaphthene	170 J	ug/kg	300	26-APR-02 01:23	EPA 8270	02-011-1689
Fluorene	180 J	ug/kg	300	26-APR-02 01:23	EPA 8270	02-011-1689
Phenanthrene	1800	ug/kg	300	26-APR-02 01:23	EPA 8270	02-011-1689
Anthracene	410	ug/kg	300	26-APR-02 01:23	EPA 8270	02-011-1689
Fluoranthene	3200	ug/kg	300	26-APR-02 01:23	EPA 8270	02-011-1689
Pyrene	3700	ug/kg	300	26-APR-02 01:23	EPA 8270	02-011-1689
Benzo(a)anthracene	1800	ug/kg	300	26-APR-02 01:23	EPA 8270	02-011-1689
Chrysene	1900	ug/kg	300	26-APR-02 01:23	EPA 8270	02-011-1689
Benzo(b)fluoranthene	2700	ug/kg	300	26-APR-02 01:23	EPA 8270	02-011-1689
Benzo(k)fluoranthene	700	ug/kg	300	26-APR-02 01:23	EPA 8270	02-011-1689
Benzo(a)pyrene	1600	ug/kg	300	26-APR-02 01:23	EPA 8270	02-011-1689
Indeno(1,2,3-cd)pyrene	1100	ug/kg	300	26-APR-02 01:23	EPA 8270	02-011-1689
Dibenzo(a,h)anthracene	U	ug/kg	300	26-APR-02 01:23	EPA 8270	02-011-1689
Results calculated on a dry weight basis.						

Approved by: 
Lab Director

Page 1 of 2
NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC 

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligram per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

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WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 02-MAY-2002

Lab Sample ID: L86844-3

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: E1-S
Description: GRAB
Sampled On: 11-APR-02 10:30 by CLIENT
Date Received: 16-APR-02 14:02
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Benzo(g,h,i)perylene	1100	ug/kg	300	26-APR-02 01:23	EPA 8270	02-011-1689
Extraction Information:				17-APR-02 00:00	EPA 3550	02-031-27
Surrogate Recovery:						
Nitrobenzene-d5	74	%				02-011-1689
2-Fluorobiphenyl	78	%				02-011-1689
Terphenyl-d14	90	%				02-011-1689
Analysis Comment: Results Calculated on a dry weight basis.						

Results calculated on a dry weight basis.

Approved by:

Lab Director

Page 2 of 2

NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC

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TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 02-MAY-2002

Lab Sample ID: L86844-4

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

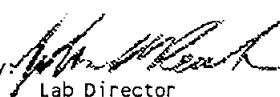
Sample Source: RICHMOND AVENUE
Origin: E1-E
Description: GRAB
Sampled On: 11-APR-02 10:30 by CLIENT
Date Received: 16-APR-02 14:02
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	82.4	%		16-APR-02 00:00	CLP 3.0	01-202-75
EPA 8021						
Benzene	U	ug/kg	0.7	21-APR-02 07:45	EPA 8021	02-028-8089
Toluene	U	ug/kg	1	21-APR-02 07:45	EPA 8021	02-028-8089
Ethylbenzene	U	ug/kg	1	21-APR-02 07:45	EPA 8021	02-028-8089
p-Xylene/m-Xylene	U	ug/kg	1	21-APR-02 07:45	EPA 8021	02-028-8089
o-Xylene	U	ug/kg	1	21-APR-02 07:45	EPA 8021	02-028-8089
Isopropylbenzene	U	ug/kg	1	21-APR-02 07:45	EPA 8021	02-028-8089
n-Propylbenzene	U	ug/kg	1	21-APR-02 07:45	EPA 8021	02-028-8089
1,3,5-Trimethylbenzene	U	ug/kg	1	21-APR-02 07:45	EPA 8021	02-028-8089
tert-Butylbenzene	U	ug/kg	1	21-APR-02 07:45	EPA 8021	02-028-8089
1,2,4-Trimethylbenzene	U	ug/kg	1	21-APR-02 07:45	EPA 8021	02-028-8089
sec-Butylbenzene	U	ug/kg	1	21-APR-02 07:45	EPA 8021	02-028-8089
4-Isopropyltoluene	U	ug/kg	1	21-APR-02 07:45	EPA 8021	02-028-8089
n-Butylbenzene	U	ug/kg	1	21-APR-02 07:45	EPA 8021	02-028-8089
Naphthalene	U	ug/kg	1	21-APR-02 07:45	EPA 8021	02-028-8089
Methyl-tert-butyl-ether (MTBE)	U	ug/kg	5	21-APR-02 07:45	EPA 8021	02-028-8089
Surrogate Recovery:						
PID - Bromofluorobenzene	98	%				02-028-8089
Analysis Comment: Results Calculated on a dry weight basis.						

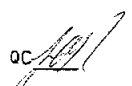
EPA 8270

Naphthalene	1400 J	ug/kg	3000	01-MAY-02 21:26	EPA 8270	02-011-1748
Acenaphthylene	U	ug/kg	3000	01-MAY-02 21:26	EPA 8270	02-011-1748
Acenaphthene	1300 J	ug/kg	3000	01-MAY-02 21:26	EPA 8270	02-011-1748
Fluorene	1200 J	ug/kg	3000	01-MAY-02 21:26	EPA 8270	02-011-1748
Phenanthrene	11000	ug/kg	3000	01-MAY-02 21:26	EPA 8270	02-011-1748
Anthracene	2700 J	ug/kg	3000	01-MAY-02 21:26	EPA 8270	02-011-1748
Fluoranthene	15000	ug/kg	3000	01-MAY-02 21:26	EPA 8270	02-011-1748
Pyrene	14000	ug/kg	3000	01-MAY-02 21:26	EPA 8270	02-011-1748
Benzo(a)anthracene	7200	ug/kg	3000	01-MAY-02 21:26	EPA 8270	02-011-1748
Chrysene	6900	ug/kg	3000	01-MAY-02 21:26	EPA 8270	02-011-1748
Benzo(b)fluoranthene	8600	ug/kg	3000	01-MAY-02 21:26	EPA 8270	02-011-1748
Benzo(k)fluoranthene	3400	ug/kg	3000	01-MAY-02 21:26	EPA 8270	02-011-1748
Benzo(a)pyrene	6500	ug/kg	3000	01-MAY-02 21:26	EPA 8270	02-011-1748

Results calculated on a dry weight basis.

Approved by: 
Lab Director

Page 1 of 2
NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC 

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Date: 02-MAY-2002

Lab Sample ID: L86844-4

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: F1-E
Description: GRAB
Sampled On: 11-APR-02 10:30 by CLIENT
Date Received: 16-APR-02 14:02
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Extraction Information:				17-APR-02 00:00	EPA 3550	02-031-27
Surrogate Recovery:						
Nitrobenzene-d5	72	%				02-011-1733
Nitrobenzene-d5	73	%				02-011-1748
2-Fluorobiphenyl	73	%				02-011-1748
2-Fluorobiphenyl	79	%				02-011-1733
Terphenyl-d14	75	%				02-011-1748
Terphenyl-d14	116	%				02-011-1733

Analysis Comment: Results Calculated on a dry weight basis. Int std 6 below limit.

Results calculated on a dry weight basis.

Approved by:

Lab Director

Page 2 of 2

NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC

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Date: 02-MAY-2002

Lab Sample ID: L86844-5

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: E1-N
Description: GRAB
Sampled On: 11-APR-02 10:30 by CLIENT
Date Received: 16-APR-02 14:02
P.O. No: N/A

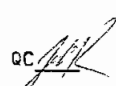
Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	91.1	%		16-APR-02 00:00	CLP 3.0	01-202-75
EPA 8021						
Benzene	U	ug/kg	0.7	21-APR-02 08:33	EPA 8021	02-028-8090
Toluene	U	ug/kg	1	21-APR-02 08:33	EPA 8021	02-028-8090
Ethylbenzene	U	ug/kg	1	21-APR-02 08:33	EPA 8021	02-028-8090
p-Xylene/m-Xylene	U	ug/kg	1	21-APR-02 08:33	EPA 8021	02-028-8090
o-Xylene	U	ug/kg	1	21-APR-02 08:33	EPA 8021	02-028-8090
Isopropylbenzene	U	ug/kg	1	21-APR-02 08:33	EPA 8021	02-028-8090
n-Propylbenzene	U	ug/kg	1	21-APR-02 08:33	EPA 8021	02-028-8090
1,3,5-Trimethylbenzene	U	ug/kg	1	21-APR-02 08:33	EPA 8021	02-028-8090
tert-Butylbenzene	U	ug/kg	1	21-APR-02 08:33	EPA 8021	02-028-8090
1,2,4-Trimethylbenzene	U	ug/kg	1	21-APR-02 08:33	EPA 8021	02-028-8090
sec-Butylbenzene	U	ug/kg	1	21-APR-02 08:33	EPA 8021	02-028-8090
4-Isopropyltoluene	U	ug/kg	1	21-APR-02 08:33	EPA 8021	02-028-8090
n-Butylbenzene	U	ug/kg	1	21-APR-02 08:33	EPA 8021	02-028-8090
Naphthalene	1	ug/kg	1	21-APR-02 08:33	EPA 8021	02-028-8090
Methyl-tert-butyl-ether (MTBE)	U	ug/kg	5	21-APR-02 08:33	EPA 8021	02-028-8090
Surrogate Recovery:						
DIB - Bromofluorobenzene	89	%				02-028-8090
Analysis Comment: Results Calculated on a dry weight basis.						

EPA 8270

Naphthalene	U	ug/kg	270	24-APR-02 18:31	EPA 8270	02-011-1674
Acenaphthylene	U	ug/kg	270	24-APR-02 18:31	EPA 8270	02-011-1674
Acenaphthene	U	ug/kg	270	24-APR-02 18:31	EPA 8270	02-011-1674
Fluorene	U	ug/kg	270	24-APR-02 18:31	EPA 8270	02-011-1674
Phenanthrene	620	ug/kg	270	24-APR-02 18:31	EPA 8270	02-011-1674
Anthracene	U	ug/kg	270	24-APR-02 18:31	EPA 8270	02-011-1674
Fluoranthene	1800	ug/kg	270	24-APR-02 18:31	EPA 8270	02-011-1674
Pyrene	1700	ug/kg	270	24-APR-02 18:31	EPA 8270	02-011-1674
Benzo(a)anthracene	1100	ug/kg	270	24-APR-02 18:31	EPA 8270	02-011-1674
Chrysene	1200	ug/kg	270	24-APR-02 18:31	EPA 8270	02-011-1674
Benzo(b)fluoranthene	1500	ug/kg	270	24-APR-02 18:31	EPA 8270	02-011-1674
Benzo(k)fluoranthene	520	ug/kg	270	24-APR-02 18:31	EPA 8270	02-011-1674
Benzo(a)pyrene	900	ug/kg	270	24-APR-02 18:31	EPA 8270	02-011-1674
Indeno(1,2,3-cd)pyrene	470	ug/kg	270	24-APR-02 18:31	EPA 8270	02-011-1674
Dibenzo(a,h)anthracene	140 J	ug/kg	270	24-APR-02 18:31	EPA 8270	02-011-1674
Results calculated on a dry weight basis.						

Approved by: 
Lab Director

Page 1 of 2
NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC 

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligram per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 02-MAY-2002

Lab Sample ID: L86844-5

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: E1-N
Description: GRAB
Sampled On: 11-APR-02 10:30 by CLIENT
Date Received: 16-APR-02 14:02
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Benzo(g,h,i)perylene	430	ug/kg	270	24-APR-02 18:31	EPA 8270	02-011-1674
Extraction Information:				17-APR-02 00:00	EPA 3550	02-031-28
Surrogate Recovery:						
Nitrobenzene-d5	63	%				02-011-1674
2-Fluorobiphenyl	72	%				02-011-1674
Terphenyl-d14	87	%				02-011-1674
Analysis Comment: Results Calculated on a dry weight basis.						

Results calculated on a dry weight basis.

Approved by:

Lab Director

Page 2 of 2

NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
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TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 02-MAY-2002

Lab Sample ID: L86844-6

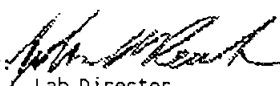
SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TP-95B
Description: GRAB
Sampled On: 11-APR-02 13:00 by CLIENT
Date Received: 16-APR-02 14:02
P.O. No: N/A

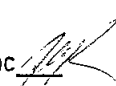
Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	87.2	%		16-APR-02 00:00	CLP 3.0	01-202-75
EPA 8021						
Benzene	U	ug/kg	0.7	21-APR-02 09:20	EPA 8021	02-028-8091
Toluene	U	ug/kg	1	21-APR-02 09:20	EPA 8021	02-028-8091
Ethylbenzene	U	ug/kg	1	21-APR-02 09:20	EPA 8021	02-028-8091
p-Xylene/m-Xylene	U	ug/kg	1	21-APR-02 09:20	EPA 8021	02-028-8091
o-Xylene	U	ug/kg	1	21-APR-02 09:20	EPA 8021	02-028-8091
Isopropylbenzene	U	ug/kg	1	21-APR-02 09:20	EPA 8021	02-028-8091
n-Propylbenzene	U	ug/kg	1	21-APR-02 09:20	EPA 8021	02-028-8091
1,3,5-Trimethylbenzene	U	ug/kg	1	21-APR-02 09:20	EPA 8021	02-028-8091
tert-Butylbenzene	U	ug/kg	1	21-APR-02 09:20	EPA 8021	02-028-8091
1,2,4-Trimethylbenzene	U	ug/kg	1	21-APR-02 09:20	EPA 8021	02-028-8091
sec-Butylbenzene	U	ug/kg	1	21-APR-02 09:20	EPA 8021	02-028-8091
4-Isopropyltoluene	U	ug/kg	1	21-APR-02 09:20	EPA 8021	02-028-8091
n-Butylbenzene	U	ug/kg	1	21-APR-02 09:20	EPA 8021	02-028-8091
Naphthalene	U	ug/kg	1	21-APR-02 09:20	EPA 8021	02-028-8091
Methyl-tert-butyl-ether (MTBE)	U	ug/kg	5	21-APR-02 09:20	EPA 8021	02-028-8091
Surrogate Recovery:						
ID - Bromofluorobenzene	94	%				02-028-8091
Analysis Comment: Results Calculated on a dry weight basis.						

EPA 8270

Naphthalene	96 J	ug/kg	290	22-APR-02 21:59	EPA 8270	02-011-1646
Acenaphthylene	U	ug/kg	290	22-APR-02 21:59	EPA 8270	02-011-1646
Acenaphthene	92 J	ug/kg	290	22-APR-02 21:59	EPA 8270	02-011-1646
Fluorene	75 J	ug/kg	290	22-APR-02 21:59	EPA 8270	02-011-1646
Phenanthrene	720	ug/kg	290	22-APR-02 21:59	EPA 8270	02-011-1646
Anthracene	170 J	ug/kg	290	22-APR-02 21:59	EPA 8270	02-011-1646
Fluoranthene	900	ug/kg	290	22-APR-02 21:59	EPA 8270	02-011-1646
Pyrene	840	ug/kg	290	22-APR-02 21:59	EPA 8270	02-011-1646
Benzo(a)anthracene	470	ug/kg	290	22-APR-02 21:59	EPA 8270	02-011-1646
Chrysene	510	ug/kg	290	22-APR-02 21:59	EPA 8270	02-011-1646
Benzo(b)fluoranthene	770	ug/kg	290	22-APR-02 21:59	EPA 8270	02-011-1646
Benzo(k)fluoranthene	350	ug/kg	290	22-APR-02 21:59	EPA 8270	02-011-1646
Benzo(a)pyrene	520	ug/kg	290	22-APR-02 21:59	EPA 8270	02-011-1646
Indeno(1,2,3-cd)pyrene	250 J	ug/kg	290	22-APR-02 21:59	EPA 8270	02-011-1646
Dibenzo(a,h)anthracene	U	ug/kg	290	22-APR-02 21:59	EPA 8270	02-011-1646
Results calculated on a dry weight basis.						

Approved by: 
Lab Director

Page 1 of 2
NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC 

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 02-MAY-2002

Lab Sample ID: L86844-6

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TP-95B
Description: GRAB
Sampled On: 11-APR-02 13:00 by CLIENT
Date Received: 16-APR-02 14:02
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Benzo(g,h,i)perylene	230 J	ug/kg	290	22-APR-02 21:59	EPA 8270	02-011-1646
Extraction Information:				17-APR-02 00:00	EPA 3550	02-031-28
Surrogate Recovery:						
Nitrobenzene-d5	58	%				02-011-1646
2-Fluorobiphenyl	71	%				02-011-1646
Terphenyl-d14	63	%				02-011-1646
Analysis Comment: Results Calculated on a dry weight basis.						

Results calculated on a dry weight basis.

Approved by:

Lab Director

Page 2 of 2
NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC

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TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 02-MAY-2002

Lab Sample ID: L86844-7

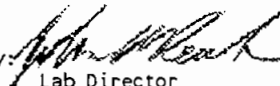
SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TP-9WB
Description: GRAB
Sampled On: 11-APR-02 13:00 by CLIENT
Date Received: 16-APR-02 14:02
P.O. No: N/A

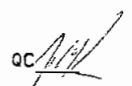
Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	89.2	%		16-APR-02 00:00	CLP 3.0	01-202-75
EPA 8021						
Benzene	U	ug/kg	0.7	21-APR-02 10:08	EPA 8021	02-028-8092
Toluene	U	ug/kg	1	21-APR-02 10:08	EPA 8021	02-028-8092
Ethylbenzene	U	ug/kg	1	21-APR-02 10:08	EPA 8021	02-028-8092
p-Xylene/m-Xylene	U	ug/kg	1	21-APR-02 10:08	EPA 8021	02-028-8092
o-Xylene	U	ug/kg	1	21-APR-02 10:08	EPA 8021	02-028-8092
Isopropylbenzene	U	ug/kg	1	21-APR-02 10:08	EPA 8021	02-028-8092
n-Propylbenzene	U	ug/kg	1	21-APR-02 10:08	EPA 8021	02-028-8092
1,3,5-Trimethylbenzene	U	ug/kg	1	21-APR-02 10:08	EPA 8021	02-028-8092
tert-Butylbenzene	U	ug/kg	1	21-APR-02 10:08	EPA 8021	02-028-8092
1,2,4-Trimethylbenzene	U	ug/kg	1	21-APR-02 10:08	EPA 8021	02-028-8092
sec-Butylbenzene	U	ug/kg	1	21-APR-02 10:08	EPA 8021	02-028-8092
4-Isopropyltoluene	U	ug/kg	1	21-APR-02 10:08	EPA 8021	02-028-8092
n-Butylbenzene	U	ug/kg	1	21-APR-02 10:08	EPA 8021	02-028-8092
Naphthalene	U	ug/kg	1	21-APR-02 10:08	EPA 8021	02-028-8092
Methyl-tert-butyl-ether (MTBE)	U	ug/kg	5	21-APR-02 10:08	EPA 8021	02-028-8092
Surrogate Recovery:						
ID - Bromofluorobenzene	97	%				02-028-8092
Analysis Comment: Results Calculated on a dry weight basis.						

EPA 8270

Naphthalene	140 J	ug/kg	280	22-APR-02 22:50	EPA 8270	02-011-1647
Acenaphthylene	U	ug/kg	280	22-APR-02 22:50	EPA 8270	02-011-1647
Acenaphthene	110 J	ug/kg	280	22-APR-02 22:50	EPA 8270	02-011-1647
Fluorene	100 J	ug/kg	280	22-APR-02 22:50	EPA 8270	02-011-1647
Phenanthrene	1100	ug/kg	280	22-APR-02 22:50	EPA 8270	02-011-1647
Anthracene	260 J	ug/kg	280	22-APR-02 22:50	EPA 8270	02-011-1647
Fluoranthene	1300	ug/kg	280	22-APR-02 22:50	EPA 8270	02-011-1647
Pyrene	1300	ug/kg	280	22-APR-02 22:50	EPA 8270	02-011-1647
Benzo(a)anthracene	670	ug/kg	280	22-APR-02 22:50	EPA 8270	02-011-1647
Chrysene	730	ug/kg	280	22-APR-02 22:50	EPA 8270	02-011-1647
Benzo(b)fluoranthene	1000	ug/kg	280	22-APR-02 22:50	EPA 8270	02-011-1647
Benzo(k)fluoranthene	380	ug/kg	280	22-APR-02 22:50	EPA 8270	02-011-1647
Benzo(a)pyrene	680	ug/kg	280	22-APR-02 22:50	EPA 8270	02-011-1647
Indeno(1,2,3-cd)pyrene	320	ug/kg	280	22-APR-02 22:50	EPA 8270	02-011-1647
Dibenzo(a,h)anthracene	U	ug/kg	280	22-APR-02 22:50	EPA 8270	02-011-1647
Results calculated on a dry weight basis.						

Approved by: 
Lab Director

Page 1 of 2
NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC 

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 02-MAY-2002

Lab Sample ID: L86844-7

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: TP-9WB
Description: GRAB
Sampled On: 11-APR-02 13:00 by CLIENT
Date Received: 16-APR-02 14:02
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Benzo(g,h,i)perylene	300	ug/kg	280	22-APR-02 22:50	EPA 8270	02-011-1647
Extraction Information:				17-APR-02 00:00	EPA 3550	02-031-28
Surrogate Recovery:						
Nitrobenzene-d5	73	%				02-011-1647
2-Fluorobiphenyl	82	%				02-011-1647
Terphenyl-d14	74	%				02-011-1647
Analysis Comment: Results Calculated on a dry weight basis.						

Results calculated on a dry weight basis.

Approved by:

Lab Director

Page 2 of 2

NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC:

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 02-MAY-2002

Lab Sample ID: L86844-8

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: UST-E
Description: GRAB
Sampled On: 11-APR-02 10:00 by CLIENT
Date Received: 16-APR-02 14:02
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	89.1	%		16-APR-02 00:00	CLP 3.0	01-202-75
EPA 8021						
Benzene	U	ug/kg	0.7	25-APR-02 01:42	EPA 8021	02-028-8153
Toluene	U	ug/kg	0.9	25-APR-02 01:42	EPA 8021	02-028-8153
Ethylbenzene	U	ug/kg	0.9	25-APR-02 01:42	EPA 8021	02-028-8153
p-Xylene/m-Xylene	U	ug/kg	0.9	25-APR-02 01:42	EPA 8021	02-028-8153
o-Xylene	U	ug/kg	0.9	25-APR-02 01:42	EPA 8021	02-028-8153
Isopropylbenzene	U	ug/kg	0.9	25-APR-02 01:42	EPA 8021	02-028-8153
n-Propylbenzene	U	ug/kg	0.9	25-APR-02 01:42	EPA 8021	02-028-8153
1,3,5-Trimethylbenzene	U	ug/kg	0.9	25-APR-02 01:42	EPA 8021	02-028-8153
tert-Butylbenzene	U	ug/kg	0.9	25-APR-02 01:42	EPA 8021	02-028-8153
1,2,4-Trimethylbenzene	U	ug/kg	0.9	25-APR-02 01:42	EPA 8021	02-028-8153
sec-Butylbenzene	U	ug/kg	0.9	25-APR-02 01:42	EPA 8021	02-028-8153
4-Isopropyltoluene	U	ug/kg	0.9	25-APR-02 01:42	EPA 8021	02-028-8153
n-Butylbenzene	U	ug/kg	0.9	25-APR-02 01:42	EPA 8021	02-028-8153
Naphthalene	1 B	ug/kg	0.9	25-APR-02 01:42	EPA 8021	02-028-8153
Methyl-tert-butyl-ether (MTBE)	U	ug/kg	5	25-APR-02 01:42	EPA 8021	02-028-8153
Surrogate Recovery:						
ID - Bromofluorobenzene	98	%				02-028-8153
Analysis Comment: Results Calculated on a dry weight basis.						

EPA 8270

Naphthalene	U	ug/kg	280	21-APR-02 05:58	EPA 8270	02-011-1630
Acenaphthylene	U	ug/kg	280	21-APR-02 05:58	EPA 8270	02-011-1630
Acenaphthene	U	ug/kg	280	21-APR-02 05:58	EPA 8270	02-011-1630
Fluorene	U	ug/kg	280	21-APR-02 05:58	EPA 8270	02-011-1630
Phenanthrene	U	ug/kg	280	21-APR-02 05:58	EPA 8270	02-011-1630
Anthracene	U	ug/kg	280	21-APR-02 05:58	EPA 8270	02-011-1630
Fluoranthene	U	ug/kg	280	21-APR-02 05:58	EPA 8270	02-011-1630
Pyrene	U	ug/kg	280	21-APR-02 05:58	EPA 8270	02-011-1630
Benzo(a)anthracene	U	ug/kg	280	21-APR-02 05:58	EPA 8270	02-011-1630
Chrysene	U	ug/kg	280	21-APR-02 05:58	EPA 8270	02-011-1630
Benzo(b)fluoranthene	U	ug/kg	280	21-APR-02 05:58	EPA 8270	02-011-1630
Benzo(k)fluoranthene	U	ug/kg	280	21-APR-02 05:58	EPA 8270	02-011-1630
Benzo(a)pyrene	U	ug/kg	280	21-APR-02 05:58	EPA 8270	02-011-1630
Indeno(1,2,3-cd)pyrene	U	ug/kg	280	21-APR-02 05:58	EPA 8270	02-011-1630
Dibenzo(a,h)anthracene	U	ug/kg	280	21-APR-02 05:58	EPA 8270	02-011-1630
Results calculated on a dry weight basis.						

Approved by:

Lab Director

Page 1 of 2

NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC

KEY: NO or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 02-MAY-2002

Lab Sample ID: L86844-8

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: UST-E
Description: GRAB
Sampled On: 11-APR-02 10:00 by CLIENT
Date Received: 16-APR-02 14:02
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Benzo(g,h,i)perylene	U	ug/kg	280	21-APR-02 05:58	EPA 8270	02-011-1630
				17-APR-02 00:00	EPA 3550	02-031-28

Extraction Information:

Surrogate Recovery:

Nitrobenzene-d5	62	%	02-011-1630
2-Fluorobiphenyl	65	%	02-011-1630
Terphenyl-d14	68	%	02-011-1630

Analysis Comment: Results Calculated on a dry weight basis.

Results calculated on a dry weight basis.

Approved by:

Lab Director

Page 2 of 2

NY 10252 NJ 73168 PA 68180 EPA NY 00033

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 02-MAY-2002

Lab Sample ID: L86844-9

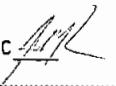
SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: UST-S
Description: GRAB
Sampled On: 11-APR-02 10:00 by CLIENT
Date Received: 16-APR-02 14:02
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	91.5	%		16-APR-02 00:00	CLP 3.0	01-202-75
EPA 8021						
Benzene	U	ug/kg	0.7	25-APR-02 02:30	EPA 8021	02-028-8154
Toluene	U	ug/kg	1	25-APR-02 02:30	EPA 8021	02-028-8154
Ethylbenzene	U	ug/kg	1	25-APR-02 02:30	EPA 8021	02-028-8154
p-Xylene/m-Xylene	U	ug/kg	1	25-APR-02 02:30	EPA 8021	02-028-8154
o-Xylene	U	ug/kg	1	25-APR-02 02:30	EPA 8021	02-028-8154
Isopropylbenzene	U	ug/kg	1	25-APR-02 02:30	EPA 8021	02-028-8154
n-Propylbenzene	U	ug/kg	1	25-APR-02 02:30	EPA 8021	02-028-8154
1,3,5-Trimethylbenzene	U	ug/kg	1	25-APR-02 02:30	EPA 8021	02-028-8154
tert-Butylbenzene	U	ug/kg	1	25-APR-02 02:30	EPA 8021	02-028-8154
1,2,4-Trimethylbenzene	U	ug/kg	1	25-APR-02 02:30	EPA 8021	02-028-8154
sec-Butylbenzene	U	ug/kg	1	25-APR-02 02:30	EPA 8021	02-028-8154
4-Isopropyltoluene	U	ug/kg	1	25-APR-02 02:30	EPA 8021	02-028-8154
n-Butylbenzene	U	ug/kg	1	25-APR-02 02:30	EPA 8021	02-028-8154
Naphthalene	U	ug/kg	1	25-APR-02 02:30	EPA 8021	02-028-8154
Methyl-tert-butyl-ether (MTBE)	U	ug/kg	5	25-APR-02 02:30	EPA 8021	02-028-8154
Surrogate Recovery:						
ID - Bromofluorobenzene	97	%				02-028-8154
Analysis Comment: Results Calculated on a dry weight basis.						
EPA 8270						
Naphthalene	U	ug/kg	270	22-APR-02 16:04	EPA 8270	02-011-1639
Acenaphthylene	U	ug/kg	270	22-APR-02 16:04	EPA 8270	02-011-1639
Acenaphthene	U	ug/kg	270	22-APR-02 16:04	EPA 8270	02-011-1639
Fluorene	U	ug/kg	270	22-APR-02 16:04	EPA 8270	02-011-1639
Phenanthrene	U	ug/kg	270	22-APR-02 16:04	EPA 8270	02-011-1639
Anthracene	U	ug/kg	270	22-APR-02 16:04	EPA 8270	02-011-1639
Fluoranthene	U	ug/kg	270	22-APR-02 16:04	EPA 8270	02-011-1639
Pyrene	U	ug/kg	270	22-APR-02 16:04	EPA 8270	02-011-1639
Benzo(a)anthracene	U	ug/kg	270	22-APR-02 16:04	EPA 8270	02-011-1639
Chrysene	U	ug/kg	270	22-APR-02 16:04	EPA 8270	02-011-1639
Benzo(b)fluoranthene	U	ug/kg	270	22-APR-02 16:04	EPA 8270	02-011-1639
Benzo(k)fluoranthene	U	ug/kg	270	22-APR-02 16:04	EPA 8270	02-011-1639
Benzo(a)pyrene	U	ug/kg	270	22-APR-02 16:04	EPA 8270	02-011-1639
Indeno(1,2,3-cd)pyrene	U	ug/kg	270	22-APR-02 16:04	EPA 8270	02-011-1639
Dibenzo(a,h)anthracene	U	ug/kg	270	22-APR-02 16:04	EPA 8270	02-011-1639
Results calculated on a dry weight basis.						

Approved by: 
Lab Director

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NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC 

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligram per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 02-MAY-2002

Lab Sample ID: L86844-9

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: UST-S
Description: GRAB
Sampled On: 11-APR-02 10:00 by CLIENT
Date Received: 16-APR-02 14:02
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Benzo(g,h,i)perylene	U	ug/kg	270	22-APR-02 16:04	EPA 8270	02-011-1639
Extraction Information:				17-APR-02 00:00	EPA 3550	02-031-28
Surrogate Recovery:						
Nitrobenzene-d5	56	%				02-011-1639
2-Fluorobiphenyl	76	%				02-011-1639
Terphenyl-d14	85	%				02-011-1639
Analysis Comment: Results Calculated on a dry weight basis.						

Results calculated on a dry weight basis.

Approved by:

Lab Director

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NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 02-MAY-2002

Lab Sample ID: L86844-10

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: UST-B
Description: GRAB
Sampled On: 11-APR-02 10:00 by CLIENT
Date Received: 16-APR-02 14:02
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	90.4	%		16-APR-02 00:00	CLP 3.0	01-202-75
EPA 8021						
Benzene	U	ug/kg	0.6	25-APR-02 04:59	EPA 8021	02-028-8163
Toluene	U	ug/kg	0.9	25-APR-02 04:59	EPA 8021	02-028-8163
Ethylbenzene	U	ug/kg	0.9	25-APR-02 04:59	EPA 8021	02-028-8163
p-Xylene/m-Xylene	U	ug/kg	0.9	25-APR-02 04:59	EPA 8021	02-028-8163
o-Xylene	U	ug/kg	0.9	25-APR-02 04:59	EPA 8021	02-028-8163
Isopropylbenzene	U	ug/kg	0.9	25-APR-02 04:59	EPA 8021	02-028-8163
n-Propylbenzene	U	ug/kg	0.9	25-APR-02 04:59	EPA 8021	02-028-8163
1,3,5-Trimethylbenzene	U	ug/kg	0.9	25-APR-02 04:59	EPA 8021	02-028-8163
tert-Butylbenzene	U	ug/kg	0.9	25-APR-02 04:59	EPA 8021	02-028-8163
1,2,4-Trimethylbenzene	U	ug/kg	0.9	25-APR-02 04:59	EPA 8021	02-028-8163
sec-Butylbenzene	U	ug/kg	0.9	25-APR-02 04:59	EPA 8021	02-028-8163
4-Isopropyltoluene	U	ug/kg	0.9	25-APR-02 04:59	EPA 8021	02-028-8163
n-Butylbenzene	U	ug/kg	0.9	25-APR-02 04:59	EPA 8021	02-028-8163
Naphthalene	U*	ug/kg	0.9	25-APR-02 04:59	EPA 8021	02-028-8163
Methyl-tert-butyl-ether (MTBE)	U	ug/kg	4	25-APR-02 04:59	EPA 8021	02-028-8163
Surrogate Recovery:						
ID - Bromofluorobenzene	101	%				02-028-8163
Analysis Comment: Results Calculated on a dry weight basis. * - Continuing calibration RRF greater than 15% (15.8%).						

EPA 8270

Naphthalene	U	ug/kg	280	23-APR-02 00:31	EPA 8270	02-011-1649
Acenaphthylene	U	ug/kg	280	23-APR-02 00:31	EPA 8270	02-011-1649
Acenaphthene	U	ug/kg	280	23-APR-02 00:31	EPA 8270	02-011-1649
Fluorene	U	ug/kg	280	23-APR-02 00:31	EPA 8270	02-011-1649
Phenanthrene	U	ug/kg	280	23-APR-02 00:31	EPA 8270	02-011-1649
Anthracene	U	ug/kg	280	23-APR-02 00:31	EPA 8270	02-011-1649
Fluoranthene	U	ug/kg	280	23-APR-02 00:31	EPA 8270	02-011-1649
Pyrene	U	ug/kg	280	23-APR-02 00:31	EPA 8270	02-011-1649
Benzo(a)anthracene	U	ug/kg	280	23-APR-02 00:31	EPA 8270	02-011-1649
Chrysene	U	ug/kg	280	23-APR-02 00:31	EPA 8270	02-011-1649
Benzo(b)fluoranthene	170 J	ug/kg	280	23-APR-02 00:31	EPA 8270	02-011-1649
Benzo(k)fluoranthene	U	ug/kg	280	23-APR-02 00:31	EPA 8270	02-011-1649
Benzo(a)pyrene	140 J	ug/kg	280	23-APR-02 00:31	EPA 8270	02-011-1649
Indeno(1,2,3-cd)pyrene	110 J	ug/kg	280	23-APR-02 00:31	EPA 8270	02-011-1649
Dibenzo(a,h)anthracene	U	ug/kg	280	23-APR-02 00:31	EPA 8270	02-011-1649
Results calculated on a dry weight basis.						

Approved by:

Lab Director

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NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 02-MAY-2002

Lab Sample ID: L86844-10

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: UST-B
Description: GRAB
Sampled On: 11-APR-02 10:00 by CLIENT
Date Received: 16-APR-02 14:02
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Benzo(g,h,i)perylene	U	ug/kg	280	23-APR-02 00:31	EPA 8270	02-011-1649
Extraction Information:				17-APR-02 00:00	EPA 3550	02-031-28
Surrogate Recovery:						
Nitrobenzene-d5	69	%				02-011-1649
2-Fluorobiphenyl	84	%				02-011-1649
Terphenyl-d14	77	%				02-011-1649
Analysis Comment: Results Calculated on a dry weight basis.						

Results calculated on a dry weight basis.

Approved by:

Lab Director

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NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
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WAVERLY, NY 14892-1532
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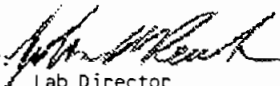
Date: 02-MAY-2002

Lab Sample ID: L86844-11

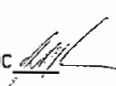
SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: UST-N
Description: GRAB
Sampled On: 11-APR-02 10:00 by CLIENT
Date Received: 16-APR-02 14:02
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	91.1	%		16-APR-02 00:00	CLP 3.0	01-202-75
EPA 8021						
Benzene	U	ug/kg	0.7	25-APR-02 05:47	EPA 8021	02-028-8164
Toluene	U	ug/kg	1	25-APR-02 05:47	EPA 8021	02-028-8164
Ethylbenzene	U	ug/kg	1	25-APR-02 05:47	EPA 8021	02-028-8164
p-Xylene/m-Xylene	U	ug/kg	1	25-APR-02 05:47	EPA 8021	02-028-8164
o-Xylene	U	ug/kg	1	25-APR-02 05:47	EPA 8021	02-028-8164
Isopropylbenzene	U	ug/kg	1	25-APR-02 05:47	EPA 8021	02-028-8164
n-Propylbenzene	U	ug/kg	1	25-APR-02 05:47	EPA 8021	02-028-8164
1,3,5-Trimethylbenzene	U	ug/kg	1	25-APR-02 05:47	EPA 8021	02-028-8164
tert-Butylbenzene	U	ug/kg	1	25-APR-02 05:47	EPA 8021	02-028-8164
1,2,4-Trimethylbenzene	U	ug/kg	1	25-APR-02 05:47	EPA 8021	02-028-8164
sec-Butylbenzene	U	ug/kg	1	25-APR-02 05:47	EPA 8021	02-028-8164
4-Isopropyltoluene	U	ug/kg	1	25-APR-02 05:47	EPA 8021	02-028-8164
n-Butylbenzene	U	ug/kg	1	25-APR-02 05:47	EPA 8021	02-028-8164
Naphthalene	U	ug/kg	1	25-APR-02 05:47	EPA 8021	02-028-8164
Methyl-tert-butyl-ether (MTBE)	U	ug/kg	5	25-APR-02 05:47	EPA 8021	02-028-8164
Surrogate Recovery:						
ID - Bromofluorobenzene	99	%				02-028-8164
Analysis Comment: Results Calculated on a dry weight basis. * - Continuing calibration RRF greater than 15% (15.8%).						
EPA 8270						
Naphthalene	U	ug/kg	270	21-APR-02 05:08	EPA 8270	02-011-1629
Acenaphthylene	U	ug/kg	270	21-APR-02 05:08	EPA 8270	02-011-1629
Acenaphthene	U	ug/kg	270	21-APR-02 05:08	EPA 8270	02-011-1629
Fluorene	U	ug/kg	270	21-APR-02 05:08	EPA 8270	02-011-1629
Phenanthrene	U	ug/kg	270	21-APR-02 05:08	EPA 8270	02-011-1629
Anthracene	U	ug/kg	270	21-APR-02 05:08	EPA 8270	02-011-1629
Fluoranthene	U	ug/kg	270	21-APR-02 05:08	EPA 8270	02-011-1629
Pyrene	U	ug/kg	270	21-APR-02 05:08	EPA 8270	02-011-1629
Benzo(a)anthracene	U	ug/kg	270	21-APR-02 05:08	EPA 8270	02-011-1629
Chrysene	U	ug/kg	270	21-APR-02 05:08	EPA 8270	02-011-1629
Benzo(b)fluoranthene	U	ug/kg	270	21-APR-02 05:08	EPA 8270	02-011-1629
Benzo(k)fluoranthene	U	ug/kg	270	21-APR-02 05:08	EPA 8270	02-011-1629
Benzo(a)pyrene	U	ug/kg	270	21-APR-02 05:08	EPA 8270	02-011-1629
Indeno(1,2,3-cd)pyrene	U	ug/kg	270	21-APR-02 05:08	EPA 8270	02-011-1629
Dibenzo(a,h)anthracene	U	ug/kg	270	21-APR-02 05:08	EPA 8270	02-011-1629
Results calculated on a dry weight basis.						

Approved by: 
Lab Director

Page 1 of 2
NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC 

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 02-MAY-2002

Lab Sample ID: L86844-11

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: UST-N
Description: GRAB
Sampled On: 11-APR-02 10:00 by CLIENT
Date Received: 16-APR-02 14:02
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Benzo(g,h,i)perylene	U	ug/kg	270	21-APR-02 05:08	EPA 8270	02-011-1629
Extraction Information:				17-APR-02 00:00	EPA 3550	02-031-28
Surrogate Recovery:						
Nitrobenzene-d5	41	%				02-011-1629
2-Fluorobiphenyl	45	%				02-011-1629
Terphenyl-d14	40	%				02-011-1629
Analysis Comment: Results Calculated on a dry weight basis.						

Results calculated on a dry weight basis.

Approved by:

Lab Director

Page 2 of 2

NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 02-MAY-2002

Lab Sample ID: L86844-12

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: E2-S
Description: GRAB
Sampled On: 11-APR-02 15:00 by CLIENT
Date Received: 16-APR-02 14:02
P.O. No: N/A

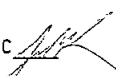
Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	85.8	%		16-APR-02 00:00	CLP 3.0	01-202-75
EPA 8021						
Benzene	U	ug/kg	0.8	25-APR-02 06:35	EPA 8021	02-028-8165
Toluene	U	ug/kg	1	25-APR-02 06:35	EPA 8021	02-028-8165
Ethylbenzene	U	ug/kg	1	25-APR-02 06:35	EPA 8021	02-028-8165
p-Xylene/m-Xylene	U	ug/kg	1	25-APR-02 06:35	EPA 8021	02-028-8165
o-Xylene	U	ug/kg	1	25-APR-02 06:35	EPA 8021	02-028-8165
Isopropylbenzene	U	ug/kg	1	25-APR-02 06:35	EPA 8021	02-028-8165
n-Propylbenzene	U	ug/kg	1	25-APR-02 06:35	EPA 8021	02-028-8165
1,3,5-Trimethylbenzene	U	ug/kg	1	25-APR-02 06:35	EPA 8021	02-028-8165
tert-Butylbenzene	U	ug/kg	1	25-APR-02 06:35	EPA 8021	02-028-8165
1,2,4-Trimethylbenzene	U	ug/kg	1	25-APR-02 06:35	EPA 8021	02-028-8165
sec-Butylbenzene	U	ug/kg	1	25-APR-02 06:35	EPA 8021	02-028-8165
4-Isopropyltoluene	U	ug/kg	1	25-APR-02 06:35	EPA 8021	02-028-8165
n-Butylbenzene	U	ug/kg	1	25-APR-02 06:35	EPA 8021	02-028-8165
Naphthalene	U*	ug/kg	1	25-APR-02 06:35	EPA 8021	02-028-8165
Methyl-tert-butyl-ether (MTBE)	U	ug/kg	5	25-APR-02 06:35	EPA 8021	02-028-8165
Surrogate Recovery:						
1D - Bromofluorobenzene	90	%				02-028-8165
Analysis Comment: Results Calculated on a dry weight basis. * - Continuing calibration RRF greater than 15% (15.8%).						

EPA 8270

Naphthalene	U	ug/kg	290	22-APR-02 20:18	EPA 8270	02-011-1644
Acenaphthylene	U	ug/kg	290	22-APR-02 20:18	EPA 8270	02-011-1644
Acenaphthene	U	ug/kg	290	22-APR-02 20:18	EPA 8270	02-011-1644
Fluorene	U	ug/kg	290	22-APR-02 20:18	EPA 8270	02-011-1644
Phenanthrene	100 J	ug/kg	290	22-APR-02 20:18	EPA 8270	02-011-1644
Anthracene	U	ug/kg	290	22-APR-02 20:18	EPA 8270	02-011-1644
Fluoranthene	U	ug/kg	290	22-APR-02 20:18	EPA 8270	02-011-1644
Pyrene	U	ug/kg	290	22-APR-02 20:18	EPA 8270	02-011-1644
Benzo(a)anthracene	130 J	ug/kg	290	22-APR-02 20:18	EPA 8270	02-011-1644
Chrysene	150 J	ug/kg	290	22-APR-02 20:18	EPA 8270	02-011-1644
Benzo(b)fluoranthene	180 J	ug/kg	290	22-APR-02 20:18	EPA 8270	02-011-1644
Benzo(k)fluoranthene	U	ug/kg	290	22-APR-02 20:18	EPA 8270	02-011-1644
Benzo(a)pyrene	100 J	ug/kg	290	22-APR-02 20:18	EPA 8270	02-011-1644
Indeno(1,2,3-cd)pyrene	U	ug/kg	290	22-APR-02 20:18	EPA 8270	02-011-1644
Dibenzo(a,h)anthracene	U	ug/kg	290	22-APR-02 20:18	EPA 8270	02-011-1644
Results calculated on a dry weight basis.						

Approved by: 
Lab Director

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NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC 

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 02-MAY-2002

Lab Sample ID: L86844-12

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: E2-S
Description: GRAB
Sampled On: 11-APR-02 15:00 by CLIENT
Date Received: 16-APR-02 14:02
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Benzo(g,h,i)perylene	U	ug/kg	290	22-APR-02 20:18	EPA 8270	02-011-1644
Extraction Information:				17-APR-02 00:00	EPA 3550	02-031-28
Surrogate Recovery:						
Nitrobenzene-d5	41	%				02-011-1644
2-Fluorobiphenyl	46	%				02-011-1644
Terphenyl-d14	43	%				02-011-1644
Analysis Comment: Results Calculated on a dry weight basis.						

Results calculated on a dry weight basis.

Approved by:

Lab Director

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QC

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 02-MAY-2002

Lab Sample ID: L86844-13

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: E2-N
Description: GRAB
Sampled On: 11-APR-02 15:00 by CLIENT
Date Received: 16-APR-02 14:02
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	84.9	%		16-APR-02 00:00	CLP 3.0	01-202-75
EPA 8021						
Benzene	U	ug/kg	0.8	25-APR-02 07:24	EPA 8021	02-28-8166
Toluene	U	ug/kg	1	25-APR-02 07:24	EPA 8021	02-28-8166
Ethylbenzene	U	ug/kg	1	25-APR-02 07:24	EPA 8021	02-28-8166
p-Xylene/m-Xylene	U	ug/kg	1	25-APR-02 07:24	EPA 8021	02-28-8166
o-Xylene	4	ug/kg	1	25-APR-02 07:24	EPA 8021	02-28-8166
Isopropylbenzene	U	ug/kg	1	25-APR-02 07:24	EPA 8021	02-28-8166
n-Propylbenzene	4	ug/kg	1	25-APR-02 07:24	EPA 8021	02-28-8166
1,3,5-Trimethylbenzene	U	ug/kg	1	25-APR-02 07:24	EPA 8021	02-28-8166
tert-Butylbenzene	U	ug/kg	1	25-APR-02 07:24	EPA 8021	02-28-8166
1,2,4-Trimethylbenzene	8	ug/kg	1	25-APR-02 07:24	EPA 8021	02-28-8166
sec-Butylbenzene	3	ug/kg	1	25-APR-02 07:24	EPA 8021	02-28-8166
4-Isopropyltoluene	5	ug/kg	1	25-APR-02 07:24	EPA 8021	02-28-8166
n-Butylbenzene	6	ug/kg	1	25-APR-02 07:24	EPA 8021	02-28-8166
Naphthalene	3 *	ug/kg	1	25-APR-02 07:24	EPA 8021	02-28-8166
Methyl-tert-butyl-ether (MTBE)	U	ug/kg	6	25-APR-02 07:24	EPA 8021	02-28-8166
Surrogate Recovery:						
2ID - Bromofluorobenzene	95	%				02-28-8166
Analysis Comment: Results Calculated on a dry weight basis.* - Continuing calibration RRF greater than 15% (15.8%).						

EPA 8270

Naphthalene	U	ug/kg	290	23-APR-02 01:22	EPA 8270	02-011-1650
Acenaphthylene	U	ug/kg	290	23-APR-02 01:22	EPA 8270	02-011-1650
Acenaphthene	U	ug/kg	290	23-APR-02 01:22	EPA 8270	02-011-1650
Fluorene	U	ug/kg	290	23-APR-02 01:22	EPA 8270	02-011-1650
Phenanthrene	170 J	ug/kg	290	23-APR-02 01:22	EPA 8270	02-011-1650
Anthracene	U	ug/kg	290	23-APR-02 01:22	EPA 8270	02-011-1650
Fluoranthene	300	ug/kg	290	23-APR-02 01:22	EPA 8270	02-011-1650
Pyrene	470	ug/kg	290	23-APR-02 01:22	EPA 8270	02-011-1650
Benzo(a)anthracene	150 J	ug/kg	290	23-APR-02 01:22	EPA 8270	02-011-1650
Chrysene	200 J	ug/kg	290	23-APR-02 01:22	EPA 8270	02-011-1650
Benzo(b)fluoranthene	250 J	ug/kg	290	23-APR-02 01:22	EPA 8270	02-011-1650
Benzo(k)fluoranthene	U	ug/kg	290	23-APR-02 01:22	EPA 8270	02-011-1650
Benzo(a)pyrene	150 J	ug/kg	290	23-APR-02 01:22	EPA 8270	02-011-1650
Indeno(1,2,3-cd)pyrene	130 J	ug/kg	290	23-APR-02 01:22	EPA 8270	02-011-1650
Dibenzo(a,h)anthracene	U	ug/kg	290	23-APR-02 01:22	EPA 8270	02-011-1650
Results calculated on a dry weight basis.						

Approved by:

Lab Director

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NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 02-MAY-2002

Lab Sample ID: L86844-13

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: E2-N
Description: GRAB
Sampled On: 11-APR-02 15:00 by CLIENT
Date Received: 16-APR-02 14:02
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Benzo(g,h,i)perylene	U	ug/kg	290	23-APR-02 01:22	EPA 8270	02-011-1650
Extraction Information:				17-APR-02 00:00	EPA 3550	02-031-28
Surrogate Recovery:						
Nitrobenzene-d5	44	%				02-011-1650
2-Fluorobiphenyl	51	%				02-011-1650
Terphenyl-d14	84	%				02-011-1650
Analysis Comment: Results Calculated on a dry weight basis. Int std 6 below limit.						

Results calculated on a dry weight basis.

Approved by:

Lab Director

Page 2 of 2

NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
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TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 02-MAY-2002

Lab Sample ID: L86844-14

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: AGST-49
Description: GRAB
Sampled On: 11-APR-02 14:00 by CLIENT
Date Received: 16-APR-02 14:02
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	85.4	%		16-APR-02 00:00	CLP 3.0	01-202-75
EPA 8021						
Benzene	U	ug/kg	0.7	21-APR-02 11:43	EPA 8021	02-028-8094
Toluene	U	ug/kg	1	21-APR-02 11:43	EPA 8021	02-028-8094
Ethylbenzene	U	ug/kg	1	21-APR-02 11:43	EPA 8021	02-028-8094
p-Xylene/m-Xylene	U	ug/kg	1	21-APR-02 11:43	EPA 8021	02-028-8094
o-Xylene	U	ug/kg	1	21-APR-02 11:43	EPA 8021	02-028-8094
Isopropylbenzene	U	ug/kg	1	21-APR-02 11:43	EPA 8021	02-028-8094
n-Propylbenzene	U	ug/kg	1	21-APR-02 11:43	EPA 8021	02-028-8094
1,3,5-Trimethylbenzene	U	ug/kg	1	21-APR-02 11:43	EPA 8021	02-028-8094
tert-Butylbenzene	U	ug/kg	1	21-APR-02 11:43	EPA 8021	02-028-8094
1,2,4-Trimethylbenzene	U	ug/kg	1	21-APR-02 11:43	EPA 8021	02-028-8094
sec-Butylbenzene	U	ug/kg	1	21-APR-02 11:43	EPA 8021	02-028-8094
4-Isopropyltoluene	U	ug/kg	1	21-APR-02 11:43	EPA 8021	02-028-8094
n-Butylbenzene	U	ug/kg	1	21-APR-02 11:43	EPA 8021	02-028-8094
Naphthalene	U	ug/kg	1	21-APR-02 11:43	EPA 8021	02-028-8094
Methyl-tert-butyl-ether (MTBE)	U	ug/kg	5	21-APR-02 11:43	EPA 8021	02-028-8094
Surrogate Recovery:						
PID - Bromofluorobenzene	103	%				02-028-8094
Analysis Comment: Results Calculated on a dry weight basis.						

EPA 8270

Naphthalene	U	ug/kg	290	22-APR-02 17:46	EPA 8270	02-011-1641
Acenaphthylene	U	ug/kg	290	22-APR-02 17:46	EPA 8270	02-011-1641
Acenaphthene	U	ug/kg	290	22-APR-02 17:46	EPA 8270	02-011-1641
Fluorene	U	ug/kg	290	22-APR-02 17:46	EPA 8270	02-011-1641
Phenanthrene	U	ug/kg	290	22-APR-02 17:46	EPA 8270	02-011-1641
Anthracene	U	ug/kg	290	22-APR-02 17:46	EPA 8270	02-011-1641
Fluoranthene	U	ug/kg	290	22-APR-02 17:46	EPA 8270	02-011-1641
Pyrene	U	ug/kg	290	22-APR-02 17:46	EPA 8270	02-011-1641
Benzo(a)anthracene	U	ug/kg	290	22-APR-02 17:46	EPA 8270	02-011-1641
Chrysene	U	ug/kg	290	22-APR-02 17:46	EPA 8270	02-011-1641
Benzo(b)fluoranthene	U	ug/kg	290	22-APR-02 17:46	EPA 8270	02-011-1641
Benzo(k)fluoranthene	U	ug/kg	290	22-APR-02 17:46	EPA 8270	02-011-1641
Benzo(a)pyrene	U	ug/kg	290	22-APR-02 17:46	EPA 8270	02-011-1641
Indeno(1,2,3-cd)pyrene	U	ug/kg	290	22-APR-02 17:46	EPA 8270	02-011-1641
Dibenzo(a,h)anthracene	U	ug/kg	290	22-APR-02 17:46	EPA 8270	02-011-1641
Results calculated on a dry weight basis.						

Approved by:

Lab Director

Page 1 of 2
NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC

KEY: ND = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 02-MAY-2002

Lab Sample ID: L86844-14

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

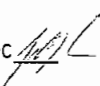
Sample Source: RICHMOND AVENUE
Origin: AGST-49
Description: GRAB
Sampled On: 11-APR-02 14:00 by CLIENT
Date Received: 16-APR-02 14:02
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Benzo(g,h,i)perylene	U	ug/kg	290	22-APR-02 17:46	EPA 8270	02-011-1641
Extraction Information:				17-APR-02 00:00	EPA 3550	02-031-28
Surrogate Recovery:						
Nitrobenzene-d5	39	%				02-011-1641
2-Fluorobiphenyl	47	%				02-011-1641
Terphenyl-d14	42	%				02-011-1641
Analysis Comment: Results Calculated on a dry weight basis.						

Results calculated on a dry weight basis.

Approved by: 
Lab Director

Page 2 of 2
NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC 

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TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 02-MAY-2002

Lab Sample ID: L86844-15

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: L86844-14MS, AGST-49
Description: L83844-14
Sampled On: 11-APR-02 14:00 by CLIENT
Date Received: 16-APR-02 14:02
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
EPA 8021						
Benzene	21	ug/kg	0.8	25-APR-02 10:34	EPA 8021	02-028-8170
Toluene	20	ug/kg	1	25-APR-02 10:34	EPA 8021	02-028-8170
Ethylbenzene	24	ug/kg	1	25-APR-02 10:34	EPA 8021	02-028-8170
p-Xylene/m-Xylene	50	ug/kg	1	25-APR-02 10:34	EPA 8021	02-028-8170
o-Xylene	35	ug/kg	1	25-APR-02 10:34	EPA 8021	02-028-8170
Isopropylbenzene	19	ug/kg	1	25-APR-02 10:34	EPA 8021	02-028-8170
n-Propylbenzene	22	ug/kg	1	25-APR-02 10:34	EPA 8021	02-028-8170
1,3,5-Trimethylbenzene	24	ug/kg	1	25-APR-02 10:34	EPA 8021	02-028-8170
tert-Butylbenzene	17	ug/kg	1	25-APR-02 10:34	EPA 8021	02-028-8170
1,2,4-Trimethylbenzene	22	ug/kg	1	25-APR-02 10:34	EPA 8021	02-028-8170
sec-Butylbenzene	15	ug/kg	1	25-APR-02 10:34	EPA 8021	02-028-8170
4-Isopropyltoluene	14	ug/kg	1	25-APR-02 10:34	EPA 8021	02-028-8170
n-Butylbenzene	12	ug/kg	1	25-APR-02 10:34	EPA 8021	02-028-8170
Naphthalene	12 *	ug/kg	1	25-APR-02 10:34	EPA 8021	02-028-8170
Methyl-tert-butyl-ether (MTBE)	150	ug/kg	6	25-APR-02 10:34	EPA 8021	02-028-8170
Surrogate Recovery:						
PID - Bromofluorobenzene	100	%				02-028-8170
Analysis Comment: Results Calculated on a dry weight basis.* - Continuing calibration RRF greater than 15% (15.8%).						

EPA 8270

Naphthalene	2000	ug/kg	290	22-APR-02 18:37	EPA 8270	02-011-1642
Acenaphthylene	2100	ug/kg	290	22-APR-02 18:37	EPA 8270	02-011-1642
Acenaphthene	2200	ug/kg	290	22-APR-02 18:37	EPA 8270	02-011-1642
Fluorene	2000	ug/kg	290	22-APR-02 18:37	EPA 8270	02-011-1642
Phenanthrene	2300	ug/kg	290	22-APR-02 18:37	EPA 8270	02-011-1642
Anthracene	2200	ug/kg	290	22-APR-02 18:37	EPA 8270	02-011-1642
Fluoranthene	2000	ug/kg	290	22-APR-02 18:37	EPA 8270	02-011-1642
Pyrene	2300	ug/kg	290	22-APR-02 18:37	EPA 8270	02-011-1642
Benzo(a)anthracene	2300	ug/kg	290	22-APR-02 18:37	EPA 8270	02-011-1642
Chrysene	2300	ug/kg	290	22-APR-02 18:37	EPA 8270	02-011-1642
Benzo(b)fluoranthene	2300	ug/kg	290	22-APR-02 18:37	EPA 8270	02-011-1642
Benzo(k)fluoranthene	2300	ug/kg	290	22-APR-02 18:37	EPA 8270	02-011-1642
Benzo(a)pyrene	2200	ug/kg	290	22-APR-02 18:37	EPA 8270	02-011-1642
Indeno(1,2,3-cd)pyrene	1600	ug/kg	290	22-APR-02 18:37	EPA 8270	02-011-1642
Dibenzo(a,h)anthracene	1600	ug/kg	290	22-APR-02 18:37	EPA 8270	02-011-1642
Benzo(g,h,i)perylene	1500	ug/kg	290	22-APR-02 18:37	EPA 8270	02-011-1642

Results calculated on a dry weight basis.

Approved by:

Lab Director

Page 1 of 2
NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC

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FAX (607) 565-4083

Date: 02-MAY-2002

Lab Sample ID: L86844-15

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: L86844-14MS, AGST-49
Description: L83844-14
Sampled On: 11-APR-02 14:00 by CLIENT
Date Received: 16-APR-02 14:02
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Extraction Information:				17-APR-02 00:00	EPA 3550	02-031-28
Surrogate Recovery:						
Nitrobenzene-d5	37	%				02-011-1642
2-Fluorobiphenyl	43	%				02-011-1642
Terphenyl-d14	42	%				02-011-1642
Analysis Comment: Results Calculated on a dry weight basis.						

Results calculated on a dry weight basis.

Approved by:

Lab Director

Page 2 of 2
NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC

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FAX (607) 565-4083

Date: 02-MAY-2002

Lab Sample ID: L86844-16

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: L86844-14MSD/DUP, AGST-49
Description: L83844-14
Sampled On: 11-APR-02 14:00 by CLIENT
Date Received: 16-APR-02 14:02
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
EPA 8021						
Benzene	32	ug/kg	0.6	23-APR-02 03:51	EPA 8021	02-028-8115
Toluene	28	ug/kg	0.9	23-APR-02 03:51	EPA 8021	02-028-8115
Ethylbenzene	23	ug/kg	0.9	23-APR-02 03:51	EPA 8021	02-028-8115
p-Xylene/m-Xylene	44	ug/kg	0.9	23-APR-02 03:51	EPA 8021	02-028-8115
o-Xylene	19	ug/kg	0.9	23-APR-02 03:51	EPA 8021	02-028-8115
Isopropylbenzene	15	ug/kg	0.9	23-APR-02 03:51	EPA 8021	02-028-8115
n-Propylbenzene	13	ug/kg	0.9	23-APR-02 03:51	EPA 8021	02-028-8115
1,3,5-Trimethylbenzene	14	ug/kg	0.9	23-APR-02 03:51	EPA 8021	02-028-8115
tert-Butylbenzene	10	ug/kg	0.9	23-APR-02 03:51	EPA 8021	02-028-8115
1,2,4-Trimethylbenzene	10	ug/kg	0.9	23-APR-02 03:51	EPA 8021	02-028-8115
sec-Butylbenzene	8	ug/kg	0.9	23-APR-02 03:51	EPA 8021	02-028-8115
4-Isopropyltoluene	6	ug/kg	0.9	23-APR-02 03:51	EPA 8021	02-028-8115
n-Butylbenzene	8	ug/kg	0.9	23-APR-02 03:51	EPA 8021	02-028-8115
Naphthalene	U	ug/kg	0.9	23-APR-02 03:51	EPA 8021	02-028-8115
Methyl-tert-butyl-ether (MTBE)	85	ug/kg	5	23-APR-02 03:51	EPA 8021	02-028-8115
Surrogate Recovery:						
PID - Bromofluorobenzene	83	%				02-028-8115
Analysis Comment: Results Calculated on a dry weight basis. Int std recovery below 10 % results are suspect.						

EPA 8270

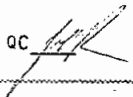
Naphthalene	2100	ug/kg	290	22-APR-02 19:27	EPA 8270	02-011-1643
Acenaphthylene	2100	ug/kg	290	22-APR-02 19:27	EPA 8270	02-011-1643
Acenaphthene	2200	ug/kg	290	22-APR-02 19:27	EPA 8270	02-011-1643
Fluorene	2100	ug/kg	290	22-APR-02 19:27	EPA 8270	02-011-1643
Phenanthrene	2400	ug/kg	290	22-APR-02 19:27	EPA 8270	02-011-1643
Anthracene	2400	ug/kg	290	22-APR-02 19:27	EPA 8270	02-011-1643
Fluoranthene	2100	ug/kg	290	22-APR-02 19:27	EPA 8270	02-011-1643
Pyrene	2400	ug/kg	290	22-APR-02 19:27	EPA 8270	02-011-1643
Benzo(a)anthracene	2300	ug/kg	290	22-APR-02 19:27	EPA 8270	02-011-1643
Chrysene	2400	ug/kg	290	22-APR-02 19:27	EPA 8270	02-011-1643
Benzo(b)fluoranthene	2500	ug/kg	290	22-APR-02 19:27	EPA 8270	02-011-1643
Benzo(k)fluoranthene	2400	ug/kg	290	22-APR-02 19:27	EPA 8270	02-011-1643
Benzo(a)pyrene	2300	ug/kg	290	22-APR-02 19:27	EPA 8270	02-011-1643
Indeno(1,2,3-cd)pyrene	1600	ug/kg	290	22-APR-02 19:27	EPA 8270	02-011-1643
Dibenzo(a,h)anthracene	1600	ug/kg	290	22-APR-02 19:27	EPA 8270	02-011-1643
Benzo(g,h,i)perylene	1500	ug/kg	290	22-APR-02 19:27	EPA 8270	02-011-1643

Results calculated on a dry weight basis.

Approved by: 

Lab Director

Page 1 of 2
NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC 

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 02-MAY-2002

Lab Sample ID: L86844-16

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: L86844-14MSD/DUP, AGST-49
Description: L83844-14
Sampled On: 11-APR-02 14:00 by CLIENT
Date Received: 16-APR-02 14:02
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Extraction Information:				17-APR-02 00:00	EPA 3550	02-031-28
Surrogate Recovery:						
Nitrobenzene-d5	40	%				02-011-1643
2-Fluorobiphenyl	43	%				02-011-1643
Terphenyl-d14	41	%				02-011-1643
Analysis Comment: Results Calculated on a dry weight basis.						

Results calculated on a dry weight basis.

Approved by:

Lab Director

Page 2 of 2
NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 02-MAY-2002

Lab Sample ID: L86844-17

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: DUP-4-11
Description: GRAB
Sampled On: 11-APR-02 00:00 by CLIENT
Date Received: 16-APR-02 14:02
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	86.4	%		16-APR-02 00:00	CLP 3.0	01-202-75
EPA 8021						
Benzene	U	ug/kg	0.7	25-APR-02 03:18	EPA 8021	02-028-8155
Toluene	1	ug/kg	1	25-APR-02 03:18	EPA 8021	02-028-8155
Ethylbenzene	U	ug/kg	1	25-APR-02 03:18	EPA 8021	02-028-8155
p-Xylene/m-Xylene	U	ug/kg	1	25-APR-02 03:18	EPA 8021	02-028-8155
o-Xylene	U	ug/kg	1	25-APR-02 03:18	EPA 8021	02-028-8155
Isopropylbenzene	U	ug/kg	1	25-APR-02 03:18	EPA 8021	02-028-8155
n-Propylbenzene	U	ug/kg	1	25-APR-02 03:18	EPA 8021	02-028-8155
1,3,5-Trimethylbenzene	U	ug/kg	1	25-APR-02 03:18	EPA 8021	02-028-8155
tert-Butylbenzene	U	ug/kg	1	25-APR-02 03:18	EPA 8021	02-028-8155
1,2,4-Trimethylbenzene	U	ug/kg	1	25-APR-02 03:18	EPA 8021	02-028-8155
sec-Butylbenzene	U	ug/kg	1	25-APR-02 03:18	EPA 8021	02-028-8155
4-Isopropyltoluene	U	ug/kg	1	25-APR-02 03:18	EPA 8021	02-028-8155
n-Butylbenzene	U	ug/kg	1	25-APR-02 03:18	EPA 8021	02-028-8155
Naphthalene	U	ug/kg	1	25-APR-02 03:18	EPA 8021	02-028-8155
Methyl-tert-butyl-ether (MTBE)	5 B	ug/kg	5	25-APR-02 03:18	EPA 8021	02-028-8155
Surrogate Recovery:						
91D - Bromofluorobenzene	93	%				02-028-8155
Analysis Comment: Results Calculated on a dry weight basis.						
EPA 8270						
Naphthalene	U	ug/kg	290	22-APR-02 21:09	EPA 8270	02-011-1645
Acenaphthylene	U	ug/kg	290	22-APR-02 21:09	EPA 8270	02-011-1645
Acenaphthene	U	ug/kg	290	22-APR-02 21:09	EPA 8270	02-011-1645
Fluorene	U	ug/kg	290	22-APR-02 21:09	EPA 8270	02-011-1645
Phenanthrene	100 J	ug/kg	290	22-APR-02 21:09	EPA 8270	02-011-1645
Anthracene	U	ug/kg	290	22-APR-02 21:09	EPA 8270	02-011-1645
Fluoranthene	U	ug/kg	290	22-APR-02 21:09	EPA 8270	02-011-1645
Pyrene	U	ug/kg	290	22-APR-02 21:09	EPA 8270	02-011-1645
Benzo(a)anthracene	110 J	ug/kg	290	22-APR-02 21:09	EPA 8270	02-011-1645
Chrysene	120 J	ug/kg	290	22-APR-02 21:09	EPA 8270	02-011-1645
Benzo(b)fluoranthene	150 J	ug/kg	290	22-APR-02 21:09	EPA 8270	02-011-1645
Benzo(k)fluoranthene	U	ug/kg	290	22-APR-02 21:09	EPA 8270	02-011-1645
Benzo(a)pyrene	100 J	ug/kg	290	22-APR-02 21:09	EPA 8270	02-011-1645
Indeno(1,2,3-cd)pyrene	U	ug/kg	290	22-APR-02 21:09	EPA 8270	02-011-1645
Dibenzo(a,h)anthracene	U	ug/kg	290	22-APR-02 21:09	EPA 8270	02-011-1645
Results calculated on a dry weight basis.						

Approved by:

Lab Director

Page 1 of 2
NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 02-MAY-2002

Lab Sample ID: L86844-17

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: DUP-4-11
Description: GRAB
Sampled On: 11-APR-02 00:00 by CLIENT
Date Received: 16-APR-02 14:02
P.O. NO: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Benzo(g,h,i)perylene	U	ug/kg	290	22-APR-02 21:09	EPA 8270	02-011-1645
Extraction Information:				17-APR-02 00:00	EPA 3550	02-031-26
Surrogate Recovery:						
Nitrobenzene-d5	63	%				02-011-1645
2-Fluorobiphenyl	72	%				02-011-1645
Terphenyl-d14	71	%				02-011-1645
Analysis Comment: Results Calculated on a dry weight basis.						

Results calculated on a dry weight basis.

Approved by:

Lab Director

Page 2 of 2

NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 02-MAY-2002

Lab Sample ID: L86844-18

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: UST-W
Description: GRAB
Sampled On: 11-APR-02 00:00 by CLIENT
Date Received: 16-APR-02 14:02
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	88.3	%		16-APR-02 00:00	CLP 3.0	01-202-75
EPA 8021						
Benzene	U	ug/kg	0.7	25-APR-02 04:05	EPA 8021	02-028-8156
Toluene	U	ug/kg	1	25-APR-02 04:05	EPA 8021	02-028-8156
Ethylbenzene	U	ug/kg	1	25-APR-02 04:05	EPA 8021	02-028-8156
p-Xylene/m-Xylene	U	ug/kg	1	25-APR-02 04:05	EPA 8021	02-028-8156
o-Xylene	U	ug/kg	1	25-APR-02 04:05	EPA 8021	02-028-8156
Isopropylbenzene	U	ug/kg	1	25-APR-02 04:05	EPA 8021	02-028-8156
n-Propylbenzene	U	ug/kg	1	25-APR-02 04:05	EPA 8021	02-028-8156
1,3,5-Trimethylbenzene	U	ug/kg	1	25-APR-02 04:05	EPA 8021	02-028-8156
tert-Butylbenzene	U	ug/kg	1	25-APR-02 04:05	EPA 8021	02-028-8156
1,2,4-Trimethylbenzene	U	ug/kg	1	25-APR-02 04:05	EPA 8021	02-028-8156
sec-Butylbenzene	U	ug/kg	1	25-APR-02 04:05	EPA 8021	02-028-8156
4-Isopropyltoluene	U	ug/kg	1	25-APR-02 04:05	EPA 8021	02-028-8156
n-Butylbenzene	U	ug/kg	1	25-APR-02 04:05	EPA 8021	02-028-8156
Naphthalene	2 B	ug/kg	1	25-APR-02 04:05	EPA 8021	02-028-8156
Methyl-tert-butyl-ether (MTBE)	U	ug/kg	5	25-APR-02 04:05	EPA 8021	02-028-8156
Surrogate Recovery:						
MD - Bromofluorobenzene	92	%				02-028-8156
Analysis Comment: Results Calculated on a dry weight basis.						

EPA 8270

Naphthalene	U	ug/kg	280	22-APR-02 15:13	EPA 8270	02-011-1638
Acenaphthylene	U	ug/kg	280	22-APR-02 15:13	EPA 8270	02-011-1638
Acenaphthene	U	ug/kg	280	22-APR-02 15:13	EPA 8270	02-011-1638
Fluorene	U	ug/kg	280	22-APR-02 15:13	EPA 8270	02-011-1638
Phenanthrene	U	ug/kg	280	22-APR-02 15:13	EPA 8270	02-011-1638
Anthracene	U	ug/kg	280	22-APR-02 15:13	EPA 8270	02-011-1638
Fluoranthene	U	ug/kg	280	22-APR-02 15:13	EPA 8270	02-011-1638
Pyrene	U	ug/kg	280	22-APR-02 15:13	EPA 8270	02-011-1638
Benzo(a)anthracene	U	ug/kg	280	22-APR-02 15:13	EPA 8270	02-011-1638
Chrysene	U	ug/kg	280	22-APR-02 15:13	EPA 8270	02-011-1638
Benzo(b)fluoranthene	U	ug/kg	280	22-APR-02 15:13	EPA 8270	02-011-1638
Benzo(k)fluoranthene	U	ug/kg	280	22-APR-02 15:13	EPA 8270	02-011-1638
Benzo(a)pyrene	U	ug/kg	280	22-APR-02 15:13	EPA 8270	02-011-1638
Indeno(1,2,3-cd)pyrene	U	ug/kg	280	22-APR-02 15:13	EPA 8270	02-011-1638
Dibenzo(a,h)anthracene	U	ug/kg	280	22-APR-02 15:13	EPA 8270	02-011-1638
Results calculated on a dry weight basis.						

Approved by:

Lab Director

Page 1 of 2
NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 02-MAY-2002

Lab Sample ID: L86844-18

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE
Origin: UST-W
Description: GRAB
Sampled On: 11-APR-02 00:00 by CLIENT
Date Received: 16-APR-02 14:02
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Benzo(g,h,i)perylene	U	ug/kg	280	22-APR-02 15:13	EPA 8270	02-011-1638
Extraction Information:				17-APR-02 00:00	EPA 3550	02-031-26
Surrogate Recovery:						
Nitrobenzene-d5	77	%				02-011-1638
2-Fluorobiphenyl	83	%				02-011-1638
Terphenyl-d14	86	%				02-011-1638
Analysis Comment: Results Calculated on a dry weight basis.						

Results calculated on a dry weight basis.

Approved by:

Lab Director

Page 2 of 2
NY 10252 NJ 73168 PA 68180 EPA NY 00033

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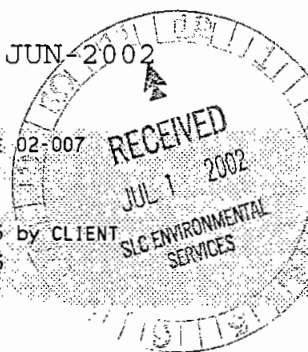
WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 26-JUN-2002

Lab Sample ID: L88606-1

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE 02-007
Origin: 02-1-01-21
Description: GRAB
Sampled On: 22-MAY-02 08:25 by CLIENT
Date Received: 24-MAY-02 12:25
P.O. No: 02-007-001



Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	90.2	%		28-MAY-02 00:00	CLP 3.0	02-066-3
Arsenic	3.26	mg/kg	0.529	31-MAY-02 15:02	EPA 6020	02-020-27
Chromium	21.6	mg/kg	0.932	29-MAY-02 05:18	EPA 6010	02-021-08
Lead	229	mg/kg	4.10	31-MAY-02 01:55	EPA 6010	02-021-09
Mercury	0.24	mg/kg	0.0480	29-MAY-02 00:00	EPA 7470	01-002-58
EPA 8082						
PCB 1016	U	ug/kg	110	04-JUN-02 14:02	EPA 8082	02-004-9375
PCB 1221	U	ug/kg	220	04-JUN-02 14:02	EPA 8082	02-004-9375
PCB 1232	U	ug/kg	110	04-JUN-02 14:02	EPA 8082	02-004-9375
PCB 1242	U	ug/kg	110	04-JUN-02 14:02	EPA 8082	02-004-9375
PCB 1248	U	ug/kg	110	04-JUN-02 14:02	EPA 8082	02-004-9375
PCB 1254	U	ug/kg	110	04-JUN-02 14:02	EPA 8082	02-004-9375
PCB 1260	U	ug/kg	110	04-JUN-02 14:02	EPA 8082	02-004-9375
Extraction Information:				31-MAY-02 00:00	EPA 3550	02-044-24
Surrogate Recovery:						
Tetrachloro-m-xylene	135	%				02-004-9375

Results calculated on a dry weight basis.

Report Comment: Temperature upon receipt at lab, 11 degrees C.

Approved by:

Lab Director

Page 1 of 1
NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 26-JUN-2002

Lab Sample ID: L88606-2

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE 02-007
Origin: 02-1-0'-2'
Description: GRAB
Sampled On: 22-MAY-02 08:25 by CLIENT
Date Received: 24-MAY-02 12:25
P.O. NO: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Lead	U	mg/l	0.440	31-MAY-02 01:29	EPA 6010 TCLP	02-021-09

Report Comment: Temperature upon receipt at lab, 11 degrees C.

Approved by:

Lab Director

Page 1 of 1

NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 26-JUN-2002

Lab Sample ID: L88606-3

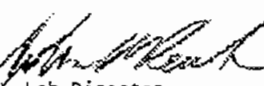
SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE 02-007
Origin: 02-2-01-2
Description: GRAB
Sampled On: 22-MAY-02 08:30 by CLIENT
Date Received: 24-MAY-02 12:25
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	79.2	%		28-MAY-02 00:00	CLP 3.0	02-066-3
Arsenic	11.6	mg/kg	0.574	31-MAY-02 15:11	EPA 6020	02-020-27
Chromium	8.95	mg/kg	1.01	29-MAY-02 05:21	EPA 6010	02-021-08
Lead	797	mg/kg	4.45	31-MAY-02 01:58	EPA 6010	02-021-09
Mercury	3.9	mg/kg	0.1400	29-MAY-02 00:00	EPA 7470	01-002-58

Results calculated on a dry weight basis.

Report Comment: Temperature upon receipt at lab, 11 degrees C.

Approved by: 
Lab Director

Page 1 of 1
NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC 

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 26-JUN-2002

Lab Sample ID: L88606-4

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE 02-007
Origin: 02-3-0'-2'
Description: GRAB
Sampled On: 22-MAY-02 08:40 by CLIENT
Date Received: 24-MAY-02 12:25
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	82	%		28-MAY-02 00:00	CLP 3.0	02-066-3
Arsenic	8.17	mg/kg	0.607	31-MAY-02 15:30	EPA 6020	02-020-27
Chromium	16.1	mg/kg	1.18	29-MAY-02 05:24	EPA 6010	02-021-08
Lead	2820	mg/kg	5.19	31-MAY-02 02:01	EPA 6010	02-021-09
Mercury	3.9	mg/kg	0.1400	29-MAY-02 00:00	EPA 7470	01-002-58

Results calculated on a dry weight basis.

Report Comment: Temperature upon receipt at lab, 11 degrees C.

Approved by: 
Lab Director

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NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC 

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligram per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 26-JUN-2002

Lab Sample ID: L88606-5

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE 02-007
Origin: 02-4-01-21
Description: GRAB
Sampled On: 22-MAY-02 08:50 by CLIENT
Date Received: 24-MAY-02 12:25
P.O. No: 02-007-001

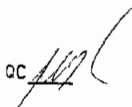
Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	81.2	%		28-MAY-02 00:00	CLP 3.0	02-066-3
Arsenic	5.14	mg/kg	0.584	31-MAY-02 15:48	EPA 6020	02-020-27
Chromium	16.2	mg/kg	1.12	29-MAY-02 05:27	EPA 6010	02-021-08
Lead	2560	mg/kg	4.95	31-MAY-02 02:04	EPA 6010	02-021-09
Mercury	11	mg/kg	0.2600	29-MAY-02 00:00	EPA 7470	01-002-58

Results calculated on a dry weight basis.

Report Comment: Temperature upon receipt at lab, 11 degrees C.

Approved by: 
Lab Director

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NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC 

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 26-JUN-2002

Lab Sample ID: L88606-6

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE 02-007
Origin: 02-5-01-21
Description: GRAB
Sampled On: 22-MAY-02 09:05 by CLIENT
Date Received: 24-MAY-02 12:25
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	87.8	%		28-MAY-02 00:00	CLP 3.0	02-066-3
Arsenic	6.53	mg/kg	0.557	31-MAY-02 15:58	EPA 6020	02-020-27
Chromium	6.89	mg/kg	1.11	29-MAY-02 05:30	EPA 6010	02-021-08
Lead	280	mg/kg	4.89	31-MAY-02 02:07	EPA 6010	02-021-09
Mercury	U	mg/kg	0.0490	29-MAY-02 00:00	EPA 7470	01-002-58

Results calculated on a dry weight basis.

Report Comment: Temperature upon receipt at lab, 11 degrees C.

Approved by:

Lab Director

Page 1 of 1
NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC

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TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 26-JUN-2002

Lab Sample ID: L88606-7

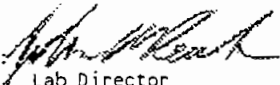
SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE 02-007
Origin: 02-6-0'-4'
Description: GRAB
Sampled On: 22-MAY-02 09:15 by CLIENT
Date Received: 24-MAY-02 12:25
P.O. No: 02-007-001

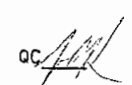
Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	91.8	%		28-MAY-02 00:00	CLP 3.0	02-066-3
Arsenic	8.58	mg/kg	0.517	31-MAY-02 16:07	EPA 6020	02-020-27
Chromium	7.19	mg/kg	1.08	29-MAY-02 05:33	EPA 6010	02-021-08
Lead	379	mg/kg	4.77	31-MAY-02 02:10	EPA 6010	02-021-09
Mercury	1.54	mg/kg	0.0460	29-MAY-02 00:00	EPA 7470	01-002-58

Results calculated on a dry weight basis.

Report Comment: Temperature upon receipt at Lab, 11 degrees C.

Approved by: 
Lab Director

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QC 

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TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 26-JUN-2002

Lab Sample ID: L88606-8

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE 02-007
Origin: 02-7-01-21
Description: GRAB
Sampled On: 22-MAY-02 09:25 by CLIENT
Date Received: 24-MAY-02 12:25
P.O. No: 02-007-001

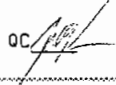
Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	88.9	%		28-MAY-02 00:00	CLP 3.0	02-066-3
Arsenic	10.2	mg/kg	0.496	31-MAY-02 16:16	EPA 6020	02-020-27
Chromium	43.2	mg/kg	0.930	29-MAY-02 05:36	EPA 6010	02-021-08
Lead	2960	mg/kg	4.09	31-MAY-02 02:13	EPA 6010	02-021-09
Mercury	1.45	mg/kg	0.0550	29-MAY-02 00:00	EPA 7470	01-002-58

Results calculated on a dry weight basis.

Report Comment: Temperature upon receipt at lab, 11 degrees C.

Approved by: 
Lab Director

Page 1 of 1
NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC 

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TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 26-JUN-2002

Lab Sample ID: L88606-9

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE 02-007
Origin: 02-8-0'-2'
Description: GRAB
Sampled On: 22-MAY-02 09:40 by CLIENT
Date Received: 24-MAY-02 12:25
P.O. No: 02-007-001

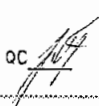
Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	71.3	%		28-MAY-02 00:00	CLP 3.0	02-066-3
Arsenic	32.5	mg/kg	0.658	31-MAY-02 16:34	EPA 6020	02-020-27
Chromium	26.4	mg/kg	1.29	29-MAY-02 05:45	EPA 6010	02-021-08
Lead	1280	mg/kg	5.68	31-MAY-02 02:16	EPA 6010	02-021-09
Mercury	2.01	mg/kg	0.0630	29-MAY-02 00:00	EPA 7470	01-002-58

Results calculated on a dry weight basis.

Report Comment: Temperature upon receipt at lab, 11 degrees C.

Approved by: 
Lab Director

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NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC 

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WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 26-JUN-2002

Lab Sample ID: L88606-10

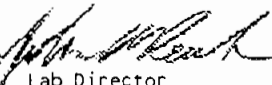
SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE 02-007
Origin: 02-9-07-21
Description: GRAB
Sampled On: 22-MAY-02 09:50 by CLIENT
Date Received: 24-MAY-02 12:25
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	83.5	%		28-MAY-02 00:00	CLP 3.0	02-066-3
Arsenic	5.13	mg/kg	0.460	31-MAY-02 16:43	EPA 6020	02-020-27
Chromium	6.95	mg/kg	1.14	29-MAY-02 05:48	EPA 6010	02-021-08
Lead	104	mg/kg	4.99	31-MAY-02 02:19	EPA 6010	02-021-09
Mercury	0.13	mg/kg	0.0570	29-MAY-02 00:00	EPA 7470	01-002-58

Results calculated on a dry weight basis.

Report Comment: Temperature upon receipt at lab, 11 degrees C.

Approved by: 
Lab Director

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NY 10252 NJ 73168 PA 68180 EPA NY 00033

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TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 26-JUN-2002

Lab Sample ID: L88606-11

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE 02-007
Origin: 02-10-0'-2'
Description: GRAB
Sampled On: 22-MAY-02 10:00 by CLIENT
Date Received: 24-MAY-02 12:25
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	79.8	%		28-MAY-02 00:00	CLP 3.0	02-066-3
Arsenic	37.1	mg/kg	0.588	31-MAY-02 16:53	EPA 6020	02-020-27
Chromium	31.4	mg/kg	1.03	29-MAY-02 05:51	EPA 6010	02-021-08
Lead	637	mg/kg	4.51	31-MAY-02 02:22	EPA 6010	02-021-09
Mercury	1.07	mg/kg	0.0630	29-MAY-02 00:00	EPA 7470	01-002-58

Results calculated on a dry weight basis.

Report Comment: Temperature upon receipt at lab, 11 degrees C.

Approved by:

Lab Director

Page 1 of 1
NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC

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TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 26-JUN-2002

Lab Sample ID: L88606-12

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE 02-007
Origin: 02-11-01-2
Description: GRAB
Sampled On: 22-MAY-02 10:10 by CLIENT
Date Received: 24-MAY-02 12:25
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	94.6	%		28-MAY-02 00:00	CLP 3.0	02-066-3
Arsenic	2.49	mg/kg	0.477	31-MAY-02 17:02	EPA 6020	02-020-27
Chromium	6.2	mg/kg	0.977	29-MAY-02 05:54	EPA 6010	02-021-08
Lead	303	mg/kg	4.30	31-MAY-02 02:31	EPA 6010	02-021-09
Mercury	0.18	mg/kg	0.0500	29-MAY-02 00:00	EPA 7470	01-002-58

Results calculated on a dry weight basis.

Report Comment: Temperature upon receipt at lab, 11 degrees C.

Approved by:

Lab Director

Page 1 of 1
NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC

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TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 26-JUN-2002

Lab Sample ID: L88606-13

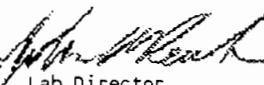
SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE 02-007
Origin: 02-12-01-2
Description: GRAB
Sampled On: 22-MAY-02 10:25 by CLIENT
Date Received: 24-MAY-02 12:25
P.O. No: 02-007-001

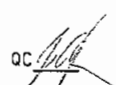
Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	91.7	%		28-MAY-02 00:00	CLP 3.0	02-066-3
Arsenic	4.2	mg/kg	0.437	31-MAY-02 17:39	EPA 6020	02-020-27
Chromium	5.27	mg/kg	0.885	29-MAY-02 06:03	EPA 6010	02-021-08
Lead	118	mg/kg	3.89	31-MAY-02 02:40	EPA 6010	02-021-09
Mercury	0.244	mg/kg	0.0470	29-MAY-02 00:00	EPA 7470	01-002-58

Results calculated on a dry weight basis.

Report Comment: Temperature upon receipt at lab, 11 degrees C.

Approved by: 
Lab Director

Page 1 of 1
NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC 

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 26-JUN-2002

Lab Sample ID: L88606-14

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE 02-007
Origin: 02-1-01-1/
Description: GRAB
Sampled On: 22-MAY-02 08:25 by CLIENT
Date Received: 24-MAY-02 12:25
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	79.1	%		28-MAY-02 00:00	CLP 3.0	02-066-3
EPA 8082						
PCB 1016	U	ug/kg	130	04-JUN-02 14:33	EPA 8082	02-004-9376
PCB 1221	U	ug/kg	250	04-JUN-02 14:33	EPA 8082	02-004-9376
PCB 1232	U	ug/kg	130	04-JUN-02 14:33	EPA 8082	02-004-9376
PCB 1242	U	ug/kg	130	04-JUN-02 14:33	EPA 8082	02-004-9376
PCB 1248	U	ug/kg	130	04-JUN-02 14:33	EPA 8082	02-004-9376
PCB 1254	U	ug/kg	130	04-JUN-02 14:33	EPA 8082	02-004-9376
PCB 1260	U	ug/kg	130	04-JUN-02 14:33	EPA 8082	02-004-9376

Extraction Information:

				31-MAY-02 00:00	EPA 3550	02-044-24
Surrogate Recovery:						
Tetrachloro-m-xylene	130	%				02-004-9376

Results calculated on a dry weight basis.

Report Comment: Temperature upon receipt at lab, 11 degrees C.

Approved by:

Lab Director

Page 1 of 1

NY 10252 NJ 73168 PA 68180 EPA NY 00033

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TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 26-JUN-2002

Lab Sample ID: L88606-15

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE 02-007
Origin: 02-15-01-2
Description: GRAB
Sampled On: 22-MAY-02 10:55 by CLIENT
Date Received: 24-MAY-02 12:25
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	77.2	%		28-MAY-02 00:00	EPA 160.3	02-066-4
EPA 8270						
Naphthalene	U	ug/kg	320	01-JUN-02 02:26	EPA 8270	02-011-1978
Acenaphthylene	U	ug/kg	320	01-JUN-02 02:26	EPA 8270	02-011-1978
Acenaphthene	U	ug/kg	320	01-JUN-02 02:26	EPA 8270	02-011-1978
Fluorene	U	ug/kg	320	01-JUN-02 02:26	EPA 8270	02-011-1978
Phenanthrene	240 J	ug/kg	320	01-JUN-02 02:26	EPA 8270	02-011-1978
Anthracene	U	ug/kg	320	01-JUN-02 02:26	EPA 8270	02-011-1978
Fluoranthene	440	ug/kg	320	01-JUN-02 02:26	EPA 8270	02-011-1978
Pyrene	440	ug/kg	320	01-JUN-02 02:26	EPA 8270	02-011-1978
Benzo(a)anthracene	200 J	ug/kg	320	01-JUN-02 02:26	EPA 8270	02-011-1978
Chrysene	290 J	ug/kg	320	01-JUN-02 02:26	EPA 8270	02-011-1978
Benzo(b)fluoranthene	360	ug/kg	320	01-JUN-02 02:26	EPA 8270	02-011-1978
Benzo(k)fluoranthene	U	ug/kg	320	01-JUN-02 02:26	EPA 8270	02-011-1978
Benzo(a)pyrene	230 J	ug/kg	320	01-JUN-02 02:26	EPA 8270	02-011-1978
Indeno(1,2,3-cd)pyrene	U	ug/kg	320	01-JUN-02 02:26	EPA 8270	02-011-1978
Dibenzo(a,h)anthracene	U	ug/kg	320	01-JUN-02 02:26	EPA 8270	02-011-1978
Benzo(g,h,i)perylene	U	ug/kg	320	01-JUN-02 02:26	EPA 8270	02-011-1978

Extraction Information:

29-MAY-02 00:00 EPA 3550 02-031-58

Surrogate Recovery:

Nitrobenzene-d5	88	%	02-011-1978
2-Fluorobiphenyl	93	%	02-011-1978
Terphenyl-d14	89	%	02-011-1978

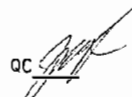
Analysis Comment: Results Calculated on a dry weight basis.

Results calculated on a dry weight basis.

Report Comment: Temperature upon receipt at lab, 11 degrees C.

Approved by: 
Lab Director

Page 1 of 1
NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC 

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 26-JUN-2002

Lab Sample ID: L88606-16

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE 02-007
Origin: 02-16-01-21
Description: GRAB
Sampled On: 22-MAY-02 11:05 by CLIENT
Date Received: 24-MAY-02 12:25
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	88.9	%		28-MAY-02 00:00	EPA 160.3	02-066-4
EPA 8270						
Naphthalene	94 J	ug/kg	280	05-JUN-02 20:00	EPA 8270	02-011-2013
Acenaphthylene	U	ug/kg	280	05-JUN-02 20:00	EPA 8270	02-011-2013
Acenaphthene	70 J	ug/kg	280	05-JUN-02 20:00	EPA 8270	02-011-2013
Fluorene	75 J	ug/kg	280	05-JUN-02 20:00	EPA 8270	02-011-2013
Phenanthrene	740	ug/kg	280	05-JUN-02 20:00	EPA 8270	02-011-2013
Anthracene	180 J	ug/kg	280	05-JUN-02 20:00	EPA 8270	02-011-2013
Fluoranthene	1100	ug/kg	280	05-JUN-02 20:00	EPA 8270	02-011-2013
Pyrene	1600	ug/kg	280	05-JUN-02 20:00	EPA 8270	02-011-2013
Benzo(a)anthracene	540	ug/kg	280	05-JUN-02 20:00	EPA 8270	02-011-2013
Chrysene	640	ug/kg	280	05-JUN-02 20:00	EPA 8270	02-011-2013
Benzo(b)fluoranthene	920	ug/kg	280	05-JUN-02 20:00	EPA 8270	02-011-2013
Benzo(k)fluoranthene	280	ug/kg	280	05-JUN-02 20:00	EPA 8270	02-011-2013
Benzo(a)pyrene	510	ug/kg	280	05-JUN-02 20:00	EPA 8270	02-011-2013
Indeno(1,2,3-cd)pyrene	280 J	ug/kg	280	05-JUN-02 20:00	EPA 8270	02-011-2013
Dibenzo(a,h)anthracene	U	ug/kg	280	05-JUN-02 20:00	EPA 8270	02-011-2013
Benzo(g,h,i)perylene	280 J	ug/kg	280	05-JUN-02 20:00	EPA 8270	02-011-2013
Extraction Information:				04-JUN-02 00:00		02-031-61
Surrogate Recovery:						
Nitrobenzene-d5	41	%				02-011-2013
2-Fluorobiphenyl	44	%				02-011-2013
Terphenyl-d14	64	%				02-011-2013

Analysis Comment: Results Calculated on a dry weight basis. Int std 6 recovery below limit.

Results calculated on a dry weight basis.

Report Comment: Temperature upon receipt at lab, 11 degrees C.

Approved by:

Lab Director

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NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 26-JUN-2002

Lab Sample ID: L88606-17

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE 02-007
Origin: 02-16-0/-1'
Description: GRAB
Sampled On: 22-MAY-02 11:05 by CLIENT
Date Received: 24-MAY-02 12:25
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	88.7	%		28-MAY-02 00:00	CLP 3.0	02-066-3
EPA 8082						
PCB 1016	U	ug/kg	110	04-JUN-02 15:04	EPA 8082	02-004-9377
PCB 1221	U	ug/kg	230	04-JUN-02 15:04	EPA 8082	02-004-9377
PCB 1232	U	ug/kg	110	04-JUN-02 15:04	EPA 8082	02-004-9377
PCB 1242	U	ug/kg	110	04-JUN-02 15:04	EPA 8082	02-004-9377
PCB 1248	U	ug/kg	110	04-JUN-02 15:04	EPA 8082	02-004-9377
PCB 1254	U	ug/kg	110	04-JUN-02 15:04	EPA 8082	02-004-9377
PCB 1260	U	ug/kg	110	04-JUN-02 15:04	EPA 8082	02-004-9377

Extraction Information:

				31-MAY-02 00:00	EPA 3550	02-044-24
Surrogate Recovery:						
Tetrachloro-m-xylene	135	%				02-004-9377

Results calculated on a dry weight basis.

Report Comment: Temperature upon receipt at lab, 11 degrees C.

Approved by: 
Lab Director

Page 1 of 1
NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC 

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 26-JUN-2002

Lab Sample ID: L88606-18

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE 02-007
Origin: 02-13-0'-2'
Description: GRAB
Sampled On: 22-MAY-02 10:35 by CLIENT
Date Received: 24-MAY-02 12:25
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	78.7	%		28-MAY-02 00:00	CLP 3.0	02-066-3
Arsenic	5.43	mg/kg	0.629	31-MAY-02 17:48	EPA 6020	02-020-27
Chromium	11.3	mg/kg	1.10	29-MAY-02 06:06	EPA 6010	02-021-08
Lead	473	mg/kg	4.82	31-MAY-02 02:42	EPA 6010	02-021-09
Mercury	0.141	mg/kg	0.0610	29-MAY-02 00:00	EPA 7470	01-002-58

Results calculated on a dry weight basis.

Report Comment: Temperature upon receipt at lab, 11 degrees C.

Approved by:

Lab Director

Page 1 of 1

NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC

Y: ND or U = None Detected

< = less than

ug/L = micrograms per liter (equivalent to parts per billion)

mg/L = milligram per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 26-JUN-2002

Lab Sample ID: L88606-19

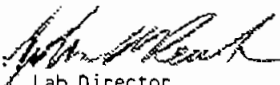
SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE 02-007
Origin: 02-14-0'-2'
Description: GRAB
Sampled On: 22-MAY-02 10:45 by CLIENT
Date Received: 24-MAY-02 12:25
P.O. No: 02-007-001

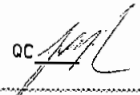
Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	83.1	%		28-MAY-02 00:00	CLP 3.0	02-066-3
Arsenic	9.39	mg/kg	0.576	31-MAY-02 18:06	EPA 6020	02-020-27
Chromium	15.4	mg/kg	1.07	29-MAY-02 06:09	EPA 6010	02-021-08
Lead	1320	mg/kg	4.69	31-MAY-02 02:45	EPA 6010	02-021-09
Mercury	4.5	mg/kg	0.2350	29-MAY-02 00:00	EPA 7470	01-002-58

Results calculated on a dry weight basis.

Report Comment: Temperature upon receipt at Lab, 11 degrees C.

Approved by: 
Lab Director

Page 1 of 1
NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC 

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 26-JUN-2002

Lab Sample ID: L88606-20

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE 02-007
Origin: 02-19-0'-2'
Description: GRAB
Sampled On: 22-MAY-02 12:40 by CLIENT
Date Received: 24-MAY-02 12:25
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	80.8	%		28-MAY-02 00:00	CLP 3.0	02-066-3
Arsenic	5.4	mg/kg	0.599	31-MAY-02 18:16	EPA 6020	02-020-27
Chromium	11.4	mg/kg	0.968	29-MAY-02 06:12	EPA 6010	02-021-08
Lead	138	mg/kg	4.26	31-MAY-02 02:48	EPA 6010	02-021-09
Mercury	1.6	mg/kg	0.0500	29-MAY-02 00:00	EPA 7470	01-002-58

Results calculated on a dry weight basis.

Report Comment: Temperature upon receipt at lab, 11 degrees C.

Approved by:

Lab Director

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NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC

Y: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
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TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 26-JUN-2002

Lab Sample ID: L88606-21

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE 02-007
Origin: 02-17-01-21
Description: GRAB
Sampled On: 22-MAY-02 11:15 by CLIENT
Date Received: 24-MAY-02 12:25
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	89.8	%		28-MAY-02 00:00	CLP 3.0	02-066-3
Arsenic	3.29	mg/kg	0.453	31-MAY-02 18:25	EPA 6020	02-020-27
Chromium	4.8	mg/kg	0.994	29-MAY-02 06:21	EPA 6010	02-021-08
Lead	30.4	mg/kg	4.37	31-MAY-02 02:51	EPA 6010	02-021-09
Mercury	0.096	mg/kg	0.0440	29-MAY-02 00:00	EPA 7470	01-002-58
EPA 8270						
Naphthalene	U	ug/kg	280	04-JUN-02 19:15	EPA 8270	02-011-2002
Acenaphthylene	U	ug/kg	280	04-JUN-02 19:15	EPA 8270	02-011-2002
Acenaphthene	U	ug/kg	280	04-JUN-02 19:15	EPA 8270	02-011-2002
Fluorene	U	ug/kg	280	04-JUN-02 19:15	EPA 8270	02-011-2002
Phenanthrene	160 J	ug/kg	280	04-JUN-02 19:15	EPA 8270	02-011-2002
Anthracene	U	ug/kg	280	04-JUN-02 19:15	EPA 8270	02-011-2002
Fluoranthene	230 J	ug/kg	280	04-JUN-02 19:15	EPA 8270	02-011-2002
Pyrene	240 J	ug/kg	280	04-JUN-02 19:15	EPA 8270	02-011-2002
Benzo(a)anthracene	190 J	ug/kg	280	04-JUN-02 19:15	EPA 8270	02-011-2002
Chrysene	280 J	ug/kg	280	04-JUN-02 19:15	EPA 8270	02-011-2002
Benzo(b)fluoranthene	470	ug/kg	280	04-JUN-02 19:15	EPA 8270	02-011-2002
Benzo(k)fluoranthene	U	ug/kg	280	04-JUN-02 19:15	EPA 8270	02-011-2002
Benzo(a)pyrene	270 J	ug/kg	280	04-JUN-02 19:15	EPA 8270	02-011-2002
Indeno(1,2,3-cd)pyrene	160 J	ug/kg	280	04-JUN-02 19:15	EPA 8270	02-011-2002
Dibenzo(a,h)anthracene	U	ug/kg	280	04-JUN-02 19:15	EPA 8270	02-011-2002
Benzo(g,h,i)perylene	U	ug/kg	280	04-JUN-02 19:15	EPA 8270	02-011-2002

Extraction Information:

04-JUN-02 00:00

02-031-61

Surrogate Recovery:

Nitrobenzene-d5	78	%				02-011-2002
2-Fluorobiphenyl	85	%				02-011-2002
Terphenyl-d14	80	%				02-011-2002

Analysis Comment: Results Calculated on a dry weight basis.

Results calculated on a dry weight basis.

Report Comment: Temperature upon receipt at lab, 11 degrees C.

Approved by:

Lab Director

Page 1 of 1
NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 26-JUN-2002

Lab Sample ID: L88606-22

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE 02-007
Origin: 02-20-0'-2'
Description: GRAB
Sampled On: 22-MAY-02 12:50 by CLIENT
Date Received: 24-MAY-02 12:25
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	89.1	%		28-MAY-02 00:00	CLP 3.0	02-066-3
Arsenic	8.11	mg/kg	0.507	31-MAY-02 18:34	EPA 6020	02-020-27
Chromium	19	mg/kg	1.02	29-MAY-02 06:24	EPA 6010	02-021-08
Lead	1710	mg/kg	4.48	31-MAY-02 02:54	EPA 6010	02-021-09
Mercury	0.36	mg/kg	0.0510	29-MAY-02 00:00	EPA 7470	01-002-58

Results calculated on a dry weight basis.

Report Comment: Temperature upon receipt at lab, 11 degrees C.

Approved by: 

Lab Director

Page 1 of 1

NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC 

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TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 26-JUN-2002

Lab Sample ID: L88606-23

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE 02-007
Origin: 02-21-0'-2'
Description: GRAB
Sampled On: 22-MAY-02 13:00 by CLIENT
Date Received: 24-MAY-02 12:25
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	91.3	%		28-MAY-02 00:00	CLP 3.0	02-066-3
Arsenic	4.42	mg/kg	0.521	31-MAY-02 18:53	EPA 6020	02-020-27
Chromium	15.9	mg/kg	0.921	31-MAY-02 02:57	EPA 6010	02-021-09
Lead	164	mg/kg	4.05	31-MAY-02 02:57	EPA 6010	02-021-09
Mercury	0.38	mg/kg	0.0490	29-MAY-02 00:00	EPA 7470	01-002-58

Results calculated on a dry weight basis.

Report Comment: Temperature upon receipt at lab, 11 degrees C.

Approved by:

Lab Director

Page 1 of 1

NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC

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B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 26-JUN-2002

Lab Sample ID: L88606-24

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE 02-007
Origin: 02-22-0'-2'
Description: GRAB
Sampled On: 22-MAY-02 13:10 by CLIENT
Date Received: 24-MAY-02 12:25
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	93.2	%		28-MAY-02 00:00	CLP 3.0	02-066-3
Arsenic	4.5	mg/kg	0.420	31-MAY-02 19:11	EPA 6020	02-020-27
Chromium	310	mg/kg	1.01	29-MAY-02 06:32	EPA 6010	02-021-08
Lead	137	mg/kg	4.43	04-JUN-02 04:23	EPA 6010	02-021-10
Mercury	U	mg/kg	0.0480	29-MAY-02 00:00	EPA 7470	01-002-58

Results calculated on a dry weight basis.

Report Comment: Temperature upon receipt at lab, 11 degrees C.

Approved by:

Lab Director

Page 1 of 1

NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 26-JUN-2002

Lab Sample ID: L88606-25

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE 02-007
Origin: 02-22-4'-8'
Description: GRAB
Sampled On: 22-MAY-02 13:10 by CLIENT
Date Received: 24-MAY-02 12:25
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	58.4	%		28-MAY-02 00:00	CLP 3.0	02-066-3
Arsenic	9.59	mg/kg	0.707	31-MAY-02 19:20	EPA 6020	02-020-27
Chromium	36.1	mg/kg	1.69	29-MAY-02 06:35	EPA 6010	02-021-08
Lead	745	mg/kg	7.44	04-JUN-02 04:26	EPA 6010	02-021-10
Mercury	0.85	mg/kg	0.0770	29-MAY-02 00:00	EPA 7470	01-002-58

Results calculated on a dry weight basis.

Report Comment: Temperature upon receipt at lab, 11 degrees C.

Approved by:

Lab Director

Page 1 of 1

NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC

Y: ND or U = None Detected

< = less than

ug/L = micrograms per liter (equivalent to parts per billion)

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 26-JUN-2002

Lab Sample ID: L88606-26

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE 02-007
Origin: 02-18-0'-2'
Description: GRAB
Sampled On: 22-MAY-02 11:25 by CLIENT
Date Received: 24-MAY-02 12:25
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	82.8	%		28-MAY-02 00:00	CLP 3.0	02-066-3
EPA 8270						
Naphthalene	U	ug/kg	300	03-JUN-02 16:34	EPA 8270	02-011-1984
Acenaphthylene	U	ug/kg	300	03-JUN-02 16:34	EPA 8270	02-011-1984
Acenaphthene	U	ug/kg	300	03-JUN-02 16:34	EPA 8270	02-011-1984
Fluorene	U	ug/kg	300	03-JUN-02 16:34	EPA 8270	02-011-1984
Phenanthrene	U	ug/kg	300	03-JUN-02 16:34	EPA 8270	02-011-1984
Anthracene	U	ug/kg	300	03-JUN-02 16:34	EPA 8270	02-011-1984
Fluoranthene	U	ug/kg	300	03-JUN-02 16:34	EPA 8270	02-011-1984
Pyrene	U	ug/kg	300	03-JUN-02 16:34	EPA 8270	02-011-1984
Benzo(a)anthracene	U	ug/kg	300	03-JUN-02 16:34	EPA 8270	02-011-1984
Chrysene	U	ug/kg	300	03-JUN-02 16:34	EPA 8270	02-011-1984
Benzo(b)fluoranthene	U	ug/kg	300	03-JUN-02 16:34	EPA 8270	02-011-1984
Benzo(k)fluoranthene	U	ug/kg	300	03-JUN-02 16:34	EPA 8270	02-011-1984
Benzo(a)pyrene	U	ug/kg	300	03-JUN-02 16:34	EPA 8270	02-011-1984
Indeno(1,2,3-cd)pyrene	U	ug/kg	300	03-JUN-02 16:34	EPA 8270	02-011-1984
Dibenzo(a,h)anthracene	U	ug/kg	300	03-JUN-02 16:34	EPA 8270	02-011-1984
benzo(g,h,i)perylene	U	ug/kg	300	03-JUN-02 16:34	EPA 8270	02-011-1984

Extraction Information:

Surrogate Recovery:				30-MAY-02 00:00	EPA 3550	02-031-60
Nitrobenzene-d5	73	%				02-011-1984
2-Fluorobiphenyl	82	%				02-011-1984
Terphenyl-d14	78	%				02-011-1984

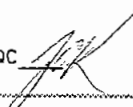
Analysis Comment: Results Calculated on a dry weight basis.

Results calculated on a dry weight basis.

Report Comment: Temperature upon receipt at lab, 11 degrees C.

Approved by: 
Lab Director

Page 1 of 1
NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC 

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 26-JUN-2002

Lab Sample ID: L88606-27

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE 02-007
Origin: 02-19-0'-2'
Description: GRAB
Sampled On: 22-MAY-02 12:40 by CLIENT
Date Received: 24-MAY-02 12:25
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	82.4	%		28-MAY-02 00:00	CLP 3.0	02-066-3
EPA 8270						
Naphthalene	U	ug/kg	300	03-JUN-02 18:15	EPA 8270	02-011-1986
Acenaphthylene	U	ug/kg	300	03-JUN-02 18:15	EPA 8270	02-011-1986
Acenaphthene	U	ug/kg	300	03-JUN-02 18:15	EPA 8270	02-011-1986
Fluorene	U	ug/kg	300	03-JUN-02 18:15	EPA 8270	02-011-1986
Phenanthrene	110 J	ug/kg	300	03-JUN-02 18:15	EPA 8270	02-011-1986
Anthracene	U	ug/kg	300	03-JUN-02 18:15	EPA 8270	02-011-1986
Fluoranthene	U	ug/kg	300	03-JUN-02 18:15	EPA 8270	02-011-1986
Pyrene	U	ug/kg	300	03-JUN-02 18:15	EPA 8270	02-011-1986
Benzo(a)anthracene	U	ug/kg	300	03-JUN-02 18:15	EPA 8270	02-011-1986
Chrysene	U	ug/kg	300	03-JUN-02 18:15	EPA 8270	02-011-1986
Benzo(b)fluoranthene	87 J	ug/kg	300	03-JUN-02 18:15	EPA 8270	02-011-1986
Benzo(k)fluoranthene	U	ug/kg	300	03-JUN-02 18:15	EPA 8270	02-011-1986
Benzo(a)pyrene	68 J	ug/kg	300	03-JUN-02 18:15	EPA 8270	02-011-1986
Indeno(1,2,3-cd)pyrene	U	ug/kg	300	03-JUN-02 18:15	EPA 8270	02-011-1986
Dibenzo(a,h)anthracene	U	ug/kg	300	03-JUN-02 18:15	EPA 8270	02-011-1986
benzo(g,h,i)perylene	U	ug/kg	300	03-JUN-02 18:15	EPA 8270	02-011-1986

Extraction Information:

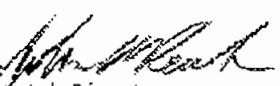
Surrogate Recovery:

Nitrobenzene-d5	77	%	02-011-1986
2-Fluorobiphenyl	86	%	02-011-1986
Terphenyl-d14	82	%	02-011-1986

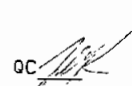
Analysis Comment: Results Calculated on a dry weight basis.

Results calculated on a dry weight basis.

Report Comment: Temperature upon receipt at lab, 11 degrees C.

Approved by: 
Lab Director

Page 1 of 1
NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC 

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 26-JUN-2002

Lab Sample ID: L88606-28

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE 02-007
Origin: 02-21-0'-1'
Description: GRAB
Sampled On: 22-MAY-02 13:00 by CLIENT
Date Received: 24-MAY-02 12:25
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	84.5	%		28-MAY-02 00:00	CLP 3.0	02-066-3
EPA 8082						
PCB 1016	U	ug/kg	120	04-JUN-02 15:35	EPA 8082	02-004-9378
PCB 1221	U	ug/kg	240	04-JUN-02 15:35	EPA 8082	02-004-9378
PCB 1232	U	ug/kg	120	04-JUN-02 15:35	EPA 8082	02-004-9378
PCB 1242	U	ug/kg	120	04-JUN-02 15:35	EPA 8082	02-004-9378
PCB 1248	U	ug/kg	120	04-JUN-02 15:35	EPA 8082	02-004-9378
PCB 1254	U	ug/kg	120	04-JUN-02 15:35	EPA 8082	02-004-9378
PCB 1260	U	ug/kg	120	04-JUN-02 15:35	EPA 8082	02-004-9378
Extraction Information:				31-MAY-02 00:00	EPA 3550	02-044-24
Surrogate Recovery: Tetrachloro-m-xylene	131	%				02-004-9378

Results calculated on a dry weight basis.

Report Comment: Temperature upon receipt at lab, 11 degrees C.

Approved by:

Lab Director

Page 1 of 1

NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 26-JUN-2002

Lab Sample ID: L88606-29

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE 02-007
Origin: 02-22-0'-2'
Description: GRAB
Sampled On: 22-MAY-02 13:10 by CLIENT
Date Received: 24-MAY-02 12:25
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	95.3	%		28-MAY-02 00:00	CLP 3.0	02-066-3
EPA 8270						
Naphthalene	U	ug/kg	260	03-JUN-02 19:06	EPA 8270	02-011-1987
Acenaphthylene	U	ug/kg	260	03-JUN-02 19:06	EPA 8270	02-011-1987
Acenaphthene	U	ug/kg	260	03-JUN-02 19:06	EPA 8270	02-011-1987
Fluorene	U	ug/kg	260	03-JUN-02 19:06	EPA 8270	02-011-1987
Phenanthrene	58 J	ug/kg	260	03-JUN-02 19:06	EPA 8270	02-011-1987
Anthracene	U	ug/kg	260	03-JUN-02 19:06	EPA 8270	02-011-1987
Fluoranthene	U	ug/kg	260	03-JUN-02 19:06	EPA 8270	02-011-1987
Pyrene	U	ug/kg	260	03-JUN-02 19:06	EPA 8270	02-011-1987
Benzo(a)anthracene	88 J	ug/kg	260	03-JUN-02 19:06	EPA 8270	02-011-1987
Chrysene	110 J	ug/kg	260	03-JUN-02 19:06	EPA 8270	02-011-1987
Benzo(b)fluoranthene	160 J	ug/kg	260	03-JUN-02 19:06	EPA 8270	02-011-1987
Benzo(k)fluoranthene	U	ug/kg	260	03-JUN-02 19:06	EPA 8270	02-011-1987
Benzo(a)pyrene	100 J	ug/kg	260	03-JUN-02 19:06	EPA 8270	02-011-1987
Indeno(1,2,3-cd)pyrene	U	ug/kg	260	03-JUN-02 19:06	EPA 8270	02-011-1987
Dibenzo(a,h)anthracene	U	ug/kg	260	03-JUN-02 19:06	EPA 8270	02-011-1987
benzo(g,h,i)perylene	U	ug/kg	260	03-JUN-02 19:06	EPA 8270	02-011-1987

Extraction Information:

Surrogate Recovery:

Nitrobenzene-d5	64	%	02-011-1987
2-Fluorobiphenyl	82	%	02-011-1987
Terphenyl-d14	83	%	02-011-1987

Analysis Comment: Results Calculated on a dry weight basis.

Results calculated on a dry weight basis.

Report Comment: Temperature upon receipt at lab, 11 degrees C.

Approved by:

Lab Director

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QC

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 26-JUN-2002

Lab Sample ID: L88606-30

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE 02-007
Origin: 02-23-0'-2'
Description: GRAB
Sampled On: 22-MAY-02 13:20 by CLIENT
Date Received: 24-MAY-02 12:25
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	77.9	%		28-MAY-02 00:00	CLP 3.0	02-066-3
Arsenic	4.4	mg/kg	0.633	31-MAY-02 19:39	EPA 6020	02-020-27
Chromium	9.23	mg/kg	0.989	29-MAY-02 06:38	EPA 6010	02-021-08
Lead	81.2	mg/kg	4.35	04-JUN-02 04:29	EPA 6010	02-021-10
Mercury	0.47	mg/kg	0.0610	29-MAY-02 00:00	EPA 7470	01-002-58

Results calculated on a dry weight basis.

Report Comment: Temperature upon receipt at lab, 11 degrees C.

Approved by:

Lab Director

Page 1 of 1
NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC

Y: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
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ONE RESEARCH CIRCLE
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WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 26-JUN-2002

Lab Sample ID: L88606-31

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE 02-007
Origin: 02-24-01-21
Description: GRAB
Sampled On: 22-MAY-02 13:30 by CLIENT
Date Received: 24-MAY-02 12:25
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	84.2	%		28-MAY-02 00:00	CLP 3.0	02-066-3
Arsenic	10.3	mg/kg	0.539	31-MAY-02 19:52	EPA 6020	02-020-27
Chromium	15.7	mg/kg	1.07	04-JUN-02 04:32	EPA 6010	02-021-10
Lead	659	mg/kg	4.73	04-JUN-02 04:32	EPA 6010	02-021-10
Mercury	1.11	mg/kg	0.0540	29-MAY-02 00:00	EPA 7470	01-002-58

Results calculated on a dry weight basis.

Report Comment: Temperature upon receipt at lab, 11 degrees C.

Approved by:

Lab Director

Page 1 of 1

NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 26-JUN-2002

Lab Sample ID: L88606-32

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE 02-007
Origin: 02-25-0'-2'
Description: GRAB
Sampled On: 22-MAY-02 13:40 by CLIENT
Date Received: 24-MAY-02 12:25
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	86.9	%		28-MAY-02 00:00	CLP 3.0	02-066-3
Arsenic	4.14	mg/kg	0.525	31-MAY-02 20:38	EPA 6020	02-020-27
Chromium	7.34	mg/kg	0.971	29-MAY-02 06:59	EPA 6010	02-021-08
Lead	109	mg/kg	4.27	04-JUN-02 04:44	EPA 6010	02-021-10
Mercury	0.27	mg/kg	0.0560	29-MAY-02 00:00	EPA 7470	01-002-58

Results calculated on a dry weight basis.

Report Comment: Temperature upon receipt at lab, 11 degrees C.

Approved by:

Lab Director

Page 1 of 1

NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC

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TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 26-JUN-2002

Lab Sample ID: L88606-33

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE 02-007
Origin: 02-26-01-2
Description: GRAB
Sampled On: 22-MAY-02 13:50 by CLIENT
Date Received: 24-MAY-02 12:25
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	93.1	%		28-MAY-02 00:00	CLP 3.0	02-066-3
Arsenic	6.12	mg/kg	0.455	31-MAY-02 20:48	EPA 6020	02-020-27
Chromium	9.26	mg/kg	0.946	29-MAY-02 07:02	EPA 6010	02-021-08
Lead	69.3	mg/kg	4.16	04-JUN-02 03:36	EPA 6010	02-021-10
Mercury	U	mg/kg	0.0530	29-MAY-02 00:00	EPA 7470	01-002-58

Results calculated on a dry weight basis.

Report Comment: Temperature upon receipt at lab, 11 degrees C.

Approved by:

Lab Director

Page 1 of 1

NY 10252 NJ 73168 PA 68180 EPA NY 00033

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 26-JUN-2002

Lab Sample ID: L88606-34

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE 02-007
Origin: 02-24-0'-1'
Description: GRAB
Sampled On: 22-MAY-02 13:30 by CLIENT
Date Received: 24-MAY-02 12:25
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	81.8	%		28-MAY-02 00:00	CLP 3.0	02-066-3
EPA 8082						
PCB 1016	U	ug/kg	120	04-JUN-02 16:07	EPA 8082	02-004-9379
PCB 1221	U	ug/kg	240	04-JUN-02 16:07	EPA 8082	02-004-9379
PCB 1232	U	ug/kg	120	04-JUN-02 16:07	EPA 8082	02-004-9379
PCB 1242	U	ug/kg	120	04-JUN-02 16:07	EPA 8082	02-004-9379
PCB 1248	U	ug/kg	120	04-JUN-02 16:07	EPA 8082	02-004-9379
PCB 1254	U	ug/kg	120	04-JUN-02 16:07	EPA 8082	02-004-9379
PCB 1260	U	ug/kg	120	04-JUN-02 16:07	EPA 8082	02-004-9379
Extraction Information:				31-MAY-02 00:00	EPA 3550	02-044-24
Surrogate Recovery: Tetrachloro-m-xylene	144	%				02-004-9379

Results calculated on a dry weight basis.

Report Comment: Temperature upon receipt at lab, 11 degrees C.

Approved by:

Lab Director

Page 1 of 1
NY 10252 NJ 73168 PA 68180 EPA NY 00033

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 26-JUN-2002

Lab Sample ID: L88606-35

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE 02-007
Origin: 02-4-01-21
Description: SUPPLEMENT TO L88606-5
Sampled On: 22-MAY-02 08:50 by CLIENT
Date Received: 24-MAY-02 12:25
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Lead	0.521	mg/l	0.440	18-JUN-02 02:06	EPA 6010 TCLP	02-055-04
Mercury	U	mg/l	0.0100	25-JUN-02 00:00	EPA 7470 TCLP	01-002-62

Results calculated on a dry weight basis.

Report Comment: Temperature upon receipt at lab, 11 degrees C.

Approved by:

Lab Director

Page 1 of 1

NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 26-JUN-2002

Lab Sample ID: L88606-36

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE 02-007
Origin: 02-7-0/-2/
Description: SUPPLEMENT TO L88606-8
Sampled On: 22-MAY-02 09:25 by CLIENT
Date Received: 24-MAY-02 12:25
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Lead	1.76	mg/L	0.440	18-JUN-02 02:09	EPA 6010 TCLP	02-055-04

Results calculated on a dry weight basis.

Report Comment: Temperature upon receipt at lab, 11 degrees C.

Approved by:

Lab Director

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NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC

EY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligram per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

The information in this report is accurate to the best of our knowledge and ability. In no event shall our liability exceed the cost for these services. Your samples will be discarded after 14 days unless we are advised otherwise.

"Our family, caring about your analytical needs . . . Since 1963."

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ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 26-JUN-2002

Lab Sample ID: L88606-37

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE 02-007
Origin: 02-9-0/-2/
Description: SUPPLEMENT TO L88606-10
Sampled On: 22-MAY-02 09:50 by CLIENT
Date Received: 24-MAY-02 12:25
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Chromium	U	mg/L	0.100	18-JUN-02 02:12	EPA 6010 TCLP	02-055-04

Results calculated on a dry weight basis.

Report Comment: Temperature upon receipt at lab, 11 degrees C.

Approved by:

Lab Director

Page 1 of 1

NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC

NY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligram per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

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Now A Member of the Microbac Laboratory Family.



ONE RESEARCH CIRCLE
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 26-JUN-2002

Lab Sample ID: L88606-38

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVENUE 02-007
Origin: 02-9-0'-2'
Description: SUPPLEMENT TO L88606-22
Sampled On: 22-MAY-02 09:50 by CLIENT
Date Received: 24-MAY-02 12:25
P.O. No: 02-007-001

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Lead	U	mg/L	0.440	25-JUN-02 01:19	EPA 6010 TCLP	02-055-06

Results calculated on a dry weight basis.

Report Comment: Temperature upon receipt at lab, 11 degrees C.

Approved by:

Lab Director

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NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC

EY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligram per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

The information in this report is accurate to the best of our knowledge and ability. In no event shall our liability exceed the cost for these services. Your samples will be discarded after 14 days unless we are advised otherwise.

"Our family, caring about your analytical needs . . . Since 1963."

Now A Member of the Microbac Laboratory Family.

OCTOBER 2002

INTERIM REMEDIAL MEASURE



December 19, 2002

Mr. James Blasting
InteGreyted Consultants, LLC
Syracuse Operations
104 Jamesville Road
Syracuse, New York 13214

Re: Data Validation Report
Richmond Avenue Project
Soil Samples Collected October 2002
InteGreyted Project No. 02-007

Dear Mr. Blasting:

The data validation summaries and data usability summary reports for the Richmond Avenue project are attached to this letter. The data for Friend Laboratory, Inc., SDG numbers RICHMON1 and RICHMON2, were acceptable with minor issues that are identified in the validation summaries. There were no data that were flagged as unusable (R) in these data packs.

Based on the validation criteria for surrogate recovery data, there was one semi-volatile sample AREA LE for which the "not detected" results should have been flagged as unusable (R). Alpha used the associated MS/MSD data to determine that the "not detected" data was usable, but the reported value is associated with a higher level of uncertainty than is normally expected. The data for sample AREA LE was flagged estimated (J), rather than rejected.

A list of data validation acronyms and data qualifiers is attached to assist you in interpreting the data validation reviews. If you have any questions concerning the work performed, please contact me at (518) 783-1805. Thank you for the opportunity to assist InteGreyted Consultants, LLC.

Sincerely,
Alpha Environmental Consultants, Inc.

A handwritten signature in cursive script that reads "Donald Anné".

Donald Anné
Senior Chemist

DCA:dca
attachments

\\server\\main station\\alpha e\\data\\02504-richmond\\blasting.lt3

Data Validation Qualifiers Used in the QA/QC Reviews for USEPA Region II

- U = Not detected. The associated number indicates the approximate sample concentration necessary to be detected significantly greater than the level of the highest associated blank.
- R = Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.
- N = Tentative identification. Analyte is considered present. Special methods may be needed to confirm its presence or absence during future sampling efforts.
- J = Analyte is present. Reported value may be associated with a higher level of uncertainty than is normally expected with the analytical method.
- UJ = Not detected, quantitation limit may be inaccurate or imprecise.

Note: These qualifiers are used for data validation purposes. The data validation qualifiers may differ from the qualifiers that the laboratory assigns to the data. Refer to the laboratory analytical report for the definitions of the laboratory qualifiers.

Data Validation Acronyms

AA	Atomic absorption, flame technique
BHC	Hexachlorocyclohexane
BFB	Bromofluorobenzene
CCB	Continuing calibration blank
CCC	Calibration check compound
CCV	Continuing calibration verification
CN	Cyanide
CRDL	Contract required detection limit
CRQL	Contract required quantitation limit
CVAA	Atomic adsorption, cold vapor technique
DCAA	2,4-Dichlophenylacetic acid
DCB	Decachlorobiphenyl
DFTPP	Decafluorotriphenyl phosphine
ECD	Electron capture detector
FAA	Atomic absorption, furnace technique
FID	Flame ionization detector
FNP	1-Fluoronaphthalene
GC	Gas chromatography
GC/MS	Gas chromatography/mass spectrometry
GPC	Gel permeation chromatography
ICB	Initial calibration blank
ICP	Inductively coupled plasma-atomic emission spectrometer
ICV	Initial calibration verification
IDL	Instrument detection limit
IS	Internal standard
LCS	Laboratory control sample
LCS/LCSD	Laboratory control sample/laboratory control sample duplicate
MSA	Method of standard additions
MS/MSD	Matrix spike/matrix spike duplicate
PID	Photo ionization detector
PCB	Polychlorinated biphenyl
PCDD	Polychlorinated dibenzodioxins
PCDF	Polychlorinated dibenzofurans
QA	Quality assurance
QC	Quality control
RF	Response factor
RPD	Relative percent difference
RRF	Relative response factor
RRF(number)	Relative response factor at concentration of the number following
RT	Retention time
RRT	Relative retention time
SDG	Sample delivery group
SPCC	System performance check compound
TCX	Tetrachloro-m-xylene
%D	Percent difference
%R	Percent recovery
%RSD	Percent relative standard deviation



Data Validation

Environmental Chemistry

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Sampling Plans

**Data Usability Summary Report
for Friend Laboratory, Inc.
SDG: RICHMON1
Soil Collected on October 23, 2002
InteGreyted Project No. 02-007**

Prepared by: Donald Anné
December 19, 2002

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete.

The overall performances of the analyses are acceptable, with Friend Laboratory, Inc. fulfilling the analytical requirements of ASP. The samples were analyzed within SW-846 holding times for soils. The data are acceptable with some problems that are identified in the validation summaries.

The following reported results were flagged:

- Lead results were flagged as estimates (J) due to relative percent differences for the duplicate sample that were greater than the allowable maximum.
- Silver results were flagged as estimates (J) due to percent recoveries for the CRDL samples that were outside control limits.
- Barium and chromium results were flagged as estimates (J) due to percent recoveries for the spike samples that were outside control limits.

Only data flagged "R" should be considered unusable and all other data is usable; however, estimated (J) data is associated with a higher level of quantitative uncertainty than is normally associated with the analytical method. Additional information regarding data quality is included in the QA/QC reviews. The QA/QC reviews outline the parameters that were checked, the results, and the action taken on the data.



QA/QC Review of 8021 Volatiles Data
for Friend Laboratory, Inc.
SDG: RICHMON1
Soil Collected on October 23, 2002
InteGreyted Project No. 02-007

Prepared by: Donald Anné
December 19, 2002

Holding Times: Samples were analyzed within SW-846 holding times for soils.

Initial Calibration: The average RRFs for ethylbenzene and 1,2,4-trimethylbenzene were above the allowable minimum (0.050) and the %RSDs were below the allowable maximum (20%), as required.

Continuing Calibration: The RRF50s for ethylbenzene and 1,2,4-trimethylbenzene were above the allowable minimum (0.050) and the %RSDs were below the allowable maximum (15%), as required.

Blanks: The analyses of the method blanks reported ethylbenzene and 1,2,4-trimethylbenzene as not detected.

Internal Standard Area Summary: The internal standard areas and retention times were within laboratory QC limits.

Surrogate Recovery: The surrogate recoveries for environmental samples were within control limits.

Matrix Spike/Matrix Spike Duplicate: The percent recoveries were within control limits, but one of two relative percent differences was below the allowable maximum for MS/MSD sample AREA E2. No action is taken on MS/MSD data alone to qualify or reject an entire set of samples.

Laboratory Control Sample: The percent recoveries for VBLKS1 and VBLKS2 were within QC limits.

Compound ID: Checked compounds and surrogates were within GC quantitation limits.

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Data Validation

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**QA/QC Review of Semi-Volatiles Data
for Friend Laboratory, Inc.
SDG: SLCRICH1
Soil Collected on October 23, 2002
InteGreyted Project No. 02-007**

Prepared by: Donald Anné
December 19, 2002

Holding Times: Samples were extracted and analyzed within SW-846 holding times for soils.

GC/MS Tuning and Mass Calibration: All DFTPP tuning criteria were within control limits.

Initial Calibration: The SPCCs and CCCs were within control limits, per method 8270.

The average RRFs for target compounds were above the allowable minimum (0.050) and %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The SPCCs and CCCs were within control limits, per method 8270.

The CCRFs for target compounds were above the allowable minimum (0.050) and the %Ds were below the allowable maximum (25%), as required.

Blanks: The analysis of the method blank reported target compounds as not detected.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Surrogate Recovery: The surrogate recoveries for samples were within control limits.

Matrix Spike/Matrix Spike Duplicate: Five of seven relative percent differences were above the allowable maximums and 4 of 14 %Rs (percent recoveries) were below control limits for MS/MSD sample AREA E2 DL. No action is taken on MS/MSD data alone to qualify or reject an entire set of samples.

Laboratory Control Sample: The percent recoveries for SBLK25 were within QC limits.

Compound ID: Checked compounds were within GC/MS quantitation limits. The respective mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

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Data Validation

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**QA/QC Review of TCLP Lead Data
for Friend Laboratory, Inc.
SDG: RICHMOND1
Soil Collected on October 23, 2002
InteGreyted Project No. 02-007**

Prepared by: Donald Anné
December 19, 2002

Holding Times: Samples were analyzed within SW-846 holding times for TCLP soils.

Initial and Continuing Calibration Verification: The percent recoveries for lead were within control limits (90-110%).

Blanks: The analyses of initial and continuing calibration, and preparation blanks reported lead as below the CRDL, as required.

ICP Interference Check Sample: The percent recoveries for lead were within control limits (80-120%).

Spike Sample Recovery: The percent recovery for lead (100.5%) was within control limits (75-125%) for spike sample AREA LN TCLP S. This data is from data pack RICHMOND2.

Duplicates: Duplicate data was not provided in this data pack.

Laboratory Control Sample: The percent recovery for lead (102.8%) was within control limits (80-120%) for the aqueous LCS.



Data Validation

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Sampling Plans

**QA/QC Review of Metals Data
for Friend Laboratory, Inc.
SDG: RICHMOND1
Soil Collected on October 23, 2002
InteGreyted Project No. 02-007**

Prepared by: Donald Anné
December 19, 2002

Holding Times: Samples were analyzed within SW-846 holding times for soils.

Initial and Continuing Calibration Verification: The percent recoveries for target metals that are associated with samples were within control limits (80-120% for mercury, 90-110% for all other metals).

CRDL Standard for AA and ICP: The percent recoveries for chromium (144.0%), silver (64.0% and 51.5%), and mercury (130%) were outside EPA Region II QC limits (80-120%). Positive results for chromium that are less than four times the CRDL and results for mercury that are less than two times the CRDL should be considered estimates (J). Results for silver that are less than four times the CRDL should be considered estimates (J).

Blanks: The analyses of initial and continuing calibration, and preparation blanks reported target metals as below the CRDL, as required.

ICP Interference Check Sample: The percent recoveries for target metals were within control limits (80-120%).

Spike Sample Recovery: The percent recoveries for barium (62.5%) and chromium (73.3%) were outside control limits (75-125%) for spike sample AREA E2 S. Results for barium and chromium should be considered estimates (J).

Duplicates: The relative percent difference for lead (39.2%) was above the allowable maximum (35%) for duplicate sample AREA E2 D. Positive results for lead should be considered estimates (J).

Laboratory Control Sample: The recoveries for target metals were within control limits for the soil LCS.

Metals Data
SDG: RICHMOND1

Standard Addition Results: No results were quantitated by MSA in this SDG.

ICP Serial Dilution: The %D for barium (10.7%) was above the allowable maximum (10%) for serial dilution sample AREA E1 L. Results for barium should be considered estimates (J) in applicable samples.

Instrument Detection Limits: All IDLs were at or below the CRDLs, as required, except lead by ICP. There were no sample results that were analyzed by ICP that reported lead as not detected.



Data Validation

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Sampling Plans

**Data Usability Summary Report
for Friend Laboratory, Inc.
SDG: RICHMON2
Soil Collected on October 31, 2002
InteGreyted Project No. 02-007**

Prepared by: Donald Anné
December 19, 2002

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete.

The overall performances of the analyses are acceptable, with Friend Laboratory, Inc. fulfilling the analytical requirements of ASP. The samples were analyzed within SW-846 holding times for soils. The data are acceptable with some problems that are identified in the validation summaries.

The following reported results were flagged:

- Silver results were flagged as estimates (J) due to percent recoveries for the CRDL samples that were outside control limits.
- Barium results were flagged as estimates (J) due to a percent recovery for the spike sample that was outside control limits.
- Semi-volatile results were flagged as estimates (J) due to surrogate recoveries for the samples that were outside control limits.

Only data flagged "R" should be considered unusable and all other data is usable; however, estimated (J) data is associated with a higher level of quantitative uncertainty than is normally associated with the analytical method. Additional information regarding data quality is included in the QA/QC reviews. The QA/QC reviews outline the parameters that were checked, the results, and the action taken on the data.



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**QA/QC Review of 8021 Volatiles Data
for Friend Laboratory, Inc.
SDG: RICHMON2
Soil Collected on October 31, 2002
InteGreyted Project No. 02-007**

Prepared by: Donald Anné
December 19, 2002

Holding Times: Samples were analyzed within SW-846 holding times for soils.

Initial Calibration: The average RRFs for ethylbenzene and 1,2,4-trimethylbenzene were above the allowable minimum (0.050) and the %RSDs were below the allowable maximum (20%), as required.

Continuing Calibration: The RRF50s for ethylbenzene and 1,2,4-trimethylbenzene were above the allowable minimum (0.050) and the %RSDs were below the allowable maximum (15%), as required.

Blanks: The analysis of the method blank reported ethylbenzene and 1,2,4-trimethylbenzene as not detected.

Internal Standard Area Summary: The internal standard areas and retention times were within laboratory QC limits.

Surrogate Recovery: The surrogate recoveries for environmental samples were within control limits.

Matrix Spike/Matrix Spike Duplicate: The percent recoveries were within control limits, but one of two relative percent differences was below the allowable maximum for MS/MSD sample AREA LE. No action is taken on MS/MSD data alone to qualify or reject an entire set of samples.

Laboratory Control Sample: The percent recoveries for VBLKS1 were within QC limits.

Compound ID: Checked compounds and surrogates were within GC quantitation limits.

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Data Validation

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Sampling Plans

**QA/QC Review of Semi-Volatiles Data
for Friend Laboratory, Inc.
SDG: SLCRICH2
Soil Collected on October 31, 2002
InteGreyted Project No. 02-007**

Prepared by: Donald Anné
December 19, 2002

Holding Times: Samples were extracted and analyzed within SW-846 holding times for soils.

GC/MS Tuning and Mass Calibration: All DFTPP tuning criteria were within control limits.

Initial Calibration: The SPCCs and CCCs were within control limits, per method 8270.

The average RRFs for target compounds were above the allowable minimum (0.050) and %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The SPCCs and CCCs were within control limits, per method 8270.

The CCRFs for target compounds were above the allowable minimum (0.050) and the %Ds were below the allowable maximum (25%), as required.

Blanks: The analysis of the method blank reported target compounds as not detected.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Surrogate Recovery: One of three base/neutral and 2 of 3 acid extractable surrogate recoveries for sample AREA LS were below control limits, but recoveries were greater than 10%. Acid extractable results for sample AREA LS should be considered estimates (J).

All base/neutral and acid extractable surrogate recoveries for samples AREA LE and AREA LE RE were below control limits and all were less than 10%. Positive results for samples AREA LE and AREA LE RE should be considered estimates (J) and negative results normally considered unusable (R); however, sample AREA LE was used as the MS/MSD sample and the percent recoveries were within control limits for the target compounds. The results for the MS/MSD demonstrated the laboratory's ability to detect the target compounds within the method precision and accuracy criteria. In consideration of the results for the MS/MSD samples, the results for sample AREA LE should be considered estimates (J).

Semi-Volatiles Data
SDG: RICHMON2

Matrix Spike/Matrix Spike Duplicate: The relative percent differences were below the allowable maximums and the percent recoveries were within control limits for MS/MSD sample AREA LE.

Laboratory Control Sample: The percent recoveries for SBLK28 were within QC limits.

Compound ID: Checked compounds were within GC/MS quantitation limits. The respective mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.



Data Validation

Environmental Chemistry

Lab and Field Audits

Sampling Plans

**QA/QC Review of TCLP Lead Data
for Friend Laboratory, Inc.
SDG: RICHMOND2
Soil Collected on October 31, 2002
InteGreyted Project No. 02-007**

Prepared by: Donald Anné
December 19, 2002

Holding Times: Samples were analyzed within SW-846 holding times for TCLP soils.

Initial and Continuing Calibration Verification: The percent recoveries for lead were within control limits (90-110%).

Blanks: The analyses of initial and continuing calibration, and preparation blanks reported lead as below the CRDL, as required.

ICP Interference Check Sample: The percent recoveries for lead were within control limits (80-120%).

Spike Sample Recovery: The percent recoveries for lead (100.5% and 107.6%) were within control limits (75-125%) for spike samples AREA LE TCLP S and AREA LN TCLP S.

Duplicates: Duplicate data was not provided in this data pack.

Laboratory Control Sample: The percent recovery for lead (102.8%) was within control limits (80-120%) for the aqueous LCS.



Data Validation

Environmental Chemistry

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Sampling Plans

**QA/QC Review of Metals Data
for Friend Laboratory, Inc.
SDG: RICHMOND2
Soil Collected on October 31, 2002
InteGreyted Project No. 02-007**

Prepared by: Donald Anné
December 19, 2002

Holding Times: Samples were analyzed within SW-846 holding times for soils.

Initial and Continuing Calibration Verification: The percent recoveries for target metals were within control limits (80-120% for mercury, 90-110% for all other metals).

CRDL Standard for AA and ICP: The percent recoveries for chromium (58.5% and 54.5%) and silver (40.0%) were below EPA Region II QC limits (80-120%). Results for chromium and silver that are less than four times the CRDL should be considered estimates (J).

Blanks: The analyses of initial and continuing calibration, and preparation blanks reported target metals as below the CRDL, as required.

ICP Interference Check Sample: The percent recoveries for target metals were within control limits (80-120%).

Spike Sample Recovery: The percent recovery for barium (139.2%) was above control limits (75-125%) for spike sample AREA LE S. Positive results for barium should be considered estimates (J).

Duplicates: The relative percent differences for target metals were below the allowable maximum (35%) for duplicate samples AREA LE D and CS-3 D.

Laboratory Control Sample: The recoveries for target metals were within control limits for the soil LCS.

Standard Addition Results: No results were quantitated by MSA in this SDG.

ICP Serial Dilution: The %Ds for target metals were below the allowable maximum (10%) for serial dilution sample AREA LN L, as required.

Instrument Detection Limits: All IDLs were at or below the CRDLs, as required, except lead by ICP. There were no sample results that were analyzed by ICP that reported lead as not detected.

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FRIEND
LABORATORY
INC.

PAGE OF

ELLI FRIEND LABORATORY I • N • C

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

AREA LS

Lab Name: FRIEND LABORATORY, INC. Contract: _____

Lab Code: 10252 Case No.: _____ SAS No.: _____ SDG No.: RICHMON

Matrix: (soil/water) SOIL Lab Sample ID: L96363-4

Sample wt/vol: 5.3 (g/ml) G Lab File ID: W2009264.D

Level: (low/med) LOW Date Received: 11/05/02

% Moisture: not dec. 14.3 Date Analyzed: 11/07/02

GC Column: HALL D ID: 0.45 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

100-41-4	Ethylbenzene	1	U
95-63-6	1,2,4-Trimethylbenzene	19	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

AREA LN

Lab Name: FRIEND LABORATORY, INC. Contract: _____

Lab Code: 10252 Case No.: _____ SAS No.: _____ SDG No.: RICHMON

Matrix: (soil/water) SOIL Lab Sample ID: L96363-6

Sample wt/vol: 5.5 (g/ml) G Lab File ID: W2009265.D

Level: (low/med) LOW Date Received: 11/05/02

% Moisture: not dec. 27.8 Date Analyzed: 11/07/02

GC Column: HALL D ID: 0.45 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

100-41-4	Ethylbenzene	1	U
95-63-6	1,2,4-Trimethylbenzene	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

AREA LE

Lab Name: FRIEND LABORATORY, INC. Contract: _____

Lab Code: 10252 Case No.: _____ SAS No.: _____ SDG No.: RICHMON

Matrix: (soil/water) SOIL Lab Sample ID: L96363-8

Sample wt/vol: 5.7 (g/ml) G Lab File ID: W2009266.D

Level: (low/med) LOW Date Received: 11/05/02

% Moisture: not dec. 14.7 Date Analyzed: 11/07/02

GC Column: HALL D ID: 0.45 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

100-41-4	Ethylbenzene	1	U
95-63-6	1,2,4-Trimethylbenzene	8	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

VBLKS1

Lab Name: FRIEND LABORATORY, INC. Contract: _____

Lab Code: 10252 Case No.: _____ SAS No.: _____ SDG No.: RICHMON

Matrix: (soil/water) SOIL Lab Sample ID: Extr Blank 11-7-2

Sample wt/vol: 4.0 (g/ml) G Lab File ID: W2009260.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. 0 Date Analyzed: 11/07/02

GC Column: HALL D ID: 0.45 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

100-41-4	Ethylbenzene	1	U
95-63-6	1,2,4-Trimethylbenzene	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

VBLKS1MS

Lab Name: FRIEND LABORATORY, INC. Contract: _____

Lab Code: 10252 Case No.: _____ SAS No.: _____ SDG No.: RICHMON

Matrix: (soil/water) SOIL Lab Sample ID: Spiked Blank 11-7-

Sample wt/vol: 4.9 (g/ml) G Lab File ID: W2009261.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. 0 Date Analyzed: 11/07/02

GC Column: HALL D ID: 0.45 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

100-41-4	Ethylbenzene	33	
95-63-6	1,2,4-Trimethylbenzene	16	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

AREA LE MS

Lab Name: FRIEND LABORATORY, INC. Contract: _____

Lab Code: 10252 Case No.: _____ SAS No.: _____ SDG No.: RICHMON

Matrix: (soil/water) SOIL Lab Sample ID: L96363-9, -8MS

Sample wt/vol: 5.9 (g/ml) G Lab File ID: W2009267.D

Level: (low/med) LOW Date Received: 11/05/02

% Moisture: not dec. 14.7 Date Analyzed: 11/07/02

GC Column: HALL D ID: 0.45 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

100-41-4	Ethylbenzene	27	
95-63-6	1,2,4-Trimethylbenzene	16	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

AREA LE MSD

Lab Name: FRIEND LABORATORY, INC. Contract: _____

Lab Code: 10252 Case No.: _____ SAS No.: _____ SDG No.: RICHMON

Matrix: (soil/water) SOIL Lab Sample ID: L96363-10

Sample wt/vol: 5.7 (g/ml) G Lab File ID: W2009268.D

Level: (low/med) LOW Date Received: 11/05/02

% Moisture: not dec. 14.7 Date Analyzed: 11/07/02

GC Column: HALL D ID: 0.45 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

100-41-4	Ethylbenzene	30	
95-63-6	1,2,4-Trimethylbenzene	33	

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

AREA LS

Lab Name: FRIEND LABORATORY, INC. Contract: _____

Lab Code: 10252 Case No.: _____ SAS No.: _____ SDG No.: RICHMON

Matrix: (soil/water) SOIL Lab Sample ID: L96363-4

Sample wt/vol: 20.5952 (g/ml) G Lab File ID: B2323.D

Level: (low/med) LOW Date Received: 11/05/02

% Moisture: 14.3 decanted:(Y/N) N Date Extracted: 11/08/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/18/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

87-86-5	Pentachlorophenol	1100	U J
56-55-3	Benzo(a)anthracene	150	J
218-01-9	Chrysene	170	J
205-99-2	Benzo(b)fluoranthene	180	J
207-08-9	Benzo(k)fluoranthene	86	J
50-32-8	Benzo(a)pyrene	140	J
53-70-3	Dibenzo(a,h)anthracene	280	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

AREA LN

Lab Name: FRIEND LABORATORY, INC. Contract: _____

Lab Code: 10252 Case No.: _____ SAS No.: _____ SDG No.: RICHMON

Matrix: (soil/water) SOIL Lab Sample ID: L96363-6

Sample wt/vol: 20.2584 (g/ml) G Lab File ID: B2322.D

Level: (low/med) LOW Date Received: 11/05/02

% Moisture: 27.8 decanted:(Y/N) N Date Extracted: 11/08/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/18/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

87-86-5	Pentachlorophenol	1400	U
56-55-3	Benzo(a)anthracene	340	U
218-01-9	Chrysene	340	U
205-99-2	Benzo(b)fluoranthene	340	U
207-08-9	Benzo(k)fluoranthene	340	U
50-32-8	Benzo(a)pyrene	340	U
53-70-3	Dibenzo(a,h)anthracene	340	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

AREA LE

Lab Name: FRIEND LABORATORY, INC. Contract: _____

Lab Code: 10252 Case No.: _____ SAS No.: _____ SDG No.: RICHMON

Matrix: (soil/water) SOIL Lab Sample ID: L96363-8

Sample wt/vol: 20.3317 (g/ml) G Lab File ID: B2324.D

Level: (low/med) LOW Date Received: 11/05/02

% Moisture: 14.7 decanted:(Y/N) N Date Extracted: 11/08/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/19/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

87-86-5	Pentachlorophenol	1200	U J
56-55-3	Benzo(a)anthracene	290	U J
218-01-9	Chrysene	290	U J
205-99-2	Benzo(b)fluoranthene	290	U J
207-08-9	Benzo(k)fluoranthene	290	U J
50-32-8	Benzo(a)pyrene	290	U J
53-70-3	Dibenzo(a,h)anthracene	290	U J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

AREA LE RE

Lab Name: FRIEND LABORATORY, INC. Contract: _____

Lab Code: 10252 Case No.: _____ SAS No.: _____ SDG No.: RICHMON

Matrix: (soil/water) SOIL Lab Sample ID: L96363-8

Sample wt/vol: 20.3317 (g/ml) G Lab File ID: B2329.D

Level: (low/med) LOW Date Received: 11/05/02

% Moisture: 14.7 decanted:(Y/N) N Date Extracted: 11/08/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/22/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

87-86-5	Pentachlorophenol	1200	U
56-55-3	Benzo(a)anthracene	290	U
218-01-9	Chrysene	290	U
205-99-2	Benzo(b)fluoranthene	290	U
207-08-9	Benzo(k)fluoranthene	290	U
50-32-8	Benzo(a)pyrene	290	U
53-70-3	Dibenzo(a,h)anthracene	290	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SBLK28

Lab Name: FRIEND LABORATORY, INC. Contract: _____

Lab Code: 10252 Case No.: _____ SAS No.: _____ SDG No.: RICHMON

Matrix: (soil/water) SOIL Lab Sample ID: MB28

Sample wt/vol: 20.015 (g/ml) G Lab File ID: A1759.D

Level: (low/med) LOW Date Received: _____

% Moisture: 0 decanted:(Y/N) N Date Extracted: 11/08/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/16/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

87-86-5	Pentachlorophenol	1000	U
56-55-3	Benzo(a)anthracene	250	U
218-01-9	Chrysene	250	U
205-99-2	Benzo(b)fluoranthene	250	U
207-08-9	Benzo(k)fluoranthene	250	U
50-32-8	Benzo(a)pyrene	250	U
53-70-3	Dibenzo(a,h)anthracene	250	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SBLK28MS

Lab Name: FRIEND LABORATORY, INC. Contract: _____

Lab Code: 10252 Case No.: _____ SAS No.: _____ SDG No.: RICHMON

Matrix: (soil/water) SOIL Lab Sample ID: QC28

Sample wt/vol: 20.0771 (g/ml) G Lab File ID: A1760.D

Level: (low/med) LOW Date Received: _____

% Moisture: 0 decanted:(Y/N) N Date Extracted: 11/08/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/16/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

87-86-5	Pentachlorophenol	4100	
56-55-3	Benzo(a)anthracene	2200	
218-01-9	Chrysene	2200	
205-99-2	Benzo(b)fluoranthene	2100	
207-08-9	Benzo(k)fluoranthene	2200	
50-32-8	Benzo(a)pyrene	2100	
53-70-3	Dibenzo(a,h)anthracene	2100	

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

AREA LE MS

Lab Name: FRIEND LABORATORY, INC. Contract: _____

Lab Code: 10252 Case No.: _____ SAS No.: _____ SDG No.: RICHMON

Matrix: (soil/water) SOIL Lab Sample ID: L96363-9, -8MS

Sample wt/vol: 20.4691 (g/ml) G Lab File ID: B2325.D

Level: (low/med) LOW Date Received: 11/05/02

% Moisture: 14.7 decanted:(Y/N) N Date Extracted: 11/08/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/19/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

87-86-5	Pentachlorophenol	5600	
56-55-3	Benzo(a)anthracene	2400	
218-01-9	Chrysene	2500	
205-99-2	Benzo(b)fluoranthene	3000	
207-08-9	Benzo(k)fluoranthene	2400	
50-32-8	Benzo(a)pyrene	2500	
53-70-3	Dibenzo(a,h)anthracene	1600	

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

AREA LE MSD

Lab Name: FRIEND LABORATORY, INC. Contract: _____

Lab Code: 10252 Case No.: _____ SAS No.: _____ SDG No.: RICHMON

Matrix: (soil/water) SOIL Lab Sample ID: L96363-10, -8MSD

Sample wt/vol: 20.3604 (g/ml) G Lab File ID: B2326.D

Level: (low/med) LOW Date Received: 11/05/02

% Moisture: 14.7 decanted:(Y/N) N Date Extracted: 11/08/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/19/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

87-86-5	Pentachlorophenol	6300	
56-55-3	Benzo(a)anthracene	2700	
218-01-9	Chrysene	2500	
205-99-2	Benzo(b)fluoranthene	3500	
207-08-9	Benzo(k)fluoranthene	2900	
50-32-8	Benzo(a)pyrene	2700	
53-70-3	Dibenzo(a,h)anthracene	1500	

NYSDEC - ASP
1
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

CS-2

Lab Name: FRIEND LABORATORY, INC. Contract: _____

Lab Code: 10252 Case No.: _____ SAS No.: _____ SDG No.: RICHMOND

Matrix (soil/water): SOIL_____ Lab Sample ID: L96363-1_____

Level (low/med): LOW_____ Date Received: 11/05/02

% Solids: 90.4_____

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	4.58	3		NR m
7440-39-3	Barium	44.0		JN	P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium	14.2			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	569			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.25			CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver	0.73	U	J	P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: _____ Clarity Before: _____

Texture: _____

Color After: _____ Clarity After: _____

Artifacts: _____

Comments:

NYSDEC - ASP
1
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

CS-3

Lab Name: FRIEND LABORATORY, INC. Contract: _____

Lab Code: 10252 Case No.: _____ SAS No.: _____ SDG No.: RICHMOND

Matrix (soil/water): SOIL_____ Lab Sample ID: L96363-2_____

Level (low/med): LOW_____ Date Received: 11/05/02

% Solids: 87.5_____

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	9.34			NR <i>m</i>
7440-39-3	Barium	115		Y N	P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium	8.9			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	272			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.027	U		CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver	0.72	U	Y	P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: _____ Clarity Before: _____

Texture: _____

Color After: _____ Clarity After: _____

Artifacts: _____

Comments:

NYSDEC - ASP
1
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

CS-1

Lab Name: FRIEND LABORATORY, INC. Contract: _____

Lab Code: 10252 Case No.: _____ SAS No.: _____ SDG No.: RICHMOND

Matrix (soil/water): SOIL_____ Lab Sample ID: L96363-3_____

Level (low/med): LOW_____ Date Received: 11/05/02

% Solids: 85.8_____

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	12.1			NR <i>ml</i>
7440-39-3	Barium	68.4		JN	P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium	7.5			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	79.9			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.030	B		CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver	0.76	U	J	P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: _____ Clarity Before: _____

Texture: _____

Color After: _____ Clarity After: _____

Artifacts: _____

Comments:

NYSDEC - ASP
1
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

AREA LS

Lab Name: FRIEND LABORATORY, INC. Contract: _____

Lab Code: 10252 Case No.: _____ SAS No.: _____ SDG No.: RICHMOND

Matrix (soil/water): SOIL_____ Lab Sample ID: L96363-4_____

Level (low/med): LOW_____ Date Received: 11/05/02

% Solids: 85.7_____

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	15.4			NR
7440-39-3	Barium	239		JN	P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium	16.7			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	1490			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.42			CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver	0.79	U	J	P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: _____ Clarity Before: _____

Texture: _____

Color After: _____ Clarity After: _____

Artifacts: _____

Comments:

NYSDEC - ASP
1
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

AREA LS TCLP

Lab Name: FRIEND LABORATORY, INC. Contract: _____

Lab Code: 10252 Case No.: _____ SAS No.: _____ SDG No.: RICHMOND

Matrix (soil/water): WATER_ Lab Sample ID: L96363-5_

Level (low/med): LOW_ Date Received: 11/05/02

% Solids: _____

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	370	U		P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: _____ Clarity Before: _____

Texture: _____

Color After: _____ Clarity After: _____

Artifacts: _____

Comments:

NYSDEC - ASP
1
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

AREA ~~L~~W

Dwm-12/20/02

Lab Name: FRIEND LABORATORY, INC.

Contract: _____

Lab Code: 10252

Case No.: _____

SAS No.: _____

SDG No.: RICHMOND

Matrix (soil/water): SOIL

Lab Sample ID: L96363-6

Level (low/med): LOW

Date Received: 11/05/02

% Solids: 72.2

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	6.65			NR
7440-39-3	Barium	94.6		IN	P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium	14.4			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	23.1			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.17			CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver	0.95	U	3	P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: _____

Clarity Before: _____

Texture: _____

Color After: _____

Clarity After: _____

Artifacts: _____

Comments:

NYSDEC - ASP
1
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

AREA ^W ~~LM~~ TCLP

Drawn 12/20/02

Lab Name: FRIEND LABORATORY, INC. Contract: _____

Lab Code: 10252 Case No.: _____ SAS No.: _____ SDG No.: RICHMOND

Matrix (soil/water): WATER_ Lab Sample ID: L96363-7_____

Level (low/med): LOW_____ Date Received: 11/05/02

% Solids: _____

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	370	U		P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

NYSDEC - ASP
1
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

AREA LE

Lab Name: FRIEND LABORATORY, INC. Contract: _____

Lab Code: 10252 Case No.: _____ SAS No.: _____ SDG No.: RICHMOND

Matrix (soil/water): SOIL_____ Lab Sample ID: L96363-8_____

Level (low/med): LOW_____ Date Received: 11/05/02

% Solids: 85.3_____

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	5.10	B		NR <i>m</i>
7440-39-3	Barium	253	J	N	P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium	20.2			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	1100			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.35			CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver	0.81	U	J	P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

NYSDEC - ASP
1
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

AREA LE TCLP

Lab Name: FRIEND LABORATORY, INC. Contract: _____

Lab Code: 10252 Case No.: _____ SAS No.: _____ SDG No.: RICHMOND

Matrix (soil/water): WATER_ Lab Sample ID: L96363-11_

Level (low/med): LOW_ Date Received: 11/05/02

% Solids: _____

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	370	U		P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: _____ Clarity Before: _____

Texture: _____

Color After: _____ Clarity After: _____

Artifacts: _____

Comments:

CUSTOMER CODE # _____

CHAIN OF CUSTODY RECORD

PAGE ____ OF ____

ELLIF R I E N D
LABORATORY
I . N . CONE RESEARCH CIRCLE
WAVERLY NY 14892-1532
Telephone (607) 565 3500
Fax (607) 565-4083

Sample Site: RICHMOND AVE

LOCKPORT NY

P.O. #

Untreated

Sodium thiosulfate

HCl pH <2

Ascorbic acid & HCl pH <2

HNO₃ pH <2H₂SO₄ pH <2

NaOH pH >12

NaOH & Zinc acetate pH >9

Acetic Buffer pH <3

Sodium sulfite

CLIENT: 295 METL ST
ADDRESS: LOCKPORT NYINVOICE TO: SLC
ADDRESS:

PHONE: 716 433-6776

FAX: 433-0502

PROJECT NO. / NAME

02-007

COPY TO:
ADDRESS:DATE & TIME OF
SAMPLE COLLECTION

SAMPLE DESCRIPTION

NUMBER OF
CONTAINERS

ANALYSES / TESTS REQUESTED

LAB USE ONLY
SAMPLE
NUMBER

10/24/02

RICH-AREA-F

2

Description: Grab Composite
Matrix: DW WW MW Soil Air Other8021
8270
METALS

CRSP

LAB USE ONLY

10/23/02

RICH-AREA-A

2

Description: Grab Composite
Matrix: DW WW MW Soil Air Other

-8

10/23/02

RICH-AREA-C

2

Description: Grab Composite
Matrix: DW WW MW Soil Air Other

-9

4:00

RELINQUISHED BY

DATE / TIME

ACCEPTED BY

DATE / TIME

NOTES TO LABORATORY

LAB USE ONLY

SAMPLER

Jens Jones

10/25/02
306

SUSPECTED CONTAMINATION LEVEL:

NONE SLIGHT MODERATE HIGH (pt)

circle)

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

AREA D

Lab Name: FRIEND LABORATORY, INC. Contract: _____

Lab Code: 10252 Case No.: _____ SAS No.: _____ SDG No.: RICHMON

Matrix: (soil/water) SOIL Lab Sample ID: L95927-1

Sample wt/vol: 5.4 (g/ml) G Lab File ID: W2009249.D

Level: (low/med) LOW Date Received: 10/25/02

% Moisture: not dec. 11.6 Date Analyzed: 11/05/02

GC Column: RTX-VG ID: 0.45 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

100-41-4	Ethylbenzene	1	U
95-63-6	1,2,4-Trimethylbenzene	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

AREA E2

Lab Name: FRIEND LABORATORY, INC. Contract: _____

Lab Code: 10252 Case No.: _____ SAS No.: _____ SDG No.: RICHMON

Matrix: (soil/water) SOIL Lab Sample ID: L95927-2

Sample wt/vol: 5.3 (g/ml) G Lab File ID: W2009254.D

Level: (low/med) LOW Date Received: 10/25/02

% Moisture: not dec. 9.8 Date Analyzed: 11/06/02

GC Column: RTX-VG ID: 0.45 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

100-41-4	Ethylbenzene	1	U
95-63-6	1,2,4-Trimethylbenzene	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

AREA E1

Lab Name: FRIEND LABORATORY, INC. Contract: _____

Lab Code: 10252 Case No.: _____ SAS No.: _____ SDG No.: RICHMON

Matrix: (soil/water) SOIL Lab Sample ID: L95927-5

Sample wt/vol: 5.2 (g/ml) G Lab File ID: W2009250.D

Level: (low/med) LOW Date Received: 10/25/02

% Moisture: not dec. 18.1 Date Analyzed: 11/05/02

GC Column: RTX-VG ID: 0.45 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

100-41-4	Ethylbenzene	1	U
95-63-6	1,2,4-Trimethylbenzene	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

AREA J

Lab Name: FRIEND LABORATORY, INC. Contract: _____

Lab Code: 10252 Case No.: _____ SAS No.: _____ SDG No.: RICHMON

Matrix: (soil/water) SOIL Lab Sample ID: L95927-6

Sample wt/vol: 5.2 (g/ml) G Lab File ID: W2009251.D

Level: (low/med) LOW Date Received: 10/25/02

% Moisture: not dec. 18.8 Date Analyzed: 11/05/02

GC Column: RTX-VG ID: 0.45 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

100-41-4	Ethylbenzene	1	U
95-63-6	1,2,4-Trimethylbenzene	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

AREA F

Lab Name: FRIEND LABORATORY, INC. Contract: _____

Lab Code: 10252 Case No.: _____ SAS No.: _____ SDG No.: RICHMON

Matrix: (soil/water) SOIL Lab Sample ID: L95927-7

Sample wt/vol: 5.7 (g/ml) G Lab File ID: W2009263.D

Level: (low/med) LOW Date Received: 10/25/02

% Moisture: not dec. 12.9 Date Analyzed: 11/07/02

GC Column: RTX-VG ID: 0.45 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

100-41-4	Ethylbenzene	1	U J
95-63-6	1,2,4-Trimethylbenzene	1	U J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

AREA A

Lab Name: FRIEND LABORATORY, INC. Contract: _____

Lab Code: 10252 Case No.: _____ SAS No.: _____ SDG No.: RICHMON

Matrix: (soil/water) SOIL Lab Sample ID: L95927-8

Sample wt/vol: 5.7 (g/ml) G Lab File ID: W2009252.D

Level: (low/med) LOW Date Received: 10/25/02

% Moisture: not dec. 7.2 Date Analyzed: 11/06/02

GC Column: RTX-VG ID: 0.45 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

100-41-4	Ethylbenzene	1 0	U
95-63-6	1,2,4-Trimethylbenzene	1 0	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

AREA C

Lab Name: FRIEND LABORATORY, INC. Contract: _____

Lab Code: 10252 Case No.: _____ SAS No.: _____ SDG No.: RICHMON

Matrix: (soil/water) SOIL Lab Sample ID: L95927-9

Sample wt/vol: 5.2 (g/ml) G Lab File ID: W2009253.D

Level: (low/med) LOW Date Received: 10/25/02

% Moisture: not dec. 10.7 Date Analyzed: 11/06/02

GC Column: RTX-VG ID: 0.45 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

100-41-4	Ethylbenzene	1	U
95-63-6	1,2,4-Trimethylbenzene	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

VBKKS1

Lab Name: FRIEND LABORATORY, INC. Contract: _____
 Lab Code: 10252 Case No.: _____ SAS No.: _____ SDG No.: RICHMON
 Matrix: (soil/water) SOIL Lab Sample ID: Extr Blank 11-5-2
 Sample wt/vol: 4.9 (g/ml) G Lab File ID: W2009248.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. 0 Date Analyzed: 11/05/02
 GC Column: RTX-VG ID: 0.45 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

100-41-4	Ethylbenzene	1	U
95-63-6	1,2,4-Trimethylbenzene	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

VBLKS2

Lab Name: FRIEND LABORATORY, INC. Contract: _____

Lab Code: 10252 Case No.: _____ SAS No.: _____ SDG No.: RICHMON

Matrix: (soil/water) SOIL Lab Sample ID: Extr Blank 11-7-2

Sample wt/vol: 4.0 (g/ml) G Lab File ID: W2009260.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. 0 Date Analyzed: 11/07/02

GC Column: RTX-VG ID: 0.45 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

100-41-4	Ethylbenzene	1	U
95-63-6	1,2,4-Trimethylbenzene	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

VBLKS1MS

Lab Name: FRIEND LABORATORY, INC. Contract: _____

Lab Code: 10252 Case No.: _____ SAS No.: _____ SDG No.: RICHMON

Matrix: (soil/water) SOIL Lab Sample ID: Spiked Blank 11-5-

Sample wt/vol: 3.4 (g/ml) G Lab File ID: W2009257.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. 0 Date Analyzed: 11/06/02

GC Column: RTX-VG ID: 0.45 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

100-41-4	Ethylbenzene	47	
95-63-6	1,2,4-Trimethylbenzene	24	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

VBLKS2MS

Lab Name: FRIEND LABORATORY, INC. Contract: _____

Lab Code: 10252 Case No.: _____ SAS No.: _____ SDG No.: RICHMON

Matrix: (soil/water) SOIL Lab Sample ID: Spiked Blank 11-7-

Sample wt/vol: 4.9 (g/ml) G Lab File ID: W2009261.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. 0 Date Analyzed: 11/07/02

GC Column: RTX-VG ID: 0.45 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

100-41-4	Ethylbenzene	33	
95-63-6	1,2,4-Trimethylbenzene	16	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

AREA E2 MS

Lab Name: FRIEND LABORATORY, INC. Contract: _____

Lab Code: 10252 Case No.: _____ SAS No.: _____ SDG No.: RICHMON

Matrix: (soil/water) SOIL Lab Sample ID: L95927-3, -2MS

Sample wt/vol: 5.3 (g/ml) G Lab File ID: W2009255.D

Level: (low/med) LOW Date Received: 10/25/02

% Moisture: not dec. 9.8 Date Analyzed: 11/06/02

GC Column: RTX-VG ID: 0.45 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

100-41-4	Ethylbenzene	35	
95-63-6	1,2,4-Trimethylbenzene	15	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

AREA E2 MSD

Lab Name: FRIEND LABORATORY, INC. Contract: _____

Lab Code: 10252 Case No.: _____ SAS No.: _____ SDG No.: RICHMON

Matrix: (soil/water) SOIL Lab Sample ID: L95927-4, -2MSD

Sample wt/vol: 6.2 (g/ml) G Lab File ID: W2009256.D

Level: (low/med) LOW Date Received: 10/25/02

% Moisture: not dec. 9.8 Date Analyzed: 11/06/02

GC Column: RTX-VG ID: 0.45 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

100-41-4	Ethylbenzene	34	
95-63-6	1,2,4-Trimethylbenzene	15	

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

AREA D

Lab Name: FRIEND LABORATORY, INC. Contract: _____

Lab Code: 10252 Case No.: _____ SAS No.: _____ SDG No.: RICHMON

Matrix: (soil/water) SOIL Lab Sample ID: L95927-1

Sample wt/vol: 20.0123 (g/ml) G Lab File ID: B2309.D

Level: (low/med) LOW Date Received: 10/25/02

% Moisture: 11.6 decanted: (Y/N) N Date Extracted: 10/29/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

87-86-5	Pentachlorophenol	1100	U
56-55-3	Benzo(a)anthracene	120	J
218-01-9	Chrysene	160	J
205-99-2	Benzo(b)fluoranthene	180	J
207-08-9	Benzo(k)fluoranthene	72	J
50-32-8	Benzo(a)pyrene	130	J
53-70-3	Dibenzo(a,h)anthracene	280	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

AREA E2 DL

Lab Name: FRIEND LABORATORY, INC. Contract: _____

Lab Code: 10252 Case No.: _____ SAS No.: _____ SDG No.: RICHMON

Matrix: (soil/water) SOIL Lab Sample ID: L95927-2, 1:10

Sample wt/vol: 20.1334 (g/ml) G Lab File ID: B2304.D

Level: (low/med) LOW Date Received: 10/25/02

% Moisture: 9.8 decanted:(Y/N) N Date Extracted: 10/29/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/02

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

87-86-5	Pentachlorophenol	11000	U
56-55-3	Benzo(a)anthracene	6200	D
218-01-9	Chrysene	6400	D
205-99-2	Benzo(b)fluoranthene	5800	D
207-08-9	Benzo(k)fluoranthene	2100	JD
50-32-8	Benzo(a)pyrene	5000	D
53-70-3	Dibenzo(a,h)anthracene	2800	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

AREA E1 DL

Lab Name: FRIEND LABORATORY, INC. Contract: _____

Lab Code: 10252 Case No.: _____ SAS No.: _____ SDG No.: RICHMON

Matrix: (soil/water) SOIL Lab Sample ID: L95927-5, 1:2

Sample wt/vol: 20.1927 (g/ml) G Lab File ID: B2310.D

Level: (low/med) LOW Date Received: 10/25/02

% Moisture: 18.1 decanted:(Y/N) N Date Extracted: 10/29/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/02

Injection Volume: 1.0 (uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

87-86-5	Pentachlorophenol	2400	U
56-55-3	Benzo(a)anthracene	840	D
218-01-9	Chrysene	970	D
205-99-2	Benzo(b)fluoranthene	1000	D
207-08-9	Benzo(k)fluoranthene	420	JD
50-32-8	Benzo(a)pyrene	800	D
53-70-3	Dibenzo(a,h)anthracene	600	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

AREA J DL

Lab Name: FRIEND LABORATORY, INC. Contract: _____

Lab Code: 10252 Case No.: _____ SAS No.: _____ SDG No.: RICHMON

Matrix: (soil/water) SOIL Lab Sample ID: L95927-6, 1:5

Sample wt/vol: 20.6537 (g/ml) G Lab File ID: B2312.D

Level: (low/med) LOW Date Received: 10/25/02

% Moisture: 18.8 decanted:(Y/N) N Date Extracted: 10/29/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/02

Injection Volume: 1.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

87-86-5	Pentachlorophenol	6000	U
56-55-3	Benzo(a)anthracene	4200	D
218-01-9	Chrysene	4200	D
205-99-2	Benzo(b)fluoranthene	5100	D
207-08-9	Benzo(k)fluoranthene	1800	D
50-32-8	Benzo(a)pyrene	4000	D
53-70-3	Dibenzo(a,h)anthracene	1500	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

AREA F DL

Lab Name: FRIEND LABORATORY, INC. Contract: _____

Lab Code: 10252 Case No.: _____ SAS No.: _____ SDG No.: RICHMON

Matrix: (soil/water) SOIL Lab Sample ID: L95927-7, 1:10

Sample wt/vol: 20.2434 (g/ml) G Lab File ID: B2302.D

Level: (low/med) LOW Date Received: 10/25/02

% Moisture: 12.9 decanted:(Y/N) N Date Extracted: 10/29/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/02

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

87-86-5	Pentachlorophenol	11000	U
56-55-3	Benzo(a)anthracene	11000	D
218-01-9	Chrysene	12000	D
205-99-2	Benzo(b)fluoranthene	12000	D
207-08-9	Benzo(k)fluoranthene	4800	D
50-32-8	Benzo(a)pyrene	12000	D
53-70-3	Dibenzo(a,h)anthracene	2800	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

AREA A

Lab Name: FRIEND LABORATORY, INC. Contract: _____

Lab Code: 10252 Case No.: _____ SAS No.: _____ SDG No.: RICHMON

Matrix: (soil/water) SOIL Lab Sample ID: L95927-8

Sample wt/vol: 20.3631 (g/ml) G Lab File ID: B2307.D

Level: (low/med) LOW Date Received: 10/25/02

% Moisture: 7.2 decanted:(Y/N) N Date Extracted: 10/29/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

87-86-5	Pentachlorophenol	1100	U
56-55-3	Benzo(a)anthracene	260	U
218-01-9	Chrysene	260	U
205-99-2	Benzo(b)fluoranthene	260	U
207-08-9	Benzo(k)fluoranthene	260	U
50-32-8	Benzo(a)pyrene	260	U
53-70-3	Dibenzo(a,h)anthracene	260	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

AREA C DL

Lab Name: FRIEND LABORATORY, INC. Contract: _____

Lab Code: 10252 Case No.: _____ SAS No.: _____ SDG No.: RICHMON

Matrix: (soil/water) SOIL Lab Sample ID: L95927-9, 1:2

Sample wt/vol: 20.3811 (g/ml) G Lab File ID: B2311.D

Level: (low/med) LOW Date Received: 10/25/02

% Moisture: 10.7 decanted:(Y/N) N Date Extracted: 10/29/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/02

Injection Volume: 1.0 (uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

87-86-5	Pentachlorophenol	2200	U
56-55-3	Benzo(a)anthracene	570	D
218-01-9	Chrysene	650	D
205-99-2	Benzo(b)fluoranthene	920	D
207-08-9	Benzo(k)fluoranthene	350	JD
50-32-8	Benzo(a)pyrene	620	D
53-70-3	Dibenzo(a,h)anthracene	550	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SBLK25

Lab Name: FRIEND LABORATORY, INC. Contract: _____

Lab Code: 10252 Case No.: _____ SAS No.: _____ SDG No.: RICHMON

Matrix: (soil/water) SOIL Lab Sample ID: MB25

Sample wt/vol: 20.3253 (g/ml) G Lab File ID: B2296.D

Level: (low/med) LOW Date Received: _____

% Moisture: 0 decanted:(Y/N) N Date Extracted: 10/29/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

87-86-5	Pentachlorophenol	980	U
56-55-3	Benzo(a)anthracene	250	U
218-01-9	Chrysene	250	U
205-99-2	Benzo(b)fluoranthene	250	U
207-08-9	Benzo(k)fluoranthene	250	U
50-32-8	Benzo(a)pyrene	250	U
53-70-3	Dibenzo(a,h)anthracene	250	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SBLK25MS

Lab Name: FRIEND LABORATORY, INC. Contract: _____

Lab Code: 10252 Case No.: _____ SAS No.: _____ SDG No.: RICHMON

Matrix: (soil/water) SOIL Lab Sample ID: QC25

Sample wt/vol: 20.497 (g/ml) G Lab File ID: B2297.D

Level: (low/med) LOW Date Received: _____

% Moisture: 0 decanted:(Y/N) N Date Extracted: 10/29/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

87-86-5	Pentachlorophenol	4300	
56-55-3	Benzo(a)anthracene	2000	
218-01-9	Chrysene	2100	
205-99-2	Benzo(b)fluoranthene	2000	
207-08-9	Benzo(k)fluoranthene	2000	
50-32-8	Benzo(a)pyrene	2000	
53-70-3	Dibenzo(a,h)anthracene	2300	

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

AREA E2 DLMS

Lab Name: FRIEND LABORATORY, INC. Contract: _____

Lab Code: 10252 Case No.: _____ SAS No.: _____ SDG No.: RICHMON

Matrix: (soil/water) SOIL Lab Sample ID: L95927-3,10X,-2M

Sample wt/vol: 20.2032 (g/ml) G Lab File ID: B2308.D

Level: (low/med) LOW Date Received: 10/25/02

% Moisture: 9.8 decanted:(Y/N) N Date Extracted: 10/29/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/02

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

87-86-5	Pentachlorophenol	2600	JD
56-55-3	Benzo(a)anthracene	5400	D
218-01-9	Chrysene	5400	D
205-99-2	Benzo(b)fluoranthene	5000	D
207-08-9	Benzo(k)fluoranthene	3300	D
50-32-8	Benzo(a)pyrene	4600	D
53-70-3	Dibenzo(a,h)anthracene	2500	JD

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

AREA E2 DLMSD

Lab Name: FRIEND LABORATORY, INC. Contract: _____

Lab Code: 10252 Case No.: _____ SAS No.: _____ SDG No.: RICHMON

Matrix: (soil/water) SOIL Lab Sample ID: L95927-4,10X,-2M

Sample wt/vol: 20.4028 (g/ml) G Lab File ID: B2313.D

Level: (low/med) LOW Date Received: 10/25/02

% Moisture: 9.8 decanted:(Y/N) N Date Extracted: 10/29/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/02

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

87-86-5	Pentachlorophenol	3100	JD
56-55-3	Benzo(a)anthracene	8700	D
218-01-9	Chrysene	9000	D
205-99-2	Benzo(b)fluoranthene	8300	D
207-08-9	Benzo(k)fluoranthene	4900	D
50-32-8	Benzo(a)pyrene	7900	D
53-70-3	Dibenzo(a,h)anthracene	2700	D

NYSDEC - ASP
1
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

AREA D

Lab Name: FRIEND LABORATORY, INC. Contract: _____

Lab Code: 10252 Case No.: _____ SAS No.: _____ SDG No.: RICHMOND

Matrix (soil/water): SOIL_____ Lab Sample ID: L95927-1_____

Level (low/med): LOW_____ Date Received: 10/25/02

% Solids: 88.4_____

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	3.6			NR M
7440-39-3	Barium	40.6		J EN	P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium	7.4		J N	P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	99.6		J *	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.19			CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver	0.66	U	J	P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: _____ Clarity Before: _____

Texture: _____

Color After: _____ Clarity After: _____

Artifacts: _____

Comments:

NYSDEC - ASP
1
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

AREA E2

Lab Name: FRIEND LABORATORY, INC. Contract: _____

Lab Code: 10252 Case No.: _____ SAS No.: _____ SDG No.: RICHMOND

Matrix (soil/water): SOIL_____ Lab Sample ID: L95927-2_____

Level (low/med): LOW_____ Date Received: 10/25/02

% Solids: 90.2_____

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	10.0			NR ^m
7440-39-3	Barium	155		J EN	P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium	12.6		J N	P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	670		J *	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	1.5			CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver	0.68		U J	P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: _____ Clarity Before: _____

Texture: _____

Color After: _____ Clarity After: _____

Artifacts: _____

Comments:

NYSDEC - ASP
1
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

AREA E1

Lab Name: FRIEND LABORATORY, INC. Contract: _____

Lab Code: 10252 Case No.: _____ SAS No.: _____ SDG No.: RICHMOND

Matrix (soil/water): SOIL_____ Lab Sample ID: L95927-5

Level (low/med): LOW_____ Date Received: 10/25/02

% Solids: 81.9_____

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	10.7			NR
7440-39-3	Barium	240		J EN	P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium	16.3		J N	P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	1.2		J	CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver	0.76	U	J	P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: _____ Clarity Before: _____

Texture: _____

Color After: _____ Clarity After: _____

Artifacts: _____

Comments:

1
NYSDEC - ASP
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

AREA J

Lab Name: FRIEND LABORATORY, INC. Contract: _____

Lab Code: 10252 Case No.: _____ SAS No.: _____ SDG No.: RICHMOND

Matrix (soil/water): SOIL_____ Lab Sample ID: L95927-6_____

Level (low/med): LOW_____ Date Received: 10/25/02

% Solids: 81.2_____

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	12.2			NR <i>nl</i>
7440-39-3	Barium	239		I EN	P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium	17.9		I N	P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	686		I *	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	1.4			CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver	0.86	U	I	P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: _____ Clarity Before: _____

Texture: _____

Color After: _____ Clarity After: _____

Artifacts: _____

Comments:

NYSDEC - ASP
1
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

AREA F

Lab Name: FRIEND LABORATORY, INC. Contract: _____

Lab Code: 10252 Case No.: _____ SAS No.: _____ SDG No.: RICHMOND

Matrix (soil/water): SOIL_____ Lab Sample ID: L95927-7_____

Level (low/med): LOW_____ Date Received: 10/25/02

% Solids: 87.1_____

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	9.1			NR
7440-39-3	Barium	189	J	EN	P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium	49.1	J	N	P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	368	J	*	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	3.3			CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver	0.72	U	J	P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: _____ Clarity Before: _____

Texture: _____

Color After: _____ Clarity After: _____

Artifacts: _____

Comments:

NYSDEC - ASP
1
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

AREA A

Lab Name: FRIEND LABORATORY, INC. Contract: _____

Lab Code: 10252 Case No.: _____ SAS No.: _____ SDG No.: RICHMOND

Matrix (soil/water): SOIL_____ Lab Sample ID: L95927-8_____

Level (low/med): LOW_____ Date Received: 10/25/02

% Solids: 92.8_____

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	10.3			NR <i>ml</i>
7440-39-3	Barium	47.2		J EN	P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium	7.1		J N	P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	119		J *	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.96			CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver	0.70	U	J	P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

NYSDEC - ASP
1
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

AREA C

Lab Name: FRIEND LABORATORY, INC. Contract: _____

Lab Code: 10252 Case No.: _____ SAS No.: _____ SDG No.: RICHMOND

Matrix (soil/water): SOIL_____ Lab Sample ID: L95927-9_

Level (low/med): LOW_____ Date Received: 10/25/02

% Solids: 89.3_____

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	8.59			NR
7440-39-3	Barium	146		J EN	P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium	15.6		J N	P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	643		J *	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	1.2			CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver	0.71	U	J	P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: _____ Clarity Before: _____

Texture: _____

Color After: _____ Clarity After: _____

Artifacts: _____

Comments:

NYSDEC - ASP
1
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

AREA F TCLP

Lab Name: FRIEND LABORATORY, INC. Contract: _____

Lab Code: 10252 Case No.: _____ SAS No.: _____ SDG No.: RICHMOND

Matrix (soil/water): WATER_ Lab Sample ID: L96369-1_

Level (low/med): LOW_ Date Received: 10/25/02

% Solids: _____

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	370	U		P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: _____ Clarity Before: _____

Texture: _____

Color After: _____ Clarity After: _____

Artifacts: _____

Comments:



32 ITHACA STREET
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532
FAX (607) 565-4083

Date: 30-DEC-2002

Lab Sample ID: L98153-1

SLC Environmental Service, Inc.
Jerry Jones
295 Mill Street
Lockport, NY 14094

Sample Source: RICHMOND AVE. J02-007
Origin: RICH-1-1
Description: GRAB
Sampled On: 10-DEC-02 13:15 by CLIENT
Date Received: 12-DEC-02 12:19
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	91.4	%		16-DEC-02 19:48	CLP 3.0	02-123-21
EPA 8081						
4,4'-DDT	U	ug/kg	5	21-DEC-02 00:30	EPA 8081	02-097-7131
Extraction Information:				17-DEC-02 00:00	EPA 3550	02-090-65
Surrogate Recovery:						
Decachlorobiphenyl	73	%				02-097-7131
Tetrachloro-m-xylene	71	%				02-097-7131

Results calculated on a dry weight basis.

Approved by: 
Lab Director

Page 1 of 1
NY 10252 NJ 73168 PA 68180 EPA NY 00033

QC 

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligram per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

The information in this report is accurate to the best of our knowledge and ability. In no event shall our liability exceed the cost for these services. Your samples will be discarded after 14 days unless we are advised otherwise.