

FINAL

VOLUME III

Remedial Investigation Report

**Old Erie Canal Site
Clyde, New York**

**Parker Hannifin Corporation
Cleveland, Ohio**

**General Electric Company
Albany, New York**

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Surface Water Analytical Results

**Surface Water Quality Data
Volatile Organic Compound Results**

Appendix J-1
Surface Water Quality Data
Volatile Organic Compound Results

Old Erie Canal Site
Clyde, New York

Compound	SW-01 5/21/02	SW-02 5/21/02	SW-FD Dup. Of SW-02 5/21/02	SW-03 5/21/02	SW-04 5/21/02
1,1,1,2-Tetrachloroethane	---	---	---	---	---
1,1,1-Trichloroethane	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	1 U	1 U	1 U	0.28 J	0.26 J
1,1-Dichloroethene	1 U	1 U	1 U	1 U	1 U
1,1-Dichloropropene	---	---	---	---	---
1,2,3-Trichlorobenzene	---	---	---	---	---
1,2,3-Trichloropropane	---	---	---	---	---
1,2,4-Trichlorobenzene	---	---	---	---	---
1,2,4-Trimethylbenzene	---	---	---	---	---
1,2-Dibromo-3-chloropropane (DBCP)	---	---	---	---	---
1,2-Dibromoethane (EDB)	---	---	---	---	---
1,2-Dichlorobenzene	---	---	---	---	---
1,2-Dichloroethane	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	---	---	---	---	---
1,3-Dichlorobenzene	---	---	---	---	---
1,3-Dichloropropane	---	---	---	---	---
1,4-Dichlorobenzene	---	---	---	---	---
2,2-Dichloropropane	---	---	---	---	---
2-Butanone	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	---	---	---	---	---
2-Hexanone	5 U	5 U	5 U	5 U	5 U
2-Phenylbutane	---	---	---	---	---
3-Chlorotoluene	---	---	---	---	---
4-Chlorotoluene	---	---	---	---	---
4-Methyl-2-pentanone	5 U	5 U	5 U	5 U	5 U
Acetone	8.6	4.4 J	5 U	5 U	5 U
Benzene	1 U	1 U	1 U	1 U	1 U
Bromobenzene	---	---	---	---	---
Bromodichloromethane	1 U	1 U	1 U	1 U	1 U
Bromoform	1 U	1 U	1 U	1 U	1 U
Bromomethane	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	1 U	1 U	1 U	1 U	1 U
Chlorobromomethane	---	---	---	---	---
Chloroethane	1 U	1 U	1 U	1 U	1 U
Chloroform	1 U	1 U	1 U	1 U	1 U
Chloromethane	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	0.27 J	1 U	1 U	8.8	13
cis-1,3-Dichloropropene	1 U	1 U	1 U	1 U	1 U
Cymene	---	---	---	---	---
Dibromochloromethane	1 U	1 U	1 U	1 U	1 U
Dibromomethane	---	---	---	---	---
Dichloromonofluoromethane	---	---	---	---	---
Ethylbenzene	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	---	---	---	---	---
Isopropylbenzene	---	---	---	---	---

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Surface Water Quality Data
Volatile Organic Compound Results

Old Erie Canal Site
Clyde, New York

Compound	SW-01 5/21/02	SW-02 5/21/02	SW-FD Dup. Of SW-02 5/21/02	SW-03 5/21/02	SW-04 5/21/02
m&p-xylene	---	---	---	---	---
Methylene chloride	2 U	2 U	2 U	2 U	2 U
Naphthalene	---	---	---	---	---
n-Butylbenzene	---	---	---	---	---
n-Propylbenzene	---	---	---	---	---
o-Xylene	---	---	---	---	---
Styrene	1 U	1 U	1 U	1 U	1 U
tert-Butylbenzene	---	---	---	---	---
Tetrachloroethene	1 U	1 U	1 U	1 U	1 U
Toluene	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	1 U	1 U	1 U	1 U	1 U
Trichloroethene	0.27 J	1 U	1 U	8.4	8.8
Trichlorofluoromethane (CFC-11)	---	---	---	---	---
Vinyl chloride	1 U	1 U	1 U	1.8	0.84 J
Xylene (total)	3 U	3 U	3 U	3 U	3 U

Notes:

1. All units in ug/L.
2. All analyses performed by Severn Trent Laboratories, Inc. of Buffalo, New York.
3. Volatile organic compounds quantitated by EPA SW-846 Method 8260B.
4. "U" designates that the compound was not detected at or above the quantitation limit shown.
5. "J" designates that the detected concentration should be considered estimated because associated QC criteria was exceeded.
6. "B" designates that the compound was detected in the associated blank as well.
7. "- - -" designates compound not analyzed.

Appendix J-1
Surface Water Quality Data
Volatile Organic Compound Results

Old Erie Canal Site
Clyde, New York

Compound	SW-05 5/21/02	SW-05 11/21/02	SW-06 DRY	SW-07 5/21/02	SW-08 5/21/02
1,1,1,2-Tetrachloroethane	---	1 U	---	---	---
1,1,1-Trichloroethane	4 U	1 U	---	5 U	10 U
1,1,2,2-Tetrachloroethane	4 U	1 U	---	5 U	10 U
1,1,2-Trichloroethane	4 U	1 U	---	5 U	10 U
1,1-Dichloroethane	4 U	1 U	---	5 U	10 U
1,1-Dichloroethene	4 U	1 U	---	5 U	10 U
1,1-Dichloropropene	---	1 U	---	---	---
1,2,3-Trichlorobenzene	---	1 U	---	---	---
1,2,3-Trichloropropane	---	1 U	---	---	---
1,2,4-Trichlorobenzene	---	1 U	---	---	---
1,2,4-Trimethylbenzene	---	1 U	---	---	---
1,2-Dibromo-3-chloropropane (DBCP)	---	1 UJ	---	---	---
1,2-Dibromoethane (EDB)	---	1 U	---	---	---
1,2-Dichlorobenzene	---	1 U	---	---	---
1,2-Dichloroethane	4 U	1 U	---	5 U	10 U
1,2-Dichloropropane	4 U	1 U	---	5 U	10 U
1,3,5-Trimethylbenzene	---	1 U	---	---	---
1,3-Dichlorobenzene	---	1 U	---	---	---
1,3-Dichloropropane	---	1 U	---	---	---
1,4-Dichlorobenzene	---	1 U	---	---	---
2,2-Dichloropropane	---	1 U	---	---	---
2-Butanone	20 U	---	---	25 U	50 U
2-Chlorotoluene	---	1 U	---	---	---
2-Hexanone	20 U	---	---	25 U	50 U
2-Phenylbutane	---	1 U	---	---	---
3-Chlorotoluene	---	1 U	---	---	---
4-Chlorotoluene	---	1 U	---	---	---
4-Methyl-2-pentanone	20 U	---	---	25 U	50 U
Acetone	20 U	---	---	25 U	50 U
Benzene	4 U	1 U	---	5 U	10 U
Bromobenzene	---	1 U	---	---	---
Bromodichloromethane	4 U	1 U	---	5 U	10 U
Bromoform	4 U	1 U	---	5 U	10 U
Bromomethane	4 U	1 U	---	5 U	10 U
Carbon disulfide	4 U	---	---	5 U	10 U
Carbon tetrachloride	4 U	1 U	---	5 U	10 U
Chlorobenzene	4 U	1 U	---	5 U	10 U
Chlorobromomethane	---	1 U	---	---	---
Chloroethane	4 U	1 U	---	5 U	10 U
Chloroform	4 U	1 U	---	5 U	10 U
Chloromethane	4 U	1 U	---	5 U	10 U
cis-1,2-Dichloroethene	69	22	---	100	260
cis-1,3-Dichloropropene	4 U	1 U	---	5 U	10 U
Cymene	---	1 U	---	---	---
Dibromochloromethane	4 U	1 U	---	5 U	10 U
Dibromomethane	---	1 U	---	---	---
Dichloromonofluoromethane	---	1 U	---	---	---
Ethylbenzene	4 U	1 U	---	5 U	10 U
Hexachlorobutadiene	---	1 U	---	---	---
Isopropylbenzene	---	1 U	---	---	---

Appendix J-1
Surface Water Quality Data
Volatile Organic Compound Results

Old Erie Canal Site
Clyde, New York

Compound	SW-05 5/21/02	SW-05 11/21/02	SW-06 DRY	SW-07 5/21/02	SW-08 5/21/02
m&p-xylene	---	2 U	---	---	---
Methylene chloride	3.2 J	1 U	---	2 J	5 J
Naphthalene	---	1 U	---	---	---
n-Butylbenzene	---	1 U	---	---	---
n-Propylbenzene	---	1 U	---	---	---
o-Xylene	---	1 U	---	---	---
Styrene	4 U	1 U	---	5 U	10 U
tert-Butylbenzene	---	1 U	---	---	---
Tetrachloroethene	4 U	1 U	---	5 U	3.9 J
Toluene	4 U	1 U	---	5 U	10 U
trans-1,2-Dichloroethene	4 U	1 U	---	5 U	2 J
trans-1,3-Dichloropropene	4 U	1 U	---	5 U	10 U
Trichloroethene	6	8.7	---	1 J	59 B
Trichlorofluoromethane (CFC-11)	---	1 U	---	---	---
Vinyl chloride	1.4 J	17	---	5 U	3.4 J
Xylene (total)	12 U	---	---	15 U	30 U

Notes:

1. All units in ug/L.
2. All analyses performed by Severn Trent Laboratories, Inc. of Buffalo, New York.
3. Volatile organic compounds quantitated by EPA SW-846 Method 8260B.
4. "U" designates that the compound was not detected at or above the quantitation limit shown.
5. "J" designates that the detected concentration should be considered estimated because associated QC criteria was exceeded.
6. "B" designates that the compound was detected in the associated blank as well.
7. " - - " designates compound not analyzed.

Appendix J-1
Surface Water Quality Data
Volatile Organic Compound Results

Old Erie Canal Site
Clyde, New York

Compound	SW-09 5/21/02	SW-09 11/21/02	SW-10 11/21/02	OUTFALL 11/21/02
1,1,1,2-Tetrachloroethane	---	10 U	1 U	1 U
1,1,1-Trichloroethane	3.3 J	10 U	1 U	1 U
1,1,2,2-Tetrachloroethane	10 U	10 U	1 U	1 U
1,1,2-Trichloroethane	10 U	10 U	1 U	1 U
1,1-Dichloroethane	2.2 J	10 U	1 U	1 U
1,1-Dichloroethene	10 U	10 U	1 U	1 U
1,1-Dichloropropene	---	10 U	1 U	1 U
1,2,3-Trichlorobenzene	---	10 U	1 U	1 U
1,2,3-Trichloropropane	---	10 U	1 U	1 U
1,2,4-Trichlorobenzene	---	10 U	1 U	1 U
1,2,4-Trimethylbenzene	---	10 U	1 U	1 U
1,2-Dibromo-3-chloropropane (DBCP)	---	10 UJ	1 UJ	1 UJ
1,2-Dibromoethane (EDB)	---	10 U	1 U	1 U
1,2-Dichlorobenzene	---	10 U	1 U	1 U
1,2-Dichloroethane	10 U	10 U	1 U	1 U
1,2-Dichloropropane	10 U	10 U	1 U	1 U
1,3,5-Trimethylbenzene	---	10 U	1 U	1 U
1,3-Dichlorobenzene	---	10 U	1 U	1 U
1,3-Dichloropropane	---	10 U	1 U	1 U
1,4-Dichlorobenzene	---	10 U	1 U	1 U
2,2-Dichloropropane	---	10 U	1 U	1 U
2-Butanone	50 U	---	---	---
2-Chlorotoluene	---	10 U	1 U	1 U
2-Hexanone	50 U	---	---	---
2-Phenylbutane	---	10 U	1 U	1 U
3-Chlorotoluene	---	10 U	1 U	1 U
4-Chlorotoluene	---	10 U	1 U	1 U
4-Methyl-2-pentanone	50 U	---	---	---
Acetone	50 U	---	---	---
Benzene	10 U	10 U	1 U	1 U
Bromobenzene	---	10 U	1 U	1 U
Bromodichloromethane	10 U	10 U	1 U	1 U
Bromoform	10 U	10 U	1 U	1 U
Bromomethane	10 U	10 U	1 U	1 U
Carbon disulfide	10 U	---	---	---
Carbon tetrachloride	10 U	10 U	1 U	1 U
Chlorobenzene	10 U	10 U	1 U	1 U
Chlorobromomethane	---	10 U	1 U	1 U
Chloroethane	10 U	10 U	1 U	1 U
Chloroform	10 U	10 U	1 U	1 U
Chloromethane	10 U	10 U	1 U	1 U
cis-1,2-Dichloroethene	530 D	200	28	16
cis-1,3-Dichloropropene	10 U	10 U	1 U	1 U
Cymene	---	10 U	1 U	1 U
Dibromochloromethane	10 U	10 U	1 U	1 U
Dibromomethane	---	10 U	1 U	1 U
Dichloromonofluoromethane	---	10 U	1 U	1 U
Ethylbenzene	10 U	10 U	1 U	1 U
Hexachlorobutadiene	---	10 U	1 U	1 U
Isopropylbenzene	---	10 U	1 U	1 U

Appendix J-1
Surface Water Quality Data
Volatile Organic Compound Results

Old Erie Canal Site
Clyde, New York

Compound	SW-09 5/21/02	SW-09 11/21/02	SW-10 11/21/02	OUTFALL 11/21/02
m&p-xylene	---	20 U	2 U	2 U
Methylene chloride	6 J	10 U	1 U	1 U
Naphthalene	---	10 U	1 U	1 U
n-Butylbenzene	---	10 U	1 U	1 U
n-Propylbenzene	---	10 U	1 U	1 U
o-Xylene	---	10 U	1 U	1 U
Styrene	10 U	10 U	1 U	1 U
tert-Butylbenzene	---	10 U	1 U	1 U
Tetrachloroethene	8.7 J	10 U	1 U	1 U
Toluene	10 U	10 U	1 U	1 U
trans-1,2-Dichloroethene	3.9 J	10 U	1 U	1 U
trans-1,3-Dichloropropene	10 U	10 U	1 U	1 U
Trichloroethene	120 B	75	2.5	7.2
Trichlorofluoromethane (CFC-11)	---	10 U	1 U	1 U
Vinyl chloride	30	36	8	2.1
Xylene (total)	30 U	---	---	---

Notes:

1. All units in ug/L.
2. All analyses performed by Severn Trent Laboratories, Inc. of Buffalo, New York.
3. Volatile organic compounds quantitated by EPA SW-846 Method 8260B.
4. "U" designates that the compound was not detected at or above the quantitation limit shown.
5. "J" designates that the detected concentration should be considered estimated because associated QC criteria was exceeded.
6. "B" designates that the compound was detected in the associated blank as well.
7. "---" designates compound not analyzed.

**Surface Water Quality Data
Semi-Volatile Organic Compound Results**

Appendix J-2
Surface Water Quality Data
Semi-Volatile Organic Compound Results

Old Erie Canal Site
Clyde, New York

Compound	SW-01 5/21/02	SW-02 5/21/02	SW-FD SW-02 5/21/02	SW-03 5/21/02	SW-04 5/21/02
Acenaphthene	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	10 U	10 U	10 U	10 U	10 U
Anthracene	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene	10 U	10 U	10 U	10 U	10 U
Benzo(b)fluoranthene	10 U	1 J	10 U	10 U	5 J
Benzo(k)fluoranthene	10 U	0.7 J	10 U	10 U	4 J
Benzo(g,h,i)perylene	10 U	0.8 J	10 U	10 U	5 J
Benzo(a)pyrene	10 U	0.7 J	10 U	10 U	4 J
bis(2-Chloroethoxy)methane	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethyl)ether	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroisopropyl)ether	10 U	10 U	10 U	10 U	10 U
bis(2-Ethylhexyl)phthalate	10 U	10 U	10 U	10 U	10 U
4-Bromophenyl phenyl ether	10 U	10 U	10 U	10 U	10 U
Butyl benzylphthalate	10 U	10 U	10 U	10 U	10 U
4-Chloroaniline	10 U	10 U	10 U	10 U	10 U
4-Chloro-3-methylphenol	10 U	10 U	10 U	10 U	10 U
2-Chloronaphthalene	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol	10 U	10 U	10 U	10 U	10 U
4-Chlorophenyl phenyl ether	10 U	10 U	10 U	10 U	10 U
Chrysene	10 U	1 J	10 U	10 U	5 J
Dibenzo(a,h)anthracene	10 U	10 U	10 U	10 U	10 U
Dibenzofuran	10 U	10 U	10 U	10 U	10 U
Di-n-butylphthalate	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	20 U	20 U	20 U	20 U	20 U
2,4-Dichlorophenol	10 U	10 U	10 U	10 U	10 U
Diethyl phthalate	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	10 U	10 U	10 U	10 U	10 U
Dimethyl phthalate	10 U	10 U	10 U	10 U	10 U
4,6-Dinitro-2-methylphenol	25 U	25 U	25 U	25 U	25 U
2,4-Dinitrophenol	25 U	25 U	25 U	25 U	25 U
2,4-Dinitrotoluene	10 U	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	10 U	10 U	10 U	10 U	10 U
Di-n-octyl phthalate	10 U	10 U	10 U	3 J	10 U
Fluoranthene	10 U	2 J	10 U	10 U	8 J
Fluorene	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene	10 U	10 U	10 U	10 U	10 U
Hexachlorobutadiene	10 U	10 U	10 U	10 U	10 U
Hexachlorocyclopentadiene	10 U	10 U	10 U	10 U	10 U
Hexachloroethane	10 U	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene	10 U	0.7 J	10 U	10 U	4 J
Isophorone	10 U	10 U	10 U	10 U	10 U
2-Methyl naphthalene	10 U	10 U	10 U	10 U	10 U
2-Methylphenol	10 U	10 U	10 U	10 U	10 U
4-Methylphenol	10 U	10 U	10 U	10 U	10 U
Naphthalene	10 U	10 U	10 U	10 U	10 U
2-Nitroaniline	25 U	25 U	25 U	25 U	25 U
3-Nitroaniline	25 U	25 U	25 U	25 U	25 U

Appendix J-2
Surface Water Quality Data
Semi-Volatile Organic Compound Results

Old Erie Canal Site
Clyde, New York

Compound	SW-01 5/21/02	SW-02 5/21/02	SW-FD SW-02 5/21/02	SW-03 5/21/02	SW-04 5/21/02
4-Nitroaniline	25 U	25 U	25 U	25 U	25 U
Nitrobenzene	10 U	10 U	10 U	10 U	10 U
2-Nitrophenol	10 U	10 U	10 U	10 U	10 U
4-Nitrophenol	25 U	25 U	25 U	25 U	25 U
N-Nitrosodiphenylamine	10 U	10 U	10 U	10 U	10 U
N-Nitrosodi-n-propylamine	10 U	10 U	10 U	10 U	10 U
Pentachlorophenol	25 U	25 U	25 U	25 U	25 U
Phenanthrene	10 U	10 U	10 U	10 U	10 U
Phenol	10 U	10 U	10 U	10 U	10 U
Pyrene	10 U	1 J	10 U	10 U	6 J
1,2,4-Trichlorobenzene	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	10 U	10 U	10 U	10 U	10 U
2,4,6-Trichlorophenol	10 U	10 U	10 U	10 U	10 U

Notes:

1. All units in ug/L.
2. All analyses performed by Severn Trent Laboratories, Inc. of Buffalo, New York.
3. Semi-volatile organic compounds quantitated by EPA SW-846 Method 8270C.
4. "U" designates that the compound was not detected at or above the quantitation limit shown.
5. "J" designates that the detected concentration should be considered estimated because associated QC criteria was exceeded.

Appendix J-2
Surface Water Quality Data
Semi-Volatile Organic Compound Results

Old Erie Canal Site
Clyde, New York

Compound	SW-05 5/21/02	SW-07 5/21/02	SW-08 5/21/02	SW-09 5/21/02
Acenaphthene	10 U	10 U	10 U	10 U
Acenaphthylene	10 U	10 U	10 U	10 U
Anthracene	10 U	10 U	10 U	10 U
Benzo(a)anthracene	10 U	10 U	1 J	10 U
Benzo(b)fluoranthene	10 U	10 U	3 J	10 U
Benzo(k)fluoranthene	10 U	10 U	2 J	10 U
Benzo(g,h,i)perylene	10 U	10 U	3 J	10 U
Benzo(a)pyrene	10 U	10 U	2 J	10 U
bis(2-Chloroethoxy)methane	10 U	10 U	10 U	10 U
bis(2-Chloroethyl)ether	10 U	10 U	10 U	10 U
bis(2-Chloroisopropyl)ether	10 U	10 U	10 U	10 U
bis(2-Ethylhexyl)phthalate	10 U	10 U	10 U	10 U
4-Bromophenyl phenyl ether	10 U	10 U	10 U	10 U
Butyl benzylphthalate	10 U	10 U	10 U	10 U
4-Chloroaniline	10 U	10 U	10 U	10 U
4-Chloro-3-methylphenol	10 U	10 U	10 U	10 U
2-Chloronaphthalene	10 U	10 U	10 U	10 U
2-Chlorophenol	10 U	10 U	10 U	10 U
4-Chlorophenyl phenyl ether	10 U	10 U	10 U	10 U
Chrysene	10 U	10 U	3 J	10 U
Dibenzo(a,h)anthracene	10 U	10 U	0.6 J	10 U
Dibenzofuran	10 U	10 U	10 U	10 U
Di-n-butylphthalate	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	20 U	20 U	20 U	20 U
2,4-Dichlorophenol	10 U	10 U	10 U	10 U
Diethyl phthalate	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	10 U	10 U	10 U	10 U
Dimethyl phthalate	10 U	10 U	10 U	10 U
4,6-Dinitro-2-methylphenol	25 U	25 U	25 U	25 U
2,4-Dinitrophenol	25 U	25 U	25 U	25 U
2,4-Dinitrotoluene	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	10 U	10 U	10 U	10 U
Di-n-octyl phthalate	10 U	10 U	10 U	10 U
Fluoranthene	10 U	10 U	6 J	10 U
Fluorene	10 U	10 U	10 U	10 U
Hexachlorobenzene	10 U	10 U	10 U	10 U
Hexachlorobutadiene	10 U	10 U	10 U	10 U
Hexachlorocyclopentadiene	10 U	10 U	10 U	10 U
Hexachloroethane	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene	10 U	10 U	2 J	10 U
Isophorone	10 U	10 U	10 U	10 U
2-Methyl naphthalene	10 U	10 U	10 U	10 U
2-Methylphenol	10 U	10 U	10 U	10 U
4-Methylphenol	10 U	10 U	10 U	10 U
Naphthalene	10 U	10 U	10 U	10 U
2-Nitroaniline	25 U	25 U	25 U	25 U
3-Nitroaniline	25 U	25 U	25 U	25 U

Appendix J-2
Surface Water Quality Data
Semi-Volatile Organic Compound Results

Old Erie Canal Site
Clyde, New York

Compound	SW-05 5/21/02	SW-07 5/21/02	SW-08 5/21/02	SW-09 5/21/02
4-Nitroaniline	25 U	25 U	25 U	25 U
Nitrobenzene	10 U	10 U	10 U	10 U
2-Nitrophenol	10 U	10 U	10 U	10 U
4-Nitrophenol	25 U	25 U	25 U	25 U
N-Nitrosodiphenylamine	10 U	10 U	10 U	10 U
N-Nitrosodi-n-propylamine	10 U	10 U	10 U	10 U
Pentachlorophenol	25 U	2 J	25 U	25 U
Phenanthrene	10 U	10 U	2 J	10 U
Phenol	10 U	10 U	10 U	10 U
Pyrene	10 U	10 U	4 J	10 U
1,2,4-Trichlorobenzene	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	10 U	10 U	10 U	10 U
2,4,6-Trichlorophenol	10 U	10 U	10 U	10 U

Notes:

1. All units in ug/L.
2. All analyses performed by Severn Trent Laboratories, Inc. of Buffalo, New York.
3. Semi-volatile organic compounds quantitated by EPA SW-846 Method 8270C.
4. "U" designates that the compound was not detected at or above the quantitation limit shown.
5. "J" designates that the detected concentration should be considered estimated because associated QC criteria was exceeded.

**Surface Water Quality Data
PCB Results**

Appendix J-3
Surface Water Quality Data
PCB Results

Old Erie Canal Site
Clyde, New York

Compound	SW-01 5/21/02	SW-02 5/21/02	SW-FD Dup. Of SW-02 5/21/02	SW-03 5/21/02	SW-04 5/21/02
Aroclor 1016	0.49 U	0.57 U	0.51 U	0.5 U	0.5 U
Aroclor 1221	0.49 U	0.57 U	0.51 U	0.5 U	0.5 U
Aroclor 1232	0.49 U	0.57 U	0.51 U	0.5 U	0.5 U
Aroclor 1242	0.49 U	0.57 U	0.51 U	0.5 U	0.5 U
Aroclor 1248	0.49 U	0.57 U	0.51 U	0.5 U	0.5 U
Aroclor 1254	0.49 U	0.57 U	0.51 U	0.5 U	0.5 U
Aroclor 1260	0.49 U	0.57 U	0.51 U	0.5 U	0.5 U

Compound	SW-05 5/21/02	SW-07 5/21/02	SW-08 5/21/02	SW-09 5/21/02
Aroclor 1016	0.49 U	0.5 U	0.48 U	0.49 U
Aroclor 1221	0.49 U	0.5 U	0.48 U	0.49 U
Aroclor 1232	0.49 U	0.5 U	0.48 U	0.49 U
Aroclor 1242	0.49 U	0.5 U	0.48 U	0.49 U
Aroclor 1248	0.49 U	0.5 U	0.48 U	0.49 U
Aroclor 1254	0.49 U	0.5 U	0.48 U	0.49 U
Aroclor 1260	0.49 U	0.5 U	0.48 U	0.49 U

Notes:

1. All units in ug/L.
2. All analyses performed by Severn Trent Laboratories, Inc. of Buffalo, New York.
3. Polychlorinated Biphenyls quantitated by EPA SW-846 Method 8082B.
4. "U" designates that the compound was not detected at or above the quantitation limit shown.

**Surface Water Quality Data
Pesticides Results**

Appendix J-4
Surface Water Quality Data
Pesticides Results

Old Erie Canal Site
Clyde, New York

Compound	SW-01 5/21/02	SW-02 5/21/02	SW-FD SW-02 5/21/02	SW-03 5/21/02	SW-04 5/21/02
Aldrin	0.05 UJ	0.057 UJ	0.05 UJ	0.047 UJ	0.47 UJ
alpha-BHC	0.05 UJ	0.057 UJ	0.05 UJ	0.047 UJ	0.47 UJ
beta-BHC	0.05 UJ	0.057 UJ	0.05 UJ	0.047 UJ	0.47 UJ
gamma-BHC (Lindane)	0.05 UJ	0.057 UJ	0.05 UJ	0.047 UJ	0.47 UJ
delta-BHC	0.05 UJ	0.057 UJ	0.05 UJ	0.047 UJ	0.47 UJ
Chlordane	0.05 UJ	0.057 UJ	0.05 UJ	0.047 UJ	0.47 UJ
4,4'DDD	0.05 UJ	0.057 UJ	0.05 UJ	0.047 UJ	0.47 UJ
4,4'DDE	0.05 UJ	0.057 UJ	0.05 UJ	0.047 UJ	0.47 UJ
4,4'-DDT	0.05 UJ	0.057 UJ	0.05 UJ	0.047 UJ	0.47 UJ
Dieldrin	0.05 UJ	0.057 UJ	0.05 UJ	0.047 UJ	0.47 UJ
Endosulfan I	0.05 UJ	0.057 UJ	0.05 UJ	0.047 UJ	0.47 UJ
Endosulfan II	0.05 UJ	0.057 UJ	0.05 UJ	0.047 UJ	0.47 UJ
Endosulfan sulfate	0.05 UJ	0.057 UJ	0.05 UJ	0.047 UJ	0.47 UJ
Endrin	0.05 UJ	0.057 UJ	0.05 UJ	0.047 UJ	0.47 UJ
Endrin aldehyde	0.05 UJ	0.057 UJ	0.05 UJ	0.047 UJ	0.47 UJ
Heptachlor	0.05 UJ	0.057 UJ	0.05 UJ	0.047 UJ	0.47 UJ
Heptachlor epoxide	0.05 UJ	0.057 UJ	0.05 UJ	0.047 UJ	0.47 UJ
Methoxychlor	0.05 UJ	0.057 UJ	0.05 UJ	0.047 UJ	0.47 UJ
Toxaphene	0.099 UJ	0.11 UJ	0.1 UJ	0.094 UJ	0.94 UJ

Compound	SW-05 5/21/02	SW-07 5/21/02	SW-08 5/21/02	SW-09 5/21/02
Aldrin	0.048 UJ	0.05 UJ	0.047 UJ	0.048 UJ
alpha-BHC	0.048 UJ	0.05 UJ	0.047 UJ	0.048 UJ
beta-BHC	0.048 UJ	0.05 UJ	0.047 UJ	0.048 UJ
gamma-BHC (Lindane)	0.048 UJ	0.05 UJ	0.047 UJ	0.048 UJ
delta-BHC	0.048 UJ	0.05 UJ	0.047 UJ	0.048 UJ
Chlordane	0.048 UJ	0.05 UJ	0.047 UJ	0.048 UJ
4,4'DDD	0.048 UJ	0.05 UJ	0.047 UJ	0.048 UJ
4,4'DDE	0.048 UJ	0.05 UJ	0.047 UJ	0.048 UJ
4,4'-DDT	0.048 UJ	0.05 UJ	0.047 UJ	0.048 UJ
Dieldrin	0.048 UJ	0.05 UJ	0.047 UJ	0.048 UJ
Endosulfan I	0.048 UJ	0.05 UJ	0.047 UJ	0.048 UJ
Endosulfan II	0.048 UJ	0.05 UJ	0.047 UJ	0.048 UJ
Endosulfan sulfate	0.048 UJ	0.05 UJ	0.047 UJ	0.048 UJ
Endrin	0.048 UJ	0.05 UJ	0.047 UJ	0.048 UJ
Endrin aldehyde	0.048 UJ	0.05 UJ	0.047 UJ	0.048 UJ
Heptachlor	0.048 UJ	0.05 UJ	0.047 UJ	0.048 UJ
Heptachlor epoxide	0.048 UJ	0.05 UJ	0.047 UJ	0.048 UJ
Methoxychlor	0.048 UJ	0.05 UJ	0.047 UJ	0.048 UJ
Toxaphene	0.097 UJ	0.1 UJ	0.095 UJ	0.097 UJ

Notes:

1. All units in ug/L.
2. All analyses performed by Severn Trent Laboratories, Inc. of Buffalo, New York.
3. Pesticides quantitated by EPA SW-846 Method 8081A.
4. "U" designates that the compound was not detected at or above the quantitation limit shown.
5. "J" designates that the detected concentration should be considered estimated because associated QC criteria was exceeded.

**Surface Water Quality Data
Inorganic Compound Results**

Appendix J-5
Surface Water Quality Data
Inorganics Results

Old Erie Canal Site
Clyde, New York

Constituent	SW-01 5/21/02	SW-02 5/21/02	SW-FD SW-02 5/21/02	SW-03 5/21/02	SW-04 5/21/02
Aluminum	120 B	240	128 B	88.3 B	1950
Antimony	3.9 U	3.9 U	3.9 U	3.9 U	4.3 B
Arsenic	3.9 U	3.9 U	3.9 U	3.9 U	15.6
Barium	91.5 BJ	86.5 BJ	91.9 BJ	132 BJ	333 J
Beryllium	0.3 U	0.3 U	0.3 U	0.3 U	0.3 B
Cadmium	0.3 U	0.3 U	0.3 U	0.3 U	0.45 B
Calcium	127000 J	109000 J	110000 J	113000 J	126000 J
Chromium	1.2 B	0.9 U	0.9 U	0.9 U	7.4 B
Cobalt	0.7 U	0.7 U	0.7 U	0.7 U	2.9 B
Copper	0.7 U	0.7 U	0.7 U	0.7 U	17.9 B
Iron	951 J	798 J	605 J	3920 J	39600 J
Lead	4 J	5.7 J	4.2 J	3.9 J	53
Magnesium	22100 J	21500 J	21100 J	19700 J	22200 J
Manganese	110 J	87.4 J	68.8 J	144 J	1360 J
Nickel	1.6 B	1.3 U	1.3 U	1.3 U	6.6 B
Potassium	7430 J	6270 J	6360 J	5830 J	6890 J
Selenium	4.4 U	4.4 U	4.4 U	4.4 U	4.4 U
Mercury	0.092 U	0.092 U	0.092 U	0.092 U	0.092 U
Silver	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U
Sodium	59000 J	81600 J	74100 J	66800 J	69000 J
Thallium	5.3 U	5.3 U	5.3 U	5.3 U	5.3 U
Vanadium	0.7 U	0.7 U	0.7 U	0.7 U	7.7 B
Zinc	16.6 BJ	25.2 J	17.2 BJ	87.4 J	582

Constituent	SW-05 5/21/02	SW-07 5/21/02	SW-08 5/21/02	SW-09 5/21/02
Aluminum	86.2 B	92.8 B	1020	54.2 B
Antimony	3.9 U	3.9 U	3.9 U	3.9 U
Arsenic	3.9 U	3.9 U	12.7	7.5 B
Barium	120 BJ	54.2 BJ	395 J	96.4 BJ
Beryllium	0.36 B	0.3 U	0.3 U	0.3 U
Cadmium	0.3 U	0.41 B	0.45 B	0.3 U
Calcium	111000 J	95200 J	111000 J	103000 J
Chromium	0.9 U	0.9 U	6.6 B	1.6 B
Cobalt	0.7 U	0.7 U	1.7 B	0.7 U
Copper	0.7 U	0.7 U	10.7 B	0.7 U
Iron	359 J	192 J	15200 J	1630 J
Lead	2.4 U	2.6 BJ	32.4	2.4 U
Magnesium	20100 J	14800 J	21400 J	23900 J
Manganese	40.4 J	145 J	1510 J	561 J
Nickel	1.3 U	2.5 B	4 B	1.4 B
Potassium	5710 J	2730 BJ	6970 J	8590 J
Selenium	4.4 U	4.4 U	4.4 U	4.4 U
Mercury	0.092 U	0.092 U	0.092 U	0.092 U
Silver	0.9 U	0.9 U	0.9 U	0.9 U
Sodium	65500 J	31100 J	59800 J	64200 J
Thallium	5.3 U	5.3 U	5.3 U	5.3 U
Vanadium	0.7 U	0.7 U	5.6 B	0.7 U
Zinc	21 J	10.1 BJ	364	36.4 J

Notes:

1. All units in ug/L.
2. All analyses performed by Severn Trent Laboratories, Inc. of Buffalo, New York.
3. TAL Metals quantitated by EPA SW-486 Method 6010 and 7470A.
4. "U" designates that the compound was not detected at or above the quantitation limit shown.
5. "B" designates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
6. "J" designates that the detected concentration should be considered estimated because associated QC criteria was exceeded.

**Surface Water Quality Data
Wet Chemistry Results**

Appendix J-6
Surface Water Quality Data
Wet Chemistry Results

Old Erie Canal Site
Clyde, New York

Constituent	SW-01 5/21/02	SW-02 5/21/02	SW-FD SW-02 5/21/02	SW-03 5/21/02	SW-04 5/21/02
Leachable pH	7.77	7.88	7.94	7.73	7.91
Cyanide - Total	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U

Constituent	SW-05 5/21/02	SW-07 5/21/02	SW-08 5/21/02	SW-09 5/21/02
Leachable pH	7.96	7.93	7.70	7.36
Cyanide - Total	10.0 U	10.0 U	10.0 U	10.0 U

Notes:

1. Units for total cyanide in ug/L. Units for pH in standard units.
2. All analyses performed by Severn Trent Laboratories, Inc. of Buffalo, New York.
3. Total Cyanide quantitated by EPA SW-846 Method 9012.
Leachable pH quantitated by EPA SW-846 Method 9045.
4. "U" designates that the compound was not detected at or above the quantitation limit shown.

**Surface Water Laboratory
Reporting Forms**

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

000011

Client No.

Lab Name: STL Buffalo

Contract: _____

RI SW-01

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

Matrix: (soil/water) WATER

Lab Sample ID: A2517308

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: P9790.RR

Level: (low/med) LOW

Date Samp/Recv: 05/21/2002 05/22/2002

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 05/29/2002

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/L	
67-64-1-----	Acetone		8.6	
71-43-2-----	Benzene		1.0	U
75-27-4-----	Bromodichloromethane		1.0	U
75-25-2-----	Bromoform		1.0	U
74-83-9-----	Bromomethane		1.0	U
78-93-3-----	2-Butanone		5.0	U
75-15-0-----	Carbon Disulfide		1.0	U
56-23-5-----	Carbon Tetrachloride		1.0	U
108-90-7-----	Chlorobenzene		1.0	U
75-00-3-----	Chloroethane		1.0	U
67-66-3-----	Chloroform		1.0	U
74-87-3-----	Chloromethane		1.0	U
124-48-1-----	Dibromochloromethane		1.0	U
75-34-3-----	1,1-Dichloroethane		1.0	U
107-06-2-----	1,2-Dichloroethane		1.0	U
75-35-4-----	1,1-Dichloroethene		1.0	U
156-59-2-----	cis-1,2-Dichloroethene		0.27	J
156-60-5-----	trans-1,2-Dichloroethene		1.0	U
78-87-5-----	1,2-Dichloropropane		1.0	U
10061-01-5----	cis-1,3-Dichloropropene		1.0	U
10061-02-6----	trans-1,3-Dichloropropene		1.0	U
100-41-4-----	Ethylbenzene		1.0	U
591-78-6-----	2-Hexanone		5.0	U
75-09-2-----	Methylene chloride		2.0	U
108-10-1-----	4-Methyl-2-pentanone		5.0	U
100-42-5-----	Styrene		1.0	U
79-34-5-----	1,1,2,2-Tetrachloroethane		1.0	U
127-18-4-----	Tetrachloroethene		1.0	U
108-88-3-----	Toluene		1.0	U
71-55-6-----	1,1,1-Trichloroethane		1.0	U
79-00-5-----	1,1,2-Trichloroethane		1.0	U
79-01-6-----	Trichloroethene		0.27	J
75-01-4-----	Vinyl chloride		1.0	U
1330-20-7-----	Total Xylenes		3.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

000012

Client No.

Lab Name: STL Buffalo

Contract: _____

RI SW-02

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A2517307

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: P9793.RR

Level: (low/med) LOW

Date Samp/Recv: 05/21/2002 05/22/2002

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 05/29/2002

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/L Q
67-64-1-----	Acetone	4.4	J
71-43-2-----	Benzene	1.0	U
75-27-4-----	Bromodichloromethane	1.0	U
75-25-2-----	Bromoform	1.0	U
74-83-9-----	Bromomethane	1.0	U
78-93-3-----	2-Butanone	5.0	U
75-15-0-----	Carbon Disulfide	1.0	U
56-23-5-----	Carbon Tetrachloride	1.0	U
108-90-7-----	Chlorobenzene	1.0	U
75-00-3-----	Chloroethane	1.0	U
67-66-3-----	Chloroform	1.0	U
74-87-3-----	Chloromethane	1.0	U
124-48-1-----	Dibromochloromethane	1.0	U
75-34-3-----	1,1-Dichloroethane	1.0	U
107-06-2-----	1,2-Dichloroethane	1.0	U
75-35-4-----	1,1-Dichloroethene	1.0	U
156-59-2-----	cis-1,2-Dichloroethene	1.0	U
156-60-5-----	trans-1,2-Dichloroethene	1.0	U
78-87-5-----	1,2-Dichloropropane	1.0	U
10061-01-5----	cis-1,3-Dichloropropene	1.0	U
10061-02-6----	trans-1,3-Dichloropropene	1.0	U
100-41-4-----	Ethylbenzene	1.0	U
591-78-6-----	2-Hexanone	5.0	U
75-09-2-----	Methylene chloride	2.0	U
108-10-1-----	4-Methyl-2-pentanone	5.0	U
100-42-5-----	Styrene	1.0	U
79-34-5-----	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4-----	Tetrachloroethene	1.0	U
108-88-3-----	Toluene	1.0	U
71-55-6-----	1,1,1-Trichloroethane	1.0	U
79-00-5-----	1,1,2-Trichloroethane	1.0	U
79-01-6-----	Trichloroethene	1.0	U
75-01-4-----	Vinyl chloride	1.0	U
1330-20-7-----	Total Xylenes	3.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

000010

Client No.

Lab Name: STL Buffalo

Contract: _____

RI SW FD

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

DUP of SW-02

Matrix: (soil/water) WATER

Lab Sample ID: A2517310

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: P9792.RR

Level: (low/med) LOW

Date Samp/Recv: 05/21/2002 05/22/2002

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 05/29/2002

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/L Q
67-64-1-----	Acetone	5.0	U
71-43-2-----	Benzene	1.0	U
75-27-4-----	Bromodichloromethane	1.0	U
75-25-2-----	Bromoform	1.0	U
74-83-9-----	Bromomethane	1.0	U
78-93-3-----	2-Butanone	5.0	U
75-15-0-----	Carbon Disulfide	1.0	U
56-23-5-----	Carbon Tetrachloride	1.0	U
108-90-7-----	Chlorobenzene	1.0	U
75-00-3-----	Chloroethane	1.0	U
67-66-3-----	Chloroform	1.0	U
74-87-3-----	Chloromethane	1.0	U
124-48-1-----	Dibromochloromethane	1.0	U
75-34-3-----	1,1-Dichloroethane	1.0	U
107-06-2-----	1,2-Dichloroethane	1.0	U
75-35-4-----	1,1-Dichloroethene	1.0	U
156-59-2-----	cis-1,2-Dichloroethene	1.0	U
156-60-5-----	trans-1,2-Dichloroethene	1.0	U
78-87-5-----	1,2-Dichloropropane	1.0	U
10061-01-5----	cis-1,3-Dichloropropene	1.0	U
10061-02-6----	trans-1,3-Dichloropropene	1.0	U
100-41-4-----	Ethylbenzene	1.0	U
591-78-6-----	2-Hexanone	5.0	U
75-09-2-----	Methylene chloride	2.0	U
108-10-1-----	4-Methyl-2-pentanone	5.0	U
100-42-5-----	Styrene	1.0	U
79-34-5-----	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4-----	Tetrachloroethene	1.0	U
108-88-3-----	Toluene	1.0	U
71-55-6-----	1,1,1-Trichloroethane	1.0	U
79-00-5-----	1,1,2-Trichloroethane	1.0	U
79-01-6-----	Trichloroethene	1.0	U
75-01-4-----	Vinyl chloride	1.0	U
1330-20-7-----	Total Xylenes	3.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

000013

Client No.

Lab Name: STL Buffalo

Contract: _____

RI SW-03

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A2517306

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: P9789.RR

Level: (low/med) LOW

Date Samp/Recv: 05/21/2002 05/22/2002

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 05/29/2002

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/L Q
67-64-1-----	Acetone	5.0	U
71-43-2-----	Benzene	1.0	U
75-27-4-----	Bromodichloromethane	1.0	U
75-25-2-----	Bromoform	1.0	U
74-83-9-----	Bromomethane	1.0	U
78-93-3-----	2-Butanone	5.0	U
75-15-0-----	Carbon Disulfide	1.0	U
56-23-5-----	Carbon Tetrachloride	1.0	U
108-90-7-----	Chlorobenzene	1.0	U
75-00-3-----	Chloroethane	1.0	U
67-66-3-----	Chloroform	1.0	U
74-87-3-----	Chloromethane	1.0	U
124-48-1-----	Dibromochloromethane	1.0	U
75-34-3-----	1,1-Dichloroethane	0.28	J
107-06-2-----	1,2-Dichloroethane	1.0	U
75-35-4-----	1,1-Dichloroethene	1.0	U
156-59-2-----	cis-1,2-Dichloroethene	8.8	
156-60-5-----	trans-1,2-Dichloroethene	1.0	U
78-87-5-----	1,2-Dichloropropane	1.0	U
10061-01-5----	cis-1,3-Dichloropropene	1.0	U
10061-02-6----	trans-1,3-Dichloropropene	1.0	U
100-41-4-----	Ethylbenzene	1.0	U
591-78-6-----	2-Hexanone	5.0	U
75-09-2-----	Methylene chloride	2.0	U
108-10-1-----	4-Methyl-2-pentanone	5.0	U
100-42-5-----	Styrene	1.0	U
79-34-5-----	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4-----	Tetrachloroethene	1.0	U
108-88-3-----	Toluene	1.0	U
71-55-6-----	1,1,1-Trichloroethane	1.0	U
79-00-5-----	1,1,2-Trichloroethane	1.0	U
79-01-6-----	Trichloroethene	8.4	
75-01-4-----	Vinyl chloride	1.8	
1330-20-7-----	Total Xylenes	3.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

000014

Client No.

Lab Name: STL Buffalo

Contract: _____

RI SW-04

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

Matrix: (soil/water) WATER

Lab Sample ID: A2517303

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: P9787.RR

Level: (low/med) LOW

Date Samp/Recv: 05/21/2002 05/22/2002

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 05/29/2002

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/L Q
67-64-1-----	Acetone	5.0	U
71-43-2-----	Benzene	1.0	U
75-27-4-----	Bromodichloromethane	1.0	U
75-25-2-----	Bromoform	1.0	U
74-83-9-----	Bromomethane	1.0	U
78-93-3-----	2-Butanone	5.0	U
75-15-0-----	Carbon Disulfide	1.0	U
56-23-5-----	Carbon Tetrachloride	1.0	U
108-90-7-----	Chlorobenzene	1.0	U
75-00-3-----	Chloroethane	1.0	U
67-66-3-----	Chloroform	1.0	U
74-87-3-----	Chloromethane	1.0	U
124-48-1-----	Dibromochloromethane	1.0	U
75-34-3-----	1,1-Dichloroethane	0.26	J
107-06-2-----	1,2-Dichloroethane	1.0	U
75-35-4-----	1,1-Dichloroethene	1.0	U
156-59-2-----	cis-1,2-Dichloroethene	13	
156-60-5-----	trans-1,2-Dichloroethene	1.0	U
78-87-5-----	1,2-Dichloropropane	1.0	U
10061-01-5----	cis-1,3-Dichloropropene	1.0	U
10061-02-6----	trans-1,3-Dichloropropene	1.0	U
100-41-4-----	Ethylbenzene	1.0	U
591-78-6-----	2-Hexanone	5.0	U
75-09-2-----	Methylene chloride	2.0	U
108-10-1-----	4-Methyl-2-pentanone	5.0	U
100-42-5-----	Styrene	1.0	U
79-34-5-----	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4-----	Tetrachloroethene	1.0	U
108-88-3-----	Toluene	1.0	U
71-55-6-----	1,1,1-Trichloroethane	1.0	U
79-00-5-----	1,1,2-Trichloroethane	1.0	U
79-01-6-----	Trichloroethene	8.8	
75-01-4-----	Vinyl chloride	0.84	J
1330-20-7-----	Total Xylenes	3.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

000015

Client No.

RI SW-05

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A2517302

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: P9786.RR

Level: (low/med) LOW

Date Samp/Recv: 05/21/2002 05/22/2002

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 05/29/2002

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 4.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

67-64-1-----	Acetone	20	U
71-43-2-----	Benzene	4.0	U
75-27-4-----	Bromodichloromethane	4.0	U
75-25-2-----	Bromoform	4.0	U
74-83-9-----	Bromomethane	4.0	U
78-93-3-----	2-Butanone	20	U
75-15-0-----	Carbon Disulfide	4.0	U
56-23-5-----	Carbon Tetrachloride	4.0	U
108-90-7-----	Chlorobenzene	4.0	U
75-00-3-----	Chloroethane	4.0	U
67-66-3-----	Chloroform	4.0	U
74-87-3-----	Chloromethane	4.0	U
124-48-1-----	Dibromochloromethane	4.0	U
75-34-3-----	1,1-Dichloroethane	4.0	U
107-06-2-----	1,2-Dichloroethane	4.0	U
75-35-4-----	1,1-Dichloroethene	4.0	U
156-59-2-----	cis-1,2-Dichloroethene	69	
156-60-5-----	trans-1,2-Dichloroethene	4.0	U
78-87-5-----	1,2-Dichloropropane	4.0	U
10061-01-5----	cis-1,3-Dichloropropene	4.0	U
10061-02-6----	trans-1,3-Dichloropropene	4.0	U
100-41-4-----	Ethylbenzene	4.0	U
591-78-6-----	2-Hexanone	20	U
75-09-2-----	Methylene chloride	3.2	J
108-10-1-----	4-Methyl-2-pentanone	20	U
100-42-5-----	Styrene	4.0	U
79-34-5-----	1,1,2,2-Tetrachloroethane	4.0	U
127-18-4-----	Tetrachloroethene	4.0	U
108-88-3-----	Toluene	4.0	U
71-55-6-----	1,1,1-Trichloroethane	4.0	U
79-00-5-----	1,1,2-Trichloroethane	4.0	U
79-01-6-----	Trichloroethene	6.0	
75-01-4-----	Vinyl chloride	1.4	J
1330-20-7-----	Total Xylenes	12	U

METHOD 8260 - VOLATILE ORGANICS
ANALYSIS DATA SHEET

A02-B695

000010
Client No.

RI SW-5

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A2B69501

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L6381.RR

Level: (low/med) LOW Date Samp/Recv: 11/21/2002 11/22/2002

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 11/30/2002

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/L Q
71-43-2	Benzene	1.0	U
108-86-1	Bromobenzene	1.0	U
74-97-5	Bromochloromethane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
108-41-8	m-Chlorotoluene	1.0	U
95-49-8	o-Chlorotoluene	1.0	U
106-43-4	p-Chlorotoluene	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U J
106-93-4	1,2-Dibromoethane	1.0	U
74-95-3	Dibromomethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-43-4	Dichlorofluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	22	
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U
594-20-7	2,2-Dichloropropane	1.0	U
563-58-6	1,1-Dichloropropene	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U

METHOD 8260 - VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No. **000012**

RI SW-5

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A2B69501

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L6381.RR

Level: (low/med) LOW Date Samp/Recv: 11/21/2002 11/22/2002

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 11/30/2002

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
108-67-8-----	1,3,5-Trimethylbenzene	1.0	U	
99-87-6-----	p-Cymene	1.0	U	
100-41-4-----	Ethylbenzene	1.0	U	
87-68-3-----	Hexachlorobutadiene	1.0	U	
98-82-8-----	Isopropylbenzene	1.0	U	
103-65-1-----	n-Propylbenzene	1.0	U	
104-51-8-----	n-Butylbenzene	1.0	U	
98-06-6-----	tert-Butylbenzene	1.0	U	
135-98-8-----	sec-Butylbenzene	1.0	U	
75-09-2-----	Methylene chloride	1.0	U	
91-20-3-----	Naphthalene	1.0	U	
100-42-5-----	Styrene	1.0	U	
630-20-6-----	1,1,1,2-Tetrachloroethane	1.0	U	
79-34-5-----	1,1,2,2-Tetrachloroethane	1.0	U	
127-18-4-----	Tetrachloroethene	1.0	U	
108-88-3-----	Toluene	1.0	U	
87-61-6-----	1,2,3-Trichlorobenzene	1.0	U	
120-82-1-----	1,2,4-Trichlorobenzene	1.0	U	
71-55-6-----	1,1,1-Trichloroethane	1.0	U	
79-00-5-----	1,1,2-Trichloroethane	1.0	U	
79-01-6-----	Trichloroethene	8.7		
75-69-4-----	Trichlorofluoromethane	1.0	U	
96-18-4-----	1,2,3-Trichloropropane	1.0	U	
75-01-4-----	Vinyl chloride	17		
95-47-6-----	o-Xylene	1.0	U	
-----	m/p-Xylenes	2.0	U	

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

000016

Client No.

RI SW-07

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A2517301

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: P9785.RR

Level: (low/med) LOW

Date Samp/Recv: 05/21/2002 05/22/2002

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 05/29/2002

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 5.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

67-64-1-----	Acetone	25	U
71-43-2-----	Benzene	5.0	U
75-27-4-----	Bromodichloromethane	5.0	U
75-25-2-----	Bromoform	5.0	U
74-83-9-----	Bromomethane	5.0	U
78-93-3-----	2-Butanone	25	U
75-15-0-----	Carbon Disulfide	5.0	U
56-23-5-----	Carbon Tetrachloride	5.0	U
108-90-7-----	Chlorobenzene	5.0	U
75-00-3-----	Chloroethane	5.0	U
67-66-3-----	Chloroform	5.0	U
74-87-3-----	Chloromethane	5.0	U
124-48-1-----	Dibromochloromethane	5.0	U
75-34-3-----	1,1-Dichloroethane	5.0	U
107-06-2-----	1,2-Dichloroethane	5.0	U
75-35-4-----	1,1-Dichloroethene	5.0	U
156-59-2-----	cis-1,2-Dichloroethene	100	
156-60-5-----	trans-1,2-Dichloroethene	5.0	U
78-87-5-----	1,2-Dichloropropane	5.0	U
10061-01-5----	cis-1,3-Dichloropropene	5.0	U
10061-02-6----	trans-1,3-Dichloropropene	5.0	U
100-41-4-----	Ethylbenzene	5.0	U
591-78-6-----	2-Hexanone	25	U
75-09-2-----	Methylene chloride	2.0	J
108-10-1-----	4-Methyl-2-pentanone	25	U
100-42-5-----	Styrene	5.0	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4-----	Tetrachloroethene	5.0	U
108-88-3-----	Toluene	5.0	U
71-55-6-----	1,1,1-Trichloroethane	5.0	U
79-00-5-----	1,1,2-Trichloroethane	5.0	U
79-01-6-----	Trichloroethene	1.0	J
75-01-4-----	Vinyl chloride	5.0	U
1330-20-7-----	Total Xylenes	15	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

000017

Client No.

RI SW-08

Lab Name: STL Buffalo

Contract: _____

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

Matrix: (soil/water) WATER

Lab Sample ID: A2517304

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: P9769.RR

Level: (low/med) LOW

Date Samp/Recv: 05/21/2002 05/22/2002

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 05/28/2002

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 10.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

67-64-1-----	Acetone	50	U
71-43-2-----	Benzene	10	U
75-27-4-----	Bromodichloromethane	10	U
75-25-2-----	Bromoform	10	U
74-83-9-----	Bromomethane	10	U
78-93-3-----	2-Butanone	50	U
75-15-0-----	Carbon Disulfide	10	U
56-23-5-----	Carbon Tetrachloride	10	U
108-90-7-----	Chlorobenzene	10	U
75-00-3-----	Chloroethane	10	U
67-66-3-----	Chloroform	10	U
74-87-3-----	Chloromethane	10	U
124-48-1-----	Dibromochloromethane	10	U
75-34-3-----	1,1-Dichloroethane	10	U
107-06-2-----	1,2-Dichloroethane	10	U
75-35-4-----	1,1-Dichloroethene	10	U
156-59-2-----	cis-1,2-Dichloroethene	260	
156-60-5-----	trans-1,2-Dichloroethene	2.0	J
78-87-5-----	1,2-Dichloropropane	10	U
10061-01-5----	cis-1,3-Dichloropropene	10	U
10061-02-6----	trans-1,3-Dichloropropene	10	U
100-41-4-----	Ethylbenzene	10	U
591-78-6-----	2-Hexanone	50	U
75-09-2-----	Methylene chloride	5.0	J
108-10-1-----	4-Methyl-2-pentanone	50	U
100-42-5-----	Styrene	10	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10	U
127-18-4-----	Tetrachloroethene	3.9	J
108-88-3-----	Toluene	10 3.1	BU
71-55-6-----	1,1,1-Trichloroethane	10	U
79-00-5-----	1,1,2-Trichloroethane	10	U
79-01-6-----	Trichloroethene	59	B
75-01-4-----	Vinyl chloride	3.4	J
1330-20-7-----	Total Xylenes	30	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

000018

Client No.

RI SW-09

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A2517305

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: P9770.RR

Level: (low/med) LOW

Date Samp/Recv: 05/21/2002 05/22/2002

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 05/29/2002

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 10.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
67-64-1	Acetone		50	U
71-43-2	Benzene		10	U
75-27-4	Bromodichloromethane		10	U
75-25-2	Bromoform		10	U
74-83-9	Bromomethane		10	U
78-93-3	2-Butanone		50	U
75-15-0	Carbon Disulfide		10	U
56-23-5	Carbon Tetrachloride		10	U
108-90-7	Chlorobenzene		10	U
75-00-3	Chloroethane		10	U
67-66-3	Chloroform		10	U
74-87-3	Chloromethane		10	U
124-48-1	Dibromochloromethane		10	U
75-34-3	1,1-Dichloroethane		2.2	J
107-06-2	1,2-Dichloroethane		10	U
75-35-4	1,1-Dichloroethene		10	U
156-59-2	cis-1,2-Dichloroethene	530	540	E
156-60-5	trans-1,2-Dichloroethene		3.9	J
78-87-5	1,2-Dichloropropane		10	U
10061-01-5	cis-1,3-Dichloropropene		10	U
10061-02-6	trans-1,3-Dichloropropene		10	U
100-41-4	Ethylbenzene		10	U
591-78-6	2-Hexanone		50	U
75-09-2	Methylene chloride		6.0	J
108-10-1	4-Methyl-2-pentanone		50	U
100-42-5	Styrene		10	U
79-34-5	1,1,2,2-Tetrachloroethane		10	U
127-18-4	Tetrachloroethene		8.7	J
108-88-3	Toluene	10	3.9	U
71-55-6	1,1,1-Trichloroethane		3.3	J
79-00-5	1,1,2-Trichloroethane		10	U
79-01-6	Trichloroethene		120	B
75-01-4	Vinyl chloride		30	
1330-20-7	Total Xylenes		30	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

000019

Client No.

RI SW-09 DL

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A2517305DL

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: P9788.RR

Level: (low/med) LOW

Date Samp/Recv: 05/21/2002 05/22/2002

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 05/29/2002

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 20.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
67-64-1-----	Acetone		100	U
71-43-2-----	Benzene		20	U
75-27-4-----	Bromodichloromethane		20	U
75-25-2-----	Bromoform		20	U
74-83-9-----	Bromomethane		20	U
78-93-3-----	2-Butanone		100	U
75-15-0-----	Carbon Disulfide		20	U
56-23-5-----	Carbon Tetrachloride		20	U
108-90-7-----	Chlorobenzene		20	U
75-00-3-----	Chloroethane		20	U
67-66-3-----	Chloroform		20	U
74-87-3-----	Chloromethane		20	U
124-48-1-----	Dibromochloromethane		20	U
75-34-3-----	1,1-Dichloroethane		20	U
107-06-2-----	1,2-Dichloroethane		20	U
75-35-4-----	1,1-Dichloroethene		20	U
156-59-2-----	cis-1,2-Dichloroethene		530	D
156-60-5-----	trans-1,2-Dichloroethene		20	U
78-87-5-----	1,2-Dichloropropane		20	U
10061-01-5----	cis-1,3-Dichloropropene		20	U
10061-02-6----	trans-1,3-Dichloropropene		20	U
100-41-4-----	Ethylbenzene		20	U
591-78-6-----	2-Hexanone		100	U
75-09-2-----	Methylene chloride		13	DJ
108-10-1-----	4-Methyl-2-pentanone		100	U
100-42-5-----	Styrene		20	U
79-34-5-----	1,1,2,2-Tetrachloroethane		20	U
127-18-4-----	Tetrachloroethene		8.6	DJ
108-88-3-----	Toluene		10	BDJ
71-55-6-----	1,1,1-Trichloroethane		20	U
79-00-5-----	1,1,2-Trichloroethane		20	U
79-01-6-----	Trichloroethene		120	D
75-01-4-----	Vinyl chloride		26	D
1330-20-7-----	Total Xylenes		60	U

METHOD 8260 - VOLATILE ORGANICS
ANALYSIS DATA SHEET

000012
Client No.

RI SW-9

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A2B69502

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L6380.RR

Level: (low/med) LOW Date Samp/Recv: 11/21/2002 11/22/2002

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 11/30/2002

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 10.00

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

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
71-43-2-----	Benzene		10	U
108-86-1-----	Bromobenzene		10	U
74-97-5-----	Bromochloromethane		10	U
75-27-4-----	Bromodichloromethane		10	U
75-25-2-----	Bromoform		10	U
74-83-9-----	Bromomethane		10	U
56-23-5-----	Carbon Tetrachloride		10	U
108-90-7-----	Chlorobenzene		10	U
75-00-3-----	Chloroethane		10	U
67-66-3-----	Chloroform		10	U
74-87-3-----	Chloromethane		10	U
124-48-1-----	Dibromochloromethane		10	U
108-41-8-----	m-Chlorotoluene		10	U
95-49-8-----	o-Chlorotoluene		10	U
106-43-4-----	p-Chlorotoluene		10	U
96-12-8-----	1,2-Dibromo-3-chloropropane		10	U
106-93-4-----	1,2-Dibromoethane		10	U
74-95-3-----	Dibromomethane		10	U
95-50-1-----	1,2-Dichlorobenzene		10	U
541-73-1-----	1,3-Dichlorobenzene		10	U
106-46-7-----	1,4-Dichlorobenzene		10	U
75-43-4-----	Dichlorofluoromethane		10	U
75-34-3-----	1,1-Dichloroethane		10	U
107-06-2-----	1,2-Dichloroethane		10	U
75-35-4-----	1,1-Dichloroethene		10	U
156-59-2-----	cis-1,2-Dichloroethene		200	
156-60-5-----	trans-1,2-Dichloroethene		10	U
78-87-5-----	1,2-Dichloropropane		10	U
142-28-9-----	1,3-Dichloropropane		10	U
594-20-7-----	2,2-Dichloropropane		10	U
563-58-6-----	1,1-Dichloropropene		10	U
10061-01-5----	cis-1,3-Dichloropropene		10	U
10061-02-6----	trans-1,3-Dichloropropene		10	U
95-63-6-----	1,2,4-Trimethylbenzene		10	U

METHOD 8260 - VOLATILE ORGANICS
ANALYSIS DATA SHEET

000013

Client No.

RI SW-9

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A2B69502

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L6380.RR

Level: (low/med) LOW Date Samp/Recv: 11/21/2002 11/22/2002

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 11/30/2002

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 10.00

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

108-67-8-----	1,3,5-Trimethylbenzene	10	U
99-87-6-----	p-Cymene	10	U
100-41-4-----	Ethylbenzene	10	U
87-68-3-----	Hexachlorobutadiene	10	U
98-82-8-----	Isopropylbenzene	10	U
103-65-1-----	n-Propylbenzene	10	U
104-51-8-----	n-Butylbenzene	10	U
98-06-6-----	tert-Butylbenzene	10	U
135-98-8-----	sec-Butylbenzene	10	U
75-09-2-----	Methylene chloride	10	U
91-20-3-----	Naphthalene	10	U
100-42-5-----	Styrene	10	U
630-20-6-----	1,1,1,2-Tetrachloroethane	10	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10	U
127-18-4-----	Tetrachloroethene	10	U
108-88-3-----	Toluene	10	U
87-61-6-----	1,2,3-Trichlorobenzene	10	U
120-82-1-----	1,2,4-Trichlorobenzene	10	U
71-55-6-----	1,1,1-Trichloroethane	10	U
79-00-5-----	1,1,2-Trichloroethane	10	U
79-01-6-----	Trichloroethene	75	
75-69-4-----	Trichlorofluoromethane	10	U
96-18-4-----	1,2,3-Trichloropropane	10	U
75-01-4-----	Vinyl chloride	36	
95-47-6-----	o-Xylene	10	U
-----	m/p-Xylenes	20	U

METHOD 8260 - VOLATILE ORGANICS
ANALYSIS DATA SHEET

000006

A02-B666

Client No.

RI SW-10

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A2B66601

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: L6165.RR

Level: (low/med) LOW

Date Samp/Recv: 11/21/2002 11/22/2002

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 11/23/2002

GC Column: DB-624 ID: 0.53 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

71-43-2-----	Benzene	1.0	U
108-86-1-----	Bromobenzene	1.0	U
74-97-5-----	Bromochloromethane	1.0	U
75-27-4-----	Bromodichloromethane	1.0	U
75-25-2-----	Bromoform	1.0	U
74-83-9-----	Bromomethane	1.0	U
56-23-5-----	Carbon Tetrachloride	1.0	U
108-90-7-----	Chlorobenzene	1.0	U
75-00-3-----	Chloroethane	1.0	U
67-66-3-----	Chloroform	1.0	U
74-87-3-----	Chloromethane	1.0	U
124-48-1-----	Dibromochloromethane	1.0	U
108-41-8-----	m-Chlorotoluene	1.0	U
95-49-8-----	o-Chlorotoluene	1.0	U
106-43-4-----	p-Chlorotoluene	1.0	U
96-12-8-----	1,2-Dibromo-3-chloropropane	1.0	UJ
106-93-4-----	1,2-Dibromoethane	1.0	U
74-95-3-----	Dibromomethane	1.0	U
95-50-1-----	1,2-Dichlorobenzene	1.0	U
541-73-1-----	1,3-Dichlorobenzene	1.0	U
106-46-7-----	1,4-Dichlorobenzene	1.0	U
75-43-4-----	Dichlorofluoromethane	1.0	U
75-34-3-----	1,1-Dichloroethane	1.0	U
107-06-2-----	1,2-Dichloroethane	1.0	U
75-35-4-----	1,1-Dichloroethene	1.0	U
156-59-2-----	cis-1,2-Dichloroethene	28	
156-60-5-----	trans-1,2-Dichloroethene	1.0	U
78-87-5-----	1,2-Dichloropropane	1.0	U
142-28-9-----	1,3-Dichloropropane	1.0	U
594-20-7-----	2,2-Dichloropropane	1.0	U
563-58-6-----	1,1-Dichloropropene	1.0	U
10061-01-5----	cis-1,3-Dichloropropene	1.0	U
10061-02-6----	trans-1,3-Dichloropropene	1.0	U
95-63-6-----	1,2,4-Trimethylbenzene	1.0	U

METHOD 8260 - VOLATILE ORGANICS
ANALYSIS DATA SHEET

000007

Client No.

RI SW-10

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A2B66601

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L6165.RR

Level: (low/med) LOW Date Samp/Recv: 11/21/2002 11/22/2002

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 11/23/2002

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
108-67-8-----	1,3,5-Trimethylbenzene	1.0	U	
99-87-6-----	p-Cymene	1.0	U	
100-41-4-----	Ethylbenzene	1.0	U	
87-68-3-----	Hexachlorobutadiene	1.0	U	
98-82-8-----	Isopropylbenzene	1.0	U	
103-65-1-----	n-Propylbenzene	1.0	U	
104-51-8-----	n-Butylbenzene	1.0	U	
98-06-6-----	tert-Butylbenzene	1.0	U	
135-98-8-----	sec-Butylbenzene	1.0	U	
75-09-2-----	Methylene chloride	1.0	U	
91-20-3-----	Naphthalene	1.0	U	
100-42-5-----	Styrene	1.0	U	
630-20-6-----	1,1,1,2-Tetrachloroethane	1.0	U	
79-34-5-----	1,1,2,2-Tetrachloroethane	1.0	U	
127-18-4-----	Tetrachloroethene	1.0	U	
108-88-3-----	Toluene	1.0	U	
87-61-6-----	1,2,3-Trichlorobenzene	1.0	U	
120-82-1-----	1,2,4-Trichlorobenzene	1.0	U	
71-55-6-----	1,1,1-Trichloroethane	1.0	U	
79-00-5-----	1,1,2-Trichloroethane	1.0	U	
79-01-6-----	Trichloroethene	2.5		
75-69-4-----	Trichlorofluoromethane	1.0	U	
96-18-4-----	1,2,3-Trichloropropane	1.0	U	
75-01-4-----	Vinyl chloride	8.0		
95-47-6-----	o-Xylene	1.0	U	
-----	m/p-Xylenes	2.0	U	

METHOD 8260 - VOLATILE ORGANICS
ANALYSIS DATA SHEET

ACQ-B819

000009

Client No.

OUTFALL

Lab Name: STL Buffalo

Contract: _____

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

Matrix: (soil/water) WATER

Lab Sample ID: A2B81901

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: L6382.RR

Level: (low/med) LOW

Date Samp/Recv: 11/21/2002 11/22/2002

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 11/30/2002

GC Column: DB-624 ID: 0.53 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

71-43-2-----	Benzene	1.0	U
108-86-1-----	Bromobenzene	1.0	U
74-97-5-----	Bromochloromethane	1.0	U
75-27-4-----	Bromodichloromethane	1.0	U
75-25-2-----	Bromoform	1.0	U
74-83-9-----	Bromomethane	1.0	U
56-23-5-----	Carbon Tetrachloride	1.0	U
108-90-7-----	Chlorobenzene	1.0	U
75-00-3-----	Chloroethane	1.0	U
67-66-3-----	Chloroform	1.0	U
74-87-3-----	Chloromethane	1.0	U
124-48-1-----	Dibromochloromethane	1.0	U
108-41-8-----	m-Chlorotoluene	1.0	U
95-49-8-----	o-Chlorotoluene	1.0	U
106-43-4-----	p-Chlorotoluene	1.0	U
96-12-8-----	1,2-Dibromo-3-chloropropane	1.0	U J
106-93-4-----	1,2-Dibromoethane	1.0	U
74-95-3-----	Dibromomethane	1.0	U
95-50-1-----	1,2-Dichlorobenzene	1.0	U
541-73-1-----	1,3-Dichlorobenzene	1.0	U
106-46-7-----	1,4-Dichlorobenzene	1.0	U
75-43-4-----	Dichlorofluoromethane	1.0	U
75-34-3-----	1,1-Dichloroethane	1.0	U
107-06-2-----	1,2-Dichloroethane	1.0	U
75-35-4-----	1,1-Dichloroethene	1.0	U
156-59-2-----	cis-1,2-Dichloroethene	16	
156-60-5-----	trans-1,2-Dichloroethene	1.0	U
78-87-5-----	1,2-Dichloropropane	1.0	U
142-28-9-----	1,3-Dichloropropane	1.0	U
594-20-7-----	2,2-Dichloropropane	1.0	U
563-58-6-----	1,1-Dichloropropene	1.0	U
10061-01-5----	cis-1,3-Dichloropropene	1.0	U
10061-02-6----	trans-1,3-Dichloropropene	1.0	U
95-63-6-----	1,2,4-Trimethylbenzene	1.0	U

METHOD 8260 - VOLATILE ORGANICS
ANALYSIS DATA SHEET

000010

Client No.

OUTFALL

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A2B81901

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L6382.RR

Level: (low/med) LOW Date Samp/Recv: 11/21/2002 11/22/2002

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 11/30/2002

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
108-67-8	1,3,5-Trimethylbenzene	1.0	U	
99-87-6	p-Cymene	1.0	U	
100-41-4	Ethylbenzene	1.0	U	
87-68-3	Hexachlorobutadiene	1.0	U	
98-82-8	Isopropylbenzene	1.0	U	
103-65-1	n-Propylbenzene	1.0	U	
104-51-8	n-Butylbenzene	1.0	U	
98-06-6	tert-Butylbenzene	1.0	U	
135-98-8	sec-Butylbenzene	1.0	U	
75-09-2	Methylene chloride	1.0	U	
91-20-3	Naphthalene	1.0	U	
100-42-5	Styrene	1.0	U	
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	
127-18-4	Tetrachloroethene	1.0	U	
108-88-3	Toluene	1.0	U	
87-61-6	1,2,3-Trichlorobenzene	1.0	U	
120-82-1	1,2,4-Trichlorobenzene	1.0	U	
71-55-6	1,1,1-Trichloroethane	1.0	U	
79-00-5	1,1,2-Trichloroethane	1.0	U	
79-01-6	Trichloroethene	7.2		
75-69-4	Trichlorofluoromethane	1.0	U	
96-18-4	1,2,3-Trichloropropane	1.0	U	
75-01-4	Vinyl chloride	2.1		
95-47-6	o-Xylene	1.0	U	
	m/p-Xylenes	2.0	U	

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

000023

Client No.

Lab Name: STL Buffalo

Contract: _____

RI SW-01

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

Matrix: (soil/water) WATER

Lab Sample ID: A2517308

Sample wt/vol: 1010.0 (g/mL) ML

Lab File ID: Z51729.RR

Level: (low/med) LOW

Date Samp/Recv: 05/21/2002 05/22/2002

% Moisture: _____ decanted: (Y/N) N

Date Extracted: 05/24/2002

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 06/06/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 5.00

GPC Cleanup: (Y/N) N pH: 7.0

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

83-32-9-----	Acenaphthene	10	U
208-96-8-----	Acenaphthylene	10	U
120-12-7-----	Anthracene	10	U
56-55-3-----	Benzo(a)anthracene	10	U
205-99-2-----	Benzo(b)fluoranthene	10	U
207-08-9-----	Benzo(k)fluoranthene	10	U
191-24-2-----	Benzo(ghi)perylene	10	U
50-32-8-----	Benzo(a)pyrene	10	U
111-91-1-----	Bis(2-chloroethoxy) methane	10	U
111-44-4-----	Bis(2-chloroethyl) ether	10	U
108-60-1-----	2,2'-Oxybis(1-Chloropropane)	10	U
117-81-7-----	Bis(2-ethylhexyl) phthalate	10	U
101-55-3-----	4-Bromophenyl phenyl ether	10	U
85-68-7-----	Butyl benzyl phthalate	10	U
86-74-8-----	Carbazole	10	U
106-47-8-----	4-Chloroaniline	10	U
59-50-7-----	4-Chloro-3-methylphenol	10	U
91-58-7-----	2-Chloronaphthalene	10	U
95-57-8-----	2-Chlorophenol	10	U
7005-72-3-----	4-Chlorophenyl phenyl ether	10	U
218-01-9-----	Chrysene	10	U
53-70-3-----	Dibenzo(a,h)anthracene	10	U
132-64-9-----	Dibenzofuran	10	U
84-74-2-----	Di-n-butyl phthalate	10	U
95-50-1-----	1,2-Dichlorobenzene	10	U
541-73-1-----	1,3-Dichlorobenzene	10	U
106-46-7-----	1,4-Dichlorobenzene	10	U
91-94-1-----	3,3'-Dichlorobenzidine	20	U
120-83-2-----	2,4-Dichlorophenol	10	U
84-66-2-----	Diethyl phthalate	10	U
105-67-9-----	2,4-Dimethylphenol	10	U
131-11-3-----	Dimethyl phthalate	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

000024
Client No.

RI SW-01

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A2517308

Sample wt/vol: 1010.0 (g/mL) ML Lab File ID: Z51729.RR

Level: (low/med) LOW Date Samp/Recv: 05/21/2002 05/22/2002

% Moisture: _____ decanted: (Y/N) N Date Extracted: 05/24/2002

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/06/2002

Injection Volume: 1.00 (uL) Dilution Factor: 5.00

GPC Cleanup: (Y/N) N pH: 7.0

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

534-52-1-----	4,6-Dinitro-2-methylphenol	25	U
51-28-5-----	2,4-Dinitrophenol	25	U
121-14-2-----	2,4-Dinitrotoluene	10	U
606-20-2-----	2,6-Dinitrotoluene	10	U
117-84-0-----	Di-n-octyl phthalate	10	U
206-44-0-----	Fluoranthene	10	U
86-73-7-----	Fluorene	10	U
118-74-1-----	Hexachlorobenzene	10	U
87-68-3-----	Hexachlorobutadiene	10	U
77-47-4-----	Hexachlorocyclopentadiene	10	U
67-72-1-----	Hexachloroethane	10	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	10	U
78-59-1-----	Isophorone	10	U
91-57-6-----	2-Methylnaphthalene	10	U
95-48-7-----	2-Methylphenol	10	U
106-44-5-----	4-Methylphenol	10	U
91-20-3-----	Naphthalene	10	U
88-74-4-----	2-Nitroaniline	25	U
99-09-2-----	3-Nitroaniline	25	U
100-01-6-----	4-Nitroaniline	25	U
98-95-3-----	Nitrobenzene	10	U
88-75-5-----	2-Nitrophenol	10	U
100-02-7-----	4-Nitrophenol	25	U
86-30-6-----	N-nitrosodiphenylamine	10	U
621-64-7-----	N-Nitroso-Di-n-propylamine	10	U
87-86-5-----	Pentachlorophenol	25	U
85-01-8-----	Phenanthrene	10	U
108-95-2-----	Phenol	10	U
129-00-0-----	Pyrene	10	U
120-82-1-----	1,2,4-Trichlorobenzene	10	U
95-95-4-----	2,4,5-Trichlorophenol	10	U
88-06-2-----	2,4,6-Trichlorophenol	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

000025

Client No.

RI SW-02

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A2517307

Sample wt/vol: 1000.0 (g/mL) ML

Lab File ID: Z51713.RR

Level: (low/med) LOW

Date Samp/Recv: 05/21/2002 05/22/2002

% Moisture: _____ decanted: (Y/N) N

Date Extracted: 05/24/2002

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 06/05/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 7.0

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

83-32-9-----	Acenaphthene	10	U
208-96-8-----	Acenaphthylene	10	U
120-12-7-----	Anthracene	10	U
56-55-3-----	Benzo(a)anthracene	10	U
205-99-2-----	Benzo(b)fluoranthene	1	J
207-08-9-----	Benzo(k)fluoranthene	0.7	J
191-24-2-----	Benzo(ghi)perylene	0.8	J
50-32-8-----	Benzo(a)pyrene	0.7	J
111-91-1-----	Bis(2-chloroethoxy) methane	10	U
111-44-4-----	Bis(2-chloroethyl) ether	10	U
108-60-1-----	2,2'-Oxybis(1-Chloropropane)	10	U
117-81-7-----	Bis(2-ethylhexyl) phthalate	10	U
101-55-3-----	4-Bromophenyl phenyl ether	10	U
85-68-7-----	Butyl benzyl phthalate	10	U
86-74-8-----	Carbazole	10	U
106-47-8-----	4-Chloroaniline	10	U
59-50-7-----	4-Chloro-3-methylphenol	10	U
91-58-7-----	2-Chloronaphthalene	10	U
95-57-8-----	2-Chlorophenol	10	U
7005-72-3-----	4-Chlorophenyl phenyl ether	10	U
218-01-9-----	Chrysene	1	J
53-70-3-----	Dibenzo(a,h)anthracene	10	U
132-64-9-----	Dibenzofuran	10	U
84-74-2-----	Di-n-butyl phthalate	10	U
95-50-1-----	1,2-Dichlorobenzene	10	U
541-73-1-----	1,3-Dichlorobenzene	10	U
106-46-7-----	1,4-Dichlorobenzene	10	U
91-94-1-----	3,3'-Dichlorobenzidine	20	U
120-83-2-----	2,4-Dichlorophenol	10	U
84-66-2-----	Diethyl phthalate	10	U
105-67-9-----	2,4-Dimethylphenol	10	U
131-11-3-----	Dimethyl phthalate	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

000026

Client No.

RI SW-02

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A2517307

Sample wt/vol: 1000.0 (g/mL) ML

Lab File ID: Z51713.RR

Level: (low/med) LOW

Date Samp/Recv: 05/21/2002 05/22/2002

% Moisture: _____ decanted: (Y/N) N

Date Extracted: 05/24/2002

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 06/05/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 7.0

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

534-52-1-----	4,6-Dinitro-2-methylphenol	25	U
51-28-5-----	2,4-Dinitrophenol	25	U
121-14-2-----	2,4-Dinitrotoluene	10	U
606-20-2-----	2,6-Dinitrotoluene	10	U
117-84-0-----	Di-n-octyl phthalate	10	U
206-44-0-----	Fluoranthene	2	J
86-73-7-----	Fluorene	10	U
118-74-1-----	Hexachlorobenzene	10	U
87-68-3-----	Hexachlorobutadiene	10	U
77-47-4-----	Hexachlorocyclopentadiene	10	U
67-72-1-----	Hexachloroethane	10	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	0.7	J
78-59-1-----	Isophorone	10	U
91-57-6-----	2-Methylnaphthalene	10	U
95-48-7-----	2-Methylphenol	10	U
106-44-5-----	4-Methylphenol	10	U
91-20-3-----	Naphthalene	10	U
88-74-4-----	2-Nitroaniline	25	U
99-09-2-----	3-Nitroaniline	25	U
100-01-6-----	4-Nitroaniline	25	U
98-95-3-----	Nitrobenzene	10	U
88-75-5-----	2-Nitrophenol	10	U
100-02-7-----	4-Nitrophenol	25	U
86-30-6-----	N-nitrosodiphenylamine	10	U
621-64-7-----	N-Nitroso-Di-n-propylamine	10	U
87-86-5-----	Pentachlorophenol	25	U
85-01-8-----	Phenanthrene	10	U
108-95-2-----	Phenol	10	U
129-00-0-----	Pyrene	1	J
120-82-1-----	1,2,4-Trichlorobenzene	10	U
95-95-4-----	2,4,5-Trichlorophenol	10	U
88-06-2-----	2,4,6-Trichlorophenol	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

000039

Client No.

Lab Name: STL Buffalo

Contract: _____

RI SW FD

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Dup of SW-02

Matrix: (soil/water) WATER

Lab Sample ID: A2517310

Sample wt/vol: 990.00 (g/mL) ML

Lab File ID: Z51708.RR

Level: (low/med) LOW

Date Samp/Recv: 05/21/2002 05/22/2002

% Moisture: _____ decanted: (Y/N) N

Date Extracted: 05/24/2002

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 06/05/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 7.0

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

CAS NO.	COMPOUND	UG/L	Q
83-32-9-----	Acenaphthene	10	U
208-96-8-----	Acenaphthylene	10	U
120-12-7-----	Anthracene	10	U
56-55-3-----	Benzo (a) anthracene	10	U
205-99-2-----	Benzo (b) fluoranthene	10	U
207-08-9-----	Benzo (k) fluoranthene	10	U
191-24-2-----	Benzo (ghi) perylene	10	U
50-32-8-----	Benzo (a) pyrene	10	U
111-91-1-----	Bis (2-chloroethoxy) methane	10	U
111-44-4-----	Bis (2-chloroethyl) ether	10	U
108-60-1-----	2,2'-Oxybis (1-Chloropropane)	10	U
117-81-7-----	Bis (2-ethylhexyl) phthalate	10	U
101-55-3-----	4-Bromophenyl phenyl ether	10	U
85-68-7-----	Butyl benzyl phthalate	10	U
86-74-8-----	Carbazole	10	U
106-47-8-----	4-Chloroaniline	10	U
59-50-7-----	4-Chloro-3-methylphenol	10	U
91-58-7-----	2-Chloronaphthalene	10	U
95-57-8-----	2-Chlorophenol	10	U
7005-72-3-----	4-Chlorophenyl phenyl ether	10	U
218-01-9-----	Chrysene	10	U
53-70-3-----	Dibenzo (a,h) anthracene	10	U
132-64-9-----	Dibenzofuran	10	U
84-74-2-----	Di-n-butyl phthalate	10	U
95-50-1-----	1,2-Dichlorobenzene	10	U
541-73-1-----	1,3-Dichlorobenzene	10	U
106-46-7-----	1,4-Dichlorobenzene	10	U
91-94-1-----	3,3'-Dichlorobenzidine	20	U
120-83-2-----	2,4-Dichlorophenol	10	U
84-66-2-----	Diethyl phthalate	10	U
105-67-9-----	2,4-Dimethylphenol	10	U
131-11-3-----	Dimethyl phthalate	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

000040

Client No.

Lab Name: STL Buffalo

Contract: _____

RI SW FD

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Dup & SW-02

Matrix: (soil/water) WATER

Lab Sample ID: A2517310

Sample wt/vol: 990.00 (g/mL) ML

Lab File ID: Z51708.RR

Level: (low/med) LOW

Date Samp/Recv: 05/21/2002 05/22/2002

% Moisture: _____ decanted: (Y/N) N

Date Extracted: 05/24/2002

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 06/05/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 7.0

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
534-52-1-----	4,6-Dinitro-2-methylphenol		25	U
51-28-5-----	2,4-Dinitrophenol		25	U
121-14-2-----	2,4-Dinitrotoluene		10	U
606-20-2-----	2,6-Dinitrotoluene		10	U
117-84-0-----	Di-n-octyl phthalate		10	U
206-44-0-----	Fluoranthene		10	U
86-73-7-----	Fluorene		10	U
118-74-1-----	Hexachlorobenzene		10	U
87-68-3-----	Hexachlorobutadiene		10	U
77-47-4-----	Hexachlorocyclopentadiene		10	U
67-72-1-----	Hexachloroethane		10	U
193-39-5-----	Indeno (1,2,3-cd) pyrene		10	U
78-59-1-----	Isophorone		10	U
91-57-6-----	2-Methylnaphthalene		10	U
95-48-7-----	2-Methylphenol		10	U
106-44-5-----	4-Methylphenol		10	U
91-20-3-----	Naphthalene		10	U
88-74-4-----	2-Nitroaniline		25	U
99-09-2-----	3-Nitroaniline		25	U
100-01-6-----	4-Nitroaniline		25	U
98-95-3-----	Nitrobenzene		10	U
88-75-5-----	2-Nitrophenol		10	U
100-02-7-----	4-Nitrophenol		25	U
86-30-6-----	N-nitrosodiphenylamine		10	U
621-64-7-----	N-Nitroso-Di-n-propylamine		10	U
87-86-5-----	Pentachlorophenol		25	U
85-01-8-----	Phenanthrene		10	U
108-95-2-----	Phenol		10	U
129-00-0-----	Pyrene		10	U
120-82-1-----	1,2,4-Trichlorobenzene		10	U
95-95-4-----	2,4,5-Trichlorophenol		10	U
88-06-2-----	2,4,6-Trichlorophenol		10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

000027

Client No.

RI SW-03

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A2517306

Sample wt/vol: 1000.0 (g/mL) ML

Lab File ID: Z51706.RR

Level: (low/med) LOW

Date Samp/Recv: 05/21/2002 05/22/2002

% Moisture: _____ decanted: (Y/N) N

Date Extracted: 05/24/2002

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 06/05/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/L
			Q
83-32-9-----	Acenaphthene	10	U
208-96-8-----	Acenaphthylene	10	U
120-12-7-----	Anthracene	10	U
56-55-3-----	Benzo (a) anthracene	10	U
205-99-2-----	Benzo (b) fluoranthene	10	U
207-08-9-----	Benzo (k) fluoranthene	10	U
191-24-2-----	Benzo (ghi) perylene	10	U
50-32-8-----	Benzo (a) pyrene	10	U
111-91-1-----	Bis (2-chloroethoxy) methane	10	U
111-44-4-----	Bis (2-chloroethyl) ether	10	U
108-60-1-----	2,2'-Oxybis (1-Chloropropane)	10	U
117-81-7-----	Bis (2-ethylhexyl) phthalate	10	U
101-55-3-----	4-Bromophenyl phenyl ether	10	U
85-68-7-----	Butyl benzyl phthalate	10	U
86-74-8-----	Carbazole	10	U
106-47-8-----	4-Chloroaniline	10	U
59-50-7-----	4-Chloro-3-methylphenol	10	U
91-58-7-----	2-Chloronaphthalene	10	U
95-57-8-----	2-Chlorophenol	10	U
7005-72-3-----	4-Chlorophenyl phenyl ether	10	U
218-01-9-----	Chrysene	10	U
53-70-3-----	Dibenzo (a,h) anthracene	10	U
132-64-9-----	Dibenzofuran	10	U
84-74-2-----	Di-n-butyl phthalate	10	U
95-50-1-----	1,2-Dichlorobenzene	10	U
541-73-1-----	1,3-Dichlorobenzene	10	U
106-46-7-----	1,4-Dichlorobenzene	10	U
91-94-1-----	3,3'-Dichlorobenzidine	20	U
120-83-2-----	2,4-Dichlorophenol	10	U
84-66-2-----	Diethyl phthalate	10	U
105-67-9-----	2,4-Dimethylphenol	10	U
131-11-3-----	Dimethyl phthalate	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

000028

Client No.

RI SW-03

Lab Name: STL Buffalo

Contract: _____

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

Matrix: (soil/water) WATER

Lab Sample ID: A2517306

Sample wt/vol: 1000.0 (g/mL) ML

Lab File ID: Z51706.RR

Level: (low/med) LOW

Date Samp/Recv: 05/21/2002 05/22/2002

% Moisture: _____ decanted: (Y/N) N

Date Extracted: 05/24/2002

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 06/05/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

534-52-1-----	4,6-Dinitro-2-methylphenol	25	U
51-28-5-----	2,4-Dinitrophenol	25	U
121-14-2-----	2,4-Dinitrotoluene	10	U
606-20-2-----	2,6-Dinitrotoluene	10	U
117-84-0-----	Di-n-octyl phthalate	3	J
206-44-0-----	Fluoranthene	10	U
86-73-7-----	Fluorene	10	U
118-74-1-----	Hexachlorobenzene	10	U
87-68-3-----	Hexachlorobutadiene	10	U
77-47-4-----	Hexachlorocyclopentadiene	10	U
67-72-1-----	Hexachloroethane	10	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	10	U
78-59-1-----	Isophorone	10	U
91-57-6-----	2-Methylnaphthalene	10	U
95-48-7-----	2-Methylphenol	10	U
106-44-5-----	4-Methylphenol	10	U
91-20-3-----	Naphthalene	10	U
88-74-4-----	2-Nitroaniline	25	U
99-09-2-----	3-Nitroaniline	25	U
100-01-6-----	4-Nitroaniline	25	U
98-95-3-----	Nitrobenzene	10	U
88-75-5-----	2-Nitrophenol	10	U
100-02-7-----	4-Nitrophenol	25	U
86-30-6-----	N-nitrosodiphenylamine	10	U
621-64-7-----	N-Nitroso-Di-n-propylamine	10	U
87-86-5-----	Pentachlorophenol	25	U
85-01-8-----	Phenanthrene	10	U
108-95-2-----	Phenol	10	U
129-00-0-----	Pyrene	10	U
120-82-1-----	1,2,4-Trichlorobenzene	10	U
95-95-4-----	2,4,5-Trichlorophenol	10	U
88-06-2-----	2,4,6-Trichlorophenol	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

000029

Client No.

Lab Name: STL Buffalo

Contract: _____

RI SW-04

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

Matrix: (soil/water) WATER

Lab Sample ID: A2517303

Sample wt/vol: 1060.0 (g/mL) ML

Lab File ID: Z51711.RR

Level: (low/med) LOW

Date Samp/Recv: 05/21/2002 05/22/2002

% Moisture: _____ decanted: (Y/N) N

Date Extracted: 05/24/2002

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 06/05/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 5.00

GPC Cleanup: (Y/N) N pH: 6.0

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

83-32-9-----	Acenaphthene	10	U
208-96-8-----	Acenaphthylene	10	U
120-12-7-----	Anthracene	10	U
56-55-3-----	Benzo (a) anthracene	10	U
205-99-2-----	Benzo (b) fluoranthene	5	J
207-08-9-----	Benzo (k) fluoranthene	4	J
191-24-2-----	Benzo (ghi) perylene	5	J
50-32-8-----	Benzo (a) pyrene	4	J
111-91-1-----	Bis(2-chloroethoxy) methane	10	U
111-44-4-----	Bis(2-chloroethyl) ether	10	U
108-60-1-----	2,2'-Oxybis(1-Chloropropane)	10	U
117-81-7-----	Bis(2-ethylhexyl) phthalate	10	U
101-55-3-----	4-Bromophenyl phenyl ether	10	U
85-68-7-----	Butyl benzyl phthalate	10	U
86-74-8-----	Carbazole	10	U
106-47-8-----	4-Chloroaniline	10	U
59-50-7-----	4-Chloro-3-methylphenol	10	U
91-58-7-----	2-Chloronaphthalene	10	U
95-57-8-----	2-Chlorophenol	10	U
7005-72-3-----	4-Chlorophenyl phenyl ether	10	U
218-01-9-----	Chrysene	5	J
53-70-3-----	Dibenzo (a,h) anthracene	10	U
132-64-9-----	Dibenzofuran	10	U
84-74-2-----	Di-n-butyl phthalate	10	U
95-50-1-----	1,2-Dichlorobenzene	10	U
541-73-1-----	1,3-Dichlorobenzene	10	U
106-46-7-----	1,4-Dichlorobenzene	10	U
91-94-1-----	3,3'-Dichlorobenzidine	20	U
120-83-2-----	2,4-Dichlorophenol	10	U
84-66-2-----	Diethyl phthalate	10	U
105-67-9-----	2,4-Dimethylphenol	10	U
131-11-3-----	Dimethyl phthalate	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

000030

Client No.

RI SW-04

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A2517303

Sample wt/vol: 1060.0 (g/mL) ML

Lab File ID: Z51711.RR

Level: (low/med) LOW

Date Samp/Recv: 05/21/2002 05/22/2002

% Moisture: _____ decanted: (Y/N) N

Date Extracted: 05/24/2002

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 06/05/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 5.00

GPC Cleanup: (Y/N) N pH: 6.0

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

534-52-1-----	4,6-Dinitro-2-methylphenol	25	U
51-28-5-----	2,4-Dinitrophenol	25	U
121-14-2-----	2,4-Dinitrotoluene	10	U
606-20-2-----	2,6-Dinitrotoluene	10	U
117-84-0-----	Di-n-octyl phthalate	10	U
206-44-0-----	Fluoranthene	8	J
86-73-7-----	Fluorene	10	U
118-74-1-----	Hexachlorobenzene	10	U
87-68-3-----	Hexachlorobutadiene	10	U
77-47-4-----	Hexachlorocyclopentadiene	10	U
67-72-1-----	Hexachloroethane	10	U
193-39-5-----	Indeno (1,2,3-cd) pyrene	4	J
78-59-1-----	Isophorone	10	U
91-57-6-----	2-Methylnaphthalene	10	U
95-48-7-----	2-Methylphenol	10	U
106-44-5-----	4-Methylphenol	10	U
91-20-3-----	Naphthalene	10	U
88-74-4-----	2-Nitroaniline	25	U
99-09-2-----	3-Nitroaniline	25	U
100-01-6-----	4-Nitroaniline	25	U
98-95-3-----	Nitrobenzene	10	U
88-75-5-----	2-Nitrophenol	10	U
100-02-7-----	4-Nitrophenol	25	U
86-30-6-----	N-nitrosodiphenylamine	10	U
621-64-7-----	N-Nitroso-Di-n-propylamine	10	U
87-86-5-----	Pentachlorophenol	25	U
85-01-8-----	Phenanthrene	10	U
108-95-2-----	Phenol	10	U
129-00-0-----	Pyrene	6	J
120-82-1-----	1,2,4-Trichlorobenzene	10	U
95-95-4-----	2,4,5-Trichlorophenol	10	U
88-06-2-----	2,4,6-Trichlorophenol	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

000031

Client No.

RI SW-05

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A2517302

Sample wt/vol: 1055.0 (g/mL) ML

Lab File ID: Z51695.RR

Level: (low/med) LOW

Date Samp/Recv: 05/21/2002 05/22/2002

% Moisture: _____ decanted: (Y/N) N

Date Extracted: 05/24/2002

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 06/04/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 7.0

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

83-32-9-----	Acenaphthene	10	U
208-96-8-----	Acenaphthylene	10	U
120-12-7-----	Anthracene	10	U
56-55-3-----	Benzo(a)anthracene	10	U
205-99-2-----	Benzo(b)fluoranthene	10	U
207-08-9-----	Benzo(k)fluoranthene	10	U
191-24-2-----	Benzo(ghi)perylene	10	U
50-32-8-----	Benzo(a)pyrene	10	U
111-91-1-----	Bis(2-chloroethoxy) methane	10	U
111-44-4-----	Bis(2-chloroethyl) ether	10	U
108-60-1-----	2,2'-Oxybis(1-Chloropropane)	10	U
117-81-7-----	Bis(2-ethylhexyl) phthalate	10	U
101-55-3-----	4-Bromophenyl phenyl ether	10	U
85-68-7-----	Butyl benzyl phthalate	10	U
86-74-8-----	Carbazole	10	U
106-47-8-----	4-Chloroaniline	10	U
59-50-7-----	4-Chloro-3-methylphenol	10	U
91-58-7-----	2-Chloronaphthalene	10	U
95-57-8-----	2-Chlorophenol	10	U
7005-72-3-----	4-Chlorophenyl phenyl ether	10	U
218-01-9-----	Chrysene	10	U
53-70-3-----	Dibenzo(a,h)anthracene	10	U
132-64-9-----	Dibenzofuran	10	U
84-74-2-----	Di-n-butyl phthalate	10	U
95-50-1-----	1,2-Dichlorobenzene	10	U
541-73-1-----	1,3-Dichlorobenzene	10	U
106-46-7-----	1,4-Dichlorobenzene	10	U
91-94-1-----	3,3'-Dichlorobenzidine	20	U
120-83-2-----	2,4-Dichlorophenol	10	U
84-66-2-----	Diethyl phthalate	10	U
105-67-9-----	2,4-Dimethylphenol	10	U
131-11-3-----	Dimethyl phthalate	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

000032

Client No.

Lab Name: STL Buffalo

Contract: _____

RI SW-05

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

Matrix: (soil/water) WATER

Lab Sample ID: A2517302

Sample wt/vol: 1055.0 (g/mL) ML

Lab File ID: Z51695.RR

Level: (low/med) LOW

Date Samp/Recv: 05/21/2002 05/22/2002

% Moisture: _____ decanted: (Y/N) N

Date Extracted: 05/24/2002

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 06/04/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 7.0

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

534-52-1-----	4,6-Dinitro-2-methylphenol	25	U
51-28-5-----	2,4-Dinitrophenol	25	U
121-14-2-----	2,4-Dinitrotoluene	10	U
606-20-2-----	2,6-Dinitrotoluene	10	U
117-84-0-----	Di-n-octyl phthalate	10	U
206-44-0-----	Fluoranthene	10	U
86-73-7-----	Fluorene	10	U
118-74-1-----	Hexachlorobenzene	10	U
87-68-3-----	Hexachlorobutadiene	10	U
77-47-4-----	Hexachlorocyclopentadiene	10	U
67-72-1-----	Hexachloroethane	10	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	10	U
78-59-1-----	Isophorone	10	U
91-57-6-----	2-Methylnaphthalene	10	U
95-48-7-----	2-Methylphenol	10	U
106-44-5-----	4-Methylphenol	10	U
91-20-3-----	Naphthalene	10	U
88-74-4-----	2-Nitroaniline	25	U
99-09-2-----	3-Nitroaniline	25	U
100-01-6-----	4-Nitroaniline	25	U
98-95-3-----	Nitrobenzene	10	U
88-75-5-----	2-Nitrophenol	10	U
100-02-7-----	4-Nitrophenol	25	U
86-30-6-----	N-nitrosodiphenylamine	10	U
621-64-7-----	N-Nitroso-Di-n-propylamine	10	U
87-86-5-----	Pentachlorophenol	25	U
85-01-8-----	Phenanthrene	10	U
108-95-2-----	Phenol	10	U
129-00-0-----	Pyrene	10	U
120-82-1-----	1,2,4-Trichlorobenzene	10	U
95-95-4-----	2,4,5-Trichlorophenol	10	U
88-06-2-----	2,4,6-Trichlorophenol	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

000033

Client No.

RI SW-07

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A2517301

Sample wt/vol: 1045.0 (g/mL) ML

Lab File ID: Z51694.RR

Level: (low/med) LOW

Date Samp/Recv: 05/21/2002 05/22/2002

% Moisture: _____ decanted: (Y/N) N

Date Extracted: 05/24/2002

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 06/04/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 7.0

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

83-32-9-----	Acenaphthene	10	U
208-96-8-----	Acenaphthylene	10	U
120-12-7-----	Anthracene	10	U
56-55-3-----	Benzo(a)anthracene	10	U
205-99-2-----	Benzo(b)fluoranthene	10	U
207-08-9-----	Benzo(k)fluoranthene	10	U
191-24-2-----	Benzo(ghi)perylene	10	U
50-32-8-----	Benzo(a)pyrene	10	U
111-91-1-----	Bis(2-chloroethoxy) methane	10	U
111-44-4-----	Bis(2-chloroethyl) ether	10	U
108-60-1-----	2,2'-Oxybis(1-Chloropropane)	10	U
117-81-7-----	Bis(2-ethylhexyl) phthalate	10	U
101-55-3-----	4-Bromophenyl phenyl ether	10	U
85-68-7-----	Butyl benzyl phthalate	10	U
86-74-8-----	Carbazole	10	U
106-47-8-----	4-Chloroaniline	10	U
59-50-7-----	4-Chloro-3-methylphenol	10	U
91-58-7-----	2-Chloronaphthalene	10	U
95-57-8-----	2-Chlorophenol	10	U
7005-72-3-----	4-Chlorophenyl phenyl ether	10	U
218-01-9-----	Chrysene	10	U
53-70-3-----	Dibenzo(a,h)anthracene	10	U
132-64-9-----	Dibenzofuran	10	U
84-74-2-----	Di-n-butyl phthalate	10	U
95-50-1-----	1,2-Dichlorobenzene	10	U
541-73-1-----	1,3-Dichlorobenzene	10	U
106-46-7-----	1,4-Dichlorobenzene	10	U
91-94-1-----	3,3'-Dichlorobenzidine	20	U
120-83-2-----	2,4-Dichlorophenol	10	U
84-66-2-----	Diethyl phthalate	10	U
105-67-9-----	2,4-Dimethylphenol	10	U
131-11-3-----	Dimethyl phthalate	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

000034

Client No.

RI SW-07

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A2517301

Sample wt/vol: 1045.0 (g/mL) ML

Lab File ID: Z51694.RR

Level: (low/med) LOW

Date Samp/Recv: 05/21/2002 05/22/2002

% Moisture: _____ decanted: (Y/N) N

Date Extracted: 05/24/2002

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 06/04/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 7.0

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg)

UG/L

Q

534-52-1-----	4,6-Dinitro-2-methylphenol	25	U
51-28-5-----	2,4-Dinitrophenol	25	U
121-14-2-----	2,4-Dinitrotoluene	10	U
606-20-2-----	2,6-Dinitrotoluene	10	U
117-84-0-----	Di-n-octyl phthalate	10	U
206-44-0-----	Fluoranthene	10	U
86-73-7-----	Fluorene	10	U
118-74-1-----	Hexachlorobenzene	10	U
87-68-3-----	Hexachlorobutadiene	10	U
77-47-4-----	Hexachlorocyclopentadiene	10	U
67-72-1-----	Hexachloroethane	10	U
193-39-5-----	Indeno (1,2,3-cd) pyrene	10	U
78-59-1-----	Isophorone	10	U
91-57-6-----	2-Methylnaphthalene	10	U
95-48-7-----	2-Methylphenol	10	U
106-44-5-----	4-Methylphenol	10	U
91-20-3-----	Naphthalene	10	U
88-74-4-----	2-Nitroaniline	25	U
99-09-2-----	3-Nitroaniline	25	U
100-01-6-----	4-Nitroaniline	25	U
98-95-3-----	Nitrobenzene	10	U
88-75-5-----	2-Nitrophenol	10	U
100-02-7-----	4-Nitrophenol	25	U
86-30-6-----	N-nitrosodiphenylamine	10	U
621-64-7-----	N-Nitroso-Di-n-propylamine	10	U
87-86-5-----	Pentachlorophenol	2	J
85-01-8-----	Phenanthrene	10	U
108-95-2-----	Phenol	10	U
129-00-0-----	Pyrene	10	U
120-82-1-----	1,2,4-Trichlorobenzene	10	U
95-95-4-----	2,4,5-Trichlorophenol	10	U
88-06-2-----	2,4,6-Trichlorophenol	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

000035

Client No.

Lab Name: STL Buffalo

Contract: _____

RI SW-08

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

Matrix: (soil/water) WATER

Lab Sample ID: A2517304

Sample wt/vol: 1020.0 (g/mL) ML

Lab File ID: Z51712.RR

Level: (low/med) LOW

Date Samp/Recv: 05/21/2002 05/22/2002

% Moisture: _____ decanted: (Y/N) N

Date Extracted: 05/24/2002

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 06/05/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

83-32-9-----	Acenaphthene	10	U
208-96-8-----	Acenaphthylene	10	U
120-12-7-----	Anthracene	10	U
56-55-3-----	Benzo (a) anthracene	1	J
205-99-2-----	Benzo (b) fluoranthene	3	J
207-08-9-----	Benzo (k) fluoranthene	2	J
191-24-2-----	Benzo (ghi) perylene	3	J
50-32-8-----	Benzo (a) pyrene	2	J
111-91-1-----	Bis (2-chloroethoxy) methane	10	U
111-44-4-----	Bis (2-chloroethyl) ether	10	U
108-60-1-----	2,2'-Oxybis (1-Chloropropane)	10	U
117-81-7-----	Bis (2-ethylhexyl) phthalate	10	U
101-55-3-----	4-Bromophenyl phenyl ether	10	U
85-68-7-----	Butyl benzyl phthalate	10	U
86-74-8-----	Carbazole	10	U
106-47-8-----	4-Chloroaniline	10	U
59-50-7-----	4-Chloro-3-methylphenol	10	U
91-58-7-----	2-Chloronaphthalene	10	U
95-57-8-----	2-Chlorophenol	10	U
7005-72-3-----	4-Chlorophenyl phenyl ether	10	U
218-01-9-----	Chrysene	3	J
53-70-3-----	Dibenzo (a,h) anthracene	0.6	J
132-64-9-----	Dibenzofuran	10	U
84-74-2-----	Di-n-butyl phthalate	10	U
95-50-1-----	1,2-Dichlorobenzene	10	U
541-73-1-----	1,3-Dichlorobenzene	10	U
106-46-7-----	1,4-Dichlorobenzene	10	U
91-94-1-----	3,3'-Dichlorobenzidine	20	U
120-83-2-----	2,4-Dichlorophenol	10	U
84-66-2-----	Diethyl phthalate	10	U
105-67-9-----	2,4-Dimethylphenol	10	U
131-11-3-----	Dimethyl phthalate	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

000036

Client No.

Lab Name: STL Buffalo

Contract: _____

RI SW-08

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

Matrix: (soil/water) WATER

Lab Sample ID: A2517304

Sample wt/vol: 1020.0 (g/mL) ML

Lab File ID: Z51712.RR

Level: (low/med) LOW

Date Samp/Recv: 05/21/2002 05/22/2002

% Moisture: _____ decanted: (Y/N) N

Date Extracted: 05/24/2002

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 06/05/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/L Q
534-52-1-----	4,6-Dinitro-2-methylphenol	25	U
51-28-5-----	2,4-Dinitrophenol	25	U
121-14-2-----	2,4-Dinitrotoluene	10	U
606-20-2-----	2,6-Dinitrotoluene	10	U
117-84-0-----	Di-n-octyl phthalate	10	U
206-44-0-----	Fluoranthene	6	J
86-73-7-----	Fluorene	10	U
118-74-1-----	Hexachlorobenzene	10	U
87-68-3-----	Hexachlorobutadiene	10	U
77-47-4-----	Hexachlorocyclopentadiene	10	U
67-72-1-----	Hexachloroethane	10	U
193-39-5-----	Indeno (1,2,3-cd) pyrene	2	J
78-59-1-----	Isophorone	10	U
91-57-6-----	2-Methylnaphthalene	10	U
95-48-7-----	2-Methylphenol	10	U
106-44-5-----	4-Methylphenol	10	U
91-20-3-----	Naphthalene	10	U
88-74-4-----	2-Nitroaniline	25	U
99-09-2-----	3-Nitroaniline	25	U
100-01-6-----	4-Nitroaniline	25	U
98-95-3-----	Nitrobenzene	10	U
88-75-5-----	2-Nitrophenol	10	U
100-02-7-----	4-Nitrophenol	25	U
86-30-6-----	N-nitrosodiphenylamine	10	U
621-64-7-----	N-Nitroso-Di-n-propylamine	10	U
87-86-5-----	Pentachlorophenol	25	U
85-01-8-----	Phenanthrene	2	J
108-95-2-----	Phenol	10	U
129-00-0-----	Pyrene	4	J
120-82-1-----	1,2,4-Trichlorobenzene	10	U
95-95-4-----	2,4,5-Trichlorophenol	10	U
88-06-2-----	2,4,6-Trichlorophenol	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

000037

Client No.

Lab Name: STL Buffalo

Contract: _____

RI SW-09

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

Matrix: (soil/water) WATER

Lab Sample ID: A2517305

Sample wt/vol: 1040.0 (g/mL) ML

Lab File ID: Z51705.RR

Level: (low/med) LOW

Date Samp/Recv: 05/21/2002 05/22/2002

% Moisture: _____ decanted: (Y/N) N

Date Extracted: 05/24/2002

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 06/05/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 7.0

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

83-32-9-----	Acenaphthene	10	U
208-96-8-----	Acenaphthylene	10	U
120-12-7-----	Anthracene	10	U
56-55-3-----	Benzo (a) anthracene	10	U
205-99-2-----	Benzo (b) fluoranthene	10	U
207-08-9-----	Benzo (k) fluoranthene	10	U
191-24-2-----	Benzo (ghi) perylene	10	U
50-32-8-----	Benzo (a) pyrene	10	U
111-91-1-----	Bis (2-chloroethoxy) methane	10	U
111-44-4-----	Bis (2-chloroethyl) ether	10	U
108-60-1-----	2,2'-Oxybis (1-Chloropropane)	10	U
117-81-7-----	Bis (2-ethylhexyl) phthalate	10	U
101-55-3-----	4-Bromophenyl phenyl ether	10	U
85-68-7-----	Butyl benzyl phthalate	10	U
86-74-8-----	Carbazole	10	U
106-47-8-----	4-Chloroaniline	10	U
59-50-7-----	4-Chloro-3-methylphenol	10	U
91-58-7-----	2-Chloronaphthalene	10	U
95-57-8-----	2-Chlorophenol	10	U
7005-72-3-----	4-Chlorophenyl phenyl ether	10	U
218-01-9-----	Chrysene	10	U
53-70-3-----	Dibenzo (a, h) anthracene	10	U
132-64-9-----	Dibenzofuran	10	U
84-74-2-----	Di-n-butyl phthalate	10	U
95-50-1-----	1,2-Dichlorobenzene	10	U
541-73-1-----	1,3-Dichlorobenzene	10	U
106-46-7-----	1,4-Dichlorobenzene	10	U
91-94-1-----	3,3'-Dichlorobenzidine	20	U
120-83-2-----	2,4-Dichlorophenol	10	U
84-66-2-----	Diethyl phthalate	10	U
105-67-9-----	2,4-Dimethylphenol	10	U
131-11-3-----	Dimethyl phthalate	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

000038

Client No.

Lab Name: STL Buffalo

Contract: _____

RI SW-09

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A2517305

Sample wt/vol: 1040.0 (g/mL) ML

Lab File ID: Z51705.RR

Level: (low/med) LOW

Date Samp/Recv: 05/21/2002 05/22/2002

% Moisture: _____ decanted: (Y/N) N

Date Extracted: 05/24/2002

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 06/05/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 7.0

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
534-52-1-----	4,6-Dinitro-2-methylphenol	25	U	
51-28-5-----	2,4-Dinitrophenol	25	U	
121-14-2-----	2,4-Dinitrotoluene	10	U	
606-20-2-----	2,6-Dinitrotoluene	10	U	
117-84-0-----	Di-n-octyl phthalate	10	U	
206-44-0-----	Fluoranthene	10	U	
86-73-7-----	Fluorene	10	U	
118-74-1-----	Hexachlorobenzene	10	U	
87-68-3-----	Hexachlorobutadiene	10	U	
77-47-4-----	Hexachlorocyclopentadiene	10	U	
67-72-1-----	Hexachloroethane	10	U	
193-39-5-----	Indeno(1,2,3-cd)pyrene	10	U	
78-59-1-----	Isophorone	10	U	
91-57-6-----	2-Methylnaphthalene	10	U	
95-48-7-----	2-Methylphenol	10	U	
106-44-5-----	4-Methylphenol	10	U	
91-20-3-----	Naphthalene	10	U	
88-74-4-----	2-Nitroaniline	25	U	
99-09-2-----	3-Nitroaniline	25	U	
100-01-6-----	4-Nitroaniline	25	U	
98-95-3-----	Nitrobenzene	10	U	
88-75-5-----	2-Nitrophenol	10	U	
100-02-7-----	4-Nitrophenol	25	U	
86-30-6-----	N-nitrosodiphenylamine	10	U	
621-64-7-----	N-Nitroso-Di-n-propylamine	10	U	
87-86-5-----	Pentachlorophenol	25	U	
85-01-8-----	Phenanthrene	10	U	
108-95-2-----	Phenol	10	U	
129-00-0-----	Pyrene	10	U	
120-82-1-----	1,2,4-Trichlorobenzene	10	U	
95-95-4-----	2,4,5-Trichlorophenol	10	U	
88-06-2-----	2,4,6-Trichlorophenol	10	U	

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

000069

Client No.

RI SW-01

Lab Name: STL Buffalo

Contract: _____

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

Matrix: (soil/water) WATER

Lab Sample ID: A2517308

Sample wt/vol: 1025.00 (g/mL) ML

Lab File ID: LB04375.TX0

% Moisture: _____ decanted: (Y/N) N

Date Samp/Recv: 05/21/2002 05/22/2002

Extraction: (SepF/Cont/Sonc/Soxh): SEPF

Date Extracted: 05/23/2002

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 05/25/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
12674-11-2----	Aroclor 1016	0.49	U
11104-28-2----	Aroclor 1221	0.49	U
11141-16-5----	Aroclor 1232	0.49	U
53469-21-9----	Aroclor 1242	0.49	U
12672-29-6----	Aroclor 1248	0.49	U
11097-69-1----	Aroclor 1254	0.49	U
11096-82-5----	Aroclor 1260	0.49	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

000068

Client No.

RI SW-02

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A2517307

Sample wt/vol: 870.00 (g/mL) ML

Lab File ID: LB04370.TX0

% Moisture: _____ decanted: (Y/N) N

Date Samp/Recv: 05/21/2002 05/22/2002

Extraction: (SepF/Cont/Sonc/Soxh): SEPF

Date Extracted: 05/23/2002

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 05/25/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/L

Q

12674-11-2----	Aroclor 1016	0.57	U
11104-28-2----	Aroclor 1221	0.57	U
11141-16-5----	Aroclor 1232	0.57	U
53469-21-9----	Aroclor 1242	0.57	U
12672-29-6----	Aroclor 1248	0.57	U
11097-69-1----	Aroclor 1254	0.57	U
11096-82-5----	Aroclor 1260	0.57	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

000071

Client No.

RI SW FD

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Dup of SW-02

Matrix: (soil/water) WATER

Lab Sample ID: A2517310

Sample wt/vol: 980.00 (g/mL) ML

Lab File ID: LB04377.TX0

% Moisture: _____ decanted: (Y/N) N

Date Samp/Recv: 05/21/2002 05/22/2002

Extraction: (SepF/Cont/Sonc/Soxh): SEPF

Date Extracted: 05/23/2002

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 05/25/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
12674-11-2----	Aroclor 1016	0.51	U
11104-28-2----	Aroclor 1221	0.51	U
11141-16-5----	Aroclor 1232	0.51	U
53469-21-9----	Aroclor 1242	0.51	U
12672-29-6----	Aroclor 1248	0.51	U
11097-69-1----	Aroclor 1254	0.51	U
11096-82-5----	Aroclor 1260	0.51	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

000067

Client No.

RI SW-03

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A2517306

Sample wt/vol: 1010.00 (g/mL) ML Lab File ID: LB04369.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 05/21/2002 05/22/2002

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 05/23/2002

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 05/25/2002

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Q

CAS NO.	COMPOUND		
12674-11-2----	Aroclor 1016	0.50	U
11104-28-2----	Aroclor 1221	0.50	U
11141-16-5----	Aroclor 1232	0.50	U
53469-21-9----	Aroclor 1242	0.50	U
12672-29-6----	Aroclor 1248	0.50	U
11097-69-1----	Aroclor 1254	0.50	U
11096-82-5----	Aroclor 1260	0.50	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

000064

Client No.

RI SW-04

Lab Name: STL Buffalo

Contract: _____

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

Matrix: (soil/water) WATER

Lab Sample ID: A2517303

Sample wt/vol: 1010.00 (g/mL) ML

Lab File ID: LB04366.TX0

% Moisture: _____ decanted: (Y/N) N

Date Samp/Recv: 05/21/2002 05/22/2002

Extraction: (SepF/Cont/Sonc/Soxh): SEPF

Date Extracted: 05/23/2002

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 05/25/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Q

CAS NO.	COMPOUND		
12674-11-2----	Aroclor 1016	0.50	U
11104-28-2----	Aroclor 1221	0.50	U
11141-16-5----	Aroclor 1232	0.50	U
53469-21-9----	Aroclor 1242	0.50	U
12672-29-6----	Aroclor 1248	0.50	U
11097-69-1----	Aroclor 1254	0.50	U
11096-82-5----	Aroclor 1260	0.50	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

000063

Client No.

RI SW-05

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A2517302

Sample wt/vol: 1015.00 (g/mL) ML Lab File ID: LB04365.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 05/21/2002 05/22/2002

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 05/23/2002

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 05/25/2002

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Q

CAS NO.	COMPOUND		
12674-11-2----	Aroclor 1016	0.49	U
11104-28-2----	Aroclor 1221	0.49	U
11141-16-5----	Aroclor 1232	0.49	U
53469-21-9----	Aroclor 1242	0.49	U
12672-29-6----	Aroclor 1248	0.49	U
11097-69-1----	Aroclor 1254	0.49	U
11096-82-5----	Aroclor 1260	0.49	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

000062

Client No.

RI SW-07

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A2517301

Sample wt/vol: 1010.00 (g/mL) ML

Lab File ID: LB04364.TX0

% Moisture: _____ decanted: (Y/N) N

Date Samp/Recv: 05/21/2002 05/22/2002

Extraction: (SepF/Cont/Sonc/Soxh): SEPF

Date Extracted: 05/23/2002

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 05/25/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
12674-11-2----	Aroclor 1016	0.50	U
11104-28-2----	Aroclor 1221	0.50	U
11141-16-5----	Aroclor 1232	0.50	U
53469-21-9----	Aroclor 1242	0.50	U
12672-29-6----	Aroclor 1248	0.50	U
11097-69-1----	Aroclor 1254	0.50	U
11096-82-5----	Aroclor 1260	0.50	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

000065

Client No.

RI SW-08

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A2517304

Sample wt/vol: 1050.00 (g/mL) ML

Lab File ID: LB04367.TX0

% Moisture: _____ decanted: (Y/N) N

Date Samp/Recv: 05/21/2002 05/22/2002

Extraction: (SepF/Cont/Sonc/Soxh): SEPF

Date Extracted: 05/23/2002

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 05/25/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Q

CAS NO.	COMPOUND		
12674-11-2----	Aroclor 1016	0.48	U
11104-28-2----	Aroclor 1221	0.48	U
11141-16-5----	Aroclor 1232	0.48	U
53469-21-9----	Aroclor 1242	0.48	U
12672-29-6----	Aroclor 1248	0.48	U
11097-69-1----	Aroclor 1254	0.48	U
11096-82-5----	Aroclor 1260	0.48	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

000066

Client No.

RI SW-09

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A2517305

Sample wt/vol: 1020.00 (g/mL) ML

Lab File ID: LB04368.TX0

% Moisture: _____ decanted: (Y/N) N

Date Samp/Recv: 05/21/2002 05/22/2002

Extraction: (SepF/Cont/Sonc/Soxh): SEPF

Date Extracted: 05/23/2002

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 05/25/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) <u>UG/L</u>	<u>Q</u>
12674-11-2----	Aroclor 1016	0.49	U
11104-28-2----	Aroclor 1221	0.49	U
11141-16-5----	Aroclor 1232	0.49	U
53469-21-9----	Aroclor 1242	0.49	U
12672-29-6----	Aroclor 1248	0.49	U
11097-69-1----	Aroclor 1254	0.49	U
11096-82-5----	Aroclor 1260	0.49	U

METHOD 8081 - TCL PESTICIDES
ANALYSIS DATA SHEET

000056

Client No.

RI SW-01

Lab Name: STL Buffalo

Contract: _____

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

Matrix: (soil/water) WATER

Lab Sample ID: A2517308

Sample wt/vol: 1010.00 (g/mL) ML

Lab File ID: RA17118.TX0

% Moisture: _____ decanted: (Y/N) N

Date Samp/Recv: 05/21/2002 05/22/2002

Extraction: (SepF/Cont/Sonc/Soxh): SEPF

Date Extracted: 05/23/2002

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 06/07/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>UG/L</u>	Q
309-00-2-----	Aldrin	0.050	U <u>5</u>
319-84-6-----	alpha-BHC	0.050	U
319-85-7-----	beta-BHC	0.050	U
58-89-9-----	gamma-BHC (Lindane)	0.050	U
319-86-8-----	delta-BHC	0.050	U
57-74-9-----	Chlordane	0.050	U
72-54-8-----	4,4'-DDD	0.050	U
72-55-9-----	4,4'-DDE	0.050	U
50-29-3-----	4,4'-DDT	0.050	U
60-57-1-----	Dieldrin	0.050	U
959-98-8-----	Endosulfan I	0.050	U
33213-65-9---	Endosulfan II	0.050	U
1031-07-8----	Endosulfan Sulfate	0.050	U
72-20-8-----	Endrin	0.050	U
7421-93-4----	Endrin aldehyde	0.050	U
76-44-8-----	Heptachlor	0.050	U
1024-57-3----	Heptachlor epoxide	0.050	U
72-43-5-----	Methoxychlor	0.050	U
8001-35-2-----	Toxaphene	0.099	U <u>✓</u>

METHOD 8081 - TCL PESTICIDES
ANALYSIS DATA SHEET

000052

Client No.

RI SW-02

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A2517307

Sample wt/vol: 880.00 (g/mL) ML

Lab File ID: RA17115.TX0

% Moisture: _____ decanted: (Y/N) N

Date Samp/Recv: 05/21/2002 05/22/2002

Extraction: (SepF/Cont/Sonc/Soxh): SEPF

Date Extracted: 05/23/2002

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 06/07/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/L

Q

309-00-2-----	Aldrin	0.057	U J
319-84-6-----	alpha-BHC	0.057	U
319-85-7-----	beta-BHC	0.057	U
58-89-9-----	gamma-BHC (Lindane)	0.057	U
319-86-8-----	delta-BHC	0.057	U
57-74-9-----	Chlordane	0.057	U
72-54-8-----	4,4'-DDD	0.057	U
72-55-9-----	4,4'-DDE	0.057	U
50-29-3-----	4,4'-DDT	0.057	U
60-57-1-----	Dieldrin	0.057	U
959-98-8-----	Endosulfan I	0.057	U
33213-65-9----	Endosulfan II	0.057	U
1031-07-8-----	Endosulfan Sulfate	0.057	U
72-20-8-----	Endrin	0.057	U
7421-93-4-----	Endrin aldehyde	0.057	U
76-44-8-----	Heptachlor	0.057	U
1024-57-3-----	Heptachlor epoxide	0.057	U
72-43-5-----	Methoxychlor	0.057	U
8001-35-2-----	Toxaphene	0.11	U

METHOD 8081 - TCL PESTICIDES
ANALYSIS DATA SHEET

000060

Client No.

Lab Name: STL Buffalo

Contract: _____

RI SW FD

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

Dup of SW-02

Matrix: (soil/water) WATER

Lab Sample ID: A2517310

Sample wt/vol: 990.00 (g/mL) ML

Lab File ID: RA17122.TX0

% Moisture: _____ decanted: (Y/N) N

Date Samp/Recv: 05/21/2002 05/22/2002

Extraction: (SepF/Cont/Sonc/Soxh): SEPF

Date Extracted: 05/23/2002

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 06/07/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

309-00-2	-----Aldrin	0.050	U	J
319-84-6	-----alpha-BHC	0.050	U	
319-85-7	-----beta-BHC	0.050	U	
58-89-9	-----gamma-BHC (Lindane)	0.050	U	
319-86-8	-----delta-BHC	0.050	U	
57-74-9	-----Chlordane	0.050	U	
72-54-8	-----4,4'-DDD	0.050	U	
72-55-9	-----4,4'-DDE	0.050	U	
50-29-3	-----4,4'-DDT	0.050	U	
60-57-1	-----Dieldrin	0.050	U	
959-98-8	-----Endosulfan I	0.050	U	
33213-65-9	-----Endosulfan II	0.050	U	
1031-07-8	-----Endosulfan Sulfate	0.050	U	
72-20-8	-----Endrin	0.050	U	
7421-93-4	-----Endrin aldehyde	0.050	U	
76-44-8	-----Heptachlor	0.050	U	
1024-57-3	-----Heptachlor epoxide	0.050	U	
72-43-5	-----Methoxychlor	0.050	U	
8001-35-2	-----Toxaphene	0.10	U	✓

METHOD 8081 - TCL PESTICIDES
ANALYSIS DATA SHEET

000051
Client No.

RI SW-03

Lab Name: STL Buffalo

Contract: _____

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

Matrix: (soil/water) WATER

Lab Sample ID: A2517306

Sample wt/vol: 1060.00 (g/mL) ML

Lab File ID: RA17114.TX0

% Moisture: _____ decanted: (Y/N) N

Date Samp/Recv: 05/21/2002 05/22/2002

Extraction: (SepF/Cont/Sonc/Soxh): SEPF

Date Extracted: 05/23/2002

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 06/07/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>UG/L</u>	Q
309-00-2-----	Aldrin	0.047	U 
319-84-6-----	alpha-BHC	0.047	U
319-85-7-----	beta-BHC	0.047	U
58-89-9-----	gamma-BHC (Lindane)	0.047	U
319-86-8-----	delta-BHC	0.047	U
57-74-9-----	Chlordane	0.047	U
72-54-8-----	4,4'-DDD	0.047	U
72-55-9-----	4,4'-DDE	0.047	U
50-29-3-----	4,4'-DDT	0.047	U
60-57-1-----	Dieldrin	0.047	U
959-98-8-----	Endosulfan I	0.047	U
33213-65-9---	Endosulfan II	0.047	U
1031-07-8----	Endosulfan Sulfate	0.047	U
72-20-8-----	Endrin	0.047	U
7421-93-4----	Endrin aldehyde	0.047	U
76-44-8-----	Heptachlor	0.047	U
1024-57-3----	Heptachlor epoxide	0.047	U
72-43-5-----	Methoxychlor	0.047	U
8001-35-2-----	Toxaphene	0.094	U 

METHOD 8081 - TCL PESTICIDES
ANALYSIS DATA SHEET

000045

Client No.

RI SW-04

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A2517303

Sample wt/vol: 1060.00 (g/mL) ML

Lab File ID: RA17111.TX0

% Moisture: _____ decanted: (Y/N) N

Date Samp/Recv: 05/21/2002 05/22/2002

Extraction: (SepF/Cont/Sonc/Soxh): SEPF

Date Extracted: 05/23/2002

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 06/07/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 10.00

GPC Cleanup: (Y/N) N pH: 6.00

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>UG/L</u>	Q
309-00-2-----	Aldrin	0.47	U <u>J</u>
319-84-6-----	alpha-BHC	0.47	U
319-85-7-----	beta-BHC	0.47	U
58-89-9-----	gamma-BHC (Lindane)	0.47	U
319-86-8-----	delta-BHC	0.47	U
57-74-9-----	Chlordane	0.47	U
72-54-8-----	4,4'-DDD	0.47	U
72-55-9-----	4,4'-DDE	0.47	U
50-29-3-----	4,4'-DDT	0.47	U
60-57-1-----	Dieldrin	0.47	U
959-98-8-----	Endosulfan I	0.47	U
33213-65-9----	Endosulfan II	0.47	U
1031-07-8-----	Endosulfan Sulfate	0.47	U
72-20-8-----	Endrin	0.47	U
7421-93-4-----	Endrin aldehyde	0.47	U
76-44-8-----	Heptachlor	0.47	U
1024-57-3-----	Heptachlor epoxide	0.47	U
72-43-5-----	Methoxychlor	0.47	U
8001-35-2-----	Toxaphene	0.94	U <u>✓</u>

METHOD 8081 - TCL PESTICIDES
ANALYSIS DATA SHEET

000043

Client No.

RI SW-05

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A2517302

Sample wt/vol: 1030.00 (g/mL) ML

Lab File ID: RA17110.TX0

% Moisture: _____ decanted: (Y/N) N

Date Samp/Recv: 05/21/2002 05/22/2002

Extraction: (SepF/Cont/Sonc/Soxh): SEPF

Date Extracted: 05/23/2002

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 06/07/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Q

CAS NO.	COMPOUND		
309-00-2-----	Aldrin	0.048	U J
319-84-6-----	alpha-BHC	0.048	U
319-85-7-----	beta-BHC	0.048	U
58-89-9-----	gamma-BHC (Lindane)	0.048	U
319-86-8-----	delta-BHC	0.048	U
57-74-9-----	Chlordane	0.048	U
72-54-8-----	4,4'-DDD	0.048	U
72-55-9-----	4,4'-DDE	0.048	U
50-29-3-----	4,4'-DDT	0.048	U
60-57-1-----	Dieldrin	0.048	U
959-98-8-----	Endosulfan I	0.048	U
33213-65-9---	Endosulfan II	0.048	U
1031-07-8----	Endosulfan Sulfate	0.048	U
72-20-8-----	Endrin	0.048	U
7421-93-4----	Endrin aldehyde	0.048	U u
76-44-8-----	Heptachlor	0.048	U
1024-57-3----	Heptachlor epoxide	0.048	U
72-43-5-----	Methoxychlor	0.048	U
8001-35-2-----	Toxaphene	0.097	U ↓

METHOD 8081 - TCL PESTICIDES
ANALYSIS DATA SHEET

000041

Client No.

RI SW-07

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A2517301

Sample wt/vol: 1005.00 (g/mL) ML

Lab File ID: RA17109.TX0

% Moisture: _____ decanted: (Y/N) N

Date Samp/Recv: 05/21/2002 05/22/2002

Extraction: (SepF/Cont/Sonc/Soxh): SEPF

Date Extracted: 05/23/2002

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 06/07/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
309-00-2-----	Aldrin	0.050	U <u>5</u>
319-84-6-----	alpha-BHC	0.050	U
319-85-7-----	beta-BHC	0.050	U
58-89-9-----	gamma-BHC (Lindane)	0.050	U
319-86-8-----	delta-BHC	0.050	U
57-74-9-----	Chlordane	0.050	U
72-54-8-----	4,4'-DDD	0.050	U
72-55-9-----	4,4'-DDE	0.050	U
50-29-3-----	4,4'-DDT	0.050	U
60-57-1-----	Dieldrin	0.050	U
959-98-8-----	Endosulfan I	0.050	U
33213-65-9---	Endosulfan II	0.050	U
1031-07-8----	Endosulfan Sulfate	0.050	U
72-20-8-----	Endrin	0.050	U
7421-93-4----	Endrin aldehyde	0.050	U
76-44-8-----	Heptachlor	0.050	U
1024-57-3----	Heptachlor epoxide	0.050	U
72-43-5-----	Methoxychlor	0.050	U
8001-35-2-----	Toxaphene	0.10	U <u>✓</u>

METHOD 8081 - TCL PESTICIDES
ANALYSIS DATA SHEET

000047

Client No.

RI SW-08

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A2517304

Sample wt/vol: 1055.00 (g/mL) ML

Lab File ID: RA17112.TX0

% Moisture: _____ decanted: (Y/N) N

Date Samp/Recv: 05/21/2002 05/22/2002

Extraction: (SepF/Cont/Sonc/Soxh): SEPF

Date Extracted: 05/23/2002

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 06/07/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/L

Q

309-00-2-----Aldrin	0.047	U	5
319-84-6-----alpha-BHC	0.047	U	
319-85-7-----beta-BHC	0.047	U	
58-89-9-----gamma-BHC (Lindane)	0.047	U	
319-86-8-----delta-BHC	0.047	U	
57-74-9-----Chlordane	0.047	U	
72-54-8-----4,4'-DDD	0.047	U	
72-55-9-----4,4'-DDE	0.047	U	
50-29-3-----4,4'-DDT	0.047	U	
60-57-1-----Dieldrin	0.047	U	
959-98-8-----Endosulfan I	0.047	U	
33213-65-9---Endosulfan II	0.047	U	
1031-07-8-----Endosulfan Sulfate	0.047	U	
72-20-8-----Endrin	0.047	U	
7421-93-4-----Endrin aldehyde	0.047	U	
76-44-8-----Heptachlor	0.047	U	
1024-57-3-----Heptachlor epoxide	0.047	U	
72-43-5-----Methoxychlor	0.047	U	
8001-35-2-----Toxaphene	0.095	U	↓

METHOD 8081 - TCL PESTICIDES
ANALYSIS DATA SHEET

000049

Client No.

RI SW-09

Lab Name: STL Buffalo

Contract: _____

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

Matrix: (soil/water) WATER

Lab Sample ID: A2517305

Sample wt/vol: 1035.00 (g/mL) ML

Lab File ID: RA17113.TX0

% Moisture: _____ decanted: (Y/N) N

Date Samp/Recv: 05/21/2002 05/22/2002

Extraction: (SepF/Cont/Sonc/Soxh): SEPF

Date Extracted: 05/23/2002

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 06/07/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>UG/L</u>	Q
309-00-2-----	Aldrin	0.048	U <u>J</u>
319-84-6-----	alpha-BHC	0.048	U
319-85-7-----	beta-BHC	0.048	U
58-89-9-----	gamma-BHC (Lindane)	0.048	U
319-86-8-----	delta-BHC	0.048	U
57-74-9-----	Chlordane	0.048	U
72-54-8-----	4,4'-DDD	0.048	U
72-55-9-----	4,4'-DDE	0.048	U
50-29-3-----	4,4'-DDT	0.048	U
60-57-1-----	Dieldrin	0.048	U
959-98-8-----	Endosulfan I	0.048	U
33213-65-9----	Endosulfan II	0.048	U
1031-07-8----	Endosulfan Sulfate	0.048	U
72-20-8-----	Endrin	0.048	U
7421-93-4----	Endrin aldehyde	0.048	U
76-44-8-----	Heptachlor	0.048	U
1024-57-3----	Heptachlor epoxide	0.048	U
72-43-5-----	Methoxychlor	0.048	U
8001-35-2-----	Toxaphene	0.097	U <u>↓</u>

O'BRIEN & GERE ENGINEERS, INC.

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

RI SW-01

Contract: NY01-498

Lab Code: STLBFL0

Case No.:

SAS No.:

SDG NO.: A02-5173

Matrix (soil/water): WATER

Lab Sample ID: AD209303

Level (low/med): LOW

Date Received: 5/22/02

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	120	B		P
7440-36-0	Antimony	3.9	U		P
7440-38-2	Arsenic	3.9	U		P
7440-39-3	Barium	91.5	B	E J	P
7440-41-7	Beryllium	0.30	U		P
7440-43-9	Cadmium	0.30	U		P
7440-70-2	Calcium	127000		E J	P
7440-47-3	Chromium	1.2	B		P
7440-48-4	Cobalt	0.70	U		P
7440-50-8	Copper	0.70	U		P
7439-89-6	Iron	951		E J	P
7439-92-1	Lead	4.0		J	P
7439-95-4	Magnesium	22100		E J	P
7439-96-5	Manganese	110		E J	P
7440-02-0	Nickel	1.6	B		P
7440-09-7	Potassium	7430		E J	P
7782-49-2	Selenium	4.4	U		P
7439-97-6	Mercury	0.092	U		CV
7440-22-4	Silver	0.90	U		P
7440-23-5	Sodium	59000		E J	P
7440-28-0	Thallium	5.3	U		P
7440-62-2	Vanadium	0.70	U		P
7440-66-6	Zinc	16.6	B	J	P

Color Before: COLORLESS

Clarity Before: CLEAR

Texture: NONE

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

O'BRIEN & GERE ENGINEERS, INC.

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

RI SW-02

Contract: NY01-498

Lab Code: STLBFLO

Case No.:

SAS No.:

SDG NO.: A02-5173

Matrix (soil/water): WATER

Lab Sample ID: AD209300

Level (low/med): LOW

Date Received: 5/22/02

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	240			P
7440-36-0	Antimony	3.9	U		P
7440-38-2	Arsenic	3.9	U		P
7440-39-3	Barium	86.5	B	E J	P
7440-41-7	Beryllium	0.30	U		P
7440-43-9	Cadmium	0.30	U		P
7440-70-2	Calcium	109000		E J	P
7440-47-3	Chromium	0.90	U		P
7440-48-4	Cobalt	0.70	U		P
7440-50-8	Copper	0.70	U		P
7439-89-6	Iron	798		E J	P
7439-92-1	Lead	5.7		J	P
7439-95-4	Magnesium	21500		E J	P
7439-96-5	Manganese	87.4		E J	P
7440-02-0	Nickel	1.3	U		P
7440-09-7	Potassium	6270		E J	P
7782-49-2	Selenium	4.4	U		P
7439-97-6	Mercury	0.092	U		CV
7440-22-4	Silver	0.90	U		P
7440-23-5	Sodium	81600		E J	P
7440-28-0	Thallium	5.3	U		P
7440-62-2	Vanadium	0.70	U		P
7440-66-6	Zinc	25.2		J	P

Color Before: COLORLESS

Clarity Before: CLEAR

Texture: NONE

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

O'BRIEN & GERE ENGINEERS, INC.

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

RI SW FD

Dup of SW-02

Contract: NY01-498

Lab Code: STLBFLO

Case No.:

SAS No.:

SDG NO.: A02-5173

Matrix (soil/water): WATER

Lab Sample ID: AD209305

Level (low/med): LOW

Date Received: 5/22/02

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	128	B		P
7440-36-0	Antimony	3.9	U		P
7440-38-2	Arsenic	3.9	U		P
7440-39-3	Barium	91.9	B	E J	P
7440-41-7	Beryllium	0.30	U		P
7440-43-9	Cadmium	0.30	U		P
7440-70-2	Calcium	110000		E J	P
7440-47-3	Chromium	0.90	U		P
7440-48-4	Cobalt	0.70	U		P
7440-50-8	Copper	0.70	U		P
7439-89-6	Iron	605		E J	P
7439-92-1	Lead	4.2		J	P
7439-95-4	Magnesium	21100		E J	P
7439-96-5	Manganese	68.8		E J	P
7440-02-0	Nickel	1.3	U		P
7440-09-7	Potassium	6360		E J	P
7782-49-2	Selenium	4.4	U		P
7439-97-6	Mercury	0.092	U		CV
7440-22-4	Silver	0.90	U		P
7440-23-5	Sodium	74100		E J	P
7440-28-0	Thallium	5.3	U		P
7440-62-2	Vanadium	0.70	U		P
7440-66-6	Zinc	17.2	B	J	P

Color Before: COLORLESS

Clarity Before: CLEAR

Texture: NONE

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

O'BRIEN & GERE ENGINEERS, INC.

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

RI SW-03

Contract: NY01-498

Lab Code: STLBFLO

Case No.:

SAS No.:

SDG NO.: A02-5173

Matrix (soil/water): WATER

Lab Sample ID: AD209299

Level (low/med): LOW

Date Received: 5/22/02

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	88.3	B		P
7440-36-0	Antimony	3.9	U		P
7440-38-2	Arsenic	3.9	U		P
7440-39-3	Barium	132	B	E J	P
7440-41-7	Beryllium	0.30	U		P
7440-43-9	Cadmium	0.30	U		P
7440-70-2	Calcium	113000		E J	P
7440-47-3	Chromium	0.90	U		P
7440-48-4	Cobalt	0.70	U		P
7440-50-8	Copper	0.70	U		P
7439-89-6	Iron	3920		E J	P
7439-92-1	Lead	3.9		J	P
7439-95-4	Magnesium	19700		E J	P
7439-96-5	Manganese	144		E J	P
7440-02-0	Nickel	1.3	U		P
7440-09-7	Potassium	5830		E J	P
7782-49-2	Selenium	4.4	U		P
7439-97-6	Mercury	0.092	U		CV
7440-22-4	Silver	0.90	U		P
7440-23-5	Sodium	66800		E J	P
7440-28-0	Thallium	5.3	U		P
7440-62-2	Vanadium	0.70	U		P
7440-66-6	Zinc	87.4		J	P

Color Before: COLORLESS

Clarity Before: CLEAR

Texture: NONE

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

O'BRIEN & GERE ENGINEERS, INC.

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

RI SW-04

Contract: NY01-498

Lab Code: STLBFLO

Case No.:

SAS No.:

SDG NO.: A02-5173

Matrix (soil/water): WATER

Lab Sample ID: AD209296

Level (low/med): LOW

Date Received: 5/22/02

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1950			P
7440-36-0	Antimony	4.3	B		P
7440-38-2	Arsenic	15.6			P
7440-39-3	Barium	333		E J	P
7440-41-7	Beryllium	0.30	B		P
7440-43-9	Cadmium	0.45	B		P
7440-70-2	Calcium	126000		E J	P
7440-47-3	Chromium	7.4	B		P
7440-48-4	Cobalt	2.9	B		P
7440-50-8	Copper	17.9	B		P
7439-89-6	Iron	39600		E J	P
7439-92-1	Lead	53.0			P
7439-95-4	Magnesium	22200		E J	P
7439-96-5	Manganese	1360		E J	P
7440-02-0	Nickel	6.6	B		P
7440-09-7	Potassium	6890		E J	P
7782-49-2	Selenium	4.4	U		P
7439-97-6	Mercury	0.092	U		CV
7440-22-4	Silver	0.90	U		P
7440-23-5	Sodium	69000		E J	P
7440-28-0	Thallium	5.3	U		P
7440-62-2	Vanadium	7.7	B		P
7440-66-6	Zinc	582			P

Color Before: COLORLESS

Clarity Before: CLEAR

Texture: NONE

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

O'BRIEN & GERE ENGINEERS, INC.

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

RI SW-05

Contract: NY01-498

Lab Code: STLBFO

Case No.:

SAS No.:

SDG NO.: A02-5173

Matrix (soil/water): WATER

Lab Sample ID: AD209295

Level (low/med): LOW

Date Received: 5/22/02

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	86.2	B		P
7440-36-0	Antimony	3.9	U		P
7440-38-2	Arsenic	3.9	U		P
7440-39-3	Barium	120	B	E J	P
7440-41-7	Beryllium	0.36	B		P
7440-43-9	Cadmium	0.30	U		P
7440-70-2	Calcium	111000		E J	P
7440-47-3	Chromium	0.90	U		P
7440-48-4	Cobalt	0.70	U		P
7440-50-8	Copper	0.70	U		P
7439-89-6	Iron	359		E J	P
7439-92-1	Lead	2.4	U		P
7439-95-4	Magnesium	20100		E J	P
7439-96-5	Manganese	40.4		E J	P
7440-02-0	Nickel	1.3	U		P
7440-09-7	Potassium	5710		E J	P
7782-49-2	Selenium	4.4	U		P
7439-97-6	Mercury	0.092	U		CV
7440-22-4	Silver	0.90	U		P
7440-23-5	Sodium	65500		E J	P
7440-28-0	Thallium	5.3	U		P
7440-62-2	Vanadium	0.70	U		P
7440-66-6	Zinc	21.0		J	P

Color Before: COLORLESS

Clarity Before: CLEAR

Texture: NONE

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

O'BRIEN & GERE ENGINEERS, INC.

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

RI SW-07

Contract: NY01-498

Lab Code: STLBFLO

Case No.:

SAS No.:

SDG NO.: A02-5173

Matrix (soil/water): WATER

Lab Sample ID: AD209292

Level (low/med): LOW

Date Received: 5/22/02

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	92.8	B		P
7440-36-0	Antimony	3.9	U		P
7440-38-2	Arsenic	3.9	U		P
7440-39-3	Barium	54.2	B	E J	P
7440-41-7	Beryllium	0.30	U		P
7440-43-9	Cadmium	0.41	B		P
7440-70-2	Calcium	95200		E J	P
7440-47-3	Chromium	0.90	U		P
7440-48-4	Cobalt	0.70	U		P
7440-50-8	Copper	0.70	U		P
7439-89-6	Iron	192		E J	P
7439-92-1	Lead	2.6	B	J	P
7439-95-4	Magnesium	14800		E J	P
7439-96-5	Manganese	145		E J	P
7440-02-0	Nickel	2.5	B		P
7440-09-7	Potassium	2730	B	E J	P
7782-49-2	Selenium	4.4	U		P
7439-97-6	Mercury	0.092	U		C
7440-22-4	Silver	0.90	U		P
7440-23-5	Sodium	31100		E J	P
7440-28-0	Thallium	5.3	U		P
7440-62-2	Vanadium	0.70	U		P
7440-66-6	Zinc	10.1	B	J	P

Color Before: COLORLESS

Clarity Before: CLEAR

Texture: NONE

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

O'BRIEN & GERE ENGINEERS, INC.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

RI SW-08

Contract: NY01-498

Lab Code: STLBFLO

Case No.:

SAS No.:

SDG NO.: A02-5173

Matrix (soil/water): WATER

Lab Sample ID: AD209297

Level (low/med): LOW

Date Received: 5/22/02

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1020			P
7440-36-0	Antimony	3.9	U		P
7440-38-2	Arsenic	12.7			P
7440-39-3	Barium	395		E J	P
7440-41-7	Beryllium	0.30	U		P
7440-43-9	Cadmium	0.45	B		P
7440-70-2	Calcium	111000		E J	P
7440-47-3	Chromium	6.6	B		P
7440-48-4	Cobalt	1.7	B		P
7440-50-8	Copper	10.7	B		P
7439-89-6	Iron	15200		E J	P
7439-92-1	Lead	32.4			P
7439-95-4	Magnesium	21400		E J	P
7439-96-5	Manganese	1510		E J	P
7440-02-0	Nickel	4.0	B		P
7440-09-7	Potassium	6970		E J	P
7782-49-2	Selenium	4.4	U		P
7439-97-6	Mercury	0.092	U		CV
7440-22-4	Silver	0.90	U		P
7440-23-5	Sodium	59800		E J	P
7440-28-0	Thallium	5.3	U		P
7440-62-2	Vanadium	5.6	B		P
7440-66-6	Zinc	364			P

Color Before: COLORLESS

Clarity Before: CLEAR

Texture: NONE

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

O'BRIEN & GERE ENGINEERS, INC.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

RI SW-09

Contract: NY01-498

Lab Code: STLBFLO

Case No.:

SAS No.:

SDG NO.: A02-5173

Matrix (soil/water): WATER

Lab Sample ID: AD209298

Level (low/med): LOW

Date Received: 5/22/02

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	54.2	B		P
7440-36-0	Antimony	3.9	U		P
7440-38-2	Arsenic	7.5	B		P
7440-39-3	Barium	96.4	B	E J	P
7440-41-7	Beryllium	0.30	U		P
7440-43-9	Cadmium	0.30	U		P
7440-70-2	Calcium	103000		E J	P
7440-47-3	Chromium	1.6	B		P
7440-48-4	Cobalt	0.70	U		P
7440-50-8	Copper	0.70	U		P
7439-89-6	Iron	1630		E J	P
7439-92-1	Lead	2.4	U		P
7439-95-4	Magnesium	23900		E J	P
7439-96-5	Manganese	561		E J	P
7440-02-0	Nickel	1.4	B		P
7440-09-7	Potassium	8590		E J	P
7782-49-2	Selenium	4.4	U		P
7439-97-6	Mercury	0.092	U		CV
7440-22-4	Silver	0.90	U		P
7440-23-5	Sodium	64200		E J	P
7440-28-0	Thallium	5.3	U		P
7440-62-2	Vanadium	0.70	U		P
7440-66-6	Zinc	36.4		J	P

Color Before: COLORLESS

Clarity Before: CLEAR

Texture: NONE

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

Wet Chemistry Analysis

000089

Client Sample No.

RI SW-01

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix (soil/water): WATERLab Sample ID: A2517308% Solids: 0.0Date Samp/Recv: 05/21/2002 05/22/2002

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total _____	UG/L	10	✓			9012A	05/31/2002
pH _____	S.U.	7.77				9040	05/22/2002

Comments:

Wet Chemistry Analysis

000088

Client Sample No.

RI SW-02

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix (soil/water): WATERLab Sample ID: A2517307% Solids: 0.0Date Samp/Recv: 05/21/2002 05/22/2002

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/L	10 0.00010	U			9012A	05/31/2002
pH	S.U.	7.88				9040	05/22/2002

Comments:

Wet Chemistry Analysis

000091

Client Sample No.

Lab Name: STL Buffalo

Contract: _____

RI SW FD

Lab Code: RECNY

Case No.: _____

SAS No.: _____

Dup of SW-02

SDG No.: _____

Matrix (soil/water): WATERLab Sample ID: A2517310% Solids: 0.0Date Samp/Recv: 05/21/2002 05/22/2002

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/L	10 0.00060	u			9012A	05/31/2002
pH	S.U.	7.94				9040	05/22/2002

Comments:

000087

Wet Chemistry Analysis

Client Sample No.

RI SW-03

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix (soil/water): WATERLab Sample ID: A2517306% Solids: 0.0Date Samp/Recv: 05/21/2002 05/22/2002

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total _____	UG/L	10 0.00080	U			9012A	05/31/2002
pH _____	S.U.	7.73				9040	05/22/2002

Comments:

Wet Chemistry Analysis

000084

Client Sample No.

Lab Name: STL Buffalo

Contract: _____

RI SW-04

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix (soil/water): WATERLab Sample ID: A2517303% Solids: 0.0Date Samp/Recv: 05/21/2002 05/22/2002

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/L	10 0.0012	u			9012A	05/31/2002
pH	S.U.	7.91				9040	05/22/2002

Comments:

Wet Chemistry Analysis

000083

Client Sample No.

RI SW-05

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix (soil/water): WATERLab Sample ID: A2517302% Solids: 0.0Date Samp/Recv: 05/21/2002 05/22/2002

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/L	10 0.00040	U	8-1-2002		9012A	05/31/2002
pH	S.U.	7.96				9040	05/22/2002

Comments:

000082

Wet Chemistry Analysis

Client Sample No.

RI SW-07

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix (soil/water): WATERLab Sample ID: A2517301% Solids: 0.0Date Samp/Recv: 05/21/2002 05/22/2002

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/L	10 0.00030	u	6.1207		9012A	05/31/2002
pH	S.U.	7.93				9040	05/22/2002

Comments:

Wet Chemistry Analysis

000085

Client Sample No.

RI SW-08

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix (soil/water): WATERLab Sample ID: A2517304% Solids: 0.0Date Samp/Recv: 05/21/2002 05/22/2002

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/L	10.00				9012A	05/31/2002
pH	S.U.	7.70				9040	05/22/2002

Comments:

Wet Chemistry Analysis

000086

Client Sample No.

Lab Name: STL Buffalo

Contract: _____

RI SW-09

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix (soil/water): WATERLab Sample ID: A2517305% Solids: 0.0Date Samp/Recv: 05/21/2002 05/22/2002

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total _____	UG/L	10 8 ^u				9012A	05/31/2002
pH _____	S.U.	7.36				9040	05/22/2002

Comments:

**Sediment and Surface Soil
Analytical Results**

**Sediment and Surface Soil Quality Data
Volatile Organic Compound Results**

Appendix L-1
Sediment and Surface Soil Quality Data
Volatile Organic Compound Results

Old Erie Canal Site
Clyde, New York

Compound	SED 01	SED 02	RI SED FD	SED 03	SED 04
	5/21/02	5/21/02	Dup. Of SED 02 5/21/02	5/21/02	5/21/02
Acetone	120 UJ	80 UJ	66 UJ	38 UJ	220 UJ
Benzene	37 UJ	33 UJ	38 UJ	26 UJ	42 UJ
Bromodichloromethane	37 UJ	33 UJ	38 UJ	26 UJ	42 UJ
Bromoform	37 UJ	33 UJ	38 UJ	26 UJ	42 UJ
Bromomethane	37 UJ	33 UJ	38 UJ	26 UJ	42 UJ
2-Butanone	37 UJ	33 UJ	38 UJ	26 UJ	42 UJ
Carbon disulfide	37 UJ	33 UJ	38 UJ	26 UJ	42 UJ
Carbon tetrachloride	37 UJ	33 UJ	38 UJ	26 UJ	42 UJ
Chlorobenzene	37 UJ	33 UJ	38 UJ	26 UJ	42 UJ
Chloroethane	37 UJ	33 UJ	38 UJ	26 UJ	42 UJ
Chloroform	37 UJ	33 UJ	38 UJ	26 UJ	42 UJ
Chloromethane	37 UJ	33 UJ	38 UJ	26 UJ	42 UJ
Dibromochloromethane	37 UJ	33 UJ	38 UJ	26 UJ	42 UJ
1,1-Dichloroethane	37 UJ	33 UJ	38 UJ	3 J	42 UJ
1,2-Dichloroethane	37 UJ	33 UJ	38 UJ	26 UJ	42 UJ
1,1-Dichloroethene	37 UJ	33 UJ	38 UJ	26 UJ	42 UJ
cis-1,2-Dichloroethene	37 UJ	33 UJ	38 UJ	4 J	45 J
trans-1,2-Dichloroethene	37 UJ	33 UJ	38 UJ	26 UJ	42 UJ
1,2-Dichloropropane	37 UJ	33 UJ	38 UJ	26 UJ	42 UJ
cis-1,3-Dichloropropene	37 UJ	33 UJ	38 UJ	26 UJ	42 UJ
trans-1,3-Dichloropropene	37 UJ	33 UJ	38 UJ	26 UJ	42 UJ
Ethylbenzene	37 UJ	33 UJ	38 UJ	26 UJ	42 UJ
2-Hexanone	37 UJ	33 UJ	38 UJ	26 UJ	42 UJ
Methylene chloride	37 UJ	33 UJ	38 UJ	26 UJ	42 UJ
4-Methyl-2-pentanone	37 UJ	33 UJ	38 UJ	26 UJ	42 UJ
Styrene	37 UJ	33 UJ	38 UJ	26 UJ	42 UJ
1,1,2,2-Tetrachloroethane	37 UJ	33 UJ	38 UJ	26 UJ	42 UJ
Tetrachloroethene	37 UJ	33 UJ	38 UJ	26 UJ	42 UJ
Toluene	37 UJ	33 UJ	38 UJ	26 UJ	42 UJ
1,1,1-Trichloroethane	37 UJ	33 UJ	38 UJ	26 UJ	42 UJ
1,1,2-Trichloroethane	37 UJ	33 UJ	38 UJ	26 UJ	42 UJ
Trichloroethene	37 UJ	33 UJ	38 UJ	26 UJ	17 J
Vinyl chloride	37 UJ	33 UJ	38 UJ	3 J	6 J
Xylene (total)	56 UJ	50 UJ	57 UJ	39 UJ	64 UJ

Notes:

1. All units in ug/kg.
2. All analyses performed by Severn Trent Laboratories, Inc. of Buffalo, New York.
3. Volatile organic compounds quantitated by EPA SW-846 Method 8260B.
4. "U" designates that the compound was not detected at or above the quantitation limit shown.
5. "J" designates that the detected concentration should be considered estimated because associated QC criteria was exceeded.
6. "D" designates compounds identified in an analysis at the secondary dilution factor.
7. "B" designates that the compound was detected in the associated blank as well.

Appendix L-1
Sediment and Surface Soil Quality Data
Volatile Organic Compound Results

Old Erie Canal Site
Clyde, New York

Compound	SED 05 5/21/02	SED 06 5/21/02	SED 07 5/21/02	SED 08 5/21/02	SED 09 5/21/02
Acetone	58 UJ	68 UJ	62 UJ	28 UJ	26 UJ
Benzene	30 UJ	68 UJ	62 UJ	28 UJ	25 UJ
Bromodichloromethane	30 UJ	68 UJ	62 UJ	28 UJ	25 UJ
Bromoform	30 UJ	68 UJ	62 UJ	28 UJ	25 UJ
Bromomethane	30 UJ	68 UJ	62 UJ	28 UJ	25 UJ
2-Butanone	30 UJ	68 UJ	62 UJ	28 UJ	25 UJ
Carbon disulfide	30 UJ	68 UJ	62 UJ	28 UJ	4 J
Carbon tetrachloride	30 UJ	68 UJ	62 UJ	28 UJ	25 UJ
Chlorobenzene	30 UJ	68 UJ	62 UJ	28 UJ	25 UJ
Chloroethane	30 UJ	68 UJ	62 UJ	28 UJ	25 UJ
Chloroform	30 UJ	68 UJ	62 UJ	28 UJ	25 UJ
Chloromethane	30 UJ	68 UJ	62 UJ	28 UJ	25 UJ
Dibromochloromethane	30 UJ	68 UJ	62 UJ	28 UJ	25 UJ
1,1-Dichloroethane	30 UJ	68 UJ	62 UJ	5 J	4 J
1,2-Dichloroethane	30 UJ	68 UJ	62 UJ	28 UJ	25 UJ
1,1-Dichloroethene	30 UJ	68 UJ	62 UJ	28 UJ	25 UJ
cis-1,2-Dichloroethene	37 J	15 J	28 J	990 DJ	1000 DJ
trans-1,2-Dichloroethene	30 UJ	68 UJ	62 UJ	5 J	6 J
1,2-Dichloropropane	30 UJ	68 UJ	62 UJ	28 UJ	25 UJ
cis-1,3-Dichloropropene	30 UJ	68 UJ	62 UJ	28 UJ	25 UJ
trans-1,3-Dichloropropene	30 UJ	68 UJ	62 UJ	28 UJ	25 UJ
Ethylbenzene	30 UJ	68 UJ	62 UJ	28 UJ	25 UJ
2-Hexanone	30 UJ	68 UJ	62 UJ	28 UJ	25 UJ
Methylene chloride	30 UJ	68 UJ	62 UJ	28 UJ	25 UJ
4-Methyl-2-pentanone	30 UJ	68 UJ	62 UJ	28 UJ	25 UJ
Styrene	30 UJ	68 UJ	62 UJ	28 UJ	25 UJ
1,1,2,2-Tetrachloroethane	30 UJ	68 UJ	62 UJ	28 UJ	25 UJ
Tetrachloroethene	30 UJ	68 UJ	62 UJ	50 J	13 J
Toluene	30 UJ	68 UJ	62 UJ	28 UJ	25 UJ
1,1,1-Trichloroethane	30 UJ	68 UJ	62 UJ	5 J	25 UJ
1,1,2-Trichloroethane	30 UJ	68 UJ	62 UJ	28 UJ	25 UJ
Trichloroethene	30 UJ	68 UJ	7 J	230 J	80 J
Vinyl chloride	30 UJ	68 UJ	62 UJ	19 J	120 J
Xylene (total)	46 UJ	100 UJ	93 UJ	42 UJ	38 UJ

Notes:

1. All units in ug/kg.
2. All analyses performed by Severn Trent Laboratories, Inc. of Buffalo, New York.
3. Volatile organic compounds quantitated by EPA SW-846 Method 8260B.
4. "U" designates that the compound was not detected at or above the quantitation limit shown.
5. "J" designates that the detected concentration should be considered estimated because associated QC criteria was exceeded.
6. "D" designates compounds identified in an analysis at the secondary dilution factor.
7. "B" designates that the compound was detected in the associated blank as well.

Appendix L-1
Sediment and Surface Soil Quality Data
Volatile Organic Compound Results

Old Erie Canal Site
Clyde, New York

Compound	SED 10 11/21/02	SS-01 5/21/02
Acetone	41	14 U
Benzene	40 UJ	14 U
Bromodichloromethane	40 UJ	14 U
Bromoform	40 UJ	14 U
Bromomethane	40 UJ	14 U
2-Butanone	40 UJ	14 U
Carbon disulfide	40 UJ	14 UJ
Carbon tetrachloride	40 UJ	14 U
Chlorobenzene	40 UJ	14 U
Chloroethane	40 UJ	14 U
Chloroform	40 UJ	14 U
Chloromethane	40 UJ	14 U
Dibromochloromethane	40 UJ	14 U
1,1-Dichloroethane	40 UJ	14 U
1,2-Dichloroethane	40 UJ	14 U
1,1-Dichloroethene	40 UJ	14 U
cis-1,2-Dichloroethene	44	14 U
trans-1,2-Dichloroethene	40 UJ	14 U
1,2-Dichloropropane	40 UJ	14 U
cis-1,3-Dichloropropene	40 UJ	14 U
trans-1,3-Dichloropropene	40 UJ	14 U
Ethylbenzene	40 UJ	14 U
2-Hexanone	40 UJ	14 U
Methylene chloride	40 UJ	18 U
4-Methyl-2-pentanone	40 UJ	14 U
Styrene	40 UJ	14 U
1,1,2,2-Tetrachloroethane	40 UJ	14 U
Tetrachloroethene	40 UJ	14 U
Toluene	40 UJ	14 U
1,1,1-Trichloroethane	40 UJ	14 U
1,1,2-Trichloroethane	40 UJ	14 U
Trichloroethene	6 J	14 U
Vinyl chloride	10 J	14 U
Xylene (total)	40 UJ	21 U

Notes:

1. All units in ug/kg.
2. All analyses performed by Severn Trent Laboratories, Inc. of Buffalo, New York.
3. Volatile organic compounds quantitated by EPA SW-846 Method 8260B.
4. "U" designates that the compound was not detected at or above the quantitation limit shown.
5. "J" designates that the detected concentration should be considered estimated because associated QC criteria was exceeded.
6. "D" designates compounds identified in an analysis at the secondary dilution factor.
7. "B" designates that the compound was detected in the associated blank as well.

**Sediment and Surface Soil Quality Data
Semi-Volatile Organic Compound Results**

Appendix L-2
Sediment and Surface Soil Quality Data
Semi-Volatile Organic Compound Results

Old Erie Canal Site
Clyde, New York

Compound	SED 01 5/21/02	SED 02 5/21/02	RI SED FD Dup. Of SED 02 5/21/02	SED 03 5/21/02	SED 04 5/21/02
Acenaphthene	25000 UJ	11000 UJ	25000 UJ	8500 UJ	14000 UJ
Acenaphthylene	25000 UJ	11000 UJ	25000 UJ	8500 UJ	14000 UJ
Anthracene	25000 UJ	640 J	25000 UJ	8500 UJ	1900 J
Benzo(a)anthracene	2100 J	9500 J	8100 J	650 J	22000 J
Benzo(b)fluoranthene	5800 J	27000 J	27000 J	1400 J	52000 J
Benzo(k)fluoranthene	3500 J	22000 J	15000 J	900 J	33000 J
Benzo(g,h,i)perylene	1300 J	6800 J	5800 J	8500 UJ	15000 J
Benzo(a)pyrene	3400 J	17000 J	15000 J	850 J	35000 J
Benzyl Alcohol	25000 UJ	11000 UJ	25000 UJ	8500 UJ	14000 UJ
bis(2-Chloroethoxy)methane	25000 UJ	11000 UJ	25000 UJ	8500 UJ	14000 UJ
bis(2-Chloroethyl)ether	25000 UJ	11000 UJ	25000 UJ	8500 UJ	14000 UJ
bis(2-Chloroisopropyl)ether	25000 UJ	11000 UJ	25000 UJ	8500 UJ	14000 UJ
bis(2-Ethylhexyl)phthalate	5600 J	3300 J	4400 J	2600 J	8800 J
4-Bromophenyl phenyl ether	25000 UJ	11000 UJ	25000 UJ	8500 UJ	14000 UJ
Butyl benzylphthalate	25000 UJ	11000 UJ	25000 UJ	8500 UJ	14000 UJ
4-Chloroaniline	25000 UJ	11000 UJ	25000 UJ	8500 UJ	14000 UJ
4-Chloro-3-methylphenol	25000 UJ	11000 UJ	25000 UJ	8500 UJ	14000 UJ
2-Chloronaphthalene	25000 UJ	11000 UJ	25000 UJ	8500 UJ	14000 UJ
2-Chlorophenol	25000 UJ	11000 UJ	25000 UJ	8500 UJ	14000 UJ
4-Chlorophenyl phenyl ether	25000 UJ	11000 UJ	25000 UJ	8500 UJ	14000 UJ
Chrysene	3500 J	20000 J	17000 J	1100 J	40000 J
Dibenzo(a,h)anthracene	25000 UJ	2800 J	1900 J	8500 UJ	6000 J
Dibenzofuran	25000 UJ	11000 UJ	25000 UJ	8500 UJ	14000 UJ
Di-n-butylphthalate	25000 UJ	11000 UJ	25000 UJ	8500 UJ	14000 UJ
1,2-Dichlorobenzene	25000 UJ	11000 UJ	25000 UJ	8500 UJ	14000 UJ
1,3-Dichlorobenzene	25000 UJ	11000 UJ	25000 UJ	8500 UJ	14000 UJ
1,4-Dichlorobenzene	25000 UJ	11000 UJ	25000 UJ	8500 UJ	14000 UJ
3,3'-Dichlorobenzidine	49000 UJ	22000 UJ	50000 UJ	17000 UJ	28000 UJ
2,4-Dichlorophenol	25000 UJ	11000 UJ	25000 UJ	8500 UJ	14000 UJ
Diethyl phthalate	25000 UJ	11000 UJ	25000 UJ	8500 UJ	14000 UJ
2,4-Dimethylphenol	25000 UJ	11000 UJ	25000 UJ	8500 UJ	14000 UJ
Dimethyl phthalate	25000 UJ	11000 UJ	25000 UJ	8500 UJ	14000 UJ
4,6-Dinitro-2-methylphenol	60000 UJ	26000 UJ	60000 UJ	21000 UJ	33000 UJ
2,4-Dinitrophenol	60000 UJ	26000 UJ	60000 UJ	21000 UJ	33000 UJ
2,4-Dinitrotoluene	25000 UJ	11000 UJ	25000 UJ	8500 UJ	14000 UJ
2,6-Dinitrotoluene	25000 UJ	11000 UJ	25000 UJ	8500 UJ	14000 UJ
Di-n-octyl phthalate	25000 UJ	11000 UJ	25000 UJ	8500 UJ	14000 UJ
Fluoranthene	5600 J	35000 J	28000 J	1700 J	73000 J
Fluorene	25000 UJ	11000 UJ	25000 UJ	8500 UJ	14000 UJ
Hexachlorobenzene	25000 UJ	11000 UJ	25000 UJ	8500 UJ	14000 UJ
Hexachlorobutadiene	25000 UJ	11000 UJ	25000 UJ	8500 UJ	14000 UJ
Hexachlorocyclopentadiene	25000 UJ	11000 UJ	25000 UJ	8500 UJ	14000 UJ
Hexachloroethane	25000 UJ	11000 UJ	25000 UJ	8500 UJ	14000 UJ
Indeno(1,2,3-cd)pyrene	1300 J	7500 J	6200 J	8500 UJ	16000 J
Isophorone	25000 UJ	11000 UJ	25000 UJ	8500 UJ	14000 UJ
2-Methyl naphthalene	25000 UJ	11000 UJ	25000 UJ	8500 UJ	14000 UJ
2-Methylphenol	25000 UJ	11000 UJ	25000 UJ	8500 UJ	14000 UJ
4-Methylphenol	25000 UJ	11000 UJ	25000 UJ	8500 UJ	14000 UJ
Naphthalene	25000 UJ	11000 UJ	25000 UJ	8500 UJ	14000 UJ
2-Nitroaniline	60000 UJ	26000 UJ	60000 UJ	21000 UJ	33000 UJ
3-Nitroaniline	60000 UJ	26000 UJ	60000 UJ	21000 UJ	33000 UJ
4-Nitroaniline	60000 UJ	26000 UJ	60000 UJ	21000 UJ	33000 UJ

Appendix L-2
Sediment and Surface Soil Quality Data
Semi-Volatile Organic Compound Results

Old Erie Canal Site
Clyde, New York

Compound	SED 01 5/21/02	SED 02 5/21/02	RI SED FD		SED 03 5/21/02	SED 04 5/21/02
			Dup. Of	SED 02 5/21/02		
Nitrobenzene	25000 UJ	11000 UJ	25000	UJ	8500 UJ	14000 UJ
2-Nitrophenol	25000 UJ	11000 UJ	25000	UJ	8500 UJ	14000 UJ
4-Nitrophenol	60000 UJ	26000 UJ	60000	UJ	21000 UJ	33000 UJ
N-Nitrosodiphenylamine	25000 UJ	11000 UJ	25000	UJ	8500 UJ	14000 UJ
N-Nitrosodi-n-propylamine	25000 UJ	11000 UJ	25000	UJ	8500 UJ	14000 UJ
Pentachlorophenol	60000 UJ	26000 UJ	60000	UJ	21000 UJ	33000 UJ
Phenanthrene	1400 J	8700 J	7100	J	610 J	24000 J
Phenol	25000 UJ	11000 UJ	25000	UJ	8500 UJ	14000 UJ
Pyrene	3400 J	21000 J	17000	J	1000 J	47000 J
1,2,4-Trichlorobenzene	25000 UJ	11000 UJ	25000	UJ	8500 UJ	14000 UJ
2,4,5-Trichlorophenol	25000 UJ	11000 UJ	25000	UJ	8500 UJ	14000 UJ
2,4,6-Trichlorophenol	25000 UJ	11000 UJ	25000	UJ	8500 UJ	14000 UJ

Notes:

1. All units in ug/kg.
2. All analyses performed by Severn Trent Laboratories, Inc. of Buffalo, New York.
3. Semi-volatile organic compounds quantitated by EPA SW-846 Method 8270C.
4. "U" designates that the compound was not detected at or above the quantitation limit shown.
5. "J" designates that the detected concentration should be considered estimated because associated QC criteria was exceeded.

Appendix L-2
Sediment and Surface Soil Quality Data
Semi-Volatile Organic Compound Results

Old Erie Canal Site
Clyde, New York

Compound	SED 05 5/21/02	SED 06 5/21/02	SED 07 5/21/02	SED 08 5/21/02	SED 09 5/21/02
Acenaphthene	5100 UJ	11000 UJ	10000 UJ	1200 J	3100 J
Acenaphthylene	5100 UJ	11000 UJ	10000 UJ	9200 UJ	17000 UJ
Anthracene	5100 UJ	11000 UJ	10000 UJ	6800 J	16000 J
Benzo(a)anthracene	270 J	650 J	10000 UJ	55000 J	88000 J
Benzo(b)fluoranthene	400 J	1400 J	760 J	98000 J	130000 J
Benzo(k)fluoranthene	340 J	700 J	640 J	52000 J	78000 J
Benzo(g,h,i)perylene	5100 UJ	780 J	10000 UJ	30000 J	35000 J
Benzo(a)pyrene	330 J	980 J	630 J	67000 J	97000 J
Benzyl Alcohol	5100 UJ	11000 UJ	10000 UJ	9200 UJ	17000 UJ
bis(2-Chloroethoxy)methane	5100 UJ	11000 UJ	10000 UJ	9200 UJ	17000 UJ
bis(2-Chloroethyl)ether	5100 UJ	11000 UJ	10000 UJ	9200 UJ	17000 UJ
bis(2-Chloroisopropyl)ether	5100 UJ	11000 UJ	10000 UJ	9200 UJ	17000 UJ
bis(2-Ethylhexyl)phthalate	990 J	1000 J	920 J	3000 J	1700 J
4-Bromophenyl phenyl ether	5100 UJ	11000 UJ	10000 UJ	9200 UJ	17000 UJ
Butyl benzylphthalate	5100 UJ	11000 UJ	10000 UJ	9200 UJ	17000 UJ
4-Chloroaniline	5100 UJ	11000 UJ	10000 UJ	9200 UJ	17000 UJ
4-Chloro-3-methylphenol	5100 UJ	11000 UJ	10000 UJ	9200 UJ	17000 UJ
2-Chloronaphthalene	5100 UJ	11000 UJ	10000 UJ	9200 UJ	17000 UJ
2-Chlorophenol	5100 UJ	11000 UJ	10000 UJ	9200 UJ	17000 UJ
4-Chlorophenyl phenyl ether	5100 UJ	11000 UJ	10000 UJ	9200 UJ	17000 UJ
Chrysene	360 J	1000 J	660 J	75000 J	100000 J
Dibenzo(a,h)anthracene	5100 UJ	11000 UJ	10000 UJ	13000 J	16000 J
Dibenzofuran	5100 UJ	11000 UJ	10000 UJ	850 J	1800 J
Di-n-butylphthalate	5100 UJ	11000 UJ	10000 UJ	9200 UJ	17000 UJ
1,2-Dichlorobenzene	5100 UJ	11000 UJ	10000 UJ	9200 UJ	17000 UJ
1,3-Dichlorobenzene	5100 UJ	11000 UJ	10000 UJ	9200 UJ	17000 UJ
1,4-Dichlorobenzene	5100 UJ	11000 UJ	10000 UJ	9200 UJ	17000 UJ
3,3'-Dichlorobenzidine	10000 UJ	22000 UJ	21000 UJ	18000 UJ	34000 UJ
2,4-Dichlorophenol	5100 UJ	11000 UJ	10000 UJ	9200 UJ	17000 UJ
Diethyl phthalate	5100 UJ	11000 UJ	10000 UJ	9200 UJ	17000 UJ
2,4-Dimethylphenol	5100 UJ	11000 UJ	10000 UJ	9200 UJ	17000 UJ
Dimethyl phthalate	5100 UJ	11000 UJ	10000 UJ	9200 UJ	17000 UJ
4,6-Dinitro-2-methylphenol	12000 UJ	27000 UJ	25000 UJ	22000 UJ	41000 UJ
2,4-Dinitrophenol	12000 UJ	27000 UJ	25000 UJ	22000 UJ	41000 UJ
2,4-Dinitrotoluene	5100 UJ	11000 UJ	10000 UJ	9200 UJ	17000 UJ
2,6-Dinitrotoluene	5100 UJ	11000 UJ	10000 UJ	9200 UJ	17000 UJ
Di-n-octyl phthalate	5100 UJ	11000 UJ	10000 UJ	9200 UJ	17000 UJ
Fluoranthene	600 J	1600 J	1000 J	150000 J	230000 J
Fluorene	5100 UJ	11000 UJ	10000 UJ	2000 J	4800 J
Hexachlorobenzene	5100 UJ	11000 UJ	10000 UJ	9200 UJ	17000 UJ
Hexachlorobutadiene	5100 UJ	11000 UJ	10000 UJ	9200 UJ	17000 UJ
Hexachlorocyclopentadiene	5100 UJ	11000 UJ	10000 UJ	9200 UJ	17000 UJ
Hexachloroethane	5100 UJ	11000 UJ	10000 UJ	9200 UJ	17000 UJ
Indeno(1,2,3-cd)pyrene	5100 UJ	670 J	10000 UJ	31000 J	38000 J
Isophorone	5100 UJ	11000 UJ	10000 UJ	9200 UJ	17000 UJ
2-Methyl naphthalene	5100 UJ	11000 UJ	10000 UJ	9200 UJ	17000 UJ
2-Methylphenol	5100 UJ	11000 UJ	10000 UJ	9200 UJ	17000 UJ
4-Methylphenol	5100 UJ	11000 UJ	10000 UJ	9200 UJ	17000 UJ
Naphthalene	5100 UJ	11000 UJ	10000 UJ	9200 UJ	17000 UJ
2-Nitroaniline	12000 UJ	27000 UJ	25000 UJ	22000 UJ	41000 UJ
3-Nitroaniline	12000 UJ	27000 UJ	25000 UJ	22000 UJ	41000 UJ
4-Nitroaniline	12000 UJ	27000 UJ	25000 UJ	22000 UJ	41000 UJ

Appendix L-2
Sediment and Surface Soil Quality Data
Semi-Volatile Organic Compound Results

Old Erie Canal Site
Clyde, New York

Compound	SED 05 5/21/02	SED 06 5/21/02	SED 07 5/21/02	SED 08 5/21/02	SED 09 5/21/02
Nitrobenzene	5100 UJ	11000 UJ	10000 UJ	9200 UJ	17000 UJ
2-Nitrophenol	5100 UJ	11000 UJ	10000 UJ	9200 UJ	17000 UJ
4-Nitrophenol	12000 UJ	27000 UJ	25000 UJ	22000 UJ	41000 UJ
N-Nitrosodiphenylamine	5100 UJ	11000 UJ	10000 UJ	9200 UJ	17000 UJ
N-Nitrosodi-n-propylamine	5100 UJ	11000 UJ	10000 UJ	9200 UJ	17000 UJ
Pentachlorophenol	12000 UJ	27000 UJ	25000 UJ	22000 UJ	41000 UJ
Phenanthrene	5100 UJ	11000 UJ	10000 UJ	63000 J	120000 J
Phenol	5100 UJ	11000 UJ	10000 UJ	9200 UJ	17000 UJ
Pyrene	450 J	1300 J	870 J	96000 J	140000 J
1,2,4-Trichlorobenzene	5100 UJ	11000 UJ	10000 UJ	9200 UJ	17000 UJ
2,4,5-Trichlorophenol	5100 UJ	11000 UJ	10000 UJ	9200 UJ	17000 UJ
2,4,6-Trichlorophenol	5100 UJ	11000 UJ	10000 UJ	9200 UJ	17000 UJ

Notes:

1. All units in ug/kg.
2. All analyses performed by Severn Trent Laboratories, Inc. of Buffalo, New York.
3. Semi-volatile organic compounds quantitated by EPA SW-846 Method 8270C.
4. "U" designates that the compound was not detected at or above the quantitation limit shown.
5. "J" designates that the detected concentration should be considered estimated because associated QC criteria was exceeded.

Appendix L-2
Sediment and Surface Soil Quality Data
Semi-Volatile Organic Compound Results

Old Erie Canal Site
Clyde, New York

Compound	SED 10 11/21/02	SS-01 5/21/02
Acenaphthene	13000 UJ	450 U
Acenaphthylene	13000 UJ	450 U
Anthracene	13000 UJ	450 U
Benzo(a)anthracene	2200 J	53 J
Benzo(b)fluoranthene	3000 J	80 J
Benzo(k)fluoranthene	1800 J	60 J
Benzo(g,h,i)perylene	1900 J	45 J
Benzo(a)pyrene	2600 J	70 J
Benzyl Alcohol	13000 UJ	450 U
bis(2-Chloroethoxy)methane	13000 UJ	450 U
bis(2-Chloroethyl)ether	13000 UJ	450 U
bis(2-Chloroisopropyl)ether	13000 UJ	450 U
bis(2-Ethylhexyl)phthalate	13000 UJ	130 J
4-Bromophenyl phenyl ether	13000 UJ	450 U
Butyl benzylphthalate	13000 UJ	450 U
4-Chloroaniline	13000 UJ	450 U
4-Chloro-3-methylphenol	13000 UJ	450 U
2-Chloronaphthalene	13000 UJ	450 U
2-Chlorophenol	13000 UJ	450 U
4-Chlorophenyl phenyl ether	13000 UJ	450 U
Chrysene	2900 J	80 J
Dibenzo(a,h)anthracene	13000 UJ	450 U
Dibenzofuran	13000 UJ	450 U
Di-n-butylphthalate	13000 UJ	28 J
1,2-Dichlorobenzene	13000 UJ	450 U
1,3-Dichlorobenzene	13000 UJ	450 U
1,4-Dichlorobenzene	13000 UJ	450 U
3,3'-Dichlorobenzidine	27000 UJ	900 U
2,4-Dichlorophenol	13000 UJ	450 U
Diethyl phthalate	13000 UJ	450 U
2,4-Dimethylphenol	13000 UJ	450 U
Dimethyl phthalate	13000 UJ	450 U
4,6-Dinitro-2-methylphenol	65000 UJ	1100 U
2,4-Dinitrophenol	65000 UJ	1100 U
2,4-Dinitrotoluene	13000 UJ	450 U
2,6-Dinitrotoluene	13000 UJ	450 U
Di-n-octyl phthalate	13000 UJ	41 J
Fluoranthene	6900 J	110 J
Fluorene	13000 UJ	450 U
Hexachlorobenzene	13000 UJ	450 U
Hexachlorobutadiene	13000 UJ	450 U
Hexachlorocyclopentadiene	13000 UJ	450 U
Hexachloroethane	13000 UJ	450 U
Indeno(1,2,3-cd)pyrene	1600 J	43 J
Isophorone	13000 UJ	450 U
2-Methyl naphthalene	13000 UJ	450 U
2-Methylphenol	13000 UJ	450 U
4-Methylphenol	13000 UJ	450 U
Naphthalene	13000 UJ	450 U
2-Nitroaniline	65000 UJ	1100 U
3-Nitroaniline	65000 UJ	1100 U
4-Nitroaniline	65000 UJ	1100 U

Appendix L-2
Sediment and Surface Soil Quality Data
Semi-Volatile Organic Compound Results

Old Erie Canal Site
Clyde, New York

Compound	SED 10 11/21/02	SS-01 5/21/02
Nitrobenzene	13000 UJ	450 U
2-Nitrophenol	13000 UJ	450 U
4-Nitrophenol	65000 UJ	1100 U
N-Nitrosodiphenylamine	13000 UJ	450 U
N-Nitrosodi-n-propylamine	13000 UJ	450 U
Pentachlorophenol	65000 UJ	1100 U
Phenanthrene	2200 J	38 J
Phenol	13000 UJ	450 U
Pyrene	4300 J	86 J
1,2,4-Trichlorobenzene	13000 UJ	450 U
2,4,5-Trichlorophenol	32000 UJ	450 U
2,4,6-Trichlorophenol	13000 UJ	450 U

Notes:

1. All units in ug/kg.
2. All analyses performed by Severn Trent Laboratories, Inc. of Buffalo, New York.
3. Semi-volatile organic compounds quantitated by EPA SW-846 Method 8270C.
4. "U" designates that the compound was not detected at or above the quantitation limit shown.
5. "J" designates that the detected concentration should be considered estimated because associated QC criteria was exceeded.

**Sediment and Surface Soil Quality Data
PCB Results**

Appendix L-3
Sediment and Surface Soil Quality Data
PCB Results

Old Erie Canal Site
Clyde, New York

Compound	SED 01	SED 02	RI SED FD	SED 03	SED 04	SED 05
	5/21/02	5/21/02	Dup. Of SED 02 5/21/02	5/21/02	5/21/02	5/21/02
Aroclor 1016	600 UJ	270 UJ	300 UJ	410 UJ	340 UJ	250 UJ
Aroclor 1221	600 UJ	270 UJ	300 UJ	410 UJ	340 UJ	250 UJ
Aroclor 1232	600 UJ	270 UJ	300 UJ	410 UJ	340 UJ	250 UJ
Aroclor 1242	600 UJ	270 UJ	300 UJ	410 UJ	340 UJ	250 UJ
Aroclor 1248	600 UJ	270 UJ	300 UJ	410 UJ	340 UJ	250 UJ
Aroclor 1254	1200 UJ	540 UJ	600 UJ	830 UJ	680 UJ	490 UJ
Aroclor 1260	1200 UJ	540 UJ	600 UJ	830 UJ	71 J	64 J

Compound	SED 06	SED 07	SED 08	SED 09	SED 10	SS-01
	5/21/02	5/21/02	5/21/02	5/21/02	11/21/02	5/21/02
Aroclor 1016	540 UJ	500 UJ	230 UJ	210 UJ	69 UJ	1100 U
Aroclor 1221	540 UJ	500 UJ	230 UJ	210 UJ	69 UJ	1100 U
Aroclor 1232	540 UJ	500 UJ	230 UJ	210 UJ	69 UJ	1100 U
Aroclor 1242	540 UJ	500 UJ	230 UJ	210 UJ	69 UJ	1100 U
Aroclor 1248	540 UJ	500 UJ	230 UJ	210 UJ	69 UJ	1100 U
Aroclor 1254	1100 UJ	1000 UJ	460 UJ	420 UJ	180 J	2200 U
Aroclor 1260	120 J	120 J	540 J	120 J	69 UJ	2200 U

Notes:

1. All units in ug/kg.
2. All analyses performed by Severn Trent Laboratories, Inc. of Buffalo, New York.
3. Polychlorinated Biphenyls quantitated by EPA SW-846 Method 8082B.
4. "U" designates that the compound was not detected at or above the quantitation limit shown.
5. "J" designates that the detected concentration should be considered estimated because associated QC criteria was exceeded.

**Sediment and Surface Soil Quality Data
Pesticides Results**

Appendix L-4
Sediment and Surface Soil Quality Data
Pesticides Results

Old Erie Canal Site
Clyde, New York

Compound	SED 01	SED 02	RI SED FD	SED 03	SED 04	SED 05
	5/21/02	5/21/02	Dup. Of SED 02 5/21/02	5/21/02	5/21/02	5/21/02
Aldrin	620 UJ	560 UJ	640 UJ	43 UJ	700 UJ	51 UJ
alpha-BHC	620 UJ	560 UJ	640 UJ	43 UJ	700 UJ	51 UJ
beta-BHC	620 UJ	560 UJ	640 UJ	43 UJ	700 UJ	51 UJ
gamma-BHC (Lindane)	620 UJ	560 UJ	640 UJ	43 UJ	700 UJ	51 UJ
delta-BHC	620 UJ	560 UJ	640 UJ	43 UJ	700 UJ	51 UJ
Chlordane	620 UJ	560 UJ	640 UJ	80 UJ	700 UJ	80 UJ
4,4'DDD	620 UJ	560 UJ	640 UJ	58 J	700 UJ	51 UJ
4,4'DDE	620 UJ	560 UJ	640 UJ	79 J	700 UJ	51 UJ
4,4'-DDT	620 UJ	560 UJ	640 UJ	58 J	700 UJ	51 UJ
Dieldrin	620 UJ	560 UJ	640 UJ	43 UJ	700 UJ	51 UJ
Endosulfan I	620 UJ	560 UJ	640 UJ	43 UJ	700 UJ	51 UJ
Endosulfan II	620 UJ	560 UJ	640 UJ	43 UJ	700 UJ	51 UJ
Endosulfan sulfate	620 UJ	560 UJ	640 UJ	43 UJ	700 UJ	51 UJ
Endrin	620 UJ	560 UJ	640 UJ	43 UJ	700 UJ	51 UJ
Endrin aldehyde	620 UJ	560 UJ	640 UJ	43 UJ	700 UJ	51 UJ
Heptachlor	620 UJ	560 UJ	640 UJ	43 UJ	700 UJ	51 UJ
Heptachlor epoxide	620 UJ	560 UJ	640 UJ	43 UJ	700 UJ	51 UJ
Methoxychlor	620 UJ	560 UJ	640 UJ	43 UJ	700 UJ	80 UJ
Toxaphene	1200 UJ	1100 UJ	1300 UJ	160 UJ	1400 UJ	160 UJ
Endrin ketone	620 UJ	560 UJ	640 UJ	43 UJ	700 UJ	51 UJ

Compound	SED 06	SED 07	SED 08	SED 09	SED 10	SS-01
	5/21/02	5/21/02	5/21/02	5/21/02	11/21/02	5/21/02
Aldrin	110 UJ	100 UJ	480 UJ	430 UJ	34 UJ	230 U
alpha-BHC	110 UJ	100 UJ	480 UJ	430 UJ	34 UJ	230 U
beta-BHC	110 UJ	100 UJ	480 UJ	430 UJ	34 UJ	230 U
gamma-BHC (Lindane)	110 UJ	100 UJ	480 UJ	430 UJ	34 UJ	230 U
delta-BHC	110 UJ	100 UJ	480 UJ	430 UJ	34 UJ	230 U
Chlordane	110 UJ	100 UJ	480 UJ	430 UJ	340 UJ	230 U
4,4'DDD	110 UJ	100 UJ	480 UJ	430 UJ	34 UJ	480 J
4,4'DDE	110 UJ	100 UJ	480 UJ	430 UJ	34 UJ	2100 J
4,4'-DDT	110 UJ	100 UJ	480 UJ	430 UJ	34 UJ	370 J
Dieldrin	110 UJ	100 UJ	480 UJ	430 UJ	34 UJ	230 U
Endosulfan I	110 UJ	100 UJ	480 UJ	430 UJ	34 UJ	230 U
Endosulfan II	110 UJ	100 UJ	480 UJ	430 UJ	34 UJ	230 U
Endosulfan sulfate	110 UJ	100 UJ	480 UJ	430 UJ	34 UJ	230 U
Endrin	110 UJ	100 UJ	480 UJ	430 UJ	34 UJ	230 U
Endrin aldehyde	110 UJ	100 UJ	480 UJ	430 UJ	34 UJ	230 U
Heptachlor	110 UJ	100 UJ	480 UJ	430 UJ	34 UJ	230 U
Heptachlor epoxide	110 UJ	100 UJ	480 UJ	430 UJ	34 UJ	230 U
Methoxychlor	110 UJ	100 UJ	480 UJ	430 UJ	34 UJ	230 UJ
Toxaphene	220 UJ	200 UJ	950 UJ	870 UJ	810 UJ	470 UJ
Endrin ketone	110 UJ	100 UJ	480 UJ	430 UJ	34 UJ	230 U

Notes:

1. All units in ug/kg.
2. All analyses performed by Severn Trent Laboratories, Inc. of Buffalo, New York.
3. Pesticides quantitated by EPA SW-846 Method 8081A.
4. "U" designates that the compound was not detected at or above the quantitation limit shown.
5. "J" designates that the detected concentration should be considered estimated because associated QC criteria was exceeded.

**Sediment and Surface Soil Quality Data
Inorganic Compounds Results**

Appendix L-5
Sediment and Surface Soil Quality Data
Inorganics Results

Old Erie Canal Site
Clyde, New York

Constituent	SED 01 5/21/02	SED 02 5/21/02	RI SED FD Dup. Of SED 02 5/21/02	SED 03 5/21/02	SED 04 5/21/02	SED 05 5/21/02
Aluminum	1610 J	6940 J	8360 J	2070 J	3990 J	7910 J
Antimony	1.4 UJ	1.8 BJ	2.3 BJ	6.4 BJ	7 BJ	5.5 BJ
Arsenic	6.5 J	7.9 J	9.5 J	9.1 J	66.8 J	12.8 J
Barium	58.4 BJ	154 J	182 J	165 J	464 J	136 J
Beryllium	0.11 BJ	0.39 BJ	0.49 BJ	0.14 BJ	0.3 BJ	0.39 BJ
Cadmium	4.5 J	1.5 BJ	1.6 BJ	1.2 BJ	4.9 J	5.5 J
Calcium	26900 J	43300 J	53700 J	14000 J	28000 J	12500 J
Chromium	23 J	21.7 J	26.3 J	8.7 J	59.8 J	70.5 J
Cobalt	2.3 BJ	5.6 BJ	6.9 BJ	2.8 BJ	8.1 BJ	25.3 J
Copper	39.4 J	66 J	79.4 J	31.8 J	97.4 J	34.5 J
Iron	12200 J	19600 J	23700 J	37800 J	119000 J	17100 J
Lead	142 J	289 J	353 J	102 J	156 J	113 J
Magnesium	5310 J	11200 J	13900 J	2880 J	5660 J	5640 J
Manganese	155 J	329 J	407 J	110 J	699 J	1280 J
Nickel	11 BJ	16.4 J	20.6 J	14.2 J	31.2 J	74.7 J
Potassium	585 BJ	1780 J	2070 J	590 BJ	1110 BJ	1400 BJ
Selenium	2.3 J	2.6 J	3.2 J	2.6 J	5.3 J	1.5 BJ
Mercury	0.216 J	0.349 J	0.547 J	0.622 J	0.39 J	0.307 J
Silver	0.33 UJ	0.31 UJ	0.35 UJ	0.24 UJ	3.3 BJ	2.2 BJ
Sodium	441 UJ	518 UJ	613 UJ	235 UJ	562 UJ	236 UJ
Thallium	2 UJ	1.8 UJ	2 UJ	1.4 UJ	2.2 UJ	1.7 UJ
Vanadium	11.3 BJ	21.1 J	25.1 J	7.6 BJ	23.9 J	18.2 J
Zinc	878 J	615 J	725 J	1060 J	1700 J	184 J

Constituent	SED 06 5/21/02	SED 07 5/21/02	SED 08 5/21/02	SED 09 5/21/02	SED 10 11/21/02	SS-01 5/21/02
Aluminum	14400 J	10100 J	5690 J	6320 J	6300 J	7530 J
Antimony	33 BJ	25.6 BJ	5 BJ	5.9 BJ	3.7 BJ	1.2 BJ
Arsenic	113 J	102 J	46.7 J	48.2 J	13.1 J	7.5 J
Barium	391 J	456 J	433 J	259 J	145 J	32.2 J
Beryllium	0.84 BJ	0.61 BJ	0.41 BJ	0.51 BJ	0.56 BJ	0.24 B
Cadmium	85.7 J	60.1 J	7.4 J	41.1 J	2 J	0.39 BJ
Calcium	27600 J	22100 J	47300 J	69000 J	75000 J	2560 J
Chromium	209 J	159 J	117 J	95.3 J	31.8 J	6.3 J
Cobalt	30.5 BJ	20.2 BJ	12.5 BJ	17.9 J	9.8 BJ	2.5 B
Copper	139 J	103 J	609 J	150 J	125 J	12.7 J
Iron	45400 J	35700 J	23700 J	26300 J	28100 J	7830
Lead	183 J	134 J	331 J	187 J	203 J	47.1 J
Magnesium	6060 J	4610 J	12100 J	18700 J	15900 J	1040 J
Manganese	1640 J	1430 J	536 J	3230 J	915 J	96.9
Nickel	78.7 J	58.9 J	61.7 J	60.2 J	23.1 J	5.1 BJ
Potassium	2600 BJ	1890 BJ	1090 BJ	1390 J	1440 BJ	549 B
Selenium	6.9 J	7.2 J	3 J	2.1 J	4.8 J	0.59 U
Mercury	0.889 J	0.284 J	0.338 J	0.278 J	0.284 J	0.098
Silver	6.3 BJ	4.4 BJ	3.5 J	3.4 J	0.46 BJ	0.18 B
Sodium	746 UJ	581 UJ	349 UJ	318 UJ	493 BJ	91.6 U
Thallium	3.7 UJ	3.3 UJ	1.6 UJ	1.4 UJ	1.6 UJ	0.71 UJ
Vanadium	60.3 J	47.2 J	30.7 J	26.4 J	24.1 J	12.2 J
Zinc	812 J	646 J	828 J	802 J	1060 J	54

Notes:

1. All units in mg/kg.
2. All analyses performed by Severn Trent Laboratories, Inc. of Buffalo, New York.
3. TAL Metals quantitated by EPA SW-486 Method 6010 and 7470A.
4. "U" designates that the compound was not detected at or above the quantitation limit shown.
5. "B" designates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
6. "J" designates that the detected concentration should be considered estimated because associated QC criteria was exceeded.

**Sediment and Surface Soil Quality Data
Wet Chemistry Results**

**Appendix L-6
Sediment and Surface Soil Quality Data
Wet Chemistry Results**

**Old Erie Canal Site
Clyde, New York**

Constituent	SED 01 5/21/02	SED 02 5/21/02	RI SED FD Dup. Of SED 02 5/21/02	SED 03 5/21/02	SED 04 5/21/02	SED 05 5/21/02
Leachable pH	7.27	7.32	7.51	7.47	7.44	7.68
Cyanide - Total	1.1 J	3.2 UJ	1.4 J	2.8 J	3.4 J	3.1 UJ

Constituent	SED 06 5/21/02	SED 07 5/21/02	SED 08 5/21/02	SED 09 5/21/02	SED 10 11/21/02	SS-01 5/21/02
Leachable pH	7.44	7.44	7.53	7.52	NA	6.62
Cyanide - Total	6.6 UJ	5.7 UJ	2.7 UJ	2.2 UJ	2.1 UJ	1.3 UJ

Notes:

1. Units for total cyanide in mg/kg. Units for pH in standard units.
2. All analyses performed by Severn Trent Laboratories, Inc. of Buffalo, New York.
3. Total Cyanide quantitated by EPA SW-846 Method 9012.
Leachable pH quantitated by EPA SW-846 Method 9045.
4. "U" designates that the compound was not detected at or above the quantitation limit shown.
5. "J" designates that the detected concentration should be considered estimated because associated QC criteria was exceeded.
6. "NA" designates the parameter was not analyzed.

**Sediment and Surface Soil Laboratory
Reporting Forms**

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

000009

Client No.

RI SED 01

Lab Name: STL Buffalo

Contract: _____

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

Matrix: (soil/water) SOIL

Lab Sample ID: A2517710

Sample wt/vol: 5.09 (g/mL) G

Lab File ID: F0246.RR

Level: (low/med) LOW

Date Samp/Recv: 05/21/2002 05/22/2002

% Moisture: not dec. 73.5 Heated Purge: Y

Date Analyzed: 05/29/2002

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

67-64-1	Acetone	120	BUT
71-43-2	Benzene	37	U J
75-27-4	Bromodichloromethane	37	U
75-25-2	Bromoform	37	U
74-83-9	Bromomethane	37	U
78-93-3	2-Butanone	37 34	U Y
75-15-0	Carbon Disulfide	37	U J
56-23-5	Carbon Tetrachloride	37	U
108-90-7	Chlorobenzene	37	U
75-00-3	Chloroethane	37	U
67-66-3	Chloroform	37	U
74-87-3	Chloromethane	37	U
124-48-1	Dibromochloromethane	37	U
75-34-3	1,1-Dichloroethane	37	U
107-06-2	1,2-Dichloroethane	37	U
75-35-4	1,1-Dichloroethene	37	U
156-59-2	cis-1,2-Dichloroethene	37	U
156-60-5	trans-1,2-Dichloroethene	37	U
78-87-5	1,2-Dichloropropane	37	U
10061-01-5	cis-1,3-Dichloropropene	37	U
10061-02-6	trans-1,3-Dichloropropene	37	U
100-41-4	Ethylbenzene	37	U
591-78-6	2-Hexanone	37	U
75-09-2	Methylene chloride	37 15	U J
108-10-1	4-Methyl-2-pentanone	37	U
100-42-5	Styrene	37	U
79-34-5	1,1,2,2-Tetrachloroethane	37	U
127-18-4	Tetrachloroethene	37	U
108-88-3	Toluene	37	U
71-55-6	1,1,1-Trichloroethane	37	U
79-00-5	1,1,2-Trichloroethane	37	U
79-01-6	Trichloroethene	37	U
75-01-4	Vinyl chloride	37	U
1330-20-7	Total Xylenes	56	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

000010

Client No.

RI SED 02

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A2517709

Sample wt/vol: 5.13 (g/mL) G Lab File ID: F0245.RR

Level: (low/med) LOW Date Samp/Recv: 05/21/2002 05/22/2002

% Moisture: not dec. 70.7 Heated Purge: Y Date Analyzed: 05/29/2002

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

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

67-64-1-----	Acetone	80	UJ
71-43-2-----	Benzene	33	UJ
75-27-4-----	Bromodichloromethane	33	U
75-25-2-----	Bromoform	33	U
74-83-9-----	Bromomethane	33	U
78-93-3-----	2-Butanone	33	U
75-15-0-----	Carbon Disulfide	33	U
56-23-5-----	Carbon Tetrachloride	33	U
108-90-7-----	Chlorobenzene	33	U
75-00-3-----	Chloroethane	33	U
67-66-3-----	Chloroform	33	U
74-87-3-----	Chloromethane	33	U
124-48-1-----	Dibromochloromethane	33	U
75-34-3-----	1,1-Dichloroethane	33	U
107-06-2-----	1,2-Dichloroethane	33	U
75-35-4-----	1,1-Dichloroethene	33	U
156-59-2-----	cis-1,2-Dichloroethene	33	U
156-60-5-----	trans-1,2-Dichloroethene	33	U
78-87-5-----	1,2-Dichloropropane	33	U
10061-01-5----	cis-1,3-Dichloropropene	33	U
10061-02-6----	trans-1,3-Dichloropropene	33	U
100-41-4-----	Ethylbenzene	33	U
591-78-6-----	2-Hexanone	33	U
75-09-2-----	Methylene chloride	33	U
108-10-1-----	4-Methyl-2-pentanone	33	U
100-42-5-----	Styrene	33	U
79-34-5-----	1,1,2,2-Tetrachloroethane	33	U
127-18-4-----	Tetrachloroethene	33	U
108-88-3-----	Toluene	33	U
71-55-6-----	1,1,1-Trichloroethane	33	U
79-00-5-----	1,1,2-Trichloroethane	33	U
79-01-6-----	Trichloroethene	33	U
75-01-4-----	Vinyl chloride	33	U
1330-20-7-----	Total Xylenes	50	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

000020

Client No.

RI SED FD

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Dup of SED 02

Matrix: (soil/water) SOIL

Lab Sample ID: A2517711

Sample wt/vol: 5.03 (g/mL) G

Lab File ID: F0247.RR

Level: (low/med) LOW

Date Samp/Recv: 05/21/2002 05/22/2002

% Moisture: not dec. 74.0 Heated Purge: Y

Date Analyzed: 05/29/2002

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
67-64-1-----	Acetone		66	UJ
71-43-2-----	Benzene		38	UJ
75-27-4-----	Bromodichloromethane		38	U
75-25-2-----	Bromoform		38	U
74-83-9-----	Bromomethane		38	U
78-93-3-----	2-Butanone	38	27	UJ
75-15-0-----	Carbon Disulfide		38	UJ
56-23-5-----	Carbon Tetrachloride		38	U
108-90-7-----	Chlorobenzene		38	U
75-00-3-----	Chloroethane		38	U
67-66-3-----	Chloroform		38	U
74-87-3-----	Chloromethane		38	U
124-48-1-----	Dibromochloromethane		38	U
75-34-3-----	1,1-Dichloroethane		38	U
107-06-2-----	1,2-Dichloroethane		38	U
75-35-4-----	1,1-Dichloroethene		38	U
156-59-2-----	cis-1,2-Dichloroethene		38	U
156-60-5-----	trans-1,2-Dichloroethene		38	U
78-87-5-----	1,2-Dichloropropane		38	U
10061-01-5----	cis-1,3-Dichloropropene		38	U
10061-02-6----	trans-1,3-Dichloropropene		38	U
100-41-4-----	Ethylbenzene		38	U
591-78-6-----	2-Hexanone		38	U
75-09-2-----	Methylene chloride		38	U
108-10-1-----	4-Methyl-2-pentanone		38	U
100-42-5-----	Styrene		38	U
79-34-5-----	1,1,2,2-Tetrachloroethane		38	U
127-18-4-----	Tetrachloroethene		38	U
108-88-3-----	Toluene		38	U
71-55-6-----	1,1,1-Trichloroethane		38	U
79-00-5-----	1,1,2-Trichloroethane		38	U
79-01-6-----	Trichloroethene		38	U
75-01-4-----	Vinyl chloride		38	U
1330-20-7-----	Total Xylenes		57	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

000011

Client No.

Lab Name: STL Buffalo

Contract: _____

RI SED 03

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

Matrix: (soil/water) SOIL

Lab Sample ID: A2517708

Sample wt/vol: 5.03 (g/mL) G

Lab File ID: F0244.RR

Level: (low/med) LOW

Date Samp/Recv: 05/21/2002 05/22/2002

% Moisture: not dec. 61.9 Heated Purge: Y

Date Analyzed: 05/29/2002

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
67-64-1-----	Acetone	38		BUJ
71-43-2-----	Benzene	26		UJ
75-27-4-----	Bromodichloromethane	26		U
75-25-2-----	Bromoform	26		U
74-83-9-----	Bromomethane	26		U
78-93-3-----	2-Butanone	26		U
75-15-0-----	Carbon Disulfide	26		U
56-23-5-----	Carbon Tetrachloride	26		U
108-90-7-----	Chlorobenzene	26		U
75-00-3-----	Chloroethane	26		U
67-66-3-----	Chloroform	26		U
74-87-3-----	Chloromethane	26		U
124-48-1-----	Dibromochloromethane	26		U
75-34-3-----	1,1-Dichloroethane	3		J
107-06-2-----	1,2-Dichloroethane	26		U
75-35-4-----	1,1-Dichloroethene	26		U
156-59-2-----	cis-1,2-Dichloroethene	4		J
156-60-5-----	trans-1,2-Dichloroethene	26		U
78-87-5-----	1,2-Dichloropropane	26		U
10061-01-5---	cis-1,3-Dichloropropene	26		U
10061-02-6---	trans-1,3-Dichloropropene	26		U
100-41-4-----	Ethylbenzene	26		U
591-78-6-----	2-Hexanone	26		U
75-09-2-----	Methylene chloride	26		U
108-10-1-----	4-Methyl-2-pentanone	26		U
100-42-5-----	Styrene	26		U
79-34-5-----	1,1,2,2-Tetrachloroethane	26		U
127-18-4-----	Tetrachloroethene	26		U
108-88-3-----	Toluene	26		U
71-55-6-----	1,1,1-Trichloroethane	26		U
79-00-5-----	1,1,2-Trichloroethane	26		U
79-01-6-----	Trichloroethene	26		U
75-01-4-----	Vinyl chloride	3		J
1330-20-7-----	Total Xylenes	39		U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

000012

Client No.

RI SED 04

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A2517706

Sample wt/vol: 5.09 (g/mL) G Lab File ID: F0242.RR

Level: (low/med) LOW Date Samp/Recv: 05/21/2002 05/22/2002

% Moisture: not dec. 76.8 Heated Purge: Y Date Analyzed: 05/29/2002

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

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

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
67-64-1	Acetone	220		U <u>U</u>
71-43-2	Benzene	42		U <u>U</u>
75-27-4	Bromodichloromethane	42		U <u>U</u>
75-25-2	Bromoform	42		U <u>U</u>
74-83-9	Bromomethane	42		U <u>U</u>
78-93-3	2-Butanone	42		U <u>U</u>
75-15-0	Carbon Disulfide	42		U <u>U</u>
56-23-5	Carbon Tetrachloride	42		U <u>U</u>
108-90-7	Chlorobenzene	42		U <u>U</u>
75-00-3	Chloroethane	42		U <u>U</u>
67-66-3	Chloroform	42		U <u>U</u>
74-87-3	Chloromethane	42		U <u>U</u>
124-48-1	Dibromochloromethane	42		U <u>U</u>
75-34-3	1,1-Dichloroethane	42		U <u>U</u>
107-06-2	1,2-Dichloroethane	42		U <u>U</u>
75-35-4	1,1-Dichloroethene	42		U <u>U</u>
156-59-2	cis-1,2-Dichloroethene	45		
156-60-5	trans-1,2-Dichloroethene	42		U <u>U</u>
78-87-5	1,2-Dichloropropane	42		U <u>U</u>
10061-01-5	cis-1,3-Dichloropropene	42		U <u>U</u>
10061-02-6	trans-1,3-Dichloropropene	42		U <u>U</u>
100-41-4	Ethylbenzene	42		U <u>U</u>
591-78-6	2-Hexanone	42		U <u>U</u>
75-09-2	Methylene chloride	42 26		U <u>U</u>
108-10-1	4-Methyl-2-pentanone	42		U <u>U</u>
100-42-5	Styrene	42		U <u>U</u>
79-34-5	1,1,2,2-Tetrachloroethane	42		U <u>U</u>
127-18-4	Tetrachloroethene	42		U <u>U</u>
108-88-3	Toluene	42		U <u>U</u>
71-55-6	1,1,1-Trichloroethane	42		U <u>U</u>
79-00-5	1,1,2-Trichloroethane	42		U <u>U</u>
79-01-6	Trichloroethene	17		U <u>U</u>
75-01-4	Vinyl chloride	6		U <u>U</u>
1330-20-7	Total Xylenes	64		U <u>U</u>

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

000013

Client No.

RI SED 05

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A2517704

Sample wt/vol: 5.17 (g/mL) G

Lab File ID: F0249.RR

Level: (low/med) LOW

Date Samp/Recv: 05/21/2002 05/22/2002

% Moisture: not dec. 68.1 Heated Purge: Y

Date Analyzed: 05/29/2002

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
67-64-1-----	Acetone	58		
71-43-2-----	Benzene	30		
75-27-4-----	Bromodichloromethane	30		
75-25-2-----	Bromoform	30		
74-83-9-----	Bromomethane	30		
78-93-3-----	2-Butanone	30		
75-15-0-----	Carbon Disulfide	30		
56-23-5-----	Carbon Tetrachloride	30		
108-90-7-----	Chlorobenzene	30		
75-00-3-----	Chloroethane	30		
67-66-3-----	Chloroform	30		
74-87-3-----	Chloromethane	30		
124-48-1-----	Dibromochloromethane	30		
75-34-3-----	1,1-Dichloroethane	30		
107-06-2-----	1,2-Dichloroethane	30		
75-35-4-----	1,1-Dichloroethene	30		
156-59-2-----	cis-1,2-Dichloroethene	37		
156-60-5-----	trans-1,2-Dichloroethene	30		
78-87-5-----	1,2-Dichloropropane	30		
10061-01-5----	cis-1,3-Dichloropropene	30		
10061-02-6----	trans-1,3-Dichloropropene	30		
100-41-4-----	Ethylbenzene	30		
591-78-6-----	2-Hexanone	30		
75-09-2-----	Methylene chloride	30		
108-10-1-----	4-Methyl-2-pentanone	30		
100-42-5-----	Styrene	30		
79-34-5-----	1,1,2,2-Tetrachloroethane	30		
127-18-4-----	Tetrachloroethene	30		
108-88-3-----	Toluene	30		
71-55-6-----	1,1,1-Trichloroethane	30		
79-00-5-----	1,1,2-Trichloroethane	30		
79-01-6-----	Trichloroethene	30		
75-01-4-----	Vinyl chloride	30		
1330-20-7-----	Total Xylenes	46		

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

000014

Client No.

Lab Name: STL Buffalo

Contract: _____

RI SED 06

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

Matrix: (soil/water) SOIL

Lab Sample ID: A2517702

Sample wt/vol: 5.04 (g/mL) G

Lab File ID: F0238.RR

Level: (low/med) LOW

Date Samp/Recv: 05/21/2002 05/22/2002

% Moisture: not dec. 85.5 Heated Purge: Y

Date Analyzed: 05/29/2002

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

67-64-1-----	Acetone	68	U J
71-43-2-----	Benzene	68	U
75-27-4-----	Bromodichloromethane	68	U
75-25-2-----	Bromoform	68	U
74-83-9-----	Bromomethane	68	U
78-93-3-----	2-Butanone	68	U
75-15-0-----	Carbon Disulfide	68	U
56-23-5-----	Carbon Tetrachloride	68	U
108-90-7-----	Chlorobenzene	68	U
75-00-3-----	Chloroethane	68	U
67-66-3-----	Chloroform	68	U
74-87-3-----	Chloromethane	68	U
124-48-1-----	Dibromochloromethane	68	U
75-34-3-----	1,1-Dichloroethane	68	U
107-06-2-----	1,2-Dichloroethane	68	U
75-35-4-----	1,1-Dichloroethene	68	U
156-59-2-----	cis-1,2-Dichloroethene	15	J
156-60-5-----	trans-1,2-Dichloroethene	68	U
78-87-5-----	1,2-Dichloropropane	68	U
10061-01-5----	cis-1,3-Dichloropropene	68	U
10061-02-6----	trans-1,3-Dichloropropene	68	U
100-41-4-----	Ethylbenzene	68	U
591-78-6-----	2-Hexanone	68	U
75-09-2-----	Methylene chloride	68	U
108-10-1-----	4-Methyl-2-pentanone	68	U
100-42-5-----	Styrene	68	U
79-34-5-----	1,1,2,2-Tetrachloroethane	68	U
127-18-4-----	Tetrachloroethene	68	U
108-88-3-----	Toluene	68	U
71-55-6-----	1,1,1-Trichloroethane	68	U
79-00-5-----	1,1,2-Trichloroethane	68	U
79-01-6-----	Trichloroethene	68	U
75-01-4-----	Vinyl chloride	68	U
1330-20-7-----	Total Xylenes	100	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

000015

Client No.

Lab Name: STL Buffalo

Contract: _____

RI SED 07

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

Matrix: (soil/water) SOIL

Lab Sample ID: A2517703

Sample wt/vol: 5.08 (g/mL) G

Lab File ID: F0239.RR

Level: (low/med) LOW

Date Samp/Recv: 05/21/2002 05/22/2002

% Moisture: not dec. 84.1 Heated Purge: Y

Date Analyzed: 05/29/2002

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

67-64-1-----	Acetone	62	U	J
71-43-2-----	Benzene	62	U	
75-27-4-----	Bromodichloromethane	62	U	
75-25-2-----	Bromoform	62	U	
74-83-9-----	Bromomethane	62	U	
78-93-3-----	2-Butanone	62	U	
75-15-0-----	Carbon Disulfide	62	U	
56-23-5-----	Carbon Tetrachloride	62	U	
108-90-7-----	Chlorobenzene	62	U	
75-00-3-----	Chloroethane	62	U	
67-66-3-----	Chloroform	62	U	
74-87-3-----	Chloromethane	62	U	
124-48-1-----	Dibromochloromethane	62	U	
75-34-3-----	1,1-Dichloroethane	62	U	
107-06-2-----	1,2-Dichloroethane	62	U	
75-35-4-----	1,1-Dichloroethene	62	U	
156-59-2-----	cis-1,2-Dichloroethene	28	J	
156-60-5-----	trans-1,2-Dichloroethene	62	U	
78-87-5-----	1,2-Dichloropropane	62	U	
10061-01-5----	cis-1,3-Dichloropropene	62	U	
10061-02-6----	trans-1,3-Dichloropropene	62	U	
100-41-4-----	Ethylbenzene	62	U	
591-78-6-----	2-Hexanone	62	U	
75-09-2-----	Methylene chloride	62	U	
108-10-1-----	4-Methyl-2-pentanone	62	U	
100-42-5-----	Styrene	62	U	
79-34-5-----	1,1,2,2-Tetrachloroethane	62	U	
127-18-4-----	Tetrachloroethene	62	U	
108-88-3-----	Toluene	62	U	
71-55-6-----	1,1,1-Trichloroethane	62	U	
79-00-5-----	1,1,2-Trichloroethane	62	U	
79-01-6-----	Trichloroethene	7	J	
75-01-4-----	Vinyl chloride	62	U	
1330-20-7-----	Total Xylenes	93	U	

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

000016

Client No.

RI SED 08

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A2517705

Sample wt/vol: 5.08 (g/mL) G

Lab File ID: F0241.RR

Level: (low/med) LOW

Date Samp/Recv: 05/21/2002 05/22/2002

% Moisture: not dec. 65.3 Heated Purge: Y

Date Analyzed: 05/29/2002

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

67-64-1-----	Acetone	28	U	J
71-43-2-----	Benzene	28	U	
75-27-4-----	Bromodichloromethane	28	U	
75-25-2-----	Bromoform	28	U	
74-83-9-----	Bromomethane	28	U	
78-93-3-----	2-Butanone	28	U	
75-15-0-----	Carbon Disulfide	28	U	
56-23-5-----	Carbon Tetrachloride	28	U	
108-90-7-----	Chlorobenzene	28	U	
75-00-3-----	Chloroethane	28	U	
67-66-3-----	Chloroform	28	U	
74-87-3-----	Chloromethane	28	U	
124-48-1-----	Dibromochloromethane	28	U	
75-34-3-----	1,1-Dichloroethane	5	J	
107-06-2-----	1,2-Dichloroethane	28	U	
75-35-4-----	1,1-Dichloroethene	28	U	
156-59-2-----	cis-1,2-Dichloroethene	990 690	J	
156-60-5-----	trans-1,2-Dichloroethene	5	J	
78-87-5-----	1,2-Dichloropropane	28	U	
10061-01-5----	cis-1,3-Dichloropropene	28	U	
10061-02-6----	trans-1,3-Dichloropropene	28	U	
100-41-4-----	Ethylbenzene	28	U	
591-78-6-----	2-Hexanone	28	U	
75-09-2-----	Methylene chloride	28	U	
108-10-1-----	4-Methyl-2-pentanone	28	U	
100-42-5-----	Styrene	28	U	
79-34-5-----	1,1,2,2-Tetrachloroethane	28	U	
127-18-4-----	Tetrachloroethene	50		
108-88-3-----	Toluene	28	U	
71-55-6-----	1,1,1-Trichloroethane	5	J	
79-00-5-----	1,1,2-Trichloroethane	28	U	
79-01-6-----	Trichloroethene	230		
75-01-4-----	Vinyl chloride	19	J	
1330-20-7-----	Total Xylenes	42	U	

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

000017

Client No.

RI SED 08 DL

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A2517705DL

Sample wt/vol: 1.19 (g/mL) G

Lab File ID: F0251.RR

Level: (low/med) LOW

Date Samp/Recv: 05/21/2002 05/22/2002

% Moisture: not dec. 65.3 Heated Purge: Y

Date Analyzed: 05/29/2002

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
67-64-1-----	Acetone	120		U
71-43-2-----	Benzene	120		U
75-27-4-----	Bromodichloromethane	120		U
75-25-2-----	Bromofom	120		U
74-83-9-----	Bromomethane	120		U
78-93-3-----	2-Butanone	120		U
75-15-0-----	Carbon Disulfide	120		U
56-23-5-----	Carbon Tetrachloride	120		U
108-90-7-----	Chlorobenzene	120		U
75-00-3-----	Chloroethane	120		U
67-66-3-----	Chloroform	120		U
74-87-3-----	Chloromethane	120		U
124-48-1-----	Dibromochloromethane	120		U
75-34-3-----	1,1-Dichloroethane	120		U
107-06-2-----	1,2-Dichloroethane	120		U
75-35-4-----	1,1-Dichloroethene	120		U
156-59-2-----	cis-1,2-Dichloroethene	990		D
156-60-5-----	trans-1,2-Dichloroethene	120		U
78-87-5-----	1,2-Dichloropropane	120		U
10061-01-5---	cis-1,3-Dichloropropene	120		U
10061-02-6---	trans-1,3-Dichloropropene	120		U
100-41-4-----	Ethylbenzene	120		U
591-78-6-----	2-Hexanone	120		U
75-09-2-----	Methylene chloride	36		BDJ
108-10-1-----	4-Methyl-2-pentanone	120		U
100-42-5-----	Styrene	120		U
79-34-5-----	1,1,2,2-Tetrachloroethane	120		U
127-18-4-----	Tetrachloroethene	100		DJ
108-88-3-----	Toluene	120		U
71-55-6-----	1,1,1-Trichloroethane	120		U
79-00-5-----	1,1,2-Trichloroethane	120		U
79-01-6-----	Trichloroethene	380		D
75-01-4-----	Vinyl chloride	20		DJ
1330-20-7----	Total Xylenes	180		U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

000018

Client No.

RI SED 09

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A2517707

Sample wt/vol: 5.19 (g/mL) G

Lab File ID: F0243.RR

Level: (low/med) LOW

Date Samp/Recv: 05/21/2002 05/22/2002

% Moisture: not dec. 61.9 Heated Purge: Y

Date Analyzed: 05/29/2002

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

67-64-1-----	Acetone	26	UJ
71-43-2-----	Benzene	25	UJ
75-27-4-----	Bromodichloromethane	25	U
75-25-2-----	Bromoform	25	U
74-83-9-----	Bromomethane	25	U
78-93-3-----	2-Butanone	25	U
75-15-0-----	Carbon Disulfide	4	J
56-23-5-----	Carbon Tetrachloride	25	U
108-90-7-----	Chlorobenzene	25	U
75-00-3-----	Chloroethane	25	U
67-66-3-----	Chloroform	25	U
74-87-3-----	Chloromethane	25	U
124-48-1-----	Dibromochloromethane	25	U
75-34-3-----	1,1-Dichloroethane	4	J
107-06-2-----	1,2-Dichloroethane	25	U
75-35-4-----	1,1-Dichloroethene	25	U
156-59-2-----	cis-1,2-Dichloroethene	1000 530	E
156-60-5-----	trans-1,2-Dichloroethene	6	J
78-87-5-----	1,2-Dichloropropane	25	U
10061-01-5----	cis-1,3-Dichloropropene	25	U
10061-02-6----	trans-1,3-Dichloropropene	25	U
100-41-4-----	Ethylbenzene	25	U
591-78-6-----	2-Hexanone	25	U
75-09-2-----	Methylene chloride	25	U
108-10-1-----	4-Methyl-2-pentanone	25	U
100-42-5-----	Styrene	25	U
79-34-5-----	1,1,2,2-Tetrachloroethane	25	U
127-18-4-----	Tetrachloroethene	13	J
108-88-3-----	Toluene	25	U
71-55-6-----	1,1,1-Trichloroethane	25	U
79-00-5-----	1,1,2-Trichloroethane	25	U
79-01-6-----	Trichloroethene	80	
75-01-4-----	Vinyl chloride	120	
1330-20-7-----	Total Xylenes	38	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

000019

Client No.

RI SED 09 DL

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A2517707DL

Sample wt/vol: 1.17 (g/mL) G Lab File ID: F0252.RR

Level: (low/med) LOW Date Samp/Recv: 05/21/2002 05/22/2002

% Moisture: not dec. 61.9 Heated Purge: Y Date Analyzed: 05/29/2002

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

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

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
67-64-1-----	Acetone	390		BD
71-43-2-----	Benzene	110		U
75-27-4-----	Bromodichloromethane	110		U
75-25-2-----	Bromoform	110		U
74-83-9-----	Bromomethane	110		U
78-93-3-----	2-Butanone	73		DJ
75-15-0-----	Carbon Disulfide	110		U
56-23-5-----	Carbon Tetrachloride	110		U
108-90-7-----	Chlorobenzene	110		U
75-00-3-----	Chloroethane	110		U
67-66-3-----	Chloroform	110		U
74-87-3-----	Chloromethane	110		U
124-48-1-----	Dibromochloromethane	110		U
75-34-3-----	1,1-Dichloroethane	110		U
107-06-2-----	1,2-Dichloroethane	110		U
75-35-4-----	1,1-Dichloroethene	110		U
156-59-2-----	cis-1,2-Dichloroethene	1000		D
156-60-5-----	trans-1,2-Dichloroethene	110		U
78-87-5-----	1,2-Dichloropropane	110		U
10061-01-5----	cis-1,3-Dichloropropene	110		U
10061-02-6----	trans-1,3-Dichloropropene	110		U
100-41-4-----	Ethylbenzene	110		U
591-78-6-----	2-Hexanone	110		U
75-09-2-----	Methylene chloride	76		BDJ
108-10-1-----	4-Methyl-2-pentanone	110		U
100-42-5-----	Styrene	110		U
79-34-5-----	1,1,2,2-Tetrachloroethane	110		U
127-18-4-----	Tetrachloroethene	46		DJ
108-88-3-----	Toluene	110		U
71-55-6-----	1,1,1-Trichloroethane	110		U
79-00-5-----	1,1,2-Trichloroethane	110		U
79-01-6-----	Trichloroethene	180		D
75-01-4-----	Vinyl chloride	170		D
1330-20-7-----	Total Xylenes	170		U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

000073

Client No.

RI SED-10

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A2B69401

Sample wt/vol: 5.04 (g/mL) G Lab File ID: F7182.RR

Level: (low/med) LOW Date Samp/Recv: 11/21/2002 11/22/2002

% Moisture: not dec. 75.4 Heated Purge: Y Date Analyzed: 11/26/2002

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

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

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
67-64-1-----	Acetone	41		
71-43-2-----	Benzene	40		U
75-27-4-----	Bromodichloromethane	40		U
75-25-2-----	Bromoform	40		U
74-83-9-----	Bromomethane	40		U
78-93-3-----	2-Butanone	40		U
75-15-0-----	Carbon Disulfide	40		U
56-23-5-----	Carbon Tetrachloride	40		U
108-90-7-----	Chlorobenzene	40		U
75-00-3-----	Chloroethane	40		U
67-66-3-----	Chloroform	40		U
74-87-3-----	Chloromethane	40		U
124-48-1-----	Dibromochloromethane	40		U
75-34-3-----	1,1-Dichloroethane	40		U
107-06-2-----	1,2-Dichloroethane	40		U
75-35-4-----	1,1-Dichloroethene	40		U
156-59-2-----	cis-1,2-Dichloroethene	44		
156-60-5-----	trans-1,2-Dichloroethene	40		U
78-87-5-----	1,2-Dichloropropane	40		U
10061-01-5----	cis-1,3-Dichloropropene	40		U
10061-02-6----	trans-1,3-Dichloropropene	40		U
100-41-4-----	Ethylbenzene	40		U
591-78-6-----	2-Hexanone	40		U
75-09-2-----	Methylene chloride	40		U
108-10-1-----	4-Methyl-2-pentanone	40		U
100-42-5-----	Styrene	40		U
79-34-5-----	1,1,2,2-Tetrachloroethane	40		U
127-18-4-----	Tetrachloroethene	40		U
108-88-3-----	Toluene	40		U
71-55-6-----	1,1,1-Trichloroethane	40		U
79-00-5-----	1,1,2-Trichloroethane	40		U
79-01-6-----	Trichloroethene	6		J
75-01-4-----	Vinyl chloride	10		J
1330-20-7-----	Total Xylenes	40		U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

000021

Client No.

Lab Name: STL Buffalo

Contract: _____

RI SS-01

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

Matrix: (soil/water) SOIL

Lab Sample ID: A2517701

Sample wt/vol: 5.05 (g/mL) G

Lab File ID: F0237.RR

Level: (low/med) LOW

Date Samp/Recv: 05/21/2002 05/22/2002

% Moisture: not dec. 28.6 Heated Purge: Y

Date Analyzed: 05/29/2002

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

67-64-1-----	Acetone	14	U
71-43-2-----	Benzene	14	U
75-27-4-----	Bromodichloromethane	14	U
75-25-2-----	Bromoform	14	U
74-83-9-----	Bromomethane	14	U
78-93-3-----	2-Butanone	14	U
75-15-0-----	Carbon Disulfide	14	U J
56-23-5-----	Carbon Tetrachloride	14	U
108-90-7-----	Chlorobenzene	14	U
75-00-3-----	Chloroethane	14	U
67-66-3-----	Chloroform	14	U
74-87-3-----	Chloromethane	14	U
124-48-1-----	Dibromochloromethane	14	U
75-34-3-----	1,1-Dichloroethane	14	U
107-06-2-----	1,2-Dichloroethane	14	U
75-35-4-----	1,1-Dichloroethene	14	U
156-59-2-----	cis-1,2-Dichloroethene	14	U
156-60-5-----	trans-1,2-Dichloroethene	14	U
78-87-5-----	1,2-Dichloropropane	14	U
10061-01-5----	cis-1,3-Dichloropropene	14	U
10061-02-6----	trans-1,3-Dichloropropene	14	U
100-41-4-----	Ethylbenzene	14	U
591-78-6-----	2-Hexanone	14	U
75-09-2-----	Methylene chloride	18	U u
108-10-1-----	4-Methyl-2-pentanone	14	U
100-42-5-----	Styrene	14	U
79-34-5-----	1,1,2,2-Tetrachloroethane	14	U
127-18-4-----	Tetrachloroethene	14	U
108-88-3-----	Toluene	14	U
71-55-6-----	1,1,1-Trichloroethane	14	U
79-00-5-----	1,1,2-Trichloroethane	14	U
79-01-6-----	Trichloroethene	14	U
75-01-4-----	Vinyl chloride	14	U
1330-20-7-----	Total Xylenes	21	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

000023

Client No.

RI SED 01

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECONY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A2517710

Sample wt/vol: 30.35 (g/mL) G

Lab File ID: Z51743.RR

Level: (low/med) LOW

Date Samp/Recv: 05/21/2002 05/22/2002

% Moisture: 73.5 decanted: (Y/N) N

Date Extracted: 05/24/2002

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 06/06/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 20.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
83-32-9	Acenaphthene	25000	U	J
208-96-8	Acenaphthylene	25000	U	
120-12-7	Anthracene	25000	U	
56-55-3	Benzo (a) anthracene	2100	J	
205-99-2	Benzo (b) fluoranthene	5800	J	
207-08-9	Benzo (k) fluoranthene	3500	J	
191-24-2	Benzo (ghi) perylene	1300	J	
50-32-8	Benzo (a) pyrene	3400	J	
100-51-6	Benzyl alcohol	25000	U	
111-91-1	Bis (2-chloroethoxy) methane	25000	U	
111-44-4	Bis (2-chloroethyl) ether	25000	U	
108-60-1	2,2'-Oxybis (1-Chloropropane)	25000	U	
117-81-7	Bis (2-ethylhexyl) phthalate	5600	J	
101-55-3	4-Bromophenyl phenyl ether	25000	U	
85-68-7	Butyl benzyl phthalate	25000	U	
106-47-8	4-Chloroaniline	25000	U	
59-50-7	4-Chloro-3-methylphenol	25000	U	
91-58-7	2-Chloronaphthalene	25000	U	
95-57-8	2-Chlorophenol	25000	U	
7005-72-3	4-Chlorophenyl phenyl ether	25000	U	
218-01-9	Chrysene	3500	J	
53-70-3	Dibenzo (a,h) anthracene	25000	U	
132-64-9	Dibenzofuran	25000	U	
84-74-2	Di-n-butyl phthalate	25000	U	
95-50-1	1,2-Dichlorobenzene	25000	U	
541-73-1	1,3-Dichlorobenzene	25000	U	
106-46-7	1,4-Dichlorobenzene	25000	U	
91-94-1	3,3'-Dichlorobenzidine	49000	U	
120-83-2	2,4-Dichlorophenol	25000	U	
84-66-2	Diethyl phthalate	25000	U	
105-67-9	2,4-Dimethylphenol	25000	U	
131-11-3	Dimethyl phthalate	25000	U	

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

000024

Client No.

RI SED 01

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A2517710

Sample wt/vol: 30.35 (g/mL) G

Lab File ID: Z51743.RR

Level: (low/med) LOW

Date Samp/Recv: 05/21/2002 05/22/2002

% Moisture: 73.5 decanted: (Y/N) N

Date Extracted: 05/24/2002

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 06/06/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 20.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

534-52-1-----	4,6-Dinitro-2-methylphenol	60000	U	5
51-28-5-----	2,4-Dinitrophenol	60000	U	
121-14-2-----	2,4-Dinitrotoluene	25000	U	
606-20-2-----	2,6-Dinitrotoluene	25000	U	
117-84-0-----	Di-n-octyl phthalate	25000	U	
206-44-0-----	Fluoranthene	5600	J	
86-73-7-----	Fluorene	25000	U	
118-74-1-----	Hexachlorobenzene	25000	U	
87-68-3-----	Hexachlorobutadiene	25000	U	
77-47-4-----	Hexachlorocyclopentadiene	25000	U	
67-72-1-----	Hexachloroethane	25000	U	
193-39-5-----	Indeno (1,2,3-cd) pyrene	1300	J	
78-59-1-----	Isophorone	25000	U	
91-57-6-----	2-Methylnaphthalene	25000	U	
95-48-7-----	2-Methylphenol	25000	U	
106-44-5-----	4-Methylphenol	25000	U	
91-20-3-----	Naphthalene	25000	U	
88-74-4-----	2-Nitroaniline	60000	U	
99-09-2-----	3-Nitroaniline	60000	U	
100-01-6-----	4-Nitroaniline	60000	U	
98-95-3-----	Nitrobenzene	25000	U	
88-75-5-----	2-Nitrophenol	25000	U	
100-02-7-----	4-Nitrophenol	60000	U	
86-30-6-----	N-nitrosodiphenylamine	25000	U	
621-64-7-----	N-Nitroso-Di-n-propylamine	25000	U	
87-86-5-----	Pentachlorophenol	60000	U	
85-01-8-----	Phenanthrene	1400	J	
108-95-2-----	Phenol	25000	U	
129-00-0-----	Pyrene	3400	J	
120-82-1-----	1,2,4-Trichlorobenzene	25000	U	
95-95-4-----	2,4,5-Trichlorophenol	25000	U	
88-06-2-----	2,4,6-Trichlorophenol	25000	U	

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

000025

Client No.

RI SED 02

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A2517709

Sample wt/vol: 30.83 (g/mL) G

Lab File ID: Z51742.RR

Level: (low/med) LOW

Date Samp/Recv: 05/21/2002 05/22/2002

% Moisture: 70.7 decanted: (Y/N) N

Date Extracted: 05/24/2002

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 06/06/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 10.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
83-32-9	Acenaphthene	11000	U	J
208-96-8	Acenaphthylene	11000	U	
120-12-7	Anthracene	640	J	
56-55-3	Benzo (a) anthracene	9500	J	
205-99-2	Benzo (b) fluoranthene	27000		
207-08-9	Benzo (k) fluoranthene	22000		
191-24-2	Benzo (ghi) perylene	6800	J	
50-32-8	Benzo (a) pyrene	17000		
100-51-6	Benzyl alcohol	11000	U	
111-91-1	Bis (2-chloroethoxy) methane	11000	U	
111-44-4	Bis (2-chloroethyl) ether	11000	U	
108-60-1	2,2'-Oxybis (1-Chloropropane)	11000	U	
117-81-7	Bis (2-ethylhexyl) phthalate	3300	J	
101-55-3	4-Bromophenyl phenyl ether	11000	U	
85-68-7	Butyl benzyl phthalate	11000	U	
106-47-8	4-Chloroaniline	11000	U	
59-50-7	4-Chloro-3-methylphenol	11000	U	
91-58-7	2-Chloronaphthalene	11000	U	
95-57-8	2-Chlorophenol	11000	U	
7005-72-3	4-Chlorophenyl phenyl ether	11000	U	
218-01-9	Chrysene	20000		
53-70-3	Dibenzo (a, h) anthracene	2800	J	
132-64-9	Dibenzofuran	11000	U	
84-74-2	Di-n-butyl phthalate	11000	U	
95-50-1	1,2-Dichlorobenzene	11000	U	
541-73-1	1,3-Dichlorobenzene	11000	U	
106-46-7	1,4-Dichlorobenzene	11000	U	
91-94-1	3,3'-Dichlorobenzidine	22000	U	
120-83-2	2,4-Dichlorophenol	11000	U	
84-66-2	Diethyl phthalate	11000	U	
105-67-9	2,4-Dimethylphenol	11000	U	
131-11-3	Dimethyl phthalate	11000	U	

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

000026

Client No.

RI SED 02

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A2517709

Sample wt/vol: 30.83 (g/mL) G

Lab File ID: Z51742.RR

Level: (low/med) LOW

Date Samp/Recv: 05/21/2002 05/22/2002

% Moisture: 70.7 decanted: (Y/N) N

Date Extracted: 05/24/2002

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 06/06/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 10.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
534-52-1-----	4,6-Dinitro-2-methylphenol	26000	U	J
51-28-5-----	2,4-Dinitrophenol	26000	U	
121-14-2-----	2,4-Dinitrotoluene	11000	U	
606-20-2-----	2,6-Dinitrotoluene	11000	U	
117-84-0-----	Di-n-octyl phthalate	11000	U	
206-44-0-----	Fluoranthene	35000		
86-73-7-----	Fluorene	11000	U	
118-74-1-----	Hexachlorobenzene	11000	U	
87-68-3-----	Hexachlorobutadiene	11000	U	
77-47-4-----	Hexachlorocyclopentadiene	11000	U	
67-72-1-----	Hexachloroethane	11000	U	
193-39-5-----	Indeno(1,2,3-cd)pyrene	7500	J	
78-59-1-----	Isophorone	11000	U	
91-57-6-----	2-Methylnaphthalene	11000	U	
95-48-7-----	2-Methylphenol	11000	U	
106-44-5-----	4-Methylphenol	11000	U	
91-20-3-----	Naphthalene	11000	U	
88-74-4-----	2-Nitroaniline	26000	U	
99-09-2-----	3-Nitroaniline	26000	U	
100-01-6-----	4-Nitroaniline	26000	U	
98-95-3-----	Nitrobenzene	11000	U	
88-75-5-----	2-Nitrophenol	11000	U	
100-02-7-----	4-Nitrophenol	26000	U	
86-30-6-----	N-nitrosodiphenylamine	11000	U	
621-64-7-----	N-Nitroso-Di-n-propylamine	11000	U	
87-86-5-----	Pentachlorophenol	26000	U	
85-01-8-----	Phenanthrene	8700	J	
108-95-2-----	Phenol	11000	U	
129-00-0-----	Pyrene	21000		
120-82-1-----	1,2,4-Trichlorobenzene	11000	U	
95-95-4-----	2,4,5-Trichlorophenol	11000	U	
88-06-2-----	2,4,6-Trichlorophenol	11000	U	

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

000041

Client No.

RI SED FD

Dup of SED 02

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A2517711

Sample wt/vol: 30.42 (g/mL) G

Lab File ID: Z51744.RR

Level: (low/med) LOW

Date Samp/Recv: 05/21/2002 05/22/2002

% Moisture: 74.0 decanted: (Y/N) N

Date Extracted: 05/24/2002

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 06/06/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 20.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

(ug/L or ug/Kg)

UG/KG

Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	<u>UG/KG</u>	Q
83-32-9-----	Acenaphthene	25000	U	J
208-96-8-----	Acenaphthylene	25000	U	
120-12-7-----	Anthracene	25000	U	
56-55-3-----	Benzo (a) anthracene	8100	J	
205-99-2-----	Benzo (b) fluoranthene	27000		
207-08-9-----	Benzo (k) fluoranthene	15000	J	
191-24-2-----	Benzo (ghi) perylene	5800	J	
50-32-8-----	Benzo (a) pyrene	15000	J	
100-51-6-----	Benzyl alcohol	25000	U	
111-91-1-----	Bis (2-chloroethoxy) methane	25000	U	
111-44-4-----	Bis (2-chloroethyl) ether	25000	U	
108-60-1-----	2,2'-Oxybis (1-Chloropropane)	25000	U	
117-81-7-----	Bis (2-ethylhexyl) phthalate	4400	J	
101-55-3-----	4-Bromophenyl phenyl ether	25000	U	
85-68-7-----	Butyl benzyl phthalate	25000	U	
106-47-8-----	4-Chloroaniline	25000	U	
59-50-7-----	4-Chloro-3-methylphenol	25000	U	
91-58-7-----	2-Chloronaphthalene	25000	U	
95-57-8-----	2-Chlorophenol	25000	U	
7005-72-3-----	4-Chlorophenyl phenyl ether	25000	U	
218-01-9-----	Chrysene	17000	J	
53-70-3-----	Dibenzo (a, h) anthracene	1900	J	
132-64-9-----	Dibenzofuran	25000	U	
84-74-2-----	Di-n-butyl phthalate	25000	U	
95-50-1-----	1,2-Dichlorobenzene	25000	U	
541-73-1-----	1,3-Dichlorobenzene	25000	U	
106-46-7-----	1,4-Dichlorobenzene	25000	U	
91-94-1-----	3,3'-Dichlorobenzidine	50000	U	
120-83-2-----	2,4-Dichlorophenol	25000	U	
84-66-2-----	Diethyl phthalate	25000	U	
105-67-9-----	2,4-Dimethylphenol	25000	U	
131-11-3-----	Dimethyl phthalate	25000	U	✓

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

000042

Client No.

RI SED FD

DUP OF SED 02

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A2517711

Sample wt/vol: 30.42 (g/mL) G

Lab File ID: Z51744.RR

Level: (low/med) LOW

Date Samp/Recv: 05/21/2002 05/22/2002

% Moisture: 74.0 decanted: (Y/N) N

Date Extracted: 05/24/2002

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 06/06/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 20.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

534-52-1-----	4,6-Dinitro-2-methylphenol	60000	U	J
51-28-5-----	2,4-Dinitrophenol	60000	U	
121-14-2-----	2,4-Dinitrotoluene	25000	U	
606-20-2-----	2,6-Dinitrotoluene	25000	U	
117-84-0-----	Di-n-octyl phthalate	25000	U	
206-44-0-----	Fluoranthene	28000		
86-73-7-----	Fluorene	25000	U	
118-74-1-----	Hexachlorobenzene	25000	U	
87-68-3-----	Hexachlorobutadiene	25000	U	
77-47-4-----	Hexachlorocyclopentadiene	25000	U	
67-72-1-----	Hexachloroethane	25000	U	
193-39-5-----	Indeno (1,2,3-cd) pyrene	6200	J	
78-59-1-----	Isophorone	25000	U	
91-57-6-----	2-Methylnaphthalene	25000	U	
95-48-7-----	2-Methylphenol	25000	U	
106-44-5-----	4-Methylphenol	25000	U	
91-20-3-----	Naphthalene	25000	U	
88-74-4-----	2-Nitroaniline	60000	U	
99-09-2-----	3-Nitroaniline	60000	U	
100-01-6-----	4-Nitroaniline	60000	U	
98-95-3-----	Nitrobenzene	25000	U	
88-75-5-----	2-Nitrophenol	25000	U	
100-02-7-----	4-Nitrophenol	60000	U	
86-30-6-----	N-nitrosodiphenylamine	25000	U	
621-64-7-----	N-Nitroso-Di-n-propylamine	25000	U	
87-86-5-----	Pentachlorophenol	60000	U	
85-01-8-----	Phenanthrene	7100	J	
108-95-2-----	Phenol	25000	U	
129-00-0-----	Pyrene	17000	J	
120-82-1-----	1,2,4-Trichlorobenzene	25000	U	
95-95-4-----	2,4,5-Trichlorophenol	25000	U	
88-06-2-----	2,4,6-Trichlorophenol	25000	U	✓

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

000027

Client No.

RI SED 03

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A2517708

Sample wt/vol: 30.44 (g/mL) G

Lab File ID: Z51741.RR

Level: (low/med) LOW

Date Samp/Recv: 05/21/2002 05/22/2002

% Moisture: 61.9 decanted: (Y/N) N

Date Extracted: 05/24/2002

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 06/06/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 10.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
83-32-9-----	Acenaphthene	8500	U	J
208-96-8-----	Acenaphthylene	8500	U	
120-12-7-----	Anthracene	8500	U	
56-55-3-----	Benzo(a)anthracene	650	J	
205-99-2-----	Benzo(b)fluoranthene	1400	J	
207-08-9-----	Benzo(k)fluoranthene	900	J	
191-24-2-----	Benzo(ghi)perylene	8500	U	
50-32-8-----	Benzo(a)pyrene	850	J	
100-51-6-----	Benzyl alcohol	8500	U	
111-91-1-----	Bis(2-chloroethoxy) methane	8500	U	
111-44-4-----	Bis(2-chloroethyl) ether	8500	U	
108-60-1-----	2,2'-Oxybis(1-Chloropropane)	8500	U	
117-81-7-----	Bis(2-ethylhexyl) phthalate	2600	J	
101-55-3-----	4-Bromophenyl phenyl ether	8500	U	
85-68-7-----	Butyl benzyl phthalate	8500	U	
106-47-8-----	4-Chloroaniline	8500	U	
59-50-7-----	4-Chloro-3-methylphenol	8500	U	
91-58-7-----	2-Chloronaphthalene	8500	U	
95-57-8-----	2-Chlorophenol	8500	U	
7005-72-3-----	4-Chlorophenyl phenyl ether	8500	U	
218-01-9-----	Chrysene	1100	J	
53-70-3-----	Dibenzo(a,h)anthracene	8500	U	
132-64-9-----	Dibenzofuran	8500	U	
84-74-2-----	Di-n-butyl phthalate	8500	U	
95-50-1-----	1,2-Dichlorobenzene	8500	U	
541-73-1-----	1,3-Dichlorobenzene	8500	U	
106-46-7-----	1,4-Dichlorobenzene	8500	U	
91-94-1-----	3,3'-Dichlorobenzidine	17000	U	
120-83-2-----	2,4-Dichlorophenol	8500	U	
84-66-2-----	Diethyl phthalate	8500	U	
105-67-9-----	2,4-Dimethylphenol	8500	U	
131-11-3-----	Dimethyl phthalate	8500	U	

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

000028

Client No.

RI SED 03

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A2517708

Sample wt/vol: 30.44 (g/mL) G

Lab File ID: Z51741.RR

Level: (low/med) LOW

Date Samp/Recv: 05/21/2002 05/22/2002

% Moisture: 61.9 decanted: (Y/N) N

Date Extracted: 05/24/2002

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 06/06/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 10.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

534-52-1-----	4,6-Dinitro-2-methylphenol	21000	U	J
51-28-5-----	2,4-Dinitrophenol	21000	U	
121-14-2-----	2,4-Dinitrotoluene	8500	U	
606-20-2-----	2,6-Dinitrotoluene	8500	U	
117-84-0-----	Di-n-octyl phthalate	8500	U	
206-44-0-----	Fluoranthene	1700	J	
86-73-7-----	Fluorene	8500	U	
118-74-1-----	Hexachlorobenzene	8500	U	
87-68-3-----	Hexachlorobutadiene	8500	U	
77-47-4-----	Hexachlorocyclopentadiene	8500	U	
67-72-1-----	Hexachloroethane	8500	U	
193-39-5-----	Indeno(1,2,3-cd)pyrene	8500	U	
78-59-1-----	Isophorone	8500	U	
91-57-6-----	2-Methylnaphthalene	8500	U	
95-48-7-----	2-Methylphenol	8500	U	
106-44-5-----	4-Methylphenol	8500	U	
91-20-3-----	Naphthalene	8500	U	
88-74-4-----	2-Nitroaniline	21000	U	
99-09-2-----	3-Nitroaniline	21000	U	
100-01-6-----	4-Nitroaniline	21000	U	
98-95-3-----	Nitrobenzene	8500	U	
88-75-5-----	2-Nitrophenol	8500	U	
100-02-7-----	4-Nitrophenol	21000	U	
86-30-6-----	N-nitrosodiphenylamine	8500	U	
621-64-7-----	N-Nitroso-Di-n-propylamine	8500	U	
87-86-5-----	Pentachlorophenol	21000	U	
85-01-8-----	Phenanthrene	610	J	
108-95-2-----	Phenol	8500	U	
129-00-0-----	Pyrene	1000	J	
120-82-1-----	1,2,4-Trichlorobenzene	8500	U	
95-95-4-----	2,4,5-Trichlorophenol	8500	U	
88-06-2-----	2,4,6-Trichlorophenol	8500	U	✓

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

000029

Client No.

RI SED 04

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A2517706

Sample wt/vol: 30.97 (g/mL) G

Lab File ID: Z51739.RR

Level: (low/med) LOW

Date Samp/Recv: 05/21/2002 05/22/2002

% Moisture: 76.8 decanted: (Y/N) N

Date Extracted: 05/24/2002

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 06/06/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 10.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
83-32-9-----	Acenaphthene	14000	U	J
208-96-8-----	Acenaphthylene	14000	U	
120-12-7-----	Anthracene	1900	J	
56-55-3-----	Benzo (a) anthracene	22000		
205-99-2-----	Benzo (b) fluoranthene	52000		
207-08-9-----	Benzo (k) fluoranthene	33000		
191-24-2-----	Benzo (ghi) perylene	15000		
50-32-8-----	Benzo (a) pyrene	35000		
100-51-6-----	Benzyl alcohol	14000	U	
111-91-1-----	Bis (2-chloroethoxy) methane	14000	U	
111-44-4-----	Bis (2-chloroethyl) ether	14000	U	J
108-60-1-----	2,2'-Oxybis (1-Chloropropane)	14000	U	
117-81-7-----	Bis (2-ethylhexyl) phthalate	8800	J	
101-55-3-----	4-Bromophenyl phenyl ether	14000	U	
85-68-7-----	Butyl benzyl phthalate	14000	U	
106-47-8-----	4-Chloroaniline	14000	U	
59-50-7-----	4-Chloro-3-methylphenol	14000	U	
91-58-7-----	2-Chloronaphthalene	14000	U	
95-57-8-----	2-Chlorophenol	14000	U	
7005-72-3-----	4-Chlorophenyl phenyl ether	14000	U	
218-01-9-----	Chrysene	40000		J
53-70-3-----	Dibenzo (a,h) anthracene	6000	J	
132-64-9-----	Dibenzofuran	14000	U	
84-74-2-----	Di-n-butyl phthalate	14000	U	
95-50-1-----	1,2-Dichlorobenzene	14000	U	
541-73-1-----	1,3-Dichlorobenzene	14000	U	
106-46-7-----	1,4-Dichlorobenzene	14000	U	
91-94-1-----	3,3'-Dichlorobenzidine	28000	U	
120-83-2-----	2,4-Dichlorophenol	14000	U	
84-66-2-----	Diethyl phthalate	14000	U	
105-67-9-----	2,4-Dimethylphenol	14000	U	J
131-11-3-----	Dimethyl phthalate	14000	U	

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

000030

Client No.

RI SED 04

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A2517706

Sample wt/vol: 30.97 (g/mL) G

Lab File ID: Z51739.RR

Level: (low/med) LOW

Date Samp/Recv: 05/21/2002 05/22/2002

% Moisture: 76.8 decanted: (Y/N) N

Date Extracted: 05/24/2002

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 06/06/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 10.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

534-52-1-----	4,6-Dinitro-2-methylphenol	33000	U	✓
51-28-5-----	2,4-Dinitrophenol	33000	U	
121-14-2-----	2,4-Dinitrotoluene	14000	U	
606-20-2-----	2,6-Dinitrotoluene	14000	U	
117-84-0-----	Di-n-octyl phthalate	14000	U	
206-44-0-----	Fluoranthene	73000		
86-73-7-----	Fluorene	14000	U	
118-74-1-----	Hexachlorobenzene	14000	U	
87-68-3-----	Hexachlorobutadiene	14000	U	
77-47-4-----	Hexachlorocyclopentadiene	14000	U	
67-72-1-----	Hexachloroethane	14000	U	
193-39-5-----	Indeno(1,2,3-cd)pyrene	16000		
78-59-1-----	Isophorone	14000	U	
91-57-6-----	2-Methylnaphthalene	14000	U	
95-48-7-----	2-Methylphenol	14000	U	
106-44-5-----	4-Methylphenol	14000	U	
91-20-3-----	Naphthalene	14000	U	
88-74-4-----	2-Nitroaniline	33000	U	
99-09-2-----	3-Nitroaniline	33000	U	
100-01-6-----	4-Nitroaniline	33000	U	
98-95-3-----	Nitrobenzene	14000	U	
88-75-5-----	2-Nitrophenol	14000	U	
100-02-7-----	4-Nitrophenol	33000	U	
86-30-6-----	N-nitrosodiphenylamine	14000	U	
621-64-7-----	N-Nitroso-Di-n-propylamine	14000	U	
87-86-5-----	Pentachlorophenol	33000	U	
85-01-8-----	Phenanthrene	24000		
108-95-2-----	Phenol	14000	U	
129-00-0-----	Pyrene	47000		
120-82-1-----	1,2,4-Trichlorobenzene	14000	U	
95-95-4-----	2,4,5-Trichlorophenol	14000	U	
88-06-2-----	2,4,6-Trichlorophenol	14000	U	✓

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

000031

Client No.

RI SED 05

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A2517704

Sample wt/vol: 30.36 (g/mL) G

Lab File ID: Z51737.RR

Level: (low/med) LOW

Date Samp/Recv: 05/21/2002 05/22/2002

% Moisture: 68.1 decanted: (Y/N) N

Date Extracted: 05/24/2002

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 06/06/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 5.00

GPC Cleanup: (Y/N) N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/KG
83-32-9	Acenaphthene	5100	U
208-96-8	Acenaphthylene	5100	U
120-12-7	Anthracene	5100	U
56-55-3	Benzo (a) anthracene	270	J
205-99-2	Benzo (b) fluoranthene	400	J
207-08-9	Benzo (k) fluoranthene	340	J
191-24-2	Benzo (ghi) perylene	5100	U
50-32-8	Benzo (a) pyrene	330	J
100-51-6	Benzyl alcohol	5100	U
111-91-1	Bis (2-chloroethoxy) methane	5100	U
111-44-4	Bis (2-chloroethyl) ether	5100	U
108-60-1	2,2'-Oxybis (1-Chloropropane)	5100	U
117-81-7	Bis (2-ethylhexyl) phthalate	990	J
101-55-3	4-Bromophenyl phenyl ether	5100	U
85-68-7	Butyl benzyl phthalate	5100	U
106-47-8	4-Chloroaniline	5100	U
59-50-7	4-Chloro-3-methylphenol	5100	U
91-58-7	2-Chloronaphthalene	5100	U
95-57-8	2-Chlorophenol	5100	U
7005-72-3	4-Chlorophenyl phenyl ether	5100	U
218-01-9	Chrysene	360	J
53-70-3	Dibenzo (a,h) anthracene	5100	U
132-64-9	Dibenzofuran	5100	U
84-74-2	Di-n-butyl phthalate	5100	U
95-50-1	1,2-Dichlorobenzene	5100	U
541-73-1	1,3-Dichlorobenzene	5100	U
106-46-7	1,4-Dichlorobenzene	5100	U
91-94-1	3,3'-Dichlorobenzidine	10000	U
120-83-2	2,4-Dichlorophenol	5100	U
84-66-2	Diethyl phthalate	5100	U
105-67-9	2,4-Dimethylphenol	5100	U
131-11-3	Dimethyl phthalate	5100	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

000032

Client No.

RI SED 05

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A2517704

Sample wt/vol: 30.36 (g/mL) G

Lab File ID: Z51737.RR

Level: (low/med) LOW

Date Samp/Recv: 05/21/2002 05/22/2002

% Moisture: 68.1 decanted: (Y/N) N

Date Extracted: 05/24/2002

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 06/06/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 5.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

534-52-1-----	4,6-Dinitro-2-methylphenol	12000	U	J
51-28-5-----	2,4-Dinitrophenol	12000	U	
121-14-2-----	2,4-Dinitrotoluene	5100	U	
606-20-2-----	2,6-Dinitrotoluene	5100	U	
117-84-0-----	Di-n-octyl phthalate	5100	U	
206-44-0-----	Fluoranthene	600	J	
86-73-7-----	Fluorene	5100	U	
118-74-1-----	Hexachlorobenzene	5100	U	
87-68-3-----	Hexachlorobutadiene	5100	U	
77-47-4-----	Hexachlorocyclopentadiene	5100	U	
67-72-1-----	Hexachloroethane	5100	U	
193-39-5-----	Indeno (1,2,3-cd) pyrene	5100	U	
78-59-1-----	Isophorone	5100	U	
91-57-6-----	2-Methylnaphthalene	5100	U	
95-48-7-----	2-Methylphenol	5100	U	
106-44-5-----	4-Methylphenol	5100	U	
91-20-3-----	Naphthalene	5100	U	
88-74-4-----	2-Nitroaniline	12000	U	
99-09-2-----	3-Nitroaniline	12000	U	
100-01-6-----	4-Nitroaniline	12000	U	
98-95-3-----	Nitrobenzene	5100	U	
88-75-5-----	2-Nitrophenol	5100	U	
100-02-7-----	4-Nitrophenol	12000	U	
86-30-6-----	N-nitrosodiphenylamine	5100	U	
621-64-7-----	N-Nitroso-Di-n-propylamine	5100	U	
87-86-5-----	Pentachlorophenol	12000	U	
85-01-8-----	Phenanthrene	5100	U	
108-95-2-----	Phenol	5100	U	
129-00-0-----	Pyrene	450	J	
120-82-1-----	1,2,4-Trichlorobenzene	5100	U	
95-95-4-----	2,4,5-Trichlorophenol	5100	U	
88-06-2-----	2,4,6-Trichlorophenol	5100	U	✓

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

000033

Client No.

RI SED 06

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A2517702

Sample wt/vol: 30.30 (g/mL) G

Lab File ID: Z51733.RR

Level: (low/med) LOW

Date Samp/Recv: 05/21/2002 05/22/2002

% Moisture: 85.5 decanted: (Y/N) N

Date Extracted: 05/24/2002

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 06/06/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 5.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

(ug/L or ug/Kg)

UG/KG

Q

CAS NO.	COMPOUND	UG/KG	Q
83-32-9-----	Acenaphthene	11000	U J
208-96-8-----	Acenaphthylene	11000	U
120-12-7-----	Anthracene	11000	U
56-55-3-----	Benzo (a) anthracene	650	J
205-99-2-----	Benzo (b) fluoranthene	1400	J
207-08-9-----	Benzo (k) fluoranthene	700	J
191-24-2-----	Benzo (ghi) perylene	780	J
50-32-8-----	Benzo (a) pyrene	980	J
100-51-6-----	Benzyl alcohol	11000	U
111-91-1-----	Bis (2-chloroethoxy) methane	11000	U
111-44-4-----	Bis (2-chloroethyl) ether	11000	U
108-60-1-----	2,2'-Oxybis (1-Chloropropane)	11000	U
117-81-7-----	Bis (2-ethylhexyl) phthalate	1000	J
101-55-3-----	4-Bromophenyl phenyl ether	11000	U
85-68-7-----	Butyl benzyl phthalate	11000	U
106-47-8-----	4-Chloroaniline	11000	U
59-50-7-----	4-Chloro-3-methylphenol	11000	U
91-58-7-----	2-Chloronaphthalene	11000	U
95-57-8-----	2-Chlorophenol	11000	U
7005-72-3-----	4-Chlorophenyl phenyl ether	11000	U
218-01-9-----	Chrysene	1000	J
53-70-3-----	Dibenzo (a, h) anthracene	11000	U
132-64-9-----	Dibenzofuran	11000	U
84-74-2-----	Di-n-butyl phthalate	11000	U
95-50-1-----	1,2-Dichlorobenzene	11000	U
541-73-1-----	1,3-Dichlorobenzene	11000	U
106-46-7-----	1,4-Dichlorobenzene	11000	U
91-94-1-----	3,3'-Dichlorobenzidine	22000	U
120-83-2-----	2,4-Dichlorophenol	11000	U
84-66-2-----	Diethyl phthalate	11000	U
105-67-9-----	2,4-Dimethylphenol	11000	U
131-11-3-----	Dimethyl phthalate	11000	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

000034

Client No.

RI SED 06

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A2517702

Sample wt/vol: 30.30 (g/mL) G

Lab File ID: Z51733.RR

Level: (low/med) LOW

Date Samp/Recv: 05/21/2002 05/22/2002

% Moisture: 85.5 decanted: (Y/N) N

Date Extracted: 05/24/2002

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 06/06/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 5.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

534-52-1-----	4,6-Dinitro-2-methylphenol	27000	U	✓
51-28-5-----	2,4-Dinitrophenol	27000	U	✓
121-14-2-----	2,4-Dinitrotoluene	11000	U	✓
606-20-2-----	2,6-Dinitrotoluene	11000	U	✓
117-84-0-----	Di-n-octyl phthalate	11000	U	✓
206-44-0-----	Fluoranthene	1600	J	✓
86-73-7-----	Fluorene	11000	U	✓
118-74-1-----	Hexachlorobenzene	11000	U	✓
87-68-3-----	Hexachlorobutadiene	11000	U	✓
77-47-4-----	Hexachlorocyclopentadiene	11000	U	✓
67-72-1-----	Hexachloroethane	11000	U	✓
193-39-5-----	Indeno(1,2,3-cd)pyrene	670	J	✓
78-59-1-----	Isophorone	11000	U	✓
91-57-6-----	2-Methylnaphthalene	11000	U	✓
95-48-7-----	2-Methylphenol	11000	U	✓
106-44-5-----	4-Methylphenol	11000	U	✓
91-20-3-----	Naphthalene	11000	U	✓
88-74-4-----	2-Nitroaniline	27000	U	✓
99-09-2-----	3-Nitroaniline	27000	U	✓
100-01-6-----	4-Nitroaniline	27000	U	✓
98-95-3-----	Nitrobenzene	11000	U	✓
88-75-5-----	2-Nitrophenol	11000	U	✓
100-02-7-----	4-Nitrophenol	27000	U	✓
86-30-6-----	N-nitrosodiphenylamine	11000	U	✓
621-64-7-----	N-Nitroso-Di-n-propylamine	11000	U	✓
87-86-5-----	Pentachlorophenol	27000	U	✓
85-01-8-----	Phenanthrene	11000	U	✓
108-95-2-----	Phenol	11000	U	✓
129-00-0-----	Pyrene	1300	J	✓
120-82-1-----	1,2,4-Trichlorobenzene	11000	U	✓
95-95-4-----	2,4,5-Trichlorophenol	11000	U	✓
88-06-2-----	2,4,6-Trichlorophenol	11000	U	✓

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

000035

Client No.

RI SED 07

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A2517703

Sample wt/vol: 30.23 (g/mL) G

Lab File ID: Z51736.RR

Level: (low/med) LOW

Date Samp/Recv: 05/21/2002 05/22/2002

% Moisture: 84.1 decanted: (Y/N) N

Date Extracted: 05/24/2002

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 06/06/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 5.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

83-32-9-----	Acenaphthene	10000	U	J
208-96-8-----	Acenaphthylene	10000	U	
120-12-7-----	Anthracene	10000	U	
56-55-3-----	Benzo(a)anthracene	10000	U	
205-99-2-----	Benzo(b)fluoranthene	760	J	
207-08-9-----	Benzo(k)fluoranthene	640	J	
191-24-2-----	Benzo(ghi)perylene	10000	U	
50-32-8-----	Benzo(a)pyrene	630	J	
100-51-6-----	Benzyl alcohol	10000	U	
111-91-1-----	Bis(2-chloroethoxy) methane	10000	U	
111-44-4-----	Bis(2-chloroethyl) ether	10000	U	
108-60-1-----	2,2'-Oxybis(1-Chloropropane)	10000	U	
117-81-7-----	Bis(2-ethylhexyl) phthalate	920	J	
101-55-3-----	4-Bromophenyl phenyl ether	10000	U	
85-68-7-----	Butyl benzyl phthalate	10000	U	
106-47-8-----	4-Chloroaniline	10000	U	
59-50-7-----	4-Chloro-3-methylphenol	10000	U	
91-58-7-----	2-Chloronaphthalene	10000	U	
95-57-8-----	2-Chlorophenol	10000	U	
7005-72-3-----	4-Chlorophenyl phenyl ether	10000	U	
218-01-9-----	Chrysene	660	J	
53-70-3-----	Dibenzo(a,h)anthracene	10000	U	
132-64-9-----	Dibenzofuran	10000	U	
84-74-2-----	Di-n-butyl phthalate	10000	U	
95-50-1-----	1,2-Dichlorobenzene	10000	U	
541-73-1-----	1,3-Dichlorobenzene	10000	U	
106-46-7-----	1,4-Dichlorobenzene	10000	U	
91-94-1-----	3,3'-Dichlorobenzidine	21000	U	
120-83-2-----	2,4-Dichlorophenol	10000	U	
84-66-2-----	Diethyl phthalate	10000	U	
105-67-9-----	2,4-Dimethylphenol	10000	U	
131-11-3-----	Dimethyl phthalate	10000	U	

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

000036

Client No.

RI SED 07

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A2517703

Sample wt/vol: 30.23 (g/mL) G

Lab File ID: Z51736.RR

Level: (low/med) LOW

Date Samp/Recv: 05/21/2002 05/22/2002

% Moisture: 84.1 decanted: (Y/N) N

Date Extracted: 05/24/2002

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 06/06/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 5.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

534-52-1-----	4,6-Dinitro-2-methylphenol	25000	U	✓
51-28-5-----	2,4-Dinitrophenol	25000	U	
121-14-2-----	2,4-Dinitrotoluene	10000	U	
606-20-2-----	2,6-Dinitrotoluene	10000	U	
117-84-0-----	Di-n-octyl phthalate	10000	U	
206-44-0-----	Fluoranthene	1000	J	
86-73-7-----	Fluorene	10000	U	
118-74-1-----	Hexachlorobenzene	10000	U	
87-68-3-----	Hexachlorobutadiene	10000	U	
77-47-4-----	Hexachlorocyclopentadiene	10000	U	
67-72-1-----	Hexachloroethane	10000	U	
193-39-5-----	Indeno(1,2,3-cd)pyrene	10000	U	
78-59-1-----	Isophorone	10000	U	
91-57-6-----	2-Methylnaphthalene	10000	U	
95-48-7-----	2-Methylphenol	10000	U	
106-44-5-----	4-Methylphenol	10000	U	
91-20-3-----	Naphthalene	10000	U	
88-74-4-----	2-Nitroaniline	25000	U	
99-09-2-----	3-Nitroaniline	25000	U	
100-01-6-----	4-Nitroaniline	25000	U	
98-95-3-----	Nitrobenzene	10000	U	
88-75-5-----	2-Nitrophenol	10000	U	
100-02-7-----	4-Nitrophenol	25000	U	
86-30-6-----	N-nitrosodiphenylamine	10000	U	
621-64-7-----	N-Nitroso-Di-n-propylamine	10000	U	
87-86-5-----	Pentachlorophenol	25000	U	
85-01-8-----	Phenanthrene	10000	U	
108-95-2-----	Phenol	10000	U	
129-00-0-----	Pyrene	870	J	
120-82-1-----	1,2,4-Trichlorobenzene	10000	U	
95-95-4-----	2,4,5-Trichlorophenol	10000	U	
88-06-2-----	2,4,6-Trichlorophenol	10000	U	✓

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

000037

Client No.

RI SED 08

Lab Name: STL Buffalo

Contract: _____

Lab Code: REONY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A2517705

Sample wt/vol: 30.96 (g/mL) G

Lab File ID: Z51738.RR

Level: (low/med) LOW

Date Samp/Recv: 05/21/2002 05/22/2002

% Moisture: 65.3 decanted: (Y/N) N

Date Extracted: 05/24/2002

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 06/06/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 10.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
83-32-9-----	Acenaphthene	1200	J	J
208-96-8-----	Acenaphthylene	9200	U	
120-12-7-----	Anthracene	6800	J	
56-55-3-----	Benzo(a)anthracene	55000		
205-99-2-----	Benzo(b)fluoranthene	98000		
207-08-9-----	Benzo(k)fluoranthene	52000		
191-24-2-----	Benzo(ghi)perylene	30000		
50-32-8-----	Benzo(a)pyrene	67000		
100-51-6-----	Benzyl alcohol	9200	U	
111-91-1-----	Bis(2-chloroethoxy) methane	9200	U	
111-44-4-----	Bis(2-chloroethyl) ether	9200	U	
108-60-1-----	2,2'-Oxybis(1-Chloropropane)	9200	U	
117-81-7-----	Bis(2-ethylhexyl) phthalate	3000	J	
101-55-3-----	4-Bromophenyl phenyl ether	9200	U	
85-68-7-----	Butyl benzyl phthalate	9200	U	
106-47-8-----	4-Chloroaniline	9200	U	
59-50-7-----	4-Chloro-3-methylphenol	9200	U	
91-58-7-----	2-Chloronaphthalene	9200	U	
95-57-8-----	2-Chlorophenol	9200	U	
7005-72-3-----	4-Chlorophenyl phenyl ether	9200	U	
218-01-9-----	Chrysene	75000		
53-70-3-----	Dibenzo(a,h)anthracene	13000		
132-64-9-----	Dibenzofuran	850	J	
84-74-2-----	Di-n-butyl phthalate	9200	U	
95-50-1-----	1,2-Dichlorobenzene	9200	U	
541-73-1-----	1,3-Dichlorobenzene	9200	U	
106-46-7-----	1,4-Dichlorobenzene	9200	U	
91-94-1-----	3,3'-Dichlorobenzidine	18000	U	
120-83-2-----	2,4-Dichlorophenol	9200	U	
84-66-2-----	Diethyl phthalate	9200	U	
105-67-9-----	2,4-Dimethylphenol	9200	U	
131-11-3-----	Dimethyl phthalate	9200	U	

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

000038

Client No.

RI SED 08

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A2517705

Sample wt/vol: 30.96 (g/mL) G

Lab File ID: Z51738.RR

Level: (low/med) LOW

Date Samp/Recv: 05/21/2002 05/22/2002

% Moisture: 65.3 decanted: (Y/N) N

Date Extracted: 05/24/2002

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 06/06/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 10.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

534-52-1-----	4,6-Dinitro-2-methylphenol	22000	U	J
51-28-5-----	2,4-Dinitrophenol	22000	U	
121-14-2-----	2,4-Dinitrotoluene	9200	U	
606-20-2-----	2,6-Dinitrotoluene	9200	U	
117-84-0-----	Di-n-octyl phthalate	9200	U	
206-44-0-----	Fluoranthene	150000		
86-73-7-----	Fluorene	2000	J	
118-74-1-----	Hexachlorobenzene	9200	U	
87-68-3-----	Hexachlorobutadiene	9200	U	
77-47-4-----	Hexachlorocyclopentadiene	9200	U	
67-72-1-----	Hexachloroethane	9200	U	
193-39-5-----	Indeno(1,2,3-cd)pyrene	31000		
78-59-1-----	Isophorone	9200	U	
91-57-6-----	2-Methylnaphthalene	9200	U	
95-48-7-----	2-Methylphenol	9200	U	
106-44-5-----	4-Methylphenol	9200	U	
91-20-3-----	Naphthalene	9200	U	
88-74-4-----	2-Nitroaniline	22000	U	
99-09-2-----	3-Nitroaniline	22000	U	
100-01-6-----	4-Nitroaniline	22000	U	
98-95-3-----	Nitrobenzene	9200	U	
88-75-5-----	2-Nitrophenol	9200	U	
100-02-7-----	4-Nitrophenol	22000	U	
86-30-6-----	N-nitrosodiphenylamine	9200	U	
621-64-7-----	N-Nitroso-Di-n-propylamine	9200	U	
87-86-5-----	Pentachlorophenol	22000	U	
85-01-8-----	Phenanthrene	63000		
108-95-2-----	Phenol	9200	U	
129-00-0-----	Pyrene	96000		
120-82-1-----	1,2,4-Trichlorobenzene	9200	U	
95-95-4-----	2,4,5-Trichlorophenol	9200	U	
88-06-2-----	2,4,6-Trichlorophenol	9200	U	✓

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

000039

Client No.

RI SED 09

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A2517707

Sample wt/vol: 30.62 (g/mL) G

Lab File ID: Z51740.RR

Level: (low/med) LOW

Date Samp/Recv: 05/21/2002 05/22/2002

% Moisture: 61.9 decanted: (Y/N) N

Date Extracted: 05/24/2002

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 06/06/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 20.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
83-32-9-----	Acenaphthene	3100		J
208-96-8-----	Acenaphthylene	17000		U
120-12-7-----	Anthracene	16000		J
56-55-3-----	Benzo (a) anthracene	88000		
205-99-2-----	Benzo (b) fluoranthene	130000		
207-08-9-----	Benzo (k) fluoranthene	78000		
191-24-2-----	Benzo (ghi) perylene	35000		
50-32-8-----	Benzo (a) pyrene	97000		
100-51-6-----	Benzyl alcohol	17000		U
111-91-1-----	Bis (2-chloroethoxy) methane	17000		U
111-44-4-----	Bis (2-chloroethyl) ether	17000		U
108-60-1-----	2,2'-Oxybis (1-Chloropropane)	17000		U
117-81-7-----	Bis (2-ethylhexyl) phthalate	1700		J
101-55-3-----	4-Bromophenyl phenyl ether	17000		U
85-68-7-----	Butyl benzyl phthalate	17000		U
106-47-8-----	4-Chloroaniline	17000		U
59-50-7-----	4-Chloro-3-methylphenol	17000		U
91-58-7-----	2-Chloronaphthalene	17000		U
95-57-8-----	2-Chlorophenol	17000		U
7005-72-3-----	4-Chlorophenyl phenyl ether	17000		U
218-01-9-----	Chrysene	100000		
53-70-3-----	Dibenzo (a, h) anthracene	16000		J
132-64-9-----	Dibenzofuran	1800		J
84-74-2-----	Di-n-butyl phthalate	17000		U
95-50-1-----	1,2-Dichlorobenzene	17000		U
541-73-1-----	1,3-Dichlorobenzene	17000		U
106-46-7-----	1,4-Dichlorobenzene	17000		U
91-94-1-----	3,3'-Dichlorobenzidine	34000		U
120-83-2-----	2,4-Dichlorophenol	17000		U
84-66-2-----	Diethyl phthalate	17000		U
105-67-9-----	2,4-Dimethylphenol	17000		U
131-11-3-----	Dimethyl phthalate	17000		U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

000040

Client No.

RI SED 09

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A2517707

Sample wt/vol: 30.62 (g/mL) G

Lab File ID: Z51740.RR

Level: (low/med) LOW

Date Samp/Recv: 05/21/2002 05/22/2002

% Moisture: 61.9 decanted: (Y/N) N

Date Extracted: 05/24/2002

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 06/06/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 20.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
534-52-1-----	4,6-Dinitro-2-methylphenol	41000		U J
51-28-5-----	2,4-Dinitrophenol	41000		U
121-14-2-----	2,4-Dinitrotoluene	17000		U
606-20-2-----	2,6-Dinitrotoluene	17000		U
117-84-0-----	Di-n-octyl phthalate	17000		U
206-44-0-----	Fluoranthene	230000		
86-73-7-----	Fluorene	4800		J
118-74-1-----	Hexachlorobenzene	17000		U
87-68-3-----	Hexachlorobutadiene	17000		U
77-47-4-----	Hexachlorocyclopentadiene	17000		U
67-72-1-----	Hexachloroethane	17000		U
193-39-5-----	Indeno (1,2,3-cd) pyrene	38000		
78-59-1-----	Isophorone	17000		U
91-57-6-----	2-Methylnaphthalene	17000		U
95-48-7-----	2-Methylphenol	17000		U
106-44-5-----	4-Methylphenol	17000		U
91-20-3-----	Naphthalene	17000		U
88-74-4-----	2-Nitroaniline	41000		U
99-09-2-----	3-Nitroaniline	41000		U
100-01-6-----	4-Nitroaniline	41000		U
98-95-3-----	Nitrobenzene	17000		U
88-75-5-----	2-Nitrophenol	17000		U
100-02-7-----	4-Nitrophenol	41000		U
86-30-6-----	N-nitrosodiphenylamine	17000		U
621-64-7-----	N-Nitroso-Di-n-propylamine	17000		U
87-86-5-----	Pentachlorophenol	41000		U
85-01-8-----	Phenanthrene	120000		
108-95-2-----	Phenol	17000		U
129-00-0-----	Pyrene	140000		
120-82-1-----	1,2,4-Trichlorobenzene	17000		U
95-95-4-----	2,4,5-Trichlorophenol	17000		U
88-06-2-----	2,4,6-Trichlorophenol	17000		U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

000016

Client No.

RI SED-10

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A2B69401

Sample wt/vol: 30.74 (g/mL) G

Lab File ID: Z54327.RR

Level: (low/med) LOW

Date Samp/Recv: 11/21/2002 11/22/2002

% Moisture: 75.9 decanted: (Y/N) N

Date Extracted: 11/25/2002

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/03/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 10.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
83-32-9-----	Acenaphthene	13000		U J
208-96-8-----	Acenaphthylene	13000		U
120-12-7-----	Anthracene	13000		U
56-55-3-----	Benzo (a) anthracene	2200		J
205-99-2-----	Benzo (b) fluoranthene	3000		J
207-08-9-----	Benzo (k) fluoranthene	1800		J
191-24-2-----	Benzo (ghi) perylene	1900		J
50-32-8-----	Benzo (a) pyrene	2600		J
100-51-6-----	Benzyl alcohol	13000		U
111-91-1-----	Bis (2-chloroethoxy) methane	13000		U
111-44-4-----	Bis (2-chloroethyl) ether	13000		U
108-60-1-----	2,2'-Oxybis (1-Chloropropane)	13000		U
117-81-7-----	Bis (2-ethylhexyl) phthalate	13000 880		J U
101-55-3-----	4-Bromophenyl phenyl ether	13000		U
85-68-7-----	Butyl benzyl phthalate	13000		U
106-47-8-----	4-Chloroaniline	13000		U
59-50-7-----	4-Chloro-3-methylphenol	13000		U
91-58-7-----	2-Chloronaphthalene	13000		U
95-57-8-----	2-Chlorophenol	13000		U
7005-72-3-----	4-Chlorophenyl phenyl ether	13000		U
218-01-9-----	Chrysene	2900		J
53-70-3-----	Dibenzo (a, h) anthracene	13000		U
132-64-9-----	Dibenzofuran	13000		U
84-74-2-----	Di-n-butyl phthalate	13000		U
95-50-1-----	1,2-Dichlorobenzene	13000		U
541-73-1-----	1,3-Dichlorobenzene	13000		U
106-46-7-----	1,4-Dichlorobenzene	13000		U
91-94-1-----	3,3'-Dichlorobenzidine	27000		U
120-83-2-----	2,4-Dichlorophenol	13000		U
84-66-2-----	Diethyl phthalate	13000		U
105-67-9-----	2,4-Dimethylphenol	13000		U
131-11-3-----	Dimethyl phthalate	13000		U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

000017

Client No.

RI SED-10

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A2B69401

Sample wt/vol: 30.74 (g/mL) G Lab File ID: Z54327.RR

Level: (low/med) LOW Date Samp/Recv: 11/21/2002 11/22/2002

% Moisture: 75.9 decanted: (Y/N) N Date Extracted: 11/25/2002

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/03/2002

Injection Volume: 1.00 (uL) Dilution Factor: 10.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
534-52-1-----	4,6-Dinitro-2-methylphenol	65000		U J
51-28-5-----	2,4-Dinitrophenol	65000		U
121-14-2-----	2,4-Dinitrotoluene	13000		U
606-20-2-----	2,6-Dinitrotoluene	13000		U
117-84-0-----	Di-n-octyl phthalate	13000		U
206-44-0-----	Fluoranthene	6900		J
86-73-7-----	Fluorene	13000		U
118-74-1-----	Hexachlorobenzene	13000		U
87-68-3-----	Hexachlorobutadiene	13000		U
77-47-4-----	Hexachlorocyclopentadiene	13000		U
67-72-1-----	Hexachloroethane	13000		U
193-39-5-----	Indeno (1,2,3-cd) pyrene	1600		J
78-59-1-----	Isophorone	13000		U
91-57-6-----	2-Methylnaphthalene	13000		U
95-48-7-----	2-Methylphenol	13000		U
106-44-5-----	4-Methylphenol	13000		U
91-20-3-----	Naphthalene	13000 1400		U J
88-74-4-----	2-Nitroaniline	65000		U J
99-09-2-----	3-Nitroaniline	65000		U
100-01-6-----	4-Nitroaniline	65000		U
98-95-3-----	Nitrobenzene	13000		U
88-75-5-----	2-Nitrophenol	13000		U
100-02-7-----	4-Nitrophenol	65000		U
86-30-6-----	N-nitrosodiphenylamine	13000		U
621-64-7-----	N-Nitroso-Di-n-propylamine	13000		U
87-86-5-----	Pentachlorophenol	65000		U
85-01-8-----	Phenanthrene	2200		J
108-95-2-----	Phenol	13000		U
129-00-0-----	Pyrene	4300		J
120-82-1-----	1,2,4-Trichlorobenzene	13000		U
95-95-4-----	2,4,5-Trichlorophenol	32000		U
88-06-2-----	2,4,6-Trichlorophenol	13000		U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

000043

Client No.

RI SS-01

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A2517701

Sample wt/vol: 30.79 (g/mL) G

Lab File ID: Z51732.RR

Level: (low/med) LOW

Date Samp/Recv: 05/21/2002 05/22/2002

% Moisture: 28.6 decanted: (Y/N) N

Date Extracted: 05/24/2002

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 06/06/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

83-32-9-----	Acenaphthene	450	U
208-96-8-----	Acenaphthylene	450	U
120-12-7-----	Anthracene	450	U
56-55-3-----	Benzo (a) anthracene	53	J
205-99-2-----	Benzo (b) fluoranthene	80	J
207-08-9-----	Benzo (k) fluoranthene	60	J
191-24-2-----	Benzo (ghi) perylene	45	J
50-32-8-----	Benzo (a) pyrene	70	J
100-51-6-----	Benzyl alcohol	450	U
111-91-1-----	Bis (2-chloroethoxy) methane	450	U
111-44-4-----	Bis (2-chloroethyl) ether	450	U
108-60-1-----	2,2'-Oxybis (1-Chloropropane)	450	U
117-81-7-----	Bis (2-ethylhexyl) phthalate	130	J
101-55-3-----	4-Bromophenyl phenyl ether	450	U
85-68-7-----	Butyl benzyl phthalate	450	U
106-47-8-----	4-Chloroaniline	450	U
59-50-7-----	4-Chloro-3-methylphenol	450	U
91-58-7-----	2-Chloronaphthalene	450	U
95-57-8-----	2-Chlorophenol	450	U
7005-72-3-----	4-Chlorophenyl phenyl ether	450	U
218-01-9-----	Chrysene	80	J
53-70-3-----	Dibenzo (a,h) anthracene	450	U
132-64-9-----	Dibenzofuran	450	U
84-74-2-----	Di-n-butyl phthalate	28	J
95-50-1-----	1,2-Dichlorobenzene	450	U
541-73-1-----	1,3-Dichlorobenzene	450	U
106-46-7-----	1,4-Dichlorobenzene	450	U
91-94-1-----	3,3'-Dichlorobenzidine	900	U
120-83-2-----	2,4-Dichlorophenol	450	U
84-66-2-----	Diethyl phthalate	450	U
105-67-9-----	2,4-Dimethylphenol	450	U
131-11-3-----	Dimethyl phthalate	450	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

000044

Client No.

RI SS-01

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A2517701

Sample wt/vol: 30.79 (g/mL) G

Lab File ID: Z51732.RR

Level: (low/med) LOW

Date Samp/Recv: 05/21/2002 05/22/2002

% Moisture: 28.6 decanted: (Y/N) N

Date Extracted: 05/24/2002

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 06/06/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

534-52-1-----	4,6-Dinitro-2-methylphenol	1100	U
51-28-5-----	2,4-Dinitrophenol	1100	U
121-14-2-----	2,4-Dinitrotoluene	450	U
606-20-2-----	2,6-Dinitrotoluene	450	U
117-84-0-----	Di-n-octyl phthalate	41	J
206-44-0-----	Fluoranthene	110	J
86-73-7-----	Fluorene	450	U
118-74-1-----	Hexachlorobenzene	450	U
87-68-3-----	Hexachlorobutadiene	450	U
77-47-4-----	Hexachlorocyclopentadiene	450	U
67-72-1-----	Hexachloroethane	450	U
193-39-5-----	Indeno (1,2,3-cd) pyrene	43	J
78-59-1-----	Isophorone	450	U
91-57-6-----	2-Methylnaphthalene	450	U
95-48-7-----	2-Methylphenol	450	U
106-44-5-----	4-Methylphenol	450	U
91-20-3-----	Naphthalene	450	U
88-74-4-----	2-Nitroaniline	1100	U
99-09-2-----	3-Nitroaniline	1100	U
100-01-6-----	4-Nitroaniline	1100	U
98-95-3-----	Nitrobenzene	450	U
88-75-5-----	2-Nitrophenol	450	U
100-02-7-----	4-Nitrophenol	1100	U
86-30-6-----	N-nitrosodiphenylamine	450	U
621-64-7-----	N-Nitroso-Di-n-propylamine	450	U
87-86-5-----	Pentachlorophenol	1100	U
85-01-8-----	Phenanthrene	38	J
108-95-2-----	Phenol	450	U
129-00-0-----	Pyrene	86	J
120-82-1-----	1,2,4-Trichlorobenzene	450	U
95-95-4-----	2,4,5-Trichlorophenol	450	U
88-06-2-----	2,4,6-Trichlorophenol	450	U

METHOD 8081 - TCL PESTICIDES
ANALYSIS DATA SHEET

000054

Client No.

RI SED 01

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A2517710

Sample wt/vol: 30.51 (g/mL) G

Lab File ID: RA17180.TX0

% Moisture: 73.5 decanted: (Y/N) Y

Date Samp/Recv: 05/21/2002 05/22/2002

Extraction: (SepF/Cont/Sonc/Soxh): SONC

Date Extracted: 05/24/2002

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 06/11/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 100.00

GPC Cleanup: (Y/N) N pH:

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) <u>UG/KG</u>	<u>Q</u>
309-00-2-----	Aldrin	620	U
319-84-6-----	alpha-BHC	620	U
319-85-7-----	beta-BHC	620	U
58-89-9-----	gamma-BHC (Lindane)	620	U
319-86-8-----	delta-BHC	620	U
57-74-9-----	Chlordane	620	U
72-54-8-----	4,4'-DDD	620	U
72-55-9-----	4,4'-DDE	620	U
50-29-3-----	4,4'-DDT	620	U
60-57-1-----	Dieldrin	620	U
959-98-8-----	Endosulfan I	620	U
33213-65-9----	Endosulfan II	620	U
1031-07-8-----	Endosulfan Sulfate	620	U
72-20-8-----	Endrin	620	U
7421-93-4-----	Endrin aldehyde	620	U
76-44-8-----	Heptachlor	620	U
1024-57-3-----	Heptachlor epoxide	620	U
72-43-5-----	Methoxychlor	620	U
8001-35-2-----	Toxaphene	1200	U
53494-70-5----	Endrin ketone	620	U

METHOD 8081 - TCL PESTICIDES
ANALYSIS DATA SHEET

000053

Client No.

RI SED 02

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A2517709

Sample wt/vol: 30.59 (g/mL) G

Lab File ID: RA17179.TX0

% Moisture: 70.7 decanted: (Y/N) Y

Date Samp/Recv: 05/21/2002 05/22/2002

Extraction: (SepF/Cont/Sonc/Soxh): SONC

Date Extracted: 05/24/2002

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 06/11/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 100.00

GPC Cleanup: (Y/N) N pH:

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) <u>UG/KG</u>	<u>Q</u>
309-00-2-----	Aldrin	560	U
319-84-6-----	alpha-BHC	560	U
319-85-7-----	beta-BHC	560	U
58-89-9-----	gamma-BHC (Lindane)	560	U
319-86-8-----	delta-BHC	560	U
57-74-9-----	Chlordane	560	U
72-54-8-----	4,4'-DDD	560	U
72-55-9-----	4,4'-DDE	560	U
50-29-3-----	4,4'-DDT	560	U
60-57-1-----	Dieldrin	560	U
959-98-8-----	Endosulfan I	560	U
33213-65-9----	Endosulfan II	560	U
1031-07-8-----	Endosulfan Sulfate	560	U
72-20-8-----	Endrin	560	U
7421-93-4-----	Endrin aldehyde	560	U
76-44-8-----	Heptachlor	560	U
1024-57-3-----	Heptachlor epoxide	560	U
72-43-5-----	Methoxychlor	560	U
8001-35-2-----	Toxaphene	1100	U
53494-70-5----	Endrin ketone	560	U

METHOD 8081 - TCL PESTICIDES
ANALYSIS DATA SHEET

000055

Client No.

Lab Name: STL Buffalo

Contract: _____

RI SED FD

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Dup of SEP 02

Matrix: (soil/water) SOIL

Lab Sample ID: A2517711

Sample wt/vol: 30.11 (g/mL) G

Lab File ID: RA17181.TX0

% Moisture: 74.0 decanted: (Y/N) Y

Date Samp/Recv: 05/21/2002 05/22/2002

Extraction: (SepF/Cont/Sonc/Soxh): SONC

Date Extracted: 05/24/2002

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 06/11/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 100.00

GPC Cleanup: (Y/N) N pH:

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

CAS NO.	COMPOUND		
309-00-2-----	Aldrin	640	U J
319-84-6-----	alpha-BHC	640	U
319-85-7-----	beta-BHC	640	U
58-89-9-----	gamma-BHC (Lindane)	640	U
319-86-8-----	delta-BHC	640	U
57-74-9-----	Chlordane	640	U
72-54-8-----	4,4'-DDD	640	U
72-55-9-----	4,4'-DDE	640	U
50-29-3-----	4,4'-DDT	640	U
60-57-1-----	Dieldrin	640	U
959-98-8-----	Endosulfan I	640	U
33213-65-9----	Endosulfan II	640	U
1031-07-8-----	Endosulfan Sulfate	640	U
72-20-8-----	Endrin	640	U
7421-93-4-----	Endrin aldehyde	640	U
76-44-8-----	Heptachlor	640	U
1024-57-3-----	Heptachlor epoxide	640	U
72-43-5-----	Methoxychlor	640 2300	U
8001-35-2-----	Toxaphene	1300	U
53494-70-5----	Endrin ketone	640	U

METHOD 8081 - TCL PESTICIDES
ANALYSIS DATA SHEET

000052

Client No.

RI SED 03

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A2517708

Sample wt/vol: 30.62 (g/mL) G

Lab File ID: RA17175.TX0

% Moisture: 61.9 decanted: (Y/N) Y

Date Samp/Recv: 05/21/2002 05/22/2002

Extraction: (SepF/Cont/Sonc/Soxh): SONC

Date Extracted: 05/24/2002

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 06/11/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 10.00

GPC Cleanup: (Y/N) N pH: _

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
309-00-2-----	Aldrin	43	U	J ↓
319-84-6-----	alpha-BHC	43	U	
319-85-7-----	beta-BHC	43	U	
58-89-9-----	gamma-BHC (Lindane)	43	U	
319-86-8-----	delta-BHC	43	U	
57-74-9-----	Chlordane	80	U	
72-54-8-----	4,4'-DDD	58		
72-55-9-----	4,4'-DDE	79		
50-29-3-----	4,4'-DDT	58		
60-57-1-----	Dieldrin	43	U	
959-98-8-----	Endosulfan I	43	U	
33213-65-9----	Endosulfan II	43	U	
1031-07-8-----	Endosulfan Sulfate	43	U	
72-20-8-----	Endrin	43	U	
7421-93-4-----	Endrin aldehyde	43	U	
76-44-8-----	Heptachlor	43	U	
1024-57-3-----	Heptachlor epoxide	43	U	
72-43-5-----	Methoxychlor	43 140	U	
8001-35-2-----	Toxaphene	160	U	
53494-70-5----	Endrin ketone	43	U	

METHOD 8081 - TCL PESTICIDES
ANALYSIS DATA SHEET

000050

Client No.

RI SED 04

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A2517706

Sample wt/vol: 30.75 (g/mL) G

Lab File ID: RA17177.TX0

% Moisture: 76.8 decanted: (Y/N) Y

Date Samp/Recv: 05/21/2002 05/22/2002

Extraction: (SepF/Cont/Sonc/Soxh): SONC

Date Extracted: 05/24/2002

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 06/11/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 100.00

GPC Cleanup: (Y/N) N pH: _

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) <u>UG/KG</u>	<u>Q</u>
309-00-2-----	Aldrin	700	U <u>J</u>
319-84-6-----	alpha-BHC	700	U
319-85-7-----	beta-BHC	700	U
58-89-9-----	gamma-BHC (Lindane)	700	U
319-86-8-----	delta-BHC	700	U
57-74-9-----	Chlordane	700	U
72-54-8-----	4,4'-DDD	700	U
72-55-9-----	4,4'-DDE	700	U
50-29-3-----	4,4'-DDT	700	U
60-57-1-----	Dieldrin	700	U
959-98-8-----	Endosulfan I	700	U
33213-65-9----	Endosulfan II	700	U
1031-07-8-----	Endosulfan Sulfate	700	U
72-20-8-----	Endrin	700	U
7421-93-4-----	Endrin aldehyde	700	U
76-44-8-----	Heptachlor	700	U
1024-57-3-----	Heptachlor epoxide	700	U
72-43-5-----	Methoxychlor	700	U
8001-35-2-----	Toxaphene	1400	U
53494-70-5----	Endrin ketone	700	U <u>✓</u>

METHOD 8081 - TCL PESTICIDES
ANALYSIS DATA SHEET

000048

Client No.

RI SED 05

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A2517704

Sample wt/vol: 30.98 (g/mL) G

Lab File ID: RA17174.TX0

% Moisture: 68.1 decanted: (Y/N) Y

Date Samp/Recv: 05/21/2002 05/22/2002

Extraction: (SepF/Cont/Sonc/Soxh): SONC

Date Extracted: 05/24/2002

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 06/11/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 10.00

GPC Cleanup: (Y/N) N pH:

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) <u>UG/KG</u>	<u>Q</u>
309-00-2-----	Aldrin	51	U
319-84-6-----	alpha-BHC	51	U
319-85-7-----	beta-BHC	51	U
58-89-9-----	gamma-BHC (Lindane)	51	U
319-86-8-----	delta-BHC	51	U
57-74-9-----	Chlordane	80	U
72-54-8-----	4,4'-DDD	51	U
72-55-9-----	4,4'-DDE	51	U
50-29-3-----	4,4'-DDT	51	U
60-57-1-----	Dieldrin	51	U
959-98-8-----	Endosulfan I	51	U
33213-65-9----	Endosulfan II	51	U
1031-07-8-----	Endosulfan Sulfate	51	U
72-20-8-----	Endrin	51	U
7421-93-4-----	Endrin aldehyde	51	U
76-44-8-----	Heptachlor	51	U
1024-57-3-----	Heptachlor epoxide	51	U
72-43-5-----	Methoxychlor	80	U
8001-35-2-----	Toxaphene	160	U
53494-70-5----	Endrin ketone	51	U

METHOD 8081 - TCL PESTICIDES
ANALYSIS DATA SHEET

000046

Client No.

RI SED 06

Lab Name: STL Buffalo

Contract: _____

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

Matrix: (soil/water) SOIL

Lab Sample ID: A2517702

Sample wt/vol: 30.73 (g/mL) G

Lab File ID: RA17170.TX0

% Moisture: 85.5 decanted: (Y/N) Y

Date Samp/Recv: 05/21/2002 05/22/2002

Extraction: (SepF/Cont/Sonc/Soxh): SONC

Date Extracted: 05/24/2002

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 06/11/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 10.00

GPC Cleanup: (Y/N) N pH: _

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) <u>UG/KG</u>	<u>Q</u>
309-00-2-----	Aldrin	110	U
319-84-6-----	alpha-BHC	110	U
319-85-7-----	beta-BHC	110	U
58-89-9-----	gamma-BHC (Lindane)	110	U
319-86-8-----	delta-BHC	110	U
57-74-9-----	Chlordane	110	U
72-54-8-----	4,4'-DDD	110	U
72-55-9-----	4,4'-DDE	110	U
50-29-3-----	4,4'-DDT	110	U
60-57-1-----	Dieldrin	110	U
959-98-8-----	Endosulfan I	110	U
33213-65-9----	Endosulfan II	110	U
1031-07-8-----	Endosulfan Sulfate	110	U
72-20-8-----	Endrin	110	U
7421-93-4-----	Endrin aldehyde	110	U
76-44-8-----	Heptachlor	110	U
1024-57-3-----	Heptachlor epoxide	110	U
72-43-5-----	Methoxychlor	110	U
8001-35-2-----	Toxaphene	220	U
53494-70-5----	Endrin ketone	110	U

METHOD 8081 - TCL PESTICIDES
ANALYSIS DATA SHEET

000047

Client No.

RI SED 07

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A2517703

Sample wt/vol: 30.89 (g/mL) G

Lab File ID: RA17173.TX0

% Moisture: 84.1 decanted: (Y/N) Y

Date Samp/Recv: 05/21/2002 05/22/2002

Extraction: (SepF/Cont/Sonc/Soxh): SONC

Date Extracted: 05/24/2002

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 06/11/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 10.00

GPC Cleanup: (Y/N) N pH: _

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) <u>UG/KG</u>	<u>Q</u>
309-00-2-----	Aldrin	100	U
319-84-6-----	alpha-BHC	100	U
319-85-7-----	beta-BHC	100	U
58-89-9-----	gamma-BHC (Lindane)	100	U
319-86-8-----	delta-BHC	100	U
57-74-9-----	Chlordane	100	U
72-54-8-----	4,4'-DDD	100	U
72-55-9-----	4,4'-DDE	100	U
50-29-3-----	4,4'-DDT	100	U
60-57-1-----	Dieldrin	100	U
959-98-8-----	Endosulfan I	100	U
33213-65-9----	Endosulfan II	100	U
1031-07-8-----	Endosulfan Sulfate	100	U
72-20-8-----	Endrin	100	U
7421-93-4-----	Endrin aldehyde	100	U
76-44-8-----	Heptachlor	100	U
1024-57-3-----	Heptachlor epoxide	100	U
72-43-5-----	Methoxychlor	100	U
8001-35-2-----	Toxaphene	200	U
53494-70-5----	Endrin ketone	100	U

METHOD 8081 - TCL PESTICIDES
ANALYSIS DATA SHEET

000049

Client No.

RI SED 08

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A2517705

Sample wt/vol: 30.29 (g/mL) G

Lab File ID: RA17176.TX0

% Moisture: 65.3 decanted: (Y/N) Y

Date Samp/Recv: 05/21/2002 05/22/2002

Extraction: (SepF/Cont/Sonc/Soxh): SONC

Date Extracted: 05/24/2002

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 06/11/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 100.00

GPC Cleanup: (Y/N) N pH: _

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) <u>UG/KG</u>	<u>Q</u>
309-00-2-----	Aldrin	480	U
319-84-6-----	alpha-BHC	480	U
319-85-7-----	beta-BHC	480	U
58-89-9-----	gamma-BHC (Lindane)	480	U
319-86-8-----	delta-BHC	480	U
57-74-9-----	Chlordane	480	U
72-54-8-----	4,4'-DDD	480	U
72-55-9-----	4,4'-DDE	480	U
50-29-3-----	4,4'-DDT	480	U
60-57-1-----	Dieldrin	480	U
959-98-8-----	Endosulfan I	480	U
33213-65-9----	Endosulfan II	480	U
1031-07-8-----	Endosulfan Sulfate	480	U
72-20-8-----	Endrin	480	U
7421-93-4-----	Endrin aldehyde	480	U
76-44-8-----	Heptachlor	480	U
1024-57-3-----	Heptachlor epoxide	480	U
72-43-5-----	Methoxychlor	480	U
8001-35-2-----	Toxaphene	950	U
53494-70-5----	Endrin ketone	480	U

METHOD 8081 - TCL PESTICIDES
ANALYSIS DATA SHEET

000051

Client No.

RI SED 09

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A2517707

Sample wt/vol: 30.23 (g/mL) G Lab File ID: RA17178.TX0

% Moisture: 61.9 decanted: (Y/N) Y Date Samp/Recv: 05/21/2002 05/22/2002

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 05/24/2002

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 06/11/2002

Injection Volume: 1.00 (uL) Dilution Factor: 100.00

GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>UG/KG</u>	Q
309-00-2-----	Aldrin	430	U <u>J</u>
319-84-6-----	alpha-BHC	430	U
319-85-7-----	beta-BHC	430	U
58-89-9-----	gamma-BHC (Lindane)	430	U
319-86-8-----	delta-BHC	430	U
57-74-9-----	Chlordane	430	U
72-54-8-----	4,4'-DDD	430	U
72-55-9-----	4,4'-DDE	430	U
50-29-3-----	4,4'-DDT	430	U
60-57-1-----	Dieldrin	430	U
959-98-8-----	Endosulfan I	430	U
33213-65-9----	Endosulfan II	430	U
1031-07-8-----	Endosulfan Sulfate	430	U
72-20-8-----	Endrin	430	U
7421-93-4-----	Endrin aldehyde	430	U
76-44-8-----	Heptachlor	430	U
1024-57-3-----	Heptachlor epoxide	430	U
72-43-5-----	Methoxychlor	430	U
8001-35-2-----	Toxaphene	870	U
53494-70-5----	Endrin ketone	430	U <u>✓</u>

000308

METHOD 8081 - TCL PESTICIDES
ANALYSIS DATA SHEET

Client No.

RI SED-10

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____Matrix: (soil/water) SOILLab Sample ID: A2B69401Sample wt/vol: 30.74 (g/mL) GLab File ID: RB21775.TX0% Moisture: 75.9 decanted: (Y/N) NDate Samp/Recv: 11/21/2002 11/22/2002Extraction: (SepF/Cont/Sonc/Soxh): SONCDate Extracted: 11/25/2002Concentrated Extract Volume: 10000 (uL)Date Analyzed: 12/05/2002Injection Volume: 1.00 (uL)Dilution Factor: 5.00GPC Cleanup: (Y/N) N pH: _Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
309-00-2-----	Aldrin	34		U J
319-84-6-----	alpha-BHC	34		U
319-85-7-----	beta-BHC	34		U
58-89-9-----	gamma-BHC (Lindane)	34		U
319-86-8-----	delta-BHC	34		U
57-74-9-----	Chlordane	340		U
72-54-8-----	4,4'-DDD	34		U
72-55-9-----	4,4'-DDE	34		U
50-29-3-----	4,4'-DDT	34		U
60-57-1-----	Dieldrin	34		U
959-98-8-----	Endosulfan I	34		U
33213-65-9----	Endosulfan II	34		U
1031-07-8-----	Endosulfan Sulfate	34		U
72-20-8-----	Endrin	34		U
7421-93-4-----	Endrin aldehyde	34		U
76-44-8-----	Heptachlor	34		U
1024-57-3-----	Heptachlor epoxide	34		U
72-43-5-----	Methoxychlor	34		U
8001-35-2-----	Toxaphene	810		U
53494-70-5-----	Endrin ketone	34		U ✓

METHOD 8081 - TCL PESTICIDES
ANALYSIS DATA SHEET

000045

Client No.

RI SS-01

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A2517701

Sample wt/vol: 30.01 (g/mL) G

Lab File ID: RA17182.TX0

% Moisture: 28.6 decanted: (Y/N) N

Date Samp/Recv: 05/21/2002 05/22/2002

Extraction: (SepF/Cont/Sonc/Soxh): SONC

Date Extracted: 05/24/2002

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 06/11/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 100.00

GPC Cleanup: (Y/N) N pH: _

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) <u>UG/KG</u>	<u>Q</u>
309-00-2-----	Aldrin	230	U
319-84-6-----	alpha-BHC	230	U
319-85-7-----	beta-BHC	230	U
58-89-9-----	gamma-BHC (Lindane)	230	U
319-86-8-----	delta-BHC	230	U
57-74-9-----	Chlordane	230	U
72-54-8-----	4,4'-DDD	480	U
72-55-9-----	4,4'-DDE	2100	U
50-29-3-----	4,4'-DDT	370	U
60-57-1-----	Dieldrin	230	U
959-98-8-----	Endosulfan I	230	U
33213-65-9----	Endosulfan II	230	U
1031-07-8-----	Endosulfan Sulfate	230	U
72-20-8-----	Endrin	230	U
7421-93-4-----	Endrin aldehyde	230	U
76-44-8-----	Heptachlor	230	U
1024-57-3-----	Heptachlor epoxide	230	U
72-43-5-----	Methoxychlor	230	U
8001-35-2-----	Toxaphene	470	U
53494-70-5----	Endrin ketone	230	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

000065

Client No.

RI SED 01

Lab Name: STL Buffalo

Contract: _____

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

Matrix: (soil/water) SOIL

Lab Sample ID: A2517710

Sample wt/vol: 30.39 (g/mL) G

Lab File ID: SB03100.TX0

% Moisture: 73.5 decanted: (Y/N) Y

Date Samp/Recv: 05/21/2002 05/22/2002

Extraction: (SepF/Cont/Sonc/Soxh): SONC

Date Extracted: 05/24/2002

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 05/28/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 2.00

GPC Cleanup: (Y/N) N pH: _

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

12674-11-2----	Aroclor 1016	600	U	J
11104-28-2----	Aroclor 1221	600	U	
11141-16-5----	Aroclor 1232	600	U	
53469-21-9----	Aroclor 1242	600	U	
12672-29-6----	Aroclor 1248	600	U	
11097-69-1----	Aroclor 1254	1200	U	
11096-82-5----	Aroclor 1260	1200	U	↓

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

000064

Client No.

RI SED 02

Lab Name: STL Buffalo

Contract: _____

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

Matrix: (soil/water) SOIL

Lab Sample ID: A2517709

Sample wt/vol: 30.15 (g/mL) G

Lab File ID: SB03099.TX0

% Moisture: 70.7 decanted: (Y/N) Y

Date Samp/Recv: 05/21/2002 05/22/2002

Extraction: (SepF/Cont/Sonc/Soxh): SONC

Date Extracted: 05/24/2002

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 05/28/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _

Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

CAS NO.	COMPOUND		
12674-11-2----	Aroclor 1016	270	U <u>J</u>
11104-28-2----	Aroclor 1221	270	U <u> </u>
11141-16-5----	Aroclor 1232	270	U <u> </u>
53469-21-9----	Aroclor 1242	270	U <u> </u>
12672-29-6----	Aroclor 1248	270	U <u> </u>
11097-69-1----	Aroclor 1254	540	U <u> </u>
11096-82-5----	Aroclor 1260	540	U <u>↓</u>

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

000066

Client No.

RI SED FD

DVP & SED O2

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A2517711

Sample wt/vol: 30.60 (g/mL) G

Lab File ID: SB03101.TX0

% Moisture: 74.0 decanted: (Y/N) Y

Date Samp/Recv: 05/21/2002 05/22/2002

Extraction: (SepF/Cont/Sonc/Soxh): SONC

Date Extracted: 05/24/2002

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 05/28/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _

Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
12674-11-2----	Aroclor 1016	300	U J
11104-28-2----	Aroclor 1221	300	U
11141-16-5----	Aroclor 1232	300	U
53469-21-9----	Aroclor 1242	300	U
12672-29-6----	Aroclor 1248	300	U
11097-69-1----	Aroclor 1254	600	U
11096-82-5----	Aroclor 1260	600	U ↓

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

000063

Client No.

RI SED 03

Lab Name: STL Buffalo

Contract: _____

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

Matrix: (soil/water) SOIL

Lab Sample ID: A2517708

Sample wt/vol: 30.33 (g/mL) G

Lab File ID: SB03098.TX0

% Moisture: 61.9 decanted: (Y/N) Y

Date Samp/Recv: 05/21/2002 05/22/2002

Extraction: (SepF/Cont/Sonc/Soxh): SONC

Date Extracted: 05/24/2002

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 05/28/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 2.00

GPC Cleanup: (Y/N) N pH: _

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>UG/KG</u>	<u>Q</u>
12674-11-2----	Aroclor 1016	410	U J
11104-28-2----	Aroclor 1221	410	U
11141-16-5----	Aroclor 1232	410	U
53469-21-9----	Aroclor 1242	410	U
12672-29-6----	Aroclor 1248	410	U
11097-69-1----	Aroclor 1254	830	U
11096-82-5----	Aroclor 1260	830	U ↓

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

000061

Client No.

RI SED 04

Lab Name: STL Buffalo

Contract: _____

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

Matrix: (soil/water) SOIL

Lab Sample ID: A2517706

Sample wt/vol: 30.63 (g/mL) G

Lab File ID: SB03094.TX0

% Moisture: 76.8 decanted: (Y/N) Y

Date Samp/Recv: 05/21/2002 05/22/2002

Extraction: (SepF/Cont/Sonc/Soxh): SONC

Date Extracted: 05/24/2002

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 05/28/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

CAS NO.	COMPOUND		
12674-11-2----	Aroclor 1016	340	U
11104-28-2----	Aroclor 1221	340	U
11141-16-5----	Aroclor 1232	340	U
53469-21-9----	Aroclor 1242	340	U
12672-29-6----	Aroclor 1248	340	U
11097-69-1----	Aroclor 1254	680	U
11096-82-5----	Aroclor 1260	71	J

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

000059

Client No.

RI SED 05

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A2517704

Sample wt/vol: 30.50 (g/mL) G Lab File ID: SB03092.TX0

% Moisture: 68.1 decanted: (Y/N) Y Date Samp/Recv: 05/21/2002 05/22/2002

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 05/24/2002

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 05/28/2002

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

12674-11-2----	Aroclor 1016	250	U	J
11104-28-2----	Aroclor 1221	250	U	
11141-16-5----	Aroclor 1232	250	U	
53469-21-9----	Aroclor 1242	250	U	
12672-29-6----	Aroclor 1248	250	U	
11097-69-1----	Aroclor 1254	490	U	
11096-82-5----	Aroclor 1260	64	J	↓

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

000057

Client No.

RI SED 06

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A2517702

Sample wt/vol: 30.93 (g/mL) G

Lab File ID: SB03088.TX0

% Moisture: 85.5 decanted: (Y/N) Y

Date Samp/Recv: 05/21/2002 05/22/2002

Extraction: (SepF/Cont/Sonc/Soxh): SONC

Date Extracted: 05/24/2002

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 05/28/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH:

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

CAS NO.	COMPOUND		
12674-11-2----	Aroclor 1016	540	U
11104-28-2----	Aroclor 1221	540	U
11141-16-5----	Aroclor 1232	540	U
53469-21-9----	Aroclor 1242	540	U
12672-29-6----	Aroclor 1248	540	U
11097-69-1----	Aroclor 1254	1100	U
11096-82-5----	Aroclor 1260	120	J

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

000058

Client No.

RI SED 07

Lab Name: STL Buffalo

Contract: _____

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

Matrix: (soil/water) SOIL

Lab Sample ID: A2517703

Sample wt/vol: 30.09 (g/mL) G

Lab File ID: SB03091.TX0

% Moisture: 84.1 decanted: (Y/N) Y

Date Samp/Recv: 05/21/2002 05/22/2002

Extraction: (SepF/Cont/Sonc/Soxh): SONC

Date Extracted: 05/24/2002

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 05/28/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
12674-11-2----	Aroclor 1016	500	U J
11104-28-2----	Aroclor 1221	500	U
11141-16-5----	Aroclor 1232	500	U
53469-21-9----	Aroclor 1242	500	U
12672-29-6----	Aroclor 1248	500	U
11097-69-1----	Aroclor 1254	1000	U
11096-82-5----	Aroclor 1260	120	J

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

000060

Client No.

RI SED 08

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: A2517705

Sample wt/vol: 30.32 (g/mL) G

Lab File ID: SB03093.TX0

% Moisture: 65.3 decanted: (Y/N) Y

Date Samp/Recv: 05/21/2002 05/22/2002

Extraction: (SepF/Cont/Sonc/Soxh): SONC

Date Extracted: 05/24/2002

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 05/28/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH:

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
12674-11-2----	Aroclor 1016	230	U
11104-28-2----	Aroclor 1221	230	U
11141-16-5----	Aroclor 1232	230	U
53469-21-9----	Aroclor 1242	230	U
12672-29-6----	Aroclor 1248	230	U
11097-69-1----	Aroclor 1254	460	U
11096-82-5----	Aroclor 1260	540	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

000062

Client No.

RI SED 09

Lab Name: STL Buffalo

Contract: _____

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

Matrix: (soil/water) SOIL

Lab Sample ID: A2517707

Sample wt/vol: 30.12 (g/mL) G

Lab File ID: SB03095.TX0

% Moisture: 61.9 decanted: (Y/N) Y

Date Samp/Recv: 05/21/2002 05/22/2002

Extraction: (SepF/Cont/Sonc/Soxh): SONC

Date Extracted: 05/24/2002

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 05/28/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _

Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

CAS NO.	COMPOUND		
12674-11-2----	Aroclor 1016	210	U J
11104-28-2----	Aroclor 1221	210	U
11141-16-5----	Aroclor 1232	210	U
53469-21-9----	Aroclor 1242	210	U
12672-29-6----	Aroclor 1248	210	U
11097-69-1----	Aroclor 1254	420	U
11096-82-5----	Aroclor 1260	120	J

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

000021

Client No.

RI SED-10

Lab Name: STL Buffalo

Contract: _____

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

Matrix: (soil/water) SOIL

Lab Sample ID: A2B69401

Sample wt/vol: 30.08 (g/mL) G

Lab File ID: LA10134.TX0

% Moisture: 75.9 decanted: (Y/N) N

Date Samp/Recv: 11/21/2002 11/22/2002

Extraction: (SepF/Cont/Sonc/Soxh): SONC

Date Extracted: 11/26/2002

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 11/27/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

CAS NO.	COMPOUND			
12674-11-2----	Aroclor 1016	69	140	U J
11104-28-2----	Aroclor 1221		140	U
11141-16-5----	Aroclor 1232		140	U
53469-21-9----	Aroclor 1242		140	U
12672-29-6----	Aroclor 1248	↓	140	U
11097-69-1----	Aroclor 1254		180	
11096-82-5----	Aroclor 1260	69	140	U ✓

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

000056

Client No.

RI SS-01

Lab Name: STL Buffalo

Contract: _____

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

Matrix: (soil/water) SOIL

Lab Sample ID: A2517701

Sample wt/vol: 30.37 (g/mL) G

Lab File ID: SB03087.TX0

% Moisture: 28.6 decanted: (Y/N) Y

Date Samp/Recv: 05/21/2002 05/22/2002

Extraction: (SepF/Cont/Sonc/Soxh): SONC

Date Extracted: 05/24/2002

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 05/28/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 10.00

GPC Cleanup: (Y/N) N pH:

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

CAS NO.	COMPOUND		
12674-11-2----	Aroclor 1016	1100	U
11104-28-2----	Aroclor 1221	1100	U
11141-16-5----	Aroclor 1232	1100	U
53469-21-9----	Aroclor 1242	1100	U
12672-29-6----	Aroclor 1248	1100	U
11097-69-1----	Aroclor 1254	2200	U
11096-82-5----	Aroclor 1260	2200	U

O'BRIEN & GERE ENGINEERS, INC.

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

RI SED 01

Contract: NY01-488

Lab Code: STLBFLO

Case No.: _____

SAS No.: _____

SDG NO.: A02-5177

Matrix (soil/water): SOIL

Lab Sample ID: AD209502

Level (low/med): LOW

Date Received: 5/22/02

% Solids: 27

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1610		N J	P
7440-36-0	Antimony	1.4	U	N	P
7440-38-2	Arsenic	6.5		N	P
7440-39-3	Barium	58.4	B	N	P
7440-41-7	Beryllium	0.11	B		P
7440-43-9	Cadmium	4.5		N	P
7440-70-2	Calcium	26900		N	P
7440-47-3	Chromium	23.0		N	P
7440-48-4	Cobalt	2.3	B		P
7440-50-8	Copper	39.4		N	P
7439-89-6	Iron	12200			P
7439-92-1	Lead	142		N	P
7439-95-4	Magnesium	5310		N	P
7439-96-5	Manganese	155			P
7440-02-0	Nickel	11.0	B	N	P
7440-09-7	Potassium	585	B		P
7782-49-2	Selenium	2.3			P
7439-97-6	Mercury	0.216			CV
7440-22-4	Silver	0.33	U		P
7440-23-5	Sodium	441	B	U	P
7440-28-0	Thallium	2.0	U	N	P
7440-62-2	Vanadium	11.3	B	N	P
7440-66-6	Zinc	878			✓ P

Color Before: BLACK

Clarity Before: N/A

Texture: SILT

Color After: BLACK

Clarity After: CLOUDY

Artifacts: _____

Comments: _____

O'BRIEN & GERE ENGINEERS, INC.

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

RI SED 02

Contract: NY01-488

Lab Code: STLBFL0

Case No.:

SAS No.:

SDG NO.: A02-5177

Matrix (soil/water): SOIL

Lab Sample ID: AD209501

Level (low/med): LOW

Date Received: 5/22/02

% Solids: 29

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	6940		N J	P
7440-36-0	Antimony	1.8	B	N	P
7440-38-2	Arsenic	7.9		N	P
7440-39-3	Barium	154		N	P
7440-41-7	Beryllium	0.39	B		P
7440-43-9	Cadmium	1.5	B	N	P
7440-70-2	Calcium	43300		N	P
7440-47-3	Chromium	21.7		N	P
7440-48-4	Cobalt	5.6	B		P
7440-50-8	Copper	66.0		N	P
7439-89-6	Iron	19600			P
7439-92-1	Lead	289		N	P
7439-95-4	Magnesium	11200		N	P
7439-96-5	Manganese	329			P
7440-02-0	Nickel	16.4		N	P
7440-09-7	Potassium	1780			P
7782-49-2	Selenium	2.6			P
7439-97-6	Mercury	0.349			CV
7440-22-4	Silver	0.31	U		P
7440-23-5	Sodium	518	B U		P
7440-28-0	Thallium	1.8	U	N	P
7440-62-2	Vanadium	21.1		N	P
7440-66-6	Zinc	615			P

Color Before: BLACK

Clarity Before: N/A

Texture: SILT

Color After: BLACK

Clarity After: CLOUDY

Artifacts:

Comments:

O'BRIEN & GERE ENGINEERS, INC.

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

RI SED FD

Contract: NY01-488

Lab Code: STLBFL0

Case No.:

SAS No.:

SDG NO.: A02-5177

Matrix (soil/water): SOIL

Lab Sample ID: AD209503

Level (low/med): LOW

Date Received: 5/22/02

% Solids: 26

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	8360		N J	P
7440-36-0	Antimony	2.3	B	N	P
7440-38-2	Arsenic	9.5		N	P
7440-39-3	Barium	182		N	P
7440-41-7	Beryllium	0.49	B		P
7440-43-9	Cadmium	1.6	B	N	P
7440-70-2	Calcium	53700		N	P
7440-47-3	Chromium	26.3		N	P
7440-48-4	Cobalt	6.9	B		P
7440-50-8	Copper	79.4		N	P
7439-89-6	Iron	23700			P
7439-92-1	Lead	353		N	P
7439-95-4	Magnesium	13900		N	P
7439-96-5	Manganese	407			P
7440-02-0	Nickel	20.6		N	P
7440-09-7	Potassium	2070			P
7782-49-2	Selenium	3.2			P
7439-97-6	Mercury	0.547			CV
7440-22-4	Silver	0.35	U		P
7440-23-5	Sodium	613	B	U	P
7440-28-0	Thallium	2.0	U	N	P
7440-62-2	Vanadium	25.1		N	P
7440-66-6	Zinc	725			P

Color Before: BLACK

Clarity Before: N/A

Texture: SILT

Color After: BLACK

Clarity After: CLOUDY

Artifacts:

Comments:

O'BRIEN & GERE ENGINEERS, INC.

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

RI SED 03

Contract: NY01-488

Lab Code: STLBFO

Case No.:

SAS No.:

SDG NO.: A02-5177

Matrix (soil/water): SOIL

Lab Sample ID: AD209500

Level (low/med): LOW

Date Received: 5/22/02

% Solids: 38

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	2070		N J	P
7440-36-0	Antimony	6.4	B	N	P
7440-38-2	Arsenic	9.1		N	P
7440-39-3	Barium	165		N	P
7440-41-7	Beryllium	0.14	B		P
7440-43-9	Cadmium	1.2	B	N	P
7440-70-2	Calcium	14000		N	P
7440-47-3	Chromium	8.7		N	P
7440-48-4	Cobalt	2.8	B		P
7440-50-8	Copper	31.8		N	P
7439-89-6	Iron	37800			P
7439-92-1	Lead	102		N	P
7439-95-4	Magnesium	2880		N	P
7439-96-5	Manganese	110			P
7440-02-0	Nickel	14.2		N	P
7440-09-7	Potassium	590	B		P
7782-49-2	Selenium	2.6			P
7440-22-4	Silver	0.24	U		P
7439-97-6	Mercury	0.622			CV
7440-23-5	Sodium	235	B	U	P
7440-28-0	Thallium	1.4	U	N	P
7440-62-2	Vanadium	7.6	B	N	P
7440-66-6	Zinc	1060		✓	P

Color Before: BLACK

Clarity Before: N/A

Texture: SILT

Color After: BLACK

Clarity After: CLOUDY

Artifacts:

Comments:

O'BRIEN & GERE ENGINEERS, INC.

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

RI SED 04

Contract: NY01-488

Lab Code: STLBFLO

Case No.:

SAS No.:

SDG NO.: A02-5177

Matrix (soil/water): SOIL

Lab Sample ID: AD209498

Level (low/med): LOW

Date Received: 5/22/02

% Solids: 23

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3990		N J	P
7440-36-0	Antimony	7.0	B	N	P
7440-38-2	Arsenic	66.8		N	P
7440-39-3	Barium	464		N	P
7440-41-7	Beryllium	0.30	B		P
7440-43-9	Cadmium	4.9		N	P
7440-70-2	Calcium	28000		N	P
7440-47-3	Chromium	59.8		N	P
7440-48-4	Cobalt	8.1	B		P
7440-50-8	Copper	97.4		N	P
7439-89-6	Iron	119000			P
7439-92-1	Lead	156		N	P
7439-95-4	Magnesium	5660		N	P
7439-96-5	Manganese	699			P
7440-02-0	Nickel	31.2		N	P
7440-09-7	Potassium	1110	B		P
7782-49-2	Selenium	5.3			P
7440-22-4	Silver	3.3	B		P
7439-97-6	Mercury	0.390			CV
7440-23-5	Sodium	562	B	U	P
7440-28-0	Thallium	2.2	U	N	P
7440-62-2	Vanadium	23.9		N	P
7440-66-6	Zinc	1700			P

Color Before: BLACK

Clarity Before: N/A

Texture: SILT

Color After: BLACK

Clarity After: CLOUDY

Artifacts:

Comments:

O'BRIEN & GERE ENGINEERS, INC.

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

RI SED 05

Contract: NY01-488

Lab Code: STLBFLO

Case No.:

SAS No.:

SDG NO.: A02-5177

Matrix (soil/water): SOIL

Lab Sample ID: AD209496

Level (low/med): LOW

Date Received: 5/22/02

% Solids: 32

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	7910		N J	P
7440-36-0	Antimony	5.5	B	N	P
7440-38-2	Arsenic	12.8		N	P
7440-39-3	Barium	136		N	P
7440-41-7	Beryllium	0.39	B		P
7440-43-9	Cadmium	5.5		N	P
7440-70-2	Calcium	12500		N	P
7440-47-3	Chromium	70.5		N	P
7440-48-4	Cobalt	25.3			P
7440-50-8	Copper	34.5		N	P
7439-89-6	Iron	17100			P
7439-92-1	Lead	113		N	P
7439-95-4	Magnesium	5640		N	P
7439-96-5	Manganese	1280			P
7440-02-0	Nickel	74.7		N	P
7440-09-7	Potassium	1400	B		P
7782-49-2	Selenium	1.5	B		P
7440-22-4	Silver	2.2	B		P
7439-97-6	Mercury	0.307			CV
7440-23-5	Sodium	236	X	U	P
7440-28-0	Thallium	1.7	U	N	P
7440-62-2	Vanadium	18.2		N	P
7440-66-6	Zinc	184			P

Color Before: BLACK

Clarity Before: N/A

Texture: SILT

Color After: BROWN

Clarity After: CLOUDY

Artifacts:

Comments:

O'BRIEN & GERE ENGINEERS, INC.

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

RI SED 06

Contract: NY01-488

Lab Code: STLBFLO

Case No.:

SAS No.:

SDG NO.: A02-5177

Matrix (soil/water): SOIL

Lab Sample ID: AD209492

Level (low/med): LOW

Date Received: 5/22/02

% Solids: 14

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	14400		N J	P
7440-36-0	Antimony	33.0	B	N	P
7440-38-2	Arsenic	113		N	P
7440-39-3	Barium	391		N	P
7440-41-7	Beryllium	0.84	B		P
7440-43-9	Cadmium	85.7		N	P
7440-70-2	Calcium	27600		N	P
7440-47-3	Chromium	209		N	P
7440-48-4	Cobalt	30.5	B		P
7440-50-8	Copper	139		N	P
7439-89-6	Iron	45400			P
7439-92-1	Lead	183		N	P
7439-95-4	Magnesium	6060		N	P
7439-96-5	Manganese	1640			P
7440-02-0	Nickel	78.7		N	P
7440-09-7	Potassium	2600	B		P
7782-49-2	Selenium	6.9			P
7440-22-4	Silver	6.3	B		P
7439-97-6	Mercury	0.889			CV
7440-23-5	Sodium	746	B	U	P
7440-28-0	Thallium	3.7	U	N	P
7440-62-2	Vanadium	60.3		N	P
7440-66-6	Zinc	812			P

Color Before: BLACK

Clarity Before: N/A

Texture: SILT

Color After: BROWN

Clarity After: CLOUDY

Artifacts:

Comments:

O'BRIEN & GERE ENGINEERS, INC.

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

RI SED 07

Contract: NY01-488

Lab Code: STLBFLO

Case No.:

SAS No.:

SDG NO.: A02-5177

Matrix (soil/water): SOIL

Lab Sample ID: AD209495

Level (low/med): LOW

Date Received: 5/22/02

% Solids: 16

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	10100		N J	P
7440-36-0	Antimony	25.6	B	N	P
7440-38-2	Arsenic	102		N	P
7440-39-3	Barium	456		N	P
7440-41-7	Beryllium	0.61	B		P
7440-43-9	Cadmium	60.1		N	P
7440-70-2	Calcium	22100		N	P
7440-47-3	Chromium	159		N	P
7440-48-4	Cobalt	20.2	B		P
7440-50-8	Copper	103		N	P
7439-89-6	Iron	35700			P
7439-92-1	Lead	134		N	P
7439-95-4	Magnesium	4610		N	P
7439-96-5	Manganese	1430			P
7440-02-0	Nickel	58.9		N	P
7440-09-7	Potassium	1890	B		P
7782-49-2	Selenium	7.2			P
7440-22-4	Silver	4.4	B		P
7439-97-6	Mercury	0.284			CV
7440-23-5	Sodium	561	B U		P
7440-28-0	Thallium	3.3	U	N	P
7440-62-2	Vanadium	47.2		N	P
7440-66-6	Zinc	646			✓ P

Color Before: BLACK

Clarity Before: N/A

Texture: SILT

Color After: BROWN

Clarity After: CLOUDY

Artifacts:

Comments:

O'BRIEN & GERE ENGINEERS, INC.

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

RI SED 08

Contract: NY01-488

Lab Code: STLBFLO

Case No.: _____

SAS No.: _____

SDG NO.: A02-5177

Matrix (soil/water): SOIL

Lab Sample ID: AD209497

Level (low/med): LOW

Date Received: 5/22/02

% Solids: 35

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	5690		N J	P
7440-36-0	Antimony	5.0	B	N	P
7440-38-2	Arsenic	46.7		N	P
7440-39-3	Barium	433		N	P
7440-41-7	Beryllium	0.41	B		P
7440-43-9	Cadmium	7.4		N	P
7440-70-2	Calcium	47300		N	P
7440-47-3	Chromium	117		N	P
7440-48-4	Cobalt	12.5	B		P
7440-50-8	Copper	609		N	P
7439-89-6	Iron	23700			P
7439-92-1	Lead	331		N	P
7439-95-4	Magnesium	12100		N	P
7439-96-5	Manganese	536			P
7440-02-0	Nickel	61.7		N	P
7440-09-7	Potassium	1090	B		P
7782-49-2	Selenium	3.0			P
7440-22-4	Silver	3.5			P
7439-97-6	Mercury	0.338			CV
7440-23-5	Sodium	349	B U		P
7440-28-0	Thallium	1.6	U	N	P
7440-62-2	Vanadium	30.7		N	P
7440-66-6	Zinc	828		✓	P

Color Before: BLACK

Clarity Before: N/A

Texture: SILT

Color After: BLACK

Clarity After: CLOUDY

Artifacts: _____

Comments: _____

O'BRIEN & GERE ENGINEERS, INC.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

RI SED 09

Contract: NY01-488

Lab Code: STLBFLO

Case No.:

SAS No.:

SDG NO.: A02-5177

Matrix (soil/water): SOIL

Lab Sample ID: AD209499

Level (low/med): LOW

Date Received: 5/22/02

% Solids: 38

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	6320		N J	P
7440-36-0	Antimony	5.9	B	N	P
7440-38-2	Arsenic	48.2		N	P
7440-39-3	Barium	259		N	P
7440-41-7	Beryllium	0.51	B		P
7440-43-9	Cadmium	41.1		N	P
7440-70-2	Calcium	69000		N	P
7440-47-3	Chromium	95.3		N	P
7440-48-4	Cobalt	17.9			P
7440-50-8	Copper	150		N	P
7439-89-6	Iron	26300			P
7439-92-1	Lead	187		N	P
7439-95-4	Magnesium	18700		N	P
7439-96-5	Manganese	3230			P
7440-02-0	Nickel	60.2		N	P
7440-09-7	Potassium	1390			P
7782-49-2	Selenium	2.1			P
7440-22-4	Silver	3.4			P
7439-97-6	Mercury	0.278			CV
7440-23-5	Sodium	318		P U	P
7440-28-0	Thallium	1.4	U	N	P
7440-62-2	Vanadium	26.4		N	P
7440-66-6	Zinc	802			P

Color Before: BLACK

Clarity Before: N/A

Texture: SILT

Color After: BLACK

Clarity After: CLOUDY

Artifacts:

Comments:

O'BRIEN & GERE ENGINEERS, INC.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

RI SED-10

Contract: NY01-488

Lab Code: STLBFLO

Case No.:

SAS No.:

SDG NO.: A02-B694

Matrix (soil/water): SOIL

Lab Sample ID: AD242765

Level (low/med): LOW

Date Received: 11/22/02

% Solids: 24

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	6300		J	P
7440-36-0	Antimony	3.7	B		P
7440-38-2	Arsenic	13.1			P
7440-39-3	Barium	145			P
7440-41-7	Beryllium	0.56	B		P
7440-43-9	Cadmium	2.0			P
7440-70-2	Calcium	75000			P
7440-47-3	Chromium	31.8			P
7440-48-4	Cobalt	9.8	B		P
7440-50-8	Copper	125			P
7439-89-6	Iron	28100			P
7439-92-1	Lead	203			P
7439-95-4	Magnesium	15900			P
7439-96-5	Manganese	915			P
7440-02-0	Nickel	23.1			P
7440-09-7	Potassium	1440	B		P
7782-49-2	Selenium	4.8			P
7440-22-4	Silver	0.46	B		P
7439-97-6	Mercury	0.284			CV
7440-23-5	Sodium	493	B		P
7440-28-0	Thallium	1.6	U		P
7440-62-2	Vanadium	24.1			P
7440-66-6	Zinc	1060		✓	P

Color Before: BLACK

Clarity Before: N/A

Texture: PEAT

Color After: BLACK

Clarity After: CLOUDY

Artifacts:

Comments:

O'BRIEN & GERE ENGINEERS, INC.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

RI SS-01

Contract: NY01-488

Lab Code: STLBFLO

Case No.: _____

SAS No.: _____

SDG NO.: A02-5177

Matrix (soil/water): SOIL

Lab Sample ID: AD209491

Level (low/med): LOW

Date Received: 5/22/02

% Solids: 71

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	7530		N J	P
7440-36-0	Antimony	1.2	B	N J	P
7440-38-2	Arsenic	7.5		N J	P
7440-39-3	Barium	32.2		N J	P
7440-41-7	Beryllium	0.24	B		P
7440-43-9	Cadmium	0.39	B	N J	P
7440-70-2	Calcium	2560		N J	P
7440-47-3	Chromium	6.3		N J	P
7440-48-4	Cobalt	2.5	B		P
7440-50-8	Copper	12.7		N J	P
7439-89-6	Iron	7830			P
7439-92-1	Lead	47.1		N J	P
7439-95-4	Magnesium	1040		N J	P
7439-96-5	Manganese	96.9			P
7440-02-0	Nickel	5.1	B	N J	P
7440-09-7	Potassium	549	B		P
7782-49-2	Selenium	0.59	U		P
7440-22-4	Silver	0.18	B		P
7439-97-6	Mercury	0.098			CV
7440-23-5	Sodium	91.6			P
7440-28-0	Thallium	0.71	U	N J	P
7440-62-2	Vanadium	12.2		N J	P
7440-66-6	Zinc	54.0			P

Color Before: BROWN

Clarity Before: N/A

Texture: SILT

Color After: BROWN

Clarity After: CLOUDY

Artifacts: _____

Comments: _____

Wet Chemistry Analysis

001283

Client Sample No.

Lab Name: STL Buffalo

Contract: _____

RI SED 01

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix (soil/water): SOILLab Sample ID: A2517710% Solids: 26.5Date Samp/Recv: 05/21/2002 05/22/2002

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	MG/KG	1.1		J		9012A	05/29/2002
Leachable pH	S.U.	7.27				9045	05/23/2002

Comments:

Wet Chemistry Analysis

001282

Client Sample No.

RI SED 02

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix (soil/water): SOILLab Sample ID: A2517709% Solids: 29.3Date Samp/Recv: 05/21/2002 05/22/2002

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total _____	MG/KG	3.2	1.0	U	J	9012A	05/29/2002
Leachable pH _____	S.U.	7.32				9045	05/23/2002

Comments:

Wet Chemistry Analysis

001284

Client Sample No.

Lab Name: STL Buffalo

Contract: _____

RI SED FD

Lab Code: RECNY

Case No.: _____

SAS No.: _____

Dup of SED 02
SDG No.: _____Matrix (soil/water): SOILLab Sample ID: A2517711% Solids: 26.0Date Samp/Recv: 05/21/2002 05/22/2002

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	MG/KG	1.4		J		9012A	05/29/2002
Leachable pH	S.U.	7.51				9045	05/23/2002

Comments:

Wet Chemistry Analysis

001281
Client Sample No.

RI SED 03

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECN

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix (soil/water): SOILLab Sample ID: A2517708% Solids: 38.2Date Samp/Recv: 05/21/2002 05/22/2002

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	MG/KG	2.8		J		9012A	05/29/2002
Leachable pH	S.U.	7.47				9045	05/23/2002

Comments:

Wet Chemistry Analysis

Client Sample No. **001279**

RI SED 04

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECN

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix (soil/water): SOILLab Sample ID: A2517706% Solids: 23.2Date Samp/Recv: 05/21/2002 05/22/2002

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	MG/KG	3.4		J		9012A	05/29/2002
Leachable pH	S.U.	7.44				9045	05/23/2002

Comments:

Wet Chemistry Analysis

001277

Client Sample No.

RI SED 05

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix (soil/water): SOILLab Sample ID: A2517704% Solids: 31.9Date Samp/Recv: 05/21/2002 05/22/2002

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total _____	MG/KG	3.1 1.0	U	J		9012A	05/29/2002
Leachable pH _____	S.U.	7.68				9045	05/23/2002

Comments:

Wet Chemistry Analysis

001273

Client Sample No.

RI SED 06

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix (soil/water): SOILLab Sample ID: A2517702% Solids: 14.5Date Samp/Recv: 05/21/2002 05/22/2002

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total _____	MG/KG	6.6	U	J		9012A	05/29/2002
Leachable pH _____	S.U.	7.44				9045	05/23/2002

Comments:

Wet Chemistry Analysis

Client Sample No.

RI SED 07

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECN

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix (soil/water): SOILLab Sample ID: A2517703% Solids: 15.9Date Samp/Recv: 05/21/2002 05/22/2002

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	MG/KG	5.7	U	J		9012A	05/29/2002
Leachable pH	S.U.	7.44				9045	05/23/2002

Comments:

Wet Chemistry Analysis

001278

Client Sample No.

RI SED 08

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix (soil/water): SOILLab Sample ID: A2517705% Solids: 34.7Date Samp/Recv: 05/21/2002 05/22/2002

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	MG/KG	2.7	U	J		9012A	05/29/2002
Leachable pH	S.U.	7.53				9045	05/23/2002

Comments:

Wet Chemistry Analysis

Client Sample No. **001280**

RI SED 09

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECN

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix (soil/water): SOILLab Sample ID: A2517707% Solids: 38.1Date Samp/Recv: 05/21/2002 05/22/2002

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	MG/KG	2.2 1.0	U	J		9012A	05/29/2002
Leachable pH	S.U.	7.52				9045	05/23/2002

Comments:

Wet Chemistry Analysis

000023

Client Sample No.

RI SED-10

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix (soil/water): SOILLab Sample ID: A2B69401% Solids: 24.1Date Samp/Recv: 11/21/2002 11/22/2002

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	MG/KG	2.1 1.0	U	J		9012A	11/27/2002

Comments:

Wet Chemistry Analysis

001272
Client Sample No.Lab Name: STL Buffalo

Contract: _____

RI SS-01

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix (soil/water): SOILLab Sample ID: A2517701% Solids: 71.5Date Samp/Recv: 05/21/2002 05/22/2002

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total _____	MG/KG	1.3 1.0	U	J		9012A	05/29/2002
Leachable pH _____	S.U.	6.62				9045	05/23/2002

Comments:

Subsurface Soil Analytical Results

**Subsurface Soil Quality Data
Volatile Organic Compound Results**

Appendix N-1
Subsurface Soil Quality Data
Volatile Organic Compound Results

Old Erie Canal Site
Clyde, New York

Compound	SS-GP-7 (0'-4')S-1 4/24/02	SS-GP-16 (8'-12')S-9 5/2/02	SS-GP-20 (12'-16')S-3 5/1/02	SS-X-2 (Dup. of GP-20) 5/1/02	SS-GP-25 (8'-12')S-7 4/26/02
Acetone	15 U	1360 U	1600 U	1540 U	1400 U
Benzene	15 U	1360 U	1600 U	1540 U	1400 U
Bromodichloromethane	15 U	1360 U	1600 U	1540 U	1400 U
Bromoform	15 U	1360 U	1600 U	1540 U	1400 U
Bromomethane	15 U	1360 U	1600 U	1540 U	1400 U
2-Butanone	15 U	1360 U	1600 U	1540 U	1400 U
Carbon disulfide	15 U	1360 U	1600 U	1540 U	1400 U
Carbon tetrachloride	15 U	1360 U	1600 U	1540 U	1400 U
Chlorobenzene	15 U	1360 U	1600 U	1540 U	1400 U
Chloroethane	15 U	1360 U	1600 U	1540 U	1400 U
Chloroform	15 U	1360 U	1600 U	1540 U	1400 U
Chloromethane	15 U	1360 U	1600 U	1540 U	1400 U
Dibromochloromethane	15 U	1360 U	1600 U	1540 U	1400 U
1,1-Dichloroethane	15 U	1360 U	1600 U	1540 U	1400 U
1,2-Dichloroethane	15 U	1360 U	1600 U	1540 U	1400 U
1,1-Dichloroethene	15 U	1360 U	1600 U	1540 U	1400 U
cis-1,2-Dichloroethene	15 U	1400	8900	14000	700 J
trans-1,2-Dichloroethene	15 U	1360 U	1600 U	1540 U	1400 U
1,2-Dichloropropane	15 U	1360 U	1600 U	1540 U	1400 U
cis-1,3-Dichloropropene	15 U	1360 U	1600 U	1540 U	1400 U
trans-1,3-Dichloropropene	15 U	1360 U	1600 U	1540 U	1400 U
Ethylbenzene	15 U	1360 U	1600 U	190 J	1400 U
2-Hexanone	15 U	1360 U	1600 U	1540 U	1400 U
Methylene chloride	30	1360 U	1600 U	1540 U	1400 U
4-Methyl-2-pentanone	15 U	1360 U	1600 U	1540 U	1400
Styrene	15 U	1360 U	1600 U	1540 U	1400 U
1,1,2,2-Tetrachloroethane	15 U	1360 U	1600 U	1540 U	1400 U
Tetrachloroethene	15 U	1360 U	1600 U	1540 U	1400 U
Toluene	15 U	1360 U	4300 B	5800 U	1400 U
1,1,1-Trichloroethane	15 U	1360 U	1600 U	1540 U	1400 U
1,1,2-Trichloroethane	15 U	1360 U	1600 U	1540 U	1400 U
Trichloroethene	15 U	2100	1600 U	590 J	4700
Vinyl chloride	15 U	1360 U	460 J	1200 J	1400 U
Xylene (total)	15 U	1875 U	1600 U	1540 U	1400 U

Notes:

1. All units in ug/kg.
2. All analyses performed by Severn Trent Laboratories, Inc. of Buffalo, New York.
3. Volatile organic compounds quantitated by EPA SW-846 Method 8260B.
4. "U" designates that the compound was not detected at or above the quantitation limit shown.
5. "J" designates that the detected concentration should be considered estimated because associated QC criteria was exceeded.

Appendix N-1
Subsurface Soil Quality Data
Volatile Organic Compound Results

Old Erie Canal Site
Clyde, New York

Compound	SS-GP-26 (12'-14')S-4 4/30/02	SS-GP-32 (12'-16')S-6 4/23/02	SS-GP-33 (12'-16')S-5 4/30/02	SS-GP-39 (8'-12'BS)S-2 4/22/02
Acetone	81 U	1350 U	53 U	12 U
Benzene	12 U	1350 U	53 U	12 U
Bromodichloromethane	12 U	1350 U	53 U	12 U
Bromoform	12 U	1350 U	53 U	12 U
Bromomethane	12 U	1350 U	53 U	12 U
2-Butanone	12 U	1350 U	11 U	12 U
Carbon disulfide	12 U	1350 U	53 U	12 U
Carbon tetrachloride	12 U	1350 U	53 U	12 U
Chlorobenzene	12 U	1350 U	53 U	12 U
Chloroethane	12 U	1350 U	53 U	12 U
Chloroform	12 U	1350 U	53 U	12 U
Chloromethane	12 U	1350 U	53 U	12 U
Dibromochloromethane	12 U	1350 U	53 U	12 U
1,1-Dichloroethane	12 U	1350 U	53 U	12 U
1,2-Dichloroethane	12 U	1350 U	53 U	12 U
1,1-Dichloroethene	12 U	1350 U	53 U	12 U
cis-1,2-Dichloroethene	14	2400	250	12 U
trans-1,2-Dichloroethene	12 U	1350 U	53 U	12 U
1,2-Dichloropropane	12 U	1350 U	53 U	12 U
cis-1,3-Dichloropropene	12 U	1350 U	53 U	12 U
trans-1,3-Dichloropropene	12 U	1350 U	53 U	12 U
Ethylbenzene	2 J	1350 U	53 U	12 U
2-Hexanone	12 U	1350 U	53 U	12 U
Methylene chloride	89	180 J	200	12 U
4-Methyl-2-pentanone	12 U	1350 U	11 U	12 U
Styrene	12 U	1350 U	53 U	12 U
1,1,2,2-Tetrachloroethane	12 U	1350 U	53 U	12 U
Tetrachloroethene	12 U	1350 U	53 U	12 U
Toluene	12 U	1350 U	53 U	12 U
1,1,1-Trichloroethane	12 U	1350 U	53 U	12 U
1,1,2-Trichloroethane	12 U	1350 U	53 U	12 U
Trichloroethene	6 J	1350 U	9 J	12 U
Vinyl chloride	84	200 J	25 J	12 U
Xylene (total)	12 U	1350 U	15 U	15 U

Notes:

1. All units in ug/kg.
2. All analyses performed by Severn Trent Laboratories, Inc. of Buffalo, New York.
3. Volatile organic compounds quantitated by EPA SW-846 Method 8260B.
4. "U" designates that the compound was not detected at or above the quantitation limit shown.
5. "J" designates that the detected concentration should be considered estimated because associated QC criteria was exceeded.

**Subsurface Soil Quality Data
Semi-Volatile Organic Compound Results**

Appendix N-2
Subsurface Soil Quality Data
Semi-Volatile Organic Compound Results

Old Erie Canal Site
Clyde, New York

Compound	SS-GP-7 (0'-4')S-1 4/24/02	SS-GP-16 (8'-12')S-9 5/2/02	SS-GP-20 (12'-16')S-3 5/1/02	SS-X-2 (Dup. of GP-20) 5/1/02	SS-GP-25 (8'-12')S-7 4/26/02
Acenaphthene	420 U	350 U	400 U	412 U	380 U
Acenaphthylene	420 U	350 U	400 U	412 U	380 U
Anthracene	470	350 U	33 J	26 J	380 U
Benzo(a)anthracene	3700	350 U	98 J	110 J	380 U
Benzo(b)fluoranthene	3600	350 U	82 J	91 J	380 U
Benzo(k)fluoranthene	3500	350 U	84 J	92 J	380 U
Benzo(g,h,i)perylene	2300	350 U	62 J	61 J	380 U
Benzo(a)pyrene	3800	350 U	96 J	100 J	380 U
Benzyl Alcohol	420 U	350 U	400 U	412 U	380 U
bis(2-Chloroethoxy)methane	420 U	350 U	400 U	412 U	380 U
bis(2-Chloroethyl)ether	420 U	350 U	400 U	412 U	380 U
bis(2-Chloroisopropyl)ether	420 U	350 U	400 U	412 U	380 U
bis(2-Ethylhexyl)phthalate	420 U	180 J	140 J	95 J	37 J
4-Bromophenyl phenyl ether	420 U	350 U	400 U	412 U	380 U
Butyl benzylphthalate	420 U	350 U	400 U	412 U	380 U
4-Chloroaniline	330 U	350 U	400 U	412 U	380 U
4-Chloro-3-methylphenol	420 U	350 U	400 U	412 U	380 U
2-Chloronaphthalene	420 U	350 U	400 U	412 U	380 U
2-Chlorophenol	420 U	350 U	400 U	412 U	380 U
4-Chlorophenyl phenyl ether	330 U	350 U	400 U	412 U	380 U
Chrysene	4500	350 U	110 J	120 J	380 U
Dibenzo(a,h)anthracene	260 J	350 U	25 J	26 J	380 U
Dibenzofuran	420 U	350 U	400 U	412 U	380 U
Di-n-butylphthalate	420 U	350 U	400 U	49 J	380 U
1,2-Dichlorobenzene	420 U	350 U	400 U	412 U	380 U
1,3-Dichlorobenzene	420 U	350 U	400 U	412 U	380 U
1,4-Dichlorobenzene	420 U	350 U	400 U	412 U	380 U
3,3'-Dichlorobenzidine	660 U	660 U	660 U	660 U	660 U
2,4-Dichlorophenol	330 U	350 U	400 U	412 U	380 U
Diethyl phthalate	420 U	350 U	400 U	412 U	380 U
2,4-Dimethylphenol	420 U	350 U	400 U	412 U	380 U
Dimethyl phthalate	420 U	350 U	400 U	412 U	380 U
4,6-Dinitro-2-methylphenol	800 U	880 U	1000 U	1030 U	940 U
2,4-Dinitrophenol	800 U	880 U	1000 U	1030 U	940 U
2,4-Dinitrotoluene	420 U	350 U	400 U	412 U	380 U
2,6-Dinitrotoluene	420 U	350 U	400 U	412 U	380 U
Di-n-octyl phthalate	420 U	350 U	21 J	30 J	380 U
Fluoranthene	9100	43 J	210 J	220 J	380 U
Fluorene	420 U	350 U	28 J	22 J	380 U
Hexachlorobenzene	420 U	350 U	400 U	412 U	380 U
Hexachlorobutadiene	420 U	350 U	400 U	412 U	380 U
Hexachlorocyclopentadiene	420 U	350 U	400 U	412 U	380 U
Hexachloroethane	330 U	350 U	400 U	412 U	380 U
Indeno(1,2,3-cd)pyrene	2200	350 U	57 J	57 J	380 U
Isophorone	420 U	350 U	400 U	412 U	380 U
2-Methyl naphthalene	420 U	350 U	400 U	412 U	380 U
2-Methylphenol	420 U	350 U	400 U	412 U	380 U
4-Methylphenol	420 U	350 U	400 U	412 U	31 J
Naphthalene	420 U	350 U	56 J	54 J	380 U
2-Nitroaniline	800 U	880 U	1000 U	1030 U	940 U

Appendix N-2
Subsurface Soil Quality Data
Semi-Volatile Organic Compound Results

Old Erie Canal Site
Clyde, New York

Compound	SS-GP-7 (0'-4')S-1 4/24/02	SS-GP-16 (8'-12')S-9 5/2/02	SS-GP-20 (12'-16')S-3 5/1/02	SS-X-2 (Dup.of GP-20) 5/1/02	SS-GP-25 (8'-12')S-7 4/26/02
3-Nitroaniline	800 U	880 U	1000 U	1030 U	940 U
4-Nitroaniline	800 UJ	880 U	1000 U	1030 U	940 U
Nitrobenzene	420 U	350 U	400 U	412 U	380 U
2-Nitrophenol	420 U	350 U	400 U	412 U	380 U
4-Nitrophenol	800 UJ	880 U	1000 U	1030 U	940 U
N-Nitrosodiphenylamine	420 U	350 U	400 U	412 U	380 U
N-Nitrosodi-n-propylamine	420 U	350 U	400 U	412 U	380 U
Pentachlorophenol	800 U	880 U	1000 U	1030 U	940 U
Phenanthrene	3900	350 U	180 J	140 J	380 U
Phenol	420 U	350 U	400 U	412 U	380 U
Pyrene	6800	33 J	190 J	190 J	380 U
1,2,4-Trichlorobenzene	330 U	350 U	400 U	412 U	380 U
2,4,5-Trichlorophenol	420 U	350 U	400 U	412 U	380 U
2,4,6-Trichlorophenol	420 U	350 U	400 U	412 U	380 U

Notes:

1. All units in ug/kg.
2. All analyses performed by Severn Trent Laboratories, Inc. of Buffalo, New York.
3. Semi-volatile organic compounds quantitated by EPA SW-846 Method 8270C.
4. "U" designates that the compound was not detected at or above the quantitation limit shown.
5. "J" designates that the detected concentration should be considered estimated because associated QC criteria was exceeded.

Appendix N-2
Subsurface Soil Quality Data
Semi-Volatile Organic Compound Results

Old Erie Canal Site
Clyde, New York

Compound	SS-GP-26 (12'-14')S-4 4/30/02	SS-GP-32 (12'-16')S-6 4/23/02	SS-GP-33 (12'-16')S-5 4/30/02	SS-GP-39 (8'-12'BS)S-2 4/22/02
Acenaphthene	380 U	350 U	380 U	390 U
Acenaphthylene	380 U	350 U	380 U	390 U
Anthracene	380 U	350 U	380 U	390 U
Benzo(a)anthracene	380 U	350 UJ	380 U	390 U
Benzo(b)fluoranthene	380 U	350 UJ	380 U	390 U
Benzo(k)fluoranthene	380 U	350 UJ	380 U	390 U
Benzo(g,h,i)perylene	380 U	350 UJ	380 U	390 U
Benzo(a)pyrene	380 U	350 UJ	380 U	390 U
Benzyl Alcohol	380 U	350 U	380 U	390 U
bis(2-Chloroethoxy)methane	380 U	350 UJ	380 U	390 U
bis(2-Chloroethyl)ether	380 U	350 U	380 U	390 U
bis(2-Chloroisopropyl)ether	380 U	350 U	380 U	390 U
bis(2-Ethylhexyl)phthalate	380 U	350 UJ	150 J	390 U
4-Bromophenyl phenyl ether	380 U	350 U	380 U	390 U
Butyl benzylphthalate	380 U	350 UJ	380 U	390 U
4-Chloroaniline	380 U	350 UJ	380 U	390 U
4-Chloro-3-methylphenol	380 U	350 U	380 U	390 U
2-Chloronaphthalene	380 U	350 U	380 U	390 U
2-Chlorophenol	380 U	350 U	380 U	390 U
4-Chlorophenyl phenyl ether	380 U	350 U	380 U	390 U
Chrysene	380 U	350 UJ	380 U	390 U
Dibenzo(a,h)anthracene	380 U	350 UJ	380 U	390 U
Dibenzofuran	380 U	350 U	380 U	390 U
Di-n-butylphthalate	380 U	350 U	380 U	390 U
1,2-Dichlorobenzene	380 U	350 U	380 U	390 U
1,3-Dichlorobenzene	380 U	350 U	380 U	390 U
1,4-Dichlorobenzene	380 U	350 U	380 U	390 U
3,3'-Dichlorobenzidine	660 U	660 UJ	660 U	660 U
2,4-Dichlorophenol	380 U	350 UJ	380 U	390 U
Diethyl phthalate	380 U	350 U	380 U	390 U
2,4-Dimethylphenol	380 U	350 UJ	380 U	390 U
Dimethyl phthalate	380 U	350 U	380 U	390 U
4,6-Dinitro-2-methylphenol	940 U	860 UJ	940 U	970 U
2,4-Dinitrophenol	940 U	860 U	940 U	970 U
2,4-Dinitrotoluene	380 U	350 U	380 U	390 U
2,6-Dinitrotoluene	380 U	350 U	380 U	390 U
Di-n-octyl phthalate	380 U	350 UJ	380 U	390 U
Fluoranthene	380 U	350 U	380 U	390 U
Fluorene	380 U	350 U	380 U	390 U
Hexachlorobenzene	380 U	350 U	380 U	390 U
Hexachlorobutadiene	380 U	350 UJ	380 U	390 U
Hexachlorocyclopentadiene	380 U	350 U	380 U	390 U
Hexachloroethane	380 U	350 U	380 U	390 U
Indeno(1,2,3-cd)pyrene	380 U	350 UJ	380 U	390 U
Isophorone	380 U	350 UJ	380 U	390 U
2-Methyl naphthalene	380 U	350 UJ	380 U	390 U
2-Methylphenol	380 U	350 U	380 U	390 U
4-Methylphenol	380 U	350 U	380 U	390 U
Naphthalene	380 U	350 UJ	380 U	390 U
2-Nitroaniline	940 U	860 U	940 U	970 U

Appendix N-2
Subsurface Soil Quality Data
Semi-Volatile Organic Compound Results

Old Erie Canal Site
Clyde, New York

Compound	SS-GP-26 (12'-14')S-4 4/30/02	SS-GP-32 (12'-16')S-6 4/23/02	SS-GP-33 (12'-16')S-5 4/30/02	SS-GP-39 (8'-12'BS)S-2 4/22/02
3-Nitroaniline	940 U	860 U	940 U	970 U
4-Nitroaniline	940 U	860 UJ	940 U	970 U
Nitrobenzene	380 U	350 UJ	380 U	390 U
2-Nitrophenol	380 U	350 UJ	380 U	390 U
4-Nitrophenol	940 U	860 UJ	940 U	970 U
N-Nitrosodiphenylamine	380 U	350 U	380 U	390 U
N-Nitrosodi-n-propylamine	380 U	350 U	380 U	390 U
Pentachlorophenol	940 U	860 U	940 U	970 U
Phenanthrene	380 U	350 U	380 U	390 U
Phenol	380 U	350 U	380 U	390 U
Pyrene	380 U	350 UJ	380 U	390 U
1,2,4-Trichlorobenzene	380 U	350 UJ	380 U	390 U
2,4,5-Trichlorophenol	380 U	350 U	380 U	390 U
2,4,6-Trichlorophenol	380 U	350 U	380 U	390 U

Notes:

1. All units in ug/kg.
2. All analyses performed by Severn Trent Laboratories, Inc. of Buffalo, New York.
3. Semi-volatile organic compounds quantitated by EPA SW-846 Method 8270C.
4. "U" designates that the compound was not detected at or above the quantitation limit shown.
5. "J" designates that the detected concentration should be considered estimated because associated QC criteria was exceeded.

**Subsurface Soil Quality Data
PCB Results**

Appendix N-3
Subsurface Soil Quality Data
PCB Results

Old Erie Canal Site
Clyde, New York

Compound	SS-GP-7 (0'-4')S-1 4/24/02	SS-GP-16 (8'-12')S-9 5/2/02	SS-GP-20 (12'-16')S-3 5/1/02	SS-X-2 (Dup.of GP-20) 5/1/02	SS-GP-25 (8'-12')S-7 4/26/02
Aroclor 1016	42 U	18 U	40 U	40 U	38 U
Aroclor 1221	42 U	18 U	40 U	40 U	38 U
Aroclor 1232	42 U	18 U	40 U	40 U	38 U
Aroclor 1242	42 U	18 U	40 U	40 U	38 U
Aroclor 1248	42 U	18 U	40 U	40 U	38 U
Aroclor 1254	42 U	18 U	40 U	40 U	38 U
Aroclor 1260	42 U	18 U	40 U	40 U	38 U

Compound	SS-GP-26 (12'-14')S-4 4/30/02	SS-GP-32 (12'-16')S-6 4/23/02	SS-GP-33 (12'-16')S-5 4/30/02	SS-GP-39 (8'-12'BS)S-2 4/22/02
Aroclor 1016	37 U	35 U	38 U	38 U
Aroclor 1221	37 U	35 U	38 U	38 U
Aroclor 1232	37 U	35 U	38 U	38 U
Aroclor 1242	37 U	35 U	38 U	38 U
Aroclor 1248	37 U	35 U	38 U	38 U
Aroclor 1254	37 U	35 U	38 U	38 U
Aroclor 1260	37 U	35 U	38 U	38 U

Notes:

1. All units in ug/kg.
2. All analyses performed by Severn Trent Laboratories, Inc. of Buffalo, New York.
3. Polychlorinated Biphenyls quantitated by EPA SW-846 Method 8082B.
4. "U" designates that the compound was not detected at or above the quantitation limit shown.

**Subsurface Soil Quality Data
Pesticides Results**

Appendix N-4
Subsurface Soil Quality Data
Pesticides Results

Old Erie Canal Site
Clyde, New York

Compound	SS-GP-7 (0'-4')S-1 4/24/02	SS-GP-16 (8'-12')S-9 5/2/02	SS-GP-20 (12'-16')S-3 5/1/02	SS-X-2 (Dup.of GP-20) 5/1/02	SS-GP-25 (8'-12')S-7 4/26/02
Aldrin	21 U	1.8 U	8.3 U	8.4 UJ	7.8 U
alpha-BHC	21 U	1.8 U	8.3 U	8.4 UJ	7.8 U
beta-BHC	21 U	1.8 U	8.3 U	8.4 UJ	7.8 U
gamma-BHC (Lindane)	21 U	1.8 U	8.3 U	8.4 UJ	7.8 U
delta-BHC	21 U	1.8 U	8.3 U	8.4 UJ	7.8 U
Chlordane	210 U	18 U	48 J	32 J	78 U
4,4'DDD	21 U	1.8 U	8.3 U	8.4 UJ	7.8 U
4,4'DDE	26 J	1.8 U	8.3 U	8.4 UJ	7.8 U
4,4'-DDT	34	1.8 U	8.3 U	8.4 UJ	7.8 U
Dieldrin	130	1.8 U	8.3 U	8.4 UJ	7.8 U
Endosulfan I	21 U	1.8 U	8.3 U	8.4 UJ	7.8 U
Endosulfan II	21 U	1.8 U	8.3 U	8.4 UJ	7.8 U
Endosulfan sulfate	21 U	1.8 U	8.3 U	8.4 UJ	7.8 U
Endrin	21 U	1.8 U	8.3 U	8.4 UJ	7.8 U
Endrin aldehyde	21 U	1.8 U	8.3 U	8.4 UJ	7.8 U
Heptachlor	21 U	1.8 U	8.3 U	8.4 UJ	7.8 U
Heptachlor epoxide	21 U	1.8 U	8.3 U	8.4 UJ	7.8 U
Methoxychlor	21 U	1.8 U	8.3 U	8.4 UJ	7.8 U
Toxaphene	500 U	43 U	200 U	200 UJ	180 U
Endrin ketone	21 U	1.8 U	8.3 U	8.4 UJ	7.8 U

Compound	SS-GP-26 (12'-14')S-4 4/30/02	SS-GP-32 (12'-16')S-6 4/23/02	SS-GP-33 (12'-16')S-5 4/30/02	SS-GP-39 (8'-12'BS)S-2 4/22/02
Aldrin	7.8 U	1.8 U	7.8 U	2 U
alpha-BHC	7.8 U	1.8 U	7.8 U	2 U
beta-BHC	7.8 U	1.8 U	7.8 U	2 U
gamma-BHC (Lindane)	7.8 U	1.8 U	7.8 U	2 U
delta-BHC	7.8 U	1.8 U	7.8 U	2 U
Chlordane	78 U	18 U	78 U	20 U
4,4'DDD	7.8 U	1.8 U	7.8 U	2 U
4,4'DDE	7.8 U	1.8 U	7.8 U	2 U
4,4'-DDT	7.8 U	1.8 U	7.8 U	2 U
Dieldrin	7.8 U	1.8 U	7.8 U	2 U
Endosulfan I	7.8 U	1.8 U	7.8 U	2 U
Endosulfan II	7.8 U	1.8 U	7.8 U	2 U
Endosulfan sulfate	7.8 U	1.8 U	7.8 U	2 U
Endrin	7.8 U	1.8 U	7.8 U	2 U
Endrin aldehyde	7.8 U	1.8 U	7.8 U	2 U
Heptachlor	7.8 U	1.8 U	7.8 U	2 U
Heptachlor epoxide	7.8 U	1.8 U	7.8 U	2 U
Methoxychlor	7.8 U	1.8 U	7.8 U	2 U
Toxaphene	180 U	43 U	180 U	47 U
Endrin ketone	7.8 U	1.8 U	7.8 U	2 U

Notes:

1. All units in ug/kg.
2. All analyses performed by Severn Trent Laboratories, Inc. of Buffalo, New York.
3. Pesticides quantitated by EPA SW-846 Method 8081A.
4. "U" designates that the compound was not detected at or above the quantitation limit shown.
5. "J" designates that the detected concentration should be considered estimated because associated QC criteria was exceeded.

**Subsurface Soil Quality Data
Inorganic Compound Results**

Appendix N-5
Subsurface Soil Quality Data
Metals Results

Old Erie Canal Site
Clyde, New York

Compound	SS-GP-7 (0'-4')S-1 4/24/02	SS-GP-16 (8'-12')S-9 5/2/02	SS-GP-20 (12'-16')S-3 5/1/02	SS-X-2 (Dup. of GP-20) 5/1/02	SS-GP-25 (8'-12')S-7 4/26/02
Aluminum	9790 J	4630 J	7720 J	6510 J	6330 J
Antimony	7.8 UJ	6.7 UJ	7.7 UJ	7.9 UJ	7.2 UJ
Arsenic	5.8	2.9	2.5	1.5	1.5
Barium	71.9 J	55.9 J	43.2 J	32.1 J	45.2 J
Beryllium	0.65 U	0.56 U	0.64 U	0.66 U	0.6 U
Cadmium	0.65 U	0.56 U	0.64 U	0.66 U	0.6 U
Calcium	24400 J	68600 J	46500 J	44600 J	26900 J
Chromium	14.8	7.4	11.5	11.4	9.3
Cobalt	6.5 U	5.6 U	6.5	6.6 U	6 U
Copper	22.7	12.5	17.9	15.6	10.8
Iron	16000 J	11000 J	13200 J	10800 J	8020 J
Lead	29.1	4.3	8.7	6.6	1480
Magnesium	4970 J	17600 J	18800 J	18700 J	8940 J
Manganese	277 J	437 J	345 J	280 J	183 J
Nickel	12.9 J	9.2 J	14.2 J	13.5 J	9.1 J
Potassium	1260 J	1550 J	1830 J	1450 J	1000 J
Selenium	0.92	0.56 U	0.86	0.68	0.6 U
Mercury	0.084	0.022 U	0.024 U	0.023 U	0.025 U
Silver	1.3 U	1.1 U	1.3 U	1.3 U	1.2 U
Sodium	646 U	556 U	641 U	656 U	597 U
Thallium	1.3 U	1.1 U	1.3 U	1.3 U	1.2 U
Vanadium	20.4 J	10 J	17.5 J	18.9 J	12.4 J
Zinc	61.6 J	27.7 J	39.7 J	39.3 J	28.1 J

Compound	SS-GP-26 (12'-14')S-4 4/30/02	SS-GP-32 (12'-16')S-6 4/23/02	SS-GP-33 (12'-16')S-5 4/30/02	SS-GP-39 (8'-12')BS)S-2 4/22/02
Aluminum	5050 J	4110 J	4770 J	11100 J
Antimony	6.8 UJ	6.5 UJ	7.1 UJ	7.2 UJ
Arsenic	4.7	4.6	1.5	6.5
Barium	36.2 J	46.1 J	33 J	83.6 J
Beryllium	0.56 U	0.54 U	0.6 U	0.64
Cadmium	0.56 U	0.54 U	0.6 U	0.6 U
Calcium	70800 J	116000 J	72400 J	4210 J
Chromium	7.9	6.1	7.2	14.9
Cobalt	5.6 U	5.4 U	6 U	8.4
Copper	16.7	20.6	18.2	13.7
Iron	12200 J	15000 J	10200 J	21300 J
Lead	6.8	6.7	8.5	9.5
Magnesium	14800 J	23800 J	21800 J	3650 J
Manganese	400 J	1070 J	373 J	570 J
Nickel	10.4 J	7.9 J	9.2 J	16.7 J
Potassium	1280 J	967 J	1430 J	1110 J
Selenium	0.56 U	0.54 U	0.6 U	0.88
Mercury	0.021 U	0.022 U	0.021 U	0.03
Silver	1.1 U	1.1 U	1.2 U	1.2 U
Sodium	563 U	539 U	595 U	600 U
Thallium	1.1 U	1.1 U	1.2 U	1.2 U
Vanadium	12.1 J	12.8 J	9.3 J	20.8 J
Zinc	32.8 J	32.2 J	28.9 J	50.9 J

Notes:

1. All units in mg/kg.
2. All analyses performed by Severn Trent Laboratories, Inc. of Buffalo, New York.
3. TAL Metals quantitated by EPA SW-486 Method 6010 and 7470A.
4. "U" designates that the compound was not detected at or above the quantitation limit shown.
5. "J" designates that the detected concentration should be considered estimated because associated QC criteria was exceeded.

**Subsurface Soil Quality Data
Wet Chemistry Results**

Appendix N-6
Subsurface Soil Quality Data
Wet Chemistry Results

Old Erie Canal Site
Clyde, New York

Compound	SS-GP-7 (0'-4')S-1 4/24/02	SS-GP-16 (8'-12')S-9 5/2/02	SS-GP-20 (12'-16')S-3 5/1/02	SS-X-2 (Dup.of GP-20) 5/1/02	SS-GP-25 (8'-12')S-7 4/26/02
Leachable pH	7.97	8.09	7.16	7.08	7.73
Cyanide - Total	1.3 U	1.1 U	1.2 U	1.3 U	1.2 U

Compound	SS-GP-26 (12'-14')S-4 4/30/02	SS-GP-32 (12'-16')S-6 4/23/02	SS-GP-33 (12'-16')S-5 4/30/02	SS-GP-39 (8'-12'BS)S-2 4/22/02
Leachable pH	7.75	8.25	8.02	7.41
Cyanide - Total	1.1 U	1.1 U	1.2 U	1.2 U

Notes:

1. Units for total cyanide in ug/L. pH in standard units.
2. All analyses performed by Severn Trent Laboratories, Inc. of Buffalo, New York.
3. Total Cyanide quantitated by EPA SW-846 Method 9012.
Leachable pH quantitated by EPA SW-846 Method 9045.
4. "U" designates that the compound was not detected at or above the quantitation limit shown.

**Subsurface Soil Laboratory Reporting
Forms**

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

000011

Client No.

SS-~~CD~~-7 (0'-4') S-1

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: SS39A

Matrix: (soil/water) SOIL

Lab Sample ID: A2411301

Sample wt/vol: 5.10 (g/mL) G

Lab File ID: F9623.RR

Level: (low/med) LOW

Date Samp/Recv: 04/24/2002 04/26/2002

% Moisture: not dec. 35.6 Heated Purge: Y

Date Analyzed: 05/06/2002

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND			
67-64-1-----	Acetone	15	12	U
71-43-2-----	Benzene		10	U
75-27-4-----	Bromodichloromethane		10	U
75-25-2-----	Bromoform		10	U
74-83-9-----	Bromomethane		10	U
78-93-3-----	2-Butanone		10	U
75-15-0-----	Carbon Disulfide		10	U
56-23-5-----	Carbon Tetrachloride		10	U
108-90-7-----	Chlorobenzene		10	U
75-00-3-----	Chloroethane		10	U
67-66-3-----	Chloroform		10	U
74-87-3-----	Chloromethane		10	U
124-48-1-----	Dibromochloromethane		10	U
75-34-3-----	1,1-Dichloroethane		10	U
107-06-2-----	1,2-Dichloroethane		10	U
75-35-4-----	1,1-Dichloroethene		10	U
156-59-2-----	cis-1,2-Dichloroethene		10	U
156-60-5-----	trans-1,2-Dichloroethene		10	U
78-87-5-----	1,2-Dichloropropane		10	U
10061-01-5----	cis-1,3-Dichloropropene		10	U
10061-02-6----	trans-1,3-Dichloropropene		10	U
100-41-4-----	Ethylbenzene		10	U
591-78-6-----	2-Hexanone		10	U
75-09-2-----	Methylene chloride		30	
108-10-1-----	4-Methyl-2-pentanone		10	U
100-42-5-----	Styrene		10	U
79-34-5-----	1,1,2,2-Tetrachloroethane		10	U
127-18-4-----	Tetrachloroethene		10	U
108-88-3-----	Toluene		10	U
71-55-6-----	1,1,1-Trichloroethane		10	U
79-00-5-----	1,1,2-Trichloroethane		10	U
79-01-6-----	Trichloroethene		10	U
75-01-4-----	Vinyl chloride		10	U
1330-20-7-----	Total Xylenes		15	U

See * Edit all 10 u to 15 u

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

000012

Client No.

SS-GD-7 (0'-4') S-1RI

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: SS39A

Matrix: (soil/water) SOIL

Lab Sample ID: A2411301RI

Sample wt/vol: 5.15 (g/mL) G

Lab File ID: F9663.RR

Level: (low/med) LOW

Date Samp/Recv: 04/24/2002 04/26/2002

% Moisture: not dec. 35.6 Heated Purge: Y

Date Analyzed: 05/07/2002

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg)

UG/KG

Q

CAS NO.	COMPOUND			
67-64-1	Acetone	15	24	U
71-43-2	Benzene		10	U
75-27-4	Bromodichloromethane		10	U
75-25-2	Bromoform		10	U
74-83-9	Bromomethane		10	U
78-93-3	2-Butanone	15	2	U
75-15-0	Carbon Disulfide		10	U
56-23-5	Carbon Tetrachloride		10	U
108-90-7	Chlorobenzene		10	U
75-00-3	Chloroethane		10	U
67-66-3	Chloroform		10	U
74-87-3	Chloromethane		10	U
124-48-1	Dibromochloromethane		10	U
75-34-3	1,1-Dichloroethane		10	U
107-06-2	1,2-Dichloroethane		10	U
75-35-4	1,1-Dichloroethene		10	U
156-59-2	cis-1,2-Dichloroethene		10	U
156-60-5	trans-1,2-Dichloroethene		10	U
78-87-5	1,2-Dichloropropane		10	U
10061-01-5	cis-1,3-Dichloropropene		10	U
10061-02-6	trans-1,3-Dichloropropene		10	U
100-41-4	Ethylbenzene		10	U
591-78-6	2-Hexanone		10	U
75-09-2	Methylene chloride		51	
108-10-1	4-Methyl-2-pentanone		10	U
100-42-5	Styrene		10	U
79-34-5	1,1,2,2-Tetrachloroethane		10	U
127-18-4	Tetrachloroethene		10	U
108-88-3	Toluene		10	U
71-55-6	1,1,1-Trichloroethane		10	U
79-00-5	1,1,2-Trichloroethane		10	U
79-01-6	Trichloroethene		10	U
75-01-4	Vinyl chloride		10	U
1330-20-7	Total Xylenes		15	U

* See previous pages

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

000009

Client No.

SS-GP-16 (8-12) S-9

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: SSGP16

Matrix: (soil/water) SOIL

Lab Sample ID: A2443801

Sample wt/vol: 4.03 (g/mL) G

Lab File ID: Q3187.RR

Level: (low/med) MED

Date Samp/Recv: 05/02/2002 05/04/2002

% Moisture: not dec. 8.0 Heated Purge: N

Date Analyzed: 05/07/2002

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL)

Soil Aliquot Volume: 100.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
67-64-1-----	Acetone	1250	U	★
71-43-2-----	Benzene	1250	U	
75-27-4-----	Bromodichloromethane	1250	U	
75-25-2-----	Bromoform	1250	U	
74-83-9-----	Bromomethane	1250	U	
78-93-3-----	2-Butanone	1250	U	
75-15-0-----	Carbon Disulfide	1250	U	
56-23-5-----	Carbon Tetrachloride	1250	U	
108-90-7-----	Chlorobenzene	1250	U	
75-00-3-----	Chloroethane	1250	U	
67-66-3-----	Chloroform	1250	U	
74-87-3-----	Chloromethane	1250	U	
124-48-1-----	Dibromochloromethane	1250	U	
75-34-3-----	1,1-Dichloroethane	1250	U	
107-06-2-----	1,2-Dichloroethane	1250	U	
75-35-4-----	1,1-Dichloroethene	1250	U	
156-59-2-----	cis-1,2-Dichloroethene	1400		
156-60-5-----	trans-1,2-Dichloroethene	1250	U	
78-87-5-----	1,2-Dichloropropane	1250	U	
10061-01-5----	cis-1,3-Dichloropropene	1250	U	
10061-02-6----	trans-1,3-Dichloropropene	1250	U	
100-41-4-----	Ethylbenzene	1250	U	BT U
591-78-6-----	2-Hexanone	1250	U	
75-09-2-----	Methylene chloride	1250 280		
108-10-1-----	4-Methyl-2-pentanone	1250	U	
100-42-5-----	Styrene	1250	U	
79-34-5-----	1,1,2,2-Tetrachloroethane	1250	U	
127-18-4-----	Tetrachloroethene	1250	U	
108-88-3-----	Toluene	1250	U	
71-55-6-----	1,1,1-Trichloroethane	1250	U	
79-00-5-----	1,1,2-Trichloroethane	1250	U	
79-01-6-----	Trichloroethene	2100		
75-01-4-----	Vinyl chloride	1250	U	
1330-20-7-----	Total Xylenes	1875	U	

* Edit All "1250 U" to "1360 U"

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

000274

Client No.

SS-GP-20(12'-16')S-3

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: SS39A

Matrix: (soil/water) SOIL

Lab Sample ID: A2432504

Sample wt/vol: 4.03 (g/mL) G

Lab File ID: Q3185.RR

Level: (low/med) MED

Date Samp/Recv: 05/01/2002 05/02/2002

% Moisture: not dec. 22.8 Heated Purge: N

Date Analyzed: 05/07/2002

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL)

Soil Aliquot Volume: 100.00 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
67-64-1	Acetone		1250	U
71-43-2	Benzene		1250	U
75-27-4	Bromodichloromethane		1250	U
75-25-2	Bromoform		1250	U
74-83-9	Bromomethane		1250	U
78-93-3	2-Butanone		1250	U
75-15-0	Carbon Disulfide		1250	U
56-23-5	Carbon Tetrachloride		1250	U
108-90-7	Chlorobenzene		1250	U
75-00-3	Chloroethane		1250	U
67-66-3	Chloroform		1250	U
74-87-3	Chloromethane		1250	U
124-48-1	Dibromochloromethane		1250	U
75-34-3	1,1-Dichloroethane		1250	U
107-06-2	1,2-Dichloroethane		1250	U
75-35-4	1,1-Dichloroethene		1250	U
156-59-2	cis-1,2-Dichloroethene		8900	
156-60-5	trans-1,2-Dichloroethene		1250	U
78-87-5	1,2-Dichloropropane		1250	U
10061-01-5	cis-1,3-Dichloropropene		1250	U
10061-02-6	trans-1,3-Dichloropropene		1250	U
100-41-4	Ethylbenzene		1250	U
591-78-6	2-Hexanone		1250	U
75-09-2	Methylene chloride	1600	330	BU
108-10-1	4-Methyl-2-pentanone		1250	U
100-42-5	Styrene		1250	U
79-34-5	1,1,2,2-Tetrachloroethane		1250	U
127-18-4	Tetrachloroethene		1250	U
108-88-3	Toluene		4300	B
71-55-6	1,1,1-Trichloroethane		1250	U
79-00-5	1,1,2-Trichloroethane		1250	U
79-01-6	Trichloroethene		1250	U
75-01-4	Vinyl chloride		460	J
1330-20-7	Total Xylenes	1600	1200	BU

* Edit all 1250 U to 1600 U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

000018

Client No.

SS-X-2

DUP OF SS-GP-20

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: SS39A

Matrix: (soil/water) SOIL

Lab Sample ID: A2432505

Sample wt/vol: 4.18 (g/mL) G

Lab File ID: Q3186.RR

Level: (low/med) MED

Date Samp/Recv: 05/01/2002 05/02/2002

% Moisture: not dec. 22.3 Heated Purge: N

Date Analyzed: 05/07/2002

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL)

Soil Aliquot Volume: 100.00 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
67-64-1-----	Acetone	1250	U	*
71-43-2-----	Benzene	1250	U	
75-27-4-----	Bromodichloromethane	1250	U	
75-25-2-----	Bromoform	1250	U	
74-83-9-----	Bromomethane	1250	U	
78-93-3-----	2-Butanone	1250	U	
75-15-0-----	Carbon Disulfide	1250	U	
56-23-5-----	Carbon Tetrachloride	1250	U	
108-90-7-----	Chlorobenzene	1250	U	
75-00-3-----	Chloroethane	1250	U	
67-66-3-----	Chloroform	1250	U	
74-87-3-----	Chloromethane	1250	U	
124-48-1-----	Dibromochloromethane	1250	U	
75-34-3-----	1,1-Dichloroethane	1250	U	
107-06-2-----	1,2-Dichloroethane	1250	U	
75-35-4-----	1,1-Dichloroethene	1250	U	
156-59-2-----	cis-1,2-Dichloroethene	14000		
156-60-5-----	trans-1,2-Dichloroethene	1250	U	
78-87-5-----	1,2-Dichloropropane	1250	U	
10061-01-5----	cis-1,3-Dichloropropene	1250	U	
10061-02-6----	trans-1,3-Dichloropropene	1250	U	
100-41-4-----	Ethylbenzene	190	J	
591-78-6-----	2-Hexanone	1250	U	
75-09-2-----	Methylene chloride	1540 320	BU	
108-10-1-----	4-Methyl-2-pentanone	1250	U	
100-42-5-----	Styrene	1250	U	
79-34-5-----	1,1,2,2-Tetrachloroethane	1250	U	
127-18-4-----	Tetrachloroethene	1250	U	
108-88-3-----	Toluene	5800	BU	
71-55-6-----	1,1,1-Trichloroethane	1250	U	
79-00-5-----	1,1,2-Trichloroethane	1250	U	
79-01-6-----	Trichloroethene	590	J	
75-01-4-----	Vinyl chloride	1200	J	
1330-20-7-----	Total Xylenes	1540 1600	BU	

* Edit all 1250 u to 1540 u

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

000015

Client No.

SS-GP-25 (8'-12')S-7

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: SS39A

Matrix: (soil/water) SOIL

Lab Sample ID: A2432501

Sample wt/vol: 4.15 (g/mL) G

Lab File ID: Q3184.RR

Level: (low/med) MED

Date Samp/Recv: 04/26/2002 05/02/2002

% Moisture: not dec. 13.9 Heated Purge: N

Date Analyzed: 05/07/2002

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL)

Soil Aliquot Volume: 100.00 (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

67-64-1-----	Acetone	1250	U	*
71-43-2-----	Benzene	1250	U	
75-27-4-----	Bromodichloromethane	1250	U	
75-25-2-----	Bromoform	1250	U	
74-83-9-----	Bromomethane	1250	U	
78-93-3-----	2-Butanone	1250	U	
75-15-0-----	Carbon Disulfide	1250	U	
56-23-5-----	Carbon Tetrachloride	1250	U	
108-90-7-----	Chlorobenzene	1250	U	
75-00-3-----	Chloroethane	1250	U	
67-66-3-----	Chloroform	1250	U	
74-87-3-----	Chloromethane	1250	U	
124-48-1-----	Dibromochloromethane	1250	U	
75-34-3-----	1,1-Dichloroethane	1250	U	
107-06-2-----	1,2-Dichloroethane	1250	U	
75-35-4-----	1,1-Dichloroethene	1250	U	
156-59-2-----	cis-1,2-Dichloroethene	700	J	
156-60-5-----	trans-1,2-Dichloroethene	1250	U	
78-87-5-----	1,2-Dichloropropane	1250	U	
10061-01-5----	cis-1,3-Dichloropropene	1250	U	
10061-02-6----	trans-1,3-Dichloropropene	1250	U	
100-41-4-----	Ethylbenzene	1250	U	BJ U
591-78-6-----	2-Hexanone	1250	U	
75-09-2-----	Methylene chloride	1400 290	BJ U	BJ U
108-10-1-----	4-Methyl-2-pentanone	1400		
100-42-5-----	Styrene	1250	U	BJ U
79-34-5-----	1,1,2,2-Tetrachloroethane	1250	U	
127-18-4-----	Tetrachloroethene	1250	U	BJ U
108-88-3-----	Toluene	1400 780		
71-55-6-----	1,1,1-Trichloroethane	1250	U	BJ U
79-00-5-----	1,1,2-Trichloroethane	1250	U	
79-01-6-----	Trichloroethene	4700		BJ U
75-01-4-----	Vinyl chloride	1250	U	
1330-20-7-----	Total Xylenes	1400 260	BJ U	

* Edit all 1250 U to

1400 U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

000016

Client No.

SS-GP-26(12'-14')S-4

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: SS39A

Matrix: (soil/water) SOIL

Lab Sample ID: A2432503

Sample wt/vol: 5.14 (g/mL) G

Lab File ID: F9689.RR

Level: (low/med) LOW

Date Samp/Recv: 04/30/2002 05/02/2002

% Moisture: not dec. 16.9 Heated Purge: Y

Date Analyzed: 05/08/2002

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

67-64-1-----	Acetone	81	U	
71-43-2-----	Benzene	10	U	*
75-27-4-----	Bromodichloromethane	10	U	
75-25-2-----	Bromoform	10	U	
74-83-9-----	Bromomethane	10	U	
78-93-3-----	2-Butanone	12 2	BT U	
75-15-0-----	Carbon Disulfide	10	U	
56-23-5-----	Carbon Tetrachloride	10	U	
108-90-7-----	Chlorobenzene	10	U	
75-00-3-----	Chloroethane	10	U	
67-66-3-----	Chloroform	10	U	
74-87-3-----	Chloromethane	10	U	
124-48-1-----	Dibromochloromethane	10	U	
75-34-3-----	1,1-Dichloroethane	10	U	
107-06-2-----	1,2-Dichloroethane	10	U	
75-35-4-----	1,1-Dichloroethene	10	U	
156-59-2-----	cis-1,2-Dichloroethene	14		
156-60-5-----	trans-1,2-Dichloroethene	10	U	
78-87-5-----	1,2-Dichloropropane	10	U	
10061-01-5----	cis-1,3-Dichloropropene	10	U	
10061-02-6----	trans-1,3-Dichloropropene	10	U	
100-41-4-----	Ethylbenzene	2	J	
591-78-6-----	2-Hexanone	10	U	
75-09-2-----	Methylene chloride	89		
108-10-1-----	4-Methyl-2-pentanone	10	U	
100-42-5-----	Styrene	10	U	
79-34-5-----	1,1,2,2-Tetrachloroethane	10	U	
127-18-4-----	Tetrachloroethene	10	U	
108-88-3-----	Toluene	12 2	BT U	
71-55-6-----	1,1,1-Trichloroethane	10	U	
79-00-5-----	1,1,2-Trichloroethane	10	U	
79-01-6-----	Trichloroethene	6	J	
75-01-4-----	Vinyl chloride	84		
1330-20-7-----	Total Xylenes	12 10	BT U	

* Edit all 10 u to 12 u

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

000266

Client No.

SS-06-32-S-6(12'-16)

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: SS39A

Matrix: (soil/water) SOIL

Lab Sample ID: A2415501

Sample wt/vol: 4.11 (g/mL) G

Lab File ID: Q3132.RR

Level: (low/med) MED

Date Samp/Recv: 04/23/2002 04/27/2002

% Moisture: not dec. 9.8 Heated Purge: N

Date Analyzed: 05/03/2002

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL)

Soil Aliquot Volume: 100.00 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

CAS NO.	COMPOUND			
67-64-1-----	Acetone	1250	U	*
71-43-2-----	Benzene	1250	U	
75-27-4-----	Bromodichloromethane	1250	U	
75-25-2-----	Bromoform	1250	U	
74-83-9-----	Bromomethane	1250	U	
78-93-3-----	2-Butanone	1250	U	
75-15-0-----	Carbon Disulfide	1250	U	
56-23-5-----	Carbon Tetrachloride	1250	U	
108-90-7-----	Chlorobenzene	1250	U	
75-00-3-----	Chloroethane	1250	U	
67-66-3-----	Chloroform	1250	U	
74-87-3-----	Chloromethane	1250	U	
124-48-1-----	Dibromochloromethane	1250	U	
75-34-3-----	1,1-Dichloroethane	1250	U	
107-06-2-----	1,2-Dichloroethane	1250	U	
75-35-4-----	1,1-Dichloroethene	1250	U	
156-59-2-----	cis-1,2-Dichloroethene	2400		
156-60-5-----	trans-1,2-Dichloroethene	1250	U	
78-87-5-----	1,2-Dichloropropane	1250	U	
10061-01-5----	cis-1,3-Dichloropropene	1250	U	
10061-02-6----	trans-1,3-Dichloropropene	1250	U	
100-41-4-----	Ethylbenzene	1250	U	
591-78-6-----	2-Hexanone	1250	U	
75-09-2-----	Methylene chloride	180	J	
108-10-1-----	4-Methyl-2-pentanone	1250	U	
100-42-5-----	Styrene	1250	U	
79-34-5-----	1,1,2,2-Tetrachloroethane	1250	U	
127-18-4-----	Tetrachloroethene	1250	U	
108-88-3-----	Toluene	1350 990	JU	
71-55-6-----	1,1,1-Trichloroethane	1250	U	
79-00-5-----	1,1,2-Trichloroethane	1250	U	
79-01-6-----	Trichloroethene	1250	U	
75-01-4-----	Vinyl chloride	200	J	
1330-20-7-----	Total Xylenes	1350 140	JU	

* Edit all 1250 U to 1350 U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

000017

Client No.

SS-GP-33(12'-16')S-5

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: SS39A

Matrix: (soil/water) SOIL

Lab Sample ID: A2432502

Sample wt/vol: 1.17 (g/mL) G

Lab File ID: F9690.RR

Level: (low/med) LOW

Date Samp/Recv: 04/30/2002 05/02/2002

% Moisture: not dec. 20.1 Heated Purge: Y

Date Analyzed: 05/08/2002

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
67-64-1-----	Acetone	53	U	
71-43-2-----	Benzene	10	U	*
75-27-4-----	Bromodichloromethane	10	U	
75-25-2-----	Bromoform	10	U	
74-83-9-----	Bromomethane	10	U	
78-93-3-----	2-Butanone	53	U	
75-15-0-----	Carbon Disulfide	11	U	
56-23-5-----	Carbon Tetrachloride	10	U	
108-90-7-----	Chlorobenzene	10	U	
75-00-3-----	Chloroethane	10	U	
67-66-3-----	Chloroform	10	U	
74-87-3-----	Chloromethane	10	U	
124-48-1-----	Dibromochloromethane	10	U	
75-34-3-----	1,1-Dichloroethane	10	U	
107-06-2-----	1,2-Dichloroethane	10	U	
75-35-4-----	1,1-Dichloroethene	10	U	
156-59-2-----	cis-1,2-Dichloroethene	250		
156-60-5-----	trans-1,2-Dichloroethene	10	U	
78-87-5-----	1,2-Dichloropropane	10	U	
10061-01-5----	cis-1,3-Dichloropropene	10	U	
10061-02-6----	trans-1,3-Dichloropropene	10	U	
100-41-4-----	Ethylbenzene	10	U	
591-78-6-----	2-Hexanone	10	U	
75-09-2-----	Methylene chloride	200		
108-10-1-----	4-Methyl-2-pentanone	11	U	
100-42-5-----	Styrene	10	U	
79-34-5-----	1,1,2,2-Tetrachloroethane	10	U	
127-18-4-----	Tetrachloroethene	10	U	
108-88-3-----	Toluene	10	U	
71-55-6-----	1,1,1-Trichloroethane	10	U	
79-00-5-----	1,1,2-Trichloroethane	10	U	
79-01-6-----	Trichloroethene	9	J	
75-01-4-----	Vinyl chloride	25	J	
1330-20-7-----	Total Xylenes	15	U	

* Edit all 10u to 53 u

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

mm 000010
-68 Client No.
SS-39(8-12BS)S-2

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SS39A

Matrix: (soil/water) SOIL

Lab Sample ID: A2400001

Sample wt/vol: 5.11 (g/mL) G

Lab File ID: F9473.RR

Level: (low/med) LOW

Date Samp/Recv: 04/22/2002 04/24/2002

% Moisture: not dec. 16.2 Heated Purge: Y

Date Analyzed: 04/24/2002

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

67-64-1-----	Acetone	12 10 2	5 U	
71-43-2-----	Benzene	10	U	
75-27-4-----	Bromodichloromethane	10	U	
75-25-2-----	Bromoform	10	U	
74-83-9-----	Bromomethane	10	U	
78-93-3-----	2-Butanone	10	U	
75-15-0-----	Carbon Disulfide	10	U	
56-23-5-----	Carbon Tetrachloride	10	U	
108-90-7-----	Chlorobenzene	10	U	
75-00-3-----	Chloroethane	10	U	
67-66-3-----	Chloroform	10	U	
74-87-3-----	Chloromethane	10	U	
124-48-1-----	Dibromochloromethane	10	U	
75-34-3-----	1,1-Dichloroethane	10	U	
107-06-2-----	1,2-Dichloroethane	10	U	
75-35-4-----	1,1-Dichloroethene	10	U	
156-59-2-----	cis-1,2-Dichloroethene	10	U	
156-60-5-----	trans-1,2-Dichloroethene	10	U	
78-87-5-----	1,2-Dichloropropane	10	U	
10061-01-5----	cis-1,3-Dichloropropene	10	U	
10061-02-6----	trans-1,3-Dichloropropene	10	U	
100-41-4-----	Ethylbenzene	10	U	
591-78-6-----	2-Hexanone	10	U	
75-09-2-----	Methylene chloride	10	U	
108-10-1-----	4-Methyl-2-pentanone	10	U	
100-42-5-----	Styrene	10	U	
79-34-5-----	1,1,2,2-Tetrachloroethane	10	U	
127-18-4-----	Tetrachloroethene	10	U	
108-88-3-----	Toluene	10	U	
71-55-6-----	1,1,1-Trichloroethane	10	U	
79-00-5-----	1,1,2-Trichloroethane	10	U	
79-01-6-----	Trichloroethene	10	U	
75-01-4-----	Vinyl chloride	10	U	
1330-20-7-----	Total Xylenes	15	U	

* Edit all to u to 12 u

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

mw 000021
GP Client No.
SS-~~GP~~-7 (0'-4')S-1

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SS39A

Matrix: (soil/water) SOIL Lab Sample ID: A2411301

Sample wt/vol: 30.98 (g/mL) G Lab File ID: W47156.RR

Level: (low/med) LOW Date Samp/Recv: 04/24/2002 04/26/2002

% Moisture: 22.6 decanted: (Y/N) N Date Extracted: 04/29/2002

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/2002

Injection Volume: 1.00 (uL) Dilution Factor: 10.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
83-32-9-----	Acenaphthene	420	U	+
208-96-8-----	Acenaphthylene	420	U	
120-12-7-----	Anthracene	470		
56-55-3-----	Benzo (a) anthracene	3700		
205-99-2-----	Benzo (b) fluoranthene	3600		
207-08-9-----	Benzo (k) fluoranthene	3500		
191-24-2-----	Benzo (ghi) perylene	2300		
50-32-8-----	Benzo (a) pyrene	3800		
100-51-6-----	Benzyl alcohol	420	U	
111-91-1-----	Bis(2-chloroethoxy) methane	420	U	
111-44-4-----	Bis(2-chloroethyl) ether	420	U	
108-60-1-----	2,2'-Oxybis(1-Chloropropane)	420	U	
117-81-7-----	Bis(2-ethylhexyl) phthalate	420	U	
101-55-3-----	4-Bromophenyl phenyl ether	420	U	
85-68-7-----	Butyl benzyl phthalate	420	U	
106-47-8-----	4-Chloroaniline	330	U	
59-50-7-----	4-Chloro-3-methylphenol	420	U	
91-58-7-----	2-Chloronaphthalene	420	U	
95-57-8-----	2-Chlorophenol	420	U	
7005-72-3-----	4-Chlorophenyl phenyl ether	330	U	
218-01-9-----	Chrysene	4500		
53-70-3-----	Dibenzo (a, h) anthracene	260	J	
132-64-9-----	Dibenzofuran	420	U	
84-74-2-----	Di-n-butyl phthalate	420	U	
95-50-1-----	1,2-Dichlorobenzene	420	U	
541-73-1-----	1,3-Dichlorobenzene	420	U	
106-46-7-----	1,4-Dichlorobenzene	420	U	
91-94-1-----	3,3'-Dichlorobenzidine	660	U	
120-83-2-----	2,4-Dichlorophenol	330	U	
84-66-2-----	Diethyl phthalate	420	U	
105-67-9-----	2,4-Dimethylphenol	420	U	
131-11-3-----	Dimethyl phthalate	420	U	

* OK as reported

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

 000022
Client No.
SS-~~6~~7 (0'-4')S-1

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: SS39A

Matrix: (soil/water) SOIL

Lab Sample ID: A2411301

Sample wt/vol: 30.98 (g/mL) G

Lab File ID: W47156.RR

Level: (low/med) LOW

Date Samp/Recv: 04/24/2002 04/26/2002

% Moisture: 22.6 decanted: (Y/N) N

Date Extracted: 04/29/2002

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 04/29/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 10.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
534-52-1-----	4,6-Dinitro-2-methylphenol	800	U	
51-28-5-----	2,4-Dinitrophenol	800	U	
121-14-2-----	2,4-Dinitrotoluene	420	U	
606-20-2-----	2,6-Dinitrotoluene	420	U	
117-84-0-----	Di-n-octyl phthalate	420	U	
206-44-0-----	Fluoranthene	9100		
86-73-7-----	Fluorene	420	U	
118-74-1-----	Hexachlorobenzene	420	U	
87-68-3-----	Hexachlorobutadiene	420	U	
77-47-4-----	Hexachlorocyclopentadiene	420	U	
67-72-1-----	Hexachloroethane	330	U	
193-39-5-----	Indeno(1,2,3-cd)pyrene	2200		
78-59-1-----	Isophorone	420	U	
91-57-6-----	2-Methylnaphthalene	420	U	
95-48-7-----	2-Methylphenol	420	U	
106-44-5-----	4-Methylphenol	420	U	
91-20-3-----	Naphthalene	420	U	
88-74-4-----	2-Nitroaniline	800	U	
99-09-2-----	3-Nitroaniline	800	U	
100-01-6-----	4-Nitroaniline	800	U	J
98-95-3-----	Nitrobenzene	420	U	
88-75-5-----	2-Nitrophenol	420	U	
100-02-7-----	4-Nitrophenol	800	U	J
86-30-6-----	N-nitrosodiphenylamine	420	U	
621-64-7-----	N-Nitroso-Di-n-propylamine	420	U	
87-86-5-----	Pentachlorophenol	800	U	
85-01-8-----	Phenanthrene	3900		
108-95-2-----	Phenol	420	U	
129-00-0-----	Pyrene	6800		
120-82-1-----	1,2,4-Trichlorobenzene	330	U	
95-95-4-----	2,4,5-Trichlorophenol	420	U	
88-06-2-----	2,4,6-Trichlorophenol	420	U	

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

000012

Client No.

SS-GP-16 (8-12) S-9

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SSGP16

Matrix: (soil/water) SOIL Lab Sample ID: A2443801

Sample wt/vol: 30.10 (g/mL) G Lab File ID: Z51377.RR

Level: (low/med) LOW Date Samp/Recv: 05/02/2002 05/04/2002

% Moisture: 7.4 decanted: (Y/N) N Date Extracted: 05/07/2002

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/09/2002

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

83-32-9-----	Acenaphthene	330	U	*
208-96-8-----	Acenaphthylene	330	U	
120-12-7-----	Anthracene	330	U	
56-55-3-----	Benzo (a) anthracene	330	U	
205-99-2-----	Benzo (b) fluoranthene	330	U	
207-08-9-----	Benzo (k) fluoranthene	330	U	
191-24-2-----	Benzo (ghi) perylene	330	U	
50-32-8-----	Benzo (a) pyrene	330	U	
100-51-6-----	Benzyl alcohol	330	U	
111-91-1-----	Bis (2-chloroethoxy) methane	330	U	
111-44-4-----	Bis (2-chloroethyl) ether	330	U	
108-60-1-----	2,2'-Oxybis (1-Chloropropane)	330	U	
117-81-7-----	Bis (2-ethylhexyl) phthalate	180	J	
101-55-3-----	4-Bromophenyl phenyl ether	330	U	
85-68-7-----	Butyl benzyl phthalate	330	U	
106-47-8-----	4-Chloroaniline	330	U	
59-50-7-----	4-Chloro-3-methylphenol	330	U	
91-58-7-----	2-Chloronaphthalene	330	U	
95-57-8-----	2-Chlorophenol	330	U	
7005-72-3-----	4-Chlorophenyl phenyl ether	330	U	
218-01-9-----	Chrysene	330	U	
53-70-3-----	Dibenzo (a,h) anthracene	330	U	
132-64-9-----	Dibenzofuran	330	U	
84-74-2-----	Di-n-butyl phthalate	330	U	
95-50-1-----	1,2-Dichlorobenzene	330	U	
541-73-1-----	1,3-Dichlorobenzene	330	U	
106-46-7-----	1,4-Dichlorobenzene	330	U	
91-94-1-----	3,3'-Dichlorobenzidine	660	U	
120-83-2-----	2,4-Dichlorophenol	330	U	
84-66-2-----	Diethyl phthalate	330	U	
105-67-9-----	2,4-Dimethylphenol	330	U	
131-11-3-----	Dimethyl phthalate	330	U	

* Edit all 330 u to 350 u
" " 800 u to 880 u

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

000013

Client No.

SS-GP-16 (8-12) S-9

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: SSGP16

Matrix: (soil/water) SOIL

Lab Sample ID: A2443801

Sample wt/vol: 30.10 (g/mL) G

Lab File ID: Z51377.RR

Level: (low/med) LOW

Date Samp/Recv: 05/02/2002 05/04/2002

% Moisture: 7.4 decanted: (Y/N) N

Date Extracted: 05/07/2002

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 05/09/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

534-52-1-----	4,6-Dinitro-2-methylphenol	800	U	*
51-28-5-----	2,4-Dinitrophenol	800	U	
121-14-2-----	2,4-Dinitrotoluene	330	U	
606-20-2-----	2,6-Dinitrotoluene	330	U	
117-84-0-----	Di-n-octyl phthalate	330	U	
206-44-0-----	Fluoranthene	43	J	
86-73-7-----	Fluorene	330	U	
118-74-1-----	Hexachlorobenzene	330	U	
87-68-3-----	Hexachlorobutadiene	330	U	
77-47-4-----	Hexachlorocyclopentadiene	330	U	
67-72-1-----	Hexachloroethane	330	U	
193-39-5-----	Indeno(1,2,3-cd)pyrene	330	U	
78-59-1-----	Isophorone	330	U	
91-57-6-----	2-Methylnaphthalene	330	U	
95-48-7-----	2-Methylphenol	330	U	
106-44-5-----	4-Methylphenol	330	U	
91-20-3-----	Naphthalene	330	U	
88-74-4-----	2-Nitroaniline	800	U	
99-09-2-----	3-Nitroaniline	800	U	
100-01-6-----	4-Nitroaniline	800	U	
98-95-3-----	Nitrobenzene	330	U	
88-75-5-----	2-Nitrophenol	330	U	
100-02-7-----	4-Nitrophenol	800	U	
86-30-6-----	N-nitrosodiphenylamine	330	U	
621-64-7-----	N-Nitroso-Di-n-propylamine	330	U	
87-86-5-----	Pentachlorophenol	800	U	
85-01-8-----	Phenanthrene	330	U	
108-95-2-----	Phenol	330	U	
129-00-0-----	Pyrene	33	J	
120-82-1-----	1,2,4-Trichlorobenzene	330	U	
95-95-4-----	2,4,5-Trichlorophenol	330	U	
88-06-2-----	2,4,6-Trichlorophenol	330	U	

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

000027

Client No.

SS-GP-20 (12'-16') S-3

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: SS39A

Matrix: (soil/water) SOIL

Lab Sample ID: A2432504

Sample wt/vol: 30.57 (g/mL) G

Lab File ID: Z51343.RR

Level: (low/med) LOW

Date Samp/Recv: 05/01/2002 05/02/2002

% Moisture: 18.8 decanted: (Y/N) N

Date Extracted: 05/02/2002

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 05/03/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

83-32-9-----	Acenaphthene	330	U	→
208-96-8-----	Acenaphthylene	330	U	
120-12-7-----	Anthracene	33	J	
56-55-3-----	Benzo (a) anthracene	98	J	
205-99-2-----	Benzo (b) fluoranthene	82	J	
207-08-9-----	Benzo (k) fluoranthene	84	J	
191-24-2-----	Benzo (ghi) perylene	62	J	
50-32-8-----	Benzo (a) pyrene	96	J	
100-51-6-----	Benzyl alcohol	330	U	
111-91-1-----	Bis (2-chloroethoxy) methane	330	U	
111-44-4-----	Bis (2-chloroethyl) ether	330	U	
108-60-1-----	2,2'-Oxybis (1-Chloropropane)	330	U	
117-81-7-----	Bis (2-ethylhexyl) phthalate	140	J	
101-55-3-----	4-Bromophenyl phenyl ether	330	U	
85-68-7-----	Butyl benzyl phthalate	330	U	
106-47-8-----	4-Chloroaniline	330	U	
59-50-7-----	4-Chloro-3-methylphenol	330	U	
91-58-7-----	2-Chloronaphthalene	330	U	
95-57-8-----	2-Chlorophenol	330	U	
7005-72-3-----	4-Chlorophenyl phenyl ether	330	U	
218-01-9-----	Chrysene	110	J	
53-70-3-----	Dibenzo (a,h) anthracene	25	J	
132-64-9-----	Dibenzofuran	330	U	
84-74-2-----	Di-n-butyl phthalate	330	U	
95-50-1-----	1,2-Dichlorobenzene	330	U	
541-73-1-----	1,3-Dichlorobenzene	330	U	
106-46-7-----	1,4-Dichlorobenzene	330	U	
91-94-1-----	3,3'-Dichlorobenzidine	660	U	
120-83-2-----	2,4-Dichlorophenol	330	U	
84-66-2-----	Diethyl phthalate	330	U	
105-67-9-----	2,4-Dimethylphenol	330	U	
131-11-3-----	Dimethyl phthalate	330	U	

* Edit all 330 u to 400 u
" " 800 u to 1000 u

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

000028

Client No.

SS-GP-20 (12'-16') S-3

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: SS39A

Matrix: (soil/water) SOIL

Lab Sample ID: A2432504

Sample wt/vol: 30.57 (g/mL) G

Lab File ID: Z51343.RR

Level: (low/med) LOW

Date Samp/Recv: 05/01/2002 05/02/2002

% Moisture: 18.8 decanted: (Y/N) N

Date Extracted: 05/02/2002

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 05/03/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
534-52-1-----	4,6-Dinitro-2-methylphenol	800	U	*
51-28-5-----	2,4-Dinitrophenol	800	U	
121-14-2-----	2,4-Dinitrotoluene	330	U	
606-20-2-----	2,6-Dinitrotoluene	330	U	
117-84-0-----	Di-n-octyl phthalate	21	J	
206-44-0-----	Fluoranthene	210	J	
86-73-7-----	Fluorene	28	J	
118-74-1-----	Hexachlorobenzene	330	U	
87-68-3-----	Hexachlorobutadiene	330	U	
77-47-4-----	Hexachlorocyclopentadiene	330	U	
67-72-1-----	Hexachloroethane	330	U	
193-39-5-----	Indeno (1,2,3-cd) pyrene	57	J	
78-59-1-----	Isophorone	330	U	
91-57-6-----	2-Methylnaphthalene	330	U	
95-48-7-----	2-Methylphenol	330	U	
106-44-5-----	4-Methylphenol	330	U	
91-20-3-----	Naphthalene	56	J	
88-74-4-----	2-Nitroaniline	800	U	
99-09-2-----	3-Nitroaniline	800	U	
100-01-6-----	4-Nitroaniline	800	U	
98-95-3-----	Nitrobenzene	330	U	
88-75-5-----	2-Nitrophenol	330	U	
100-02-7-----	4-Nitrophenol	800	U	
86-30-6-----	N-nitrosodiphenylamine	330	U	
621-64-7-----	N-Nitroso-Di-n-propylamine	330	U	
87-86-5-----	Pentachlorophenol	800	U	
85-01-8-----	Phenanthrene	180	J	
108-95-2-----	Phenol	330	U	
129-00-0-----	Pyrene	190	J	
120-82-1-----	1,2,4-Trichlorobenzene	330	U	
95-95-4-----	2,4,5-Trichlorophenol	330	U	
88-06-2-----	2,4,6-Trichlorophenol	330	U	

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

000037

Client No.

SS-X-2

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: SS39A

Dup of SS-6P-20

Matrix: (soil/water) SOIL

Lab Sample ID: A2432505

Sample wt/vol: 30.24 (g/mL) G

Lab File ID: Z51344.RR

Level: (low/med) LOW

Date Samp/Recv: 05/01/2002 05/02/2002

% Moisture: 20.6 decanted: (Y/N) N

Date Extracted: 05/02/2002

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 05/03/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

83-32-9-----	Acenaphthene	330	U
208-96-8-----	Acenaphthylene	330	U
120-12-7-----	Anthracene	26	J
56-55-3-----	Benzo (a) anthracene	110	J
205-99-2-----	Benzo (b) fluoranthene	91	J
207-08-9-----	Benzo (k) fluoranthene	92	J
191-24-2-----	Benzo (ghi) perylene	61	J
50-32-8-----	Benzo (a) pyrene	100	J
100-51-6-----	Benzyl alcohol	330	U
111-91-1-----	Bis (2-chloroethoxy) methane	330	U
111-44-4-----	Bis (2-chloroethyl) ether	330	U
108-60-1-----	2,2'-Oxybis (1-Chloropropane)	330	U
117-81-7-----	Bis (2-ethylhexyl) phthalate	95	J
101-55-3-----	4-Bromophenyl phenyl ether	330	U
85-68-7-----	Butyl benzyl phthalate	330	U
106-47-8-----	4-Chloroaniline	330	U
59-50-7-----	4-Chloro-3-methylphenol	330	U
91-58-7-----	2-Chloronaphthalene	330	U
95-57-8-----	2-Chlorophenol	330	U
7005-72-3-----	4-Chlorophenyl phenyl ether	330	U
218-01-9-----	Chrysene	120	J
53-70-3-----	Dibenzo (a,h) anthracene	26	J
132-64-9-----	Dibenzofuran	330	U
84-74-2-----	Di-n-butyl phthalate	49	J
95-50-1-----	1,2-Dichlorobenzene	330	U
541-73-1-----	1,3-Dichlorobenzene	330	U
106-46-7-----	1,4-Dichlorobenzene	330	U
91-94-1-----	3,3'-Dichlorobenzidine	660	U
120-83-2-----	2,4-Dichlorophenol	330	U
84-66-2-----	Diethyl phthalate	330	U
105-67-9-----	2,4-Dimethylphenol	330	U
131-11-3-----	Dimethyl phthalate	330	U

* Edit all 330 u to 412 u
" " 800 u to 1030 u

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

000038

Client No.

SS-X-2

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: SS39A

Dup of SS-GP-20

Matrix: (soil/water) SOIL

Lab Sample ID: A2432505

Sample wt/vol: 30.24 (g/mL) G

Lab File ID: Z51344.RR

Level: (low/med) LOW

Date Samp/Recv: 05/01/2002 05/02/2002

% Moisture: 20.6 decanted: (Y/N) N

Date Extracted: 05/02/2002

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 05/03/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
534-52-1-----	4,6-Dinitro-2-methylphenol	800	U	
51-28-5-----	2,4-Dinitrophenol	800	U	
121-14-2-----	2,4-Dinitrotoluene	330	U	
606-20-2-----	2,6-Dinitrotoluene	330	U	
117-84-0-----	Di-n-octyl phthalate	30	J	
206-44-0-----	Fluoranthene	220	J	
86-73-7-----	Fluorene	22	J	
118-74-1-----	Hexachlorobenzene	330	U	
87-68-3-----	Hexachlorobutadiene	330	U	
77-47-4-----	Hexachlorocyclopentadiene	330	U	
67-72-1-----	Hexachloroethane	330	U	
193-39-5-----	Indeno(1,2,3-cd)pyrene	57	J	
78-59-1-----	Isophorone	330	U	
91-57-6-----	2-Methylnaphthalene	330	U	
95-48-7-----	2-Methylphenol	330	U	
106-44-5-----	4-Methylphenol	330	U	
91-20-3-----	Naphthalene	54	J	
88-74-4-----	2-Nitroaniline	800	U	
99-09-2-----	3-Nitroaniline	800	U	
100-01-6-----	4-Nitroaniline	800	U	
98-95-3-----	Nitrobenzene	330	U	
88-75-5-----	2-Nitrophenol	330	U	
100-02-7-----	4-Nitrophenol	800	U	
86-30-6-----	N-nitrosodiphenylamine	330	U	
621-64-7-----	N-Nitroso-Di-n-propylamine	330	U	
87-86-5-----	Pentachlorophenol	800	U	
85-01-8-----	Phenanthrene	140	J	
108-95-2-----	Phenol	330	U	
129-00-0-----	Pyrene	190	J	
120-82-1-----	1,2,4-Trichlorobenzene	330	U	
95-95-4-----	2,4,5-Trichlorophenol	330	U	
88-06-2-----	2,4,6-Trichlorophenol	330	U	

* See previous page

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

000029

Client No.

SS-GP-25 (8'-12') S-7

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: SS39A

Matrix: (soil/water) SOIL

Lab Sample ID: A2432501

Sample wt/vol: 30.87 (g/mL) G

Lab File ID: Z51338.RR

Level: (low/med) LOW

Date Samp/Recv: 04/26/2002 05/02/2002

% Moisture: 14.6 decanted: (Y/N) N

Date Extracted: 05/02/2002

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 05/03/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

83-32-9-----	Acenaphthene	330	U	★
208-96-8-----	Acenaphthylene	330	U	
120-12-7-----	Anthracene	330	U	
56-55-3-----	Benzo (a) anthracene	330	U	
205-99-2-----	Benzo (b) fluoranthene	330	U	
207-08-9-----	Benzo (k) fluoranthene	330	U	
191-24-2-----	Benzo (ghi) perylene	330	U	
50-32-8-----	Benzo (a) pyrene	330	U	
100-51-6-----	Benzyl alcohol	330	U	
111-91-1-----	Bis (2-chloroethoxy) methane	330	U	
111-44-4-----	Bis (2-chloroethyl) ether	330	U	
108-60-1-----	2,2'-Oxybis (1-Chloropropane)	330	U	
117-81-7-----	Bis (2-ethylhexyl) phthalate	37	J	
101-55-3-----	4-Bromophenyl phenyl ether	330	U	
85-68-7-----	Butyl benzyl phthalate	330	U	
106-47-8-----	4-Chloroaniline	330	U	
59-50-7-----	4-Chloro-3-methylphenol	330	U	
91-58-7-----	2-Chloronaphthalene	330	U	
95-57-8-----	2-Chlorophenol	330	U	
7005-72-3-----	4-Chlorophenyl phenyl ether	330	U	
218-01-9-----	Chrysene	330	U	
53-70-3-----	Dibenzo (a,h) anthracene	330	U	
132-64-9-----	Dibenzofuran	330	U	
84-74-2-----	Di-n-butyl phthalate	330	U	
95-50-1-----	1,2-Dichlorobenzene	330	U	
541-73-1-----	1,3-Dichlorobenzene	330	U	
106-46-7-----	1,4-Dichlorobenzene	330	U	
91-94-1-----	3,3'-Dichlorobenzidine	660	U	
120-83-2-----	2,4-Dichlorophenol	330	U	
84-66-2-----	Diethyl phthalate	330	U	
105-67-9-----	2,4-Dimethylphenol	330	U	
131-11-3-----	Dimethyl phthalate	330	U	

* Edit all 330 u to 380 u

" " 800 u to 940 u

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

000030

Client No.

SS-GP-25 (8'-12')S-7

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: SS39A

Matrix: (soil/water) SOIL

Lab Sample ID: A2432501

Sample wt/vol: 30.87 (g/mL) G

Lab File ID: Z51338.RR

Level: (low/med) LOW

Date Samp/Recv: 04/26/2002 05/02/2002

% Moisture: 14.6 decanted: (Y/N) N

Date Extracted: 05/02/2002

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 05/03/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

534-52-1-----	4,6-Dinitro-2-methylphenol	800	U
51-28-5-----	2,4-Dinitrophenol	800	U
121-14-2-----	2,4-Dinitrotoluene	330	U
606-20-2-----	2,6-Dinitrotoluene	330	U
117-84-0-----	Di-n-octyl phthalate	330	U
206-44-0-----	Fluoranthene	330	U
86-73-7-----	Fluorene	330	U
118-74-1-----	Hexachlorobenzene	330	U
87-68-3-----	Hexachlorobutadiene	330	U
77-47-4-----	Hexachlorocyclopentadiene	330	U
67-72-1-----	Hexachloroethane	330	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	330	U
78-59-1-----	Isophorone	330	U
91-57-6-----	2-Methylnaphthalene	330	U
95-48-7-----	2-Methylphenol	330	U
106-44-5-----	4-Methylphenol	31	J
91-20-3-----	Naphthalene	330	U
88-74-4-----	2-Nitroaniline	800	U
99-09-2-----	3-Nitroaniline	800	U
100-01-6-----	4-Nitroaniline	800	U
98-95-3-----	Nitrobenzene	330	U
88-75-5-----	2-Nitrophenol	330	U
100-02-7-----	4-Nitrophenol	800	U
86-30-6-----	N-nitrosodiphenylamine	330	U
621-64-7-----	N-Nitroso-Di-n-propylamine	330	U
87-86-5-----	Pentachlorophenol	800	U
85-01-8-----	Phenanthrene	330	U
108-95-2-----	Phenol	330	U
129-00-0-----	Pyrene	330	U
120-82-1-----	1,2,4-Trichlorobenzene	330	U
95-95-4-----	2,4,5-Trichlorophenol	330	U
88-06-2-----	2,4,6-Trichlorophenol	330	U

* See previous page

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

000031

Client No.

SS-GP-26 (12' -14') S-4

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: SS39A

Matrix: (soil/water) SOIL

Lab Sample ID: A2432503

Sample wt/vol: 30.11 (g/mL) G

Lab File ID: Z51342.RR

Level: (low/med) LOW

Date Samp/Recv: 04/30/2002 05/02/2002

% Moisture: 13.0 decanted: (Y/N) N

Date Extracted: 05/02/2002

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 05/03/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
83-32-9	Acenaphthene	330	U	*
208-96-8	Acenaphthylene	330	U	
120-12-7	Anthracene	330	U	
56-55-3	Benzo(a) anthracene	330	U	
205-99-2	Benzo(b) fluoranthene	330	U	
207-08-9	Benzo(k) fluoranthene	330	U	
191-24-2	Benzo(ghi) perylene	330	U	
50-32-8	Benzo(a) pyrene	330	U	
100-51-6	Benzyl alcohol	330	U	
111-91-1	Bis(2-chloroethoxy) methane	330	U	
111-44-4	Bis(2-chloroethyl) ether	330	U	
108-60-1	2,2'-Oxybis(1-Chloropropane)	330	U	
117-81-7	Bis(2-ethylhexyl) phthalate	330	U	
101-55-3	4-Bromophenyl phenyl ether	330	U	
85-68-7	Butyl benzyl phthalate	330	U	
106-47-8	4-Chloroaniline	330	U	
59-50-7	4-Chloro-3-methylphenol	330	U	
91-58-7	2-Chloronaphthalene	330	U	
95-57-8	2-Chlorophenol	330	U	
7005-72-3	4-Chlorophenyl phenyl ether	330	U	
218-01-9	Chrysene	330	U	
53-70-3	Dibenzo(a,h) anthracene	330	U	
132-64-9	Dibenzofuran	330	U	
84-74-2	Di-n-butyl phthalate	330	U	
95-50-1	1,2-Dichlorobenzene	330	U	
541-73-1	1,3-Dichlorobenzene	330	U	
106-46-7	1,4-Dichlorobenzene	330	U	
91-94-1	3,3'-Dichlorobenzidine	660	U	
120-83-2	2,4-Dichlorophenol	330	U	
84-66-2	Diethyl phthalate	330	U	
105-67-9	2,4-Dimethylphenol	330	U	
131-11-3	Dimethyl phthalate	330	U	

* Edit all 330 u to 380 u
" " 800 u to 940 u

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

000032

Client No.

SS-GP-26 (12'-14') S-4

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: SS39A

Matrix: (soil/water) SOIL

Lab Sample ID: A2432503

Sample wt/vol: 30.11 (g/mL) G

Lab File ID: Z51342.RR

Level: (low/med) LOW

Date Samp/Recv: 04/30/2002 05/02/2002

% Moisture: 13.0 decanted: (Y/N) N

Date Extracted: 05/02/2002

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 05/03/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

534-52-1-----	4,6-Dinitro-2-methylphenol	800	U	x
51-28-5-----	2,4-Dinitrophenol	800	U	
121-14-2-----	2,4-Dinitrotoluene	330	U	
606-20-2-----	2,6-Dinitrotoluene	330	U	
117-84-0-----	Di-n-octyl phthalate	330	U	
206-44-0-----	Fluoranthene	330	U	
86-73-7-----	Fluorene	330	U	
118-74-1-----	Hexachlorobenzene	330	U	
87-68-3-----	Hexachlorobutadiene	330	U	
77-47-4-----	Hexachlorocyclopentadiene	330	U	
67-72-1-----	Hexachloroethane	330	U	
193-39-5-----	Indeno (1,2,3-cd) pyrene	330	U	
78-59-1-----	Isophorone	330	U	
91-57-6-----	2-Methylnaphthalene	330	U	
95-48-7-----	2-Methylphenol	330	U	
106-44-5-----	4-Methylphenol	330	U	
91-20-3-----	Naphthalene	330	U	
88-74-4-----	2-Nitroaniline	800	U	
99-09-2-----	3-Nitroaniline	800	U	
100-01-6-----	4-Nitroaniline	800	U	
98-95-3-----	Nitrobenzene	330	U	
88-75-5-----	2-Nitrophenol	330	U	
100-02-7-----	4-Nitrophenol	800	U	
86-30-6-----	N-nitrosodiphenylamine	330	U	
621-64-7-----	N-Nitroso-Di-n-propylamine	330	U	
87-86-5-----	Pentachlorophenol	800	U	
85-01-8-----	Phenanthrene	330	U	
108-95-2-----	Phenol	330	U	
129-00-0-----	Pyrene	330	U	
120-82-1-----	1,2,4-Trichlorobenzene	330	U	
95-95-4-----	2,4,5-Trichlorophenol	330	U	
88-06-2-----	2,4,6-Trichlorophenol	330	U	

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

000025

Client No.

SS-00-32-S-6(12'-16)

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: SS39A

Matrix: (soil/water) SOIL

Lab Sample ID: A2415501RI

Sample wt/vol: 30.75 (g/mL) G

Lab File ID: W47166.RR

Level: (low/med) LOW

Date Samp/Recv: 04/23/2002 04/27/2002

% Moisture: 7.2 decanted: (Y/N) N

Date Extracted: 04/29/2002

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 04/30/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
83-32-9-----	Acenaphthene	330	U	
208-96-8-----	Acenaphthylene	330	U	
120-12-7-----	Anthracene	330	U	
56-55-3-----	Benzo (a) anthracene	330	U	
205-99-2-----	Benzo (b) fluoranthene	330	U	
207-08-9-----	Benzo (k) fluoranthene	330	U	
191-24-2-----	Benzo (ghi) perylene	330	U	
50-32-8-----	Benzo (a) pyrene	330	U	
100-51-6-----	Benzyl alcohol	330	U	
111-91-1-----	Bis(2-chloroethoxy) methane	330	U	
111-44-4-----	Bis(2-chloroethyl) ether	330	U	
108-60-1-----	2,2'-Oxybis(1-Chloropropane)	330	U	
117-81-7-----	Bis(2-ethylhexyl) phthalate	330	U	
101-55-3-----	4-Bromophenyl phenyl ether	330	U	
85-68-7-----	Butyl benzyl phthalate	330	U	
106-47-8-----	4-Chloroaniline	330	U	
59-50-7-----	4-Chloro-3-methylphenol	330	U	
91-58-7-----	2-Chloronaphthalene	330	U	
95-57-8-----	2-Chlorophenol	330	U	
7005-72-3----	4-Chlorophenyl phenyl ether	330	U	
218-01-9-----	Chrysene	330	U	
53-70-3-----	Dibenzo (a,h) anthracene	330	U	
132-64-9-----	Dibenzofuran	330	U	
84-74-2-----	Di-n-butyl phthalate	330	U	
95-50-1-----	1,2-Dichlorobenzene	330	U	
541-73-1-----	1,3-Dichlorobenzene	330	U	
106-46-7-----	1,4-Dichlorobenzene	330	U	
91-94-1-----	3,3'-Dichlorobenzidine	660	U	
120-83-2-----	2,4-Dichlorophenol	330	U	
84-66-2-----	Diethyl phthalate	330	U	
105-67-9-----	2,4-Dimethylphenol	330	U	
131-11-3-----	Dimethyl phthalate	330	U	

* Edit all 330 u to 350 u

FORM I - GC/MS BNA " " 800 u to 860 u

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

0000026

Client No.

SS-~~GD~~-32-S-6(12'-16)

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: SS39A

Matrix: (soil/water) SOIL

Lab Sample ID: A2415501RI

Sample wt/vol: 30.75 (g/mL) G

Lab File ID: W47166.RR

Level: (low/med) LOW

Date Samp/Recv: 04/23/2002 04/27/2002

% Moisture: 7.2 decanted: (Y/N) N

Date Extracted: 04/29/2002

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 04/30/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
534-52-1-----	4,6-Dinitro-2-methylphenol	800	U	J
51-28-5-----	2,4-Dinitrophenol	800	U	
121-14-2-----	2,4-Dinitrotoluene	330	U	
606-20-2-----	2,6-Dinitrotoluene	330	U	
117-84-0-----	Di-n-octyl phthalate	330	U	J
206-44-0-----	Fluoranthene	330	U	
86-73-7-----	Fluorene	330	U	
118-74-1-----	Hexachlorobenzene	330	U	
87-68-3-----	Hexachlorobutadiene	330	U	J
77-47-4-----	Hexachlorocyclopentadiene	330	U	
67-72-1-----	Hexachloroethane	330	U	
193-39-5-----	Indeno(1,2,3-cd)pyrene	330	U	J
78-59-1-----	Isophorone	330	U	
91-57-6-----	2-Methylnaphthalene	330	U	J
95-48-7-----	2-Methylphenol	330	U	
106-44-5-----	4-Methylphenol	330	U	
91-20-3-----	Naphthalene	330	U	J
88-74-4-----	2-Nitroaniline	800	U	
99-09-2-----	3-Nitroaniline	800	U	
100-01-6-----	4-Nitroaniline	800	U	J
98-95-3-----	Nitrobenzene	330	U	J
88-75-5-----	2-Nitrophenol	330	U	J
100-02-7-----	4-Nitrophenol	800	U	J
86-30-6-----	N-nitrosodiphenylamine	330	U	
621-64-7-----	N-Nitroso-Di-n-propylamine	330	U	
87-86-5-----	Pentachlorophenol	800	U	
85-01-8-----	Phenanthrene	330	U	
108-95-2-----	Phenol	330	U	
129-00-0-----	Pyrene	330	U	J
120-82-1-----	1,2,4-Trichlorobenzene	330	U	
95-95-4-----	2,4,5-Trichlorophenol	330	U	
88-06-2-----	2,4,6-Trichlorophenol	330	U	

* See previous page

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

000033

Client No.

SS-GP-33 (12'-16') S-5

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: SS39A

Matrix: (soil/water) SOIL

Lab Sample ID: A2432502

Sample wt/vol: 30.56 (g/mL) G

Lab File ID: Z51339.RR

Level: (low/med) LOW

Date Samp/Recv: 04/30/2002 05/02/2002

% Moisture: 14.3 decanted: (Y/N) N

Date Extracted: 05/02/2002

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 05/03/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
83-32-9-----	Acenaphthene	330	U	★
208-96-8-----	Acenaphthylene	330	U	
120-12-7-----	Anthracene	330	U	
56-55-3-----	Benzo (a) anthracene	330	U	
205-99-2-----	Benzo (b) fluoranthene	330	U	
207-08-9-----	Benzo (k) fluoranthene	330	U	
191-24-2-----	Benzo (ghi) perylene	330	U	
50-32-8-----	Benzo (a) pyrene	330	U	
100-51-6-----	Benzyl alcohol	330	U	
111-91-1-----	Bis (2-chloroethoxy) methane	330	U	
111-44-4-----	Bis (2-chloroethyl) ether	330	U	
108-60-1-----	2,2'-Oxybis (1-Chloropropane)	330	U	
117-81-7-----	Bis (2-ethylhexyl) phthalate	150	J	
101-55-3-----	4-Bromophenyl phenyl ether	330	U	
85-68-7-----	Butyl benzyl phthalate	330	U	
106-47-8-----	4-Chloroaniline	330	U	
59-50-7-----	4-Chloro-3-methylphenol	330	U	
91-58-7-----	2-Chloronaphthalene	330	U	
95-57-8-----	2-Chlorophenol	330	U	
7005-72-3-----	4-Chlorophenyl phenyl ether	330	U	
218-01-9-----	Chrysene	330	U	
53-70-3-----	Dibenzo (a, h) anthracene	330	U	
132-64-9-----	Dibenzofuran	330	U	
84-74-2-----	Di-n-butyl phthalate	330	U	
95-50-1-----	1,2-Dichlorobenzene	330	U	
541-73-1-----	1,3-Dichlorobenzene	330	U	
106-46-7-----	1,4-Dichlorobenzene	330	U	
91-94-1-----	3,3'-Dichlorobenzidine	660	U	
120-83-2-----	2,4-Dichlorophenol	330	U	
84-66-2-----	Diethyl phthalate	330	U	
105-67-9-----	2,4-Dimethylphenol	330	U	
131-11-3-----	Dimethyl phthalate	330	U	

* Edit all 330 to 380
" " 800 to 940

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

000034

Client No.

SS-GP-33 (12'-16') S-5

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: SS39A

Matrix: (soil/water) SOIL

Lab Sample ID: A2432502

Sample wt/vol: 30.56 (g/mL) G

Lab File ID: Z51339.RR

Level: (low/med) LOW

Date Samp/Recv: 04/30/2002 05/02/2002

% Moisture: 14.3 decanted: (Y/N) N

Date Extracted: 05/02/2002

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 05/03/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

534-52-1-----	4,6-Dinitro-2-methylphenol	800	U	★
51-28-5-----	2,4-Dinitrophenol	800	U	
121-14-2-----	2,4-Dinitrotoluene	330	U	
606-20-2-----	2,6-Dinitrotoluene	330	U	
117-84-0-----	Di-n-octyl phthalate	330	U	
206-44-0-----	Fluoranthene	330	U	
86-73-7-----	Fluorene	330	U	
118-74-1-----	Hexachlorobenzene	330	U	
87-68-3-----	Hexachlorobutadiene	330	U	
77-47-4-----	Hexachlorocyclopentadiene	330	U	
67-72-1-----	Hexachloroethane	330	U	
193-39-5-----	Indeno (1,2,3-cd) pyrene	330	U	
78-59-1-----	Isophorone	330	U	
91-57-6-----	2-Methylnaphthalene	330	U	
95-48-7-----	2-Methylphenol	330	U	
106-44-5-----	4-Methylphenol	330	U	
91-20-3-----	Naphthalene	330	U	
88-74-4-----	2-Nitroaniline	800	U	
99-09-2-----	3-Nitroaniline	800	U	
100-01-6-----	4-Nitroaniline	800	U	
98-95-3-----	Nitrobenzene	330	U	
88-75-5-----	2-Nitrophenol	330	U	
100-02-7-----	4-Nitrophenol	800	U	
86-30-6-----	N-nitrosodiphenylamine	330	U	
621-64-7-----	N-Nitroso-Di-n-propylamine	330	U	
87-86-5-----	Pentachlorophenol	800	U	
85-01-8-----	Phenanthrene	330	U	
108-95-2-----	Phenol	330	U	
129-00-0-----	Pyrene	330	U	
120-82-1-----	1,2,4-Trichlorobenzene	330	U	
95-95-4-----	2,4,5-Trichlorophenol	330	U	
88-06-2-----	2,4,6-Trichlorophenol	330	U	

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

000019

Client No.

SS-39 (8-12BS) S-2

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: SS39A

Matrix: (soil/water) SOIL

Lab Sample ID: A2400001

Sample wt/vol: 30.54 (g/mL) G

Lab File ID: Z51281.RR

Level: (low/med) LOW

Date Samp/Recv: 04/22/2002 04/24/2002

% Moisture: 16.6 decanted: (Y/N) N

Date Extracted: 04/25/2002

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 04/26/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
83-32-9-----	Acenaphthene	330	U	
208-96-8-----	Acenaphthylene	330	U	
120-12-7-----	Anthracene	330	U	
56-55-3-----	Benzo (a) anthracene	330	U	
205-99-2-----	Benzo (b) fluoranthene	330	U	
207-08-9-----	Benzo (k) fluoranthene	330	U	
191-24-2-----	Benzo (ghi) perylene	330	U	
50-32-8-----	Benzo (a) pyrene	330	U	
100-51-6-----	Benzyl alcohol	330	U	
111-91-1-----	Bis (2-chloroethoxy) methane	330	U	
111-44-4-----	Bis (2-chloroethyl) ether	330	U	
108-60-1-----	2,2'-Oxybis (1-Chloropropane)	330	U	
117-81-7-----	Bis (2-ethylhexyl) phthalate	330	U	
101-55-3-----	4-Bromophenyl phenyl ether	330	U	
85-68-7-----	Butyl benzyl phthalate	330	U	
106-47-8-----	4-Chloroaniline	330	U	
59-50-7-----	4-Chloro-3-methylphenol	330	U	
91-58-7-----	2-Chloronaphthalene	330	U	
95-57-8-----	2-Chlorophenol	330	U	
7005-72-3-----	4-Chlorophenyl phenyl ether	330	U	
218-01-9-----	Chrysene	330	U	
53-70-3-----	Dibenzo (a, h) anthracene	330	U	
132-64-9-----	Dibenzofuran	330	U	
84-74-2-----	Di-n-butyl phthalate	330	U	
95-50-1-----	1,2-Dichlorobenzene	330	U	
541-73-1-----	1,3-Dichlorobenzene	330	U	
106-46-7-----	1,4-Dichlorobenzene	330	U	
91-94-1-----	3,3'-Dichlorobenzidine	660	U	
120-83-2-----	2,4-Dichlorophenol	330	U	
84-66-2-----	Diethyl phthalate	330	U	
105-67-9-----	2,4-Dimethylphenol	330	U	
131-11-3-----	Dimethyl phthalate	330	U	

* Edit all 330 U to 390 U
248
800 U to 970 U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

PM 000020
Client No.

SS-39(8-12BS)S-2

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: SS39A

Matrix: (soil/water) SOIL

Lab Sample ID: A2400001

Sample wt/vol: 30.54 (g/mL) G

Lab File ID: Z51281.RR

Level: (low/med) LOW

Date Samp/Recv: 04/22/2002 04/24/2002

% Moisture: 16.6 decanted: (Y/N) N

Date Extracted: 04/25/2002

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 04/26/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
534-52-1-----	4,6-Dinitro-2-methylphenol	800	U	*
51-28-5-----	2,4-Dinitrophenol	800	U	
121-14-2-----	2,4-Dinitrotoluene	330	U	
606-20-2-----	2,6-Dinitrotoluene	330	U	
117-84-0-----	Di-n-octyl phthalate	330	U	
206-44-0-----	Fluoranthene	330	U	
86-73-7-----	Fluorene	330	U	
118-74-1-----	Hexachlorobenzene	330	U	
87-68-3-----	Hexachlorobutadiene	330	U	
77-47-4-----	Hexachlorocyclopentadiene	330	U	
67-72-1-----	Hexachloroethane	330	U	
193-39-5-----	Indeno(1,2,3-cd)pyrene	330	U	
78-59-1-----	Isophorone	330	U	
91-57-6-----	2-Methylnaphthalene	330	U	
95-48-7-----	2-Methylphenol	330	U	
106-44-5-----	4-Methylphenol	330	U	
91-20-3-----	Naphthalene	330	U	
88-74-4-----	2-Nitroaniline	800	U	
99-09-2-----	3-Nitroaniline	800	U	
100-01-6-----	4-Nitroaniline	800	U	
98-95-3-----	Nitrobenzene	330	U	
88-75-5-----	2-Nitrophenol	330	U	
100-02-7-----	4-Nitrophenol	800	U	
86-30-6-----	N-nitrosodiphenylamine	330	U	
621-64-7-----	N-Nitroso-Di-n-propylamine	330	U	
87-86-5-----	Pentachlorophenol	800	U	
85-01-8-----	Phenanthrene	330	U	
108-95-2-----	Phenol	330	U	
129-00-0-----	Pyrene	330	U	
120-82-1-----	1,2,4-Trichlorobenzene	330	U	
95-95-4-----	2,4,5-Trichlorophenol	330	U	
88-06-2-----	2,4,6-Trichlorophenol	330	U	

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

000048 *MP*
Client No.
SS-~~GD~~-7(0-4)S-1

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SS39A

Matrix: (soil/water) SOIL Lab Sample ID: A2411301

Sample wt/vol: 30.58 (g/mL) G Lab File ID: NA07405.TX0

% Moisture: 22.6 decanted: (Y/N) N Date Samp/Recv: 04/24/2002 04/26/2002

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 04/29/2002

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 05/01/2002

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

12674-11-2----	Aroclor 1016	42	U
11104-28-2----	Aroclor 1221	42	U
11141-16-5----	Aroclor 1232	42	U
53469-21-9----	Aroclor 1242	42	U
12672-29-6----	Aroclor 1248	42	U
11097-69-1----	Aroclor 1254	42	U
11096-82-5----	Aroclor 1260	42	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

000017

Client No.

SS-GP-16 (8-12) S-9

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SSGP16

Matrix: (soil/water) SOIL

Lab Sample ID: A2443801

Sample wt/vol: 30.44 (g/mL) G

Lab File ID: NA08140.TX0

% Moisture: 7.4 decanted: (Y/N) N

Date Samp/Recv: 05/02/2002 05/04/2002

Extraction: (SepF/Cont/Sonc/Soxh): SONC

Date Extracted: 05/08/2002

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 05/14/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH:

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.

COMPOUND

Q

12674-11-2----	Aroclor 1016
11104-28-2----	Aroclor 1221
11141-16-5----	Aroclor 1232
53469-21-9----	Aroclor 1242
12672-29-6----	Aroclor 1248
11097-69-1----	Aroclor 1254
11096-82-5----	Aroclor 1260

18 85
85
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170
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METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

000053

Client No.

SS-GP-20(12-16)S-3

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: SS39A

Matrix: (soil/water) SOIL

Lab Sample ID: A2432504

Sample wt/vol: 30.50 (g/mL) G

Lab File ID: NA08033.TX0

% Moisture: 18.8 decanted: (Y/N) N

Date Samp/Recv: 05/01/2002 05/02/2002

Extraction: (SepF/Cont/Sonc/Soxh): SONC

Date Extracted: 05/02/2002

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 05/06/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH:

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) <u>UG/KG</u>	<u>Q</u>
12674-11-2----	Aroclor 1016	40	U
11104-28-2----	Aroclor 1221	40	U
11141-16-5----	Aroclor 1232	40	U
53469-21-9----	Aroclor 1242	40	U
12672-29-6----	Aroclor 1248	40	U
11097-69-1----	Aroclor 1254	40	U
11096-82-5----	Aroclor 1260	40	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

000054

Client No.

Lab Name: STL Buffalo

Contract: _____

SS-X-2

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: SS39A

Dup of SS-GP-20

Matrix: (soil/water) SOIL

Lab Sample ID: A2432505

Sample wt/vol: 30.96 (g/mL) G

Lab File ID: NA08034.TX0

% Moisture: 20.6 decanted: (Y/N) N

Date Samp/Recv: 05/01/2002 05/02/2002

Extraction: (SepF/Cont/Sonc/Soxh): SONC

Date Extracted: 05/02/2002

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 05/06/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH:

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

CAS NO.	COMPOUND		
12674-11-2----	Aroclor 1016	40	U
11104-28-2----	Aroclor 1221	40	U
11141-16-5----	Aroclor 1232	40	U
53469-21-9----	Aroclor 1242	40	U
12672-29-6----	Aroclor 1248	40	U
11097-69-1----	Aroclor 1254	40	U
11096-82-5----	Aroclor 1260	40	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

000050

Client No.

SS-GP-25(8-12)S-7

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SS39A

Matrix: (soil/water) SOIL Lab Sample ID: A2432501

Sample wt/vol: 30.10 (g/mL) G Lab File ID: NA08026.TX0

% Moisture: 14.6 decanted: (Y/N) N Date Samp/Recv: 04/26/2002 05/02/2002

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 05/02/2002

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 05/06/2002

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

12674-11-2----	Aroclor 1016	38	U
11104-28-2----	Aroclor 1221	38	U
11141-16-5----	Aroclor 1232	38	U
53469-21-9----	Aroclor 1242	38	U
12672-29-6----	Aroclor 1248	38	U
11097-69-1----	Aroclor 1254	38	U
11096-82-5----	Aroclor 1260	38	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

000052

Client No.

SS-GP-26(12-14)S-4

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: SS39A

Matrix: (soil/water) SOIL

Lab Sample ID: A2432503

Sample wt/vol: 30.38 (g/mL) G

Lab File ID: NA08032.TX0

% Moisture: 13.0 decanted: (Y/N) N

Date Samp/Recv: 04/30/2002 05/02/2002

Extraction: (SepF/Cont/Sonc/Soxh): SONC

Date Extracted: 05/02/2002

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 05/06/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH:

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

CAS NO.	COMPOUND		
12674-11-2----	Aroclor 1016	37	U
11104-28-2----	Aroclor 1221	37	U
11141-16-5----	Aroclor 1232	37	U
53469-21-9----	Aroclor 1242	37	U
12672-29-6----	Aroclor 1248	37	U
11097-69-1----	Aroclor 1254	37	U
11096-82-5----	Aroclor 1260	37	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

000049

Client No.

SS-~~00~~-32-S-6 (12-16)

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: SS39A

Matrix: (soil/water) SOIL

Lab Sample ID: A2415501

Sample wt/vol: 30.49 (g/mL) G

Lab File ID: NA07406.TX0

% Moisture: 7.2 decanted: (Y/N) N

Date Samp/Recv: 04/23/2002 04/27/2002

Extraction: (SepF/Cont/Sonc/Soxh): SONC

Date Extracted: 04/29/2002

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 05/01/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH:

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) <u>UG/KG</u>	<u>Q</u>
12674-11-2----	Aroclor 1016	35	U
11104-28-2----	Aroclor 1221	35	U
11141-16-5----	Aroclor 1232	35	U
53469-21-9----	Aroclor 1242	35	U
12672-29-6----	Aroclor 1248	35	U
11097-69-1----	Aroclor 1254	35	U
11096-82-5----	Aroclor 1260	35	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

000051

Client No.

SS-GP-33 (12-16) S-5

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: SS39A

Matrix: (soil/water) SOIL

Lab Sample ID: A2432502

Sample wt/vol: 30.70 (g/mL) G

Lab File ID: NA08029.TX0

% Moisture: 14.3 decanted: (Y/N) Y

Date Samp/Recv: 04/30/2002 05/02/2002

Extraction: (SepF/Cont/Sonc/Soxh): SONC

Date Extracted: 05/02/2002

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 05/06/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH:

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

CAS NO.	COMPOUND		
12674-11-2----	Aroclor 1016	38	U
11104-28-2----	Aroclor 1221	38	U
11141-16-5----	Aroclor 1232	38	U
53469-21-9----	Aroclor 1242	38	U
12672-29-6----	Aroclor 1248	38	U
11097-69-1----	Aroclor 1254	38	U
11096-82-5----	Aroclor 1260	38	U

METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

000047

Client No.

SS-39 (8-12BS) S-2

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: SS39A

Matrix: (soil/water) SOIL

Lab Sample ID: A2400001

Sample wt/vol: 30.86 (g/mL) G

Lab File ID: SA01429.TX0

% Moisture: 16.6 decanted: (Y/N) N

Date Samp/Recv: 04/22/2002 04/24/2002

Extraction: (SepF/Cont/Sonc/Soxh): SONC

Date Extracted: 04/25/2002

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 04/26/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH:

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) <u>UG/KG</u>	<u>Q</u>
12674-11-2----	Aroclor 1016	38	U
11104-28-2----	Aroclor 1221	38	U
11141-16-5----	Aroclor 1232	38	U
53469-21-9----	Aroclor 1242	38	U
12672-29-6----	Aroclor 1248	38	U
11097-69-1----	Aroclor 1254	38	U
11096-82-5----	Aroclor 1260	38	U

METHOD 8081 - TCL PESTICIDES
ANALYSIS DATA SHEET

000040

Client No.

SS-~~07~~-7(0-4)S-1

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: SS39A

Matrix: (soil/water) SOIL

Lab Sample ID: A2411301

Sample wt/vol: 30.92 (g/mL) G

Lab File ID: RB15159.TX0

% Moisture: 22.6 decanted: (Y/N) N

Date Samp/Recv: 04/24/2002 04/26/2002

Extraction: (SepF/Cont/Sonc/Soxh): SONC

Date Extracted: 04/29/2002

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 05/08/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 10.00

GPC Cleanup: (Y/N) N pH:

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

CAS NO.	COMPOUND		
309-00-2-----	Aldrin	21	U
319-84-6-----	alpha-BHC	21	U
319-85-7-----	beta-BHC	21	U
58-89-9-----	gamma-BHC (Lindane)	21	U
319-86-8-----	delta-BHC	21	U
57-74-9-----	Chlordane	210	U
72-54-8-----	4,4'-DDD	21	U
72-55-9-----	4,4'-DDE	26	U
50-29-3-----	4,4'-DDT	34	U
60-57-1-----	Dieldrin	130	U
959-98-8-----	Endosulfan I	21	U
33213-65-9----	Endosulfan II	21	U
1031-07-8-----	Endosulfan Sulfate	21	U
72-20-8-----	Endrin	21	U
7421-93-4-----	Endrin aldehyde	21	U
76-44-8-----	Heptachlor	21	U
1024-57-3-----	Heptachlor epoxide	21	U
72-43-5-----	Methoxychlor	21	U
8001-35-2-----	Toxaphene	500	U
53494-70-5----	Endrin ketone	21	U

METHOD 8081 - TCL PESTICIDES
ANALYSIS DATA SHEET

000015

Client No.

SS-GP-16 (8-12) S-9

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: SSGP16

Matrix: (soil/water) SOIL

Lab Sample ID: A2443801

Sample wt/vol: 30.39 (g/mL) G

Lab File ID: RB15172.TX0

% Moisture: 7.4 decanted: (Y/N) N

Date Samp/Recv: 05/02/2002 05/04/2002

Extraction: (SepF/Cont/Sonc/Soxh): SONC

Date Extracted: 05/08/2002

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 05/08/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH:

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

CAS NO.	COMPOUND			
309-00-2-----	Aldrin	1.8	8.0	U
319-84-6-----	alpha-BHC		8.0	U
319-85-7-----	beta-BHC		8.0	U
58-89-9-----	gamma-BHC (Lindane)		8.0	U
319-86-8-----	delta-BHC		8.0	U
57-74-9-----	Chlordane	1.8	8.0	U
72-54-8-----	4,4'-DDD	1.8	16	U
72-55-9-----	4,4'-DDE		16	U
50-29-3-----	4,4'-DDT		16	U
60-57-1-----	Dieldrin		16	U
959-98-8-----	Endosulfan I		16	U
33213-65-9---	Endosulfan II		16	U
1031-07-8-----	Endosulfan Sulfate		16	U
72-20-8-----	Endrin		16	U
7421-93-4-----	Endrin aldehyde		32	U
76-44-8-----	Heptachlor		8.0	U
1024-57-3-----	Heptachlor epoxide		8.0	U
72-43-5-----	Methoxychlor		8.0	U
8001-35-2-----	Toxaphene	43	160	U
53494-70-5----	Endrin ketone	1.8	32	U

METHOD 8081 - TCL PESTICIDES
ANALYSIS DATA SHEET

000045

Client No.

SS-GP-20(12-16)S-3

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SS39A

Matrix: (soil/water) SOIL Lab Sample ID: A2432504

Sample wt/vol: 30.23 (g/mL) G Lab File ID: RB15196.TX0

% Moisture: 18.8 decanted: (Y/N) N Date Samp/Recv: 05/01/2002 05/02/2002

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 05/03/2002

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 05/09/2002

Injection Volume: 1.00 (uL) Dilution Factor: 4.00

GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) <u>UG/KG</u>	<u>Q</u>
309-00-2-----	Aldrin	8.3	U
319-84-6-----	alpha-BHC	8.3	U
319-85-7-----	beta-BHC	8.3	U
58-89-9-----	gamma-BHC (Lindane)	8.3	U
319-86-8-----	delta-BHC	8.3	U
57-74-9-----	Chlordane	48	J
72-54-8-----	4,4'-DDD	8.3	U
72-55-9-----	4,4'-DDE	8.3	U
50-29-3-----	4,4'-DDT	8.3	U
60-57-1-----	Dieldrin	8.3	U
959-98-8-----	Endosulfan I	8.3	U
33213-65-9----	Endosulfan II	8.3	U
1031-07-8-----	Endosulfan Sulfate	8.3	U
72-20-8-----	Endrin	8.3	U
7421-93-4-----	Endrin aldehyde	8.3	U
76-44-8-----	Heptachlor	8.3	U
1024-57-3-----	Heptachlor epoxide	8.3	U
72-43-5-----	Methoxychlor	8.3	U
8001-35-2-----	Toxaphene	200	U
53494-70-5-----	Endrin ketone	8.3	U

METHOD 8081 - TCL PESTICIDES
ANALYSIS DATA SHEET

000046

Client No.

Lab Name: STL Buffalo

Contract: _____

SS-X-2

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: SS39A

Dup of SS-GP-20

Matrix: (soil/water) SOIL

Lab Sample ID: A2432505

Sample wt/vol: 30.49 (g/mL) G

Lab File ID: RB15197.TX0

% Moisture: 20.6 decanted: (Y/N) N

Date Samp/Recv: 05/01/2002 05/02/2002

Extraction: (SepF/Cont/Sonc/Soxh): SONC

Date Extracted: 05/03/2002

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 05/09/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 4.00

GPC Cleanup: (Y/N) N pH:

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.

COMPOUND

Q

309-00-2-----	Aldrin	8.4	U	J
319-84-6-----	alpha-BHC	8.4	U	
319-85-7-----	beta-BHC	8.4	U	
58-89-9-----	gamma-BHC (Lindane)	8.4	U	
319-86-8-----	delta-BHC	8.4	U	
57-74-9-----	Chlordane	32	J	
72-54-8-----	4,4'-DDD	8.4	U	
72-55-9-----	4,4'-DDE	8.4	U	
50-29-3-----	4,4'-DDT	8.4	U	
60-57-1-----	Dieldrin	8.4	U	
959-98-8-----	Endosulfan I	8.4	U	
33213-65-9----	Endosulfan II	8.4	U	
1031-07-8-----	Endosulfan Sulfate	8.4	U	
72-20-8-----	Endrin	8.4	U	
7421-93-4-----	Endrin aldehyde	8.4	U	
76-44-8-----	Heptachlor	8.4	U	
1024-57-3-----	Heptachlor epoxide	8.4	U	
72-43-5-----	Methoxychlor	8.4	U	
8001-35-2-----	Toxaphene	200	U	
53494-70-5----	Endrin ketone	8.4	U	

METHOD 8081 - TCL PESTICIDES
ANALYSIS DATA SHEET

000042

Client No.

SS-GP-25(8-12)S-7

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SS39A

Matrix: (soil/water) SOIL Lab Sample ID: A2432501

Sample wt/vol: 30.49 (g/mL) G Lab File ID: RB15191.TX0

% Moisture: 14.6 decanted: (Y/N) N Date Samp/Recv: 04/26/2002 05/02/2002

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 05/03/2002

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 05/09/2002

Injection Volume: 1.00 (uL) Dilution Factor: 4.00

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) <u>UG/KG</u>	<u>Q</u>
309-00-2-----	Aldrin	7.8	U
319-84-6-----	alpha-BHC	7.8	U
319-85-7-----	beta-BHC	7.8	U
58-89-9-----	gamma-BHC (Lindane)	7.8	U
319-86-8-----	delta-BHC	7.8	U
57-74-9-----	Chlordane	78	U
72-54-8-----	4,4'-DDD	7.8	U
72-55-9-----	4,4'-DDE	7.8	U
50-29-3-----	4,4'-DDT	7.8	U
60-57-1-----	Dieldrin	7.8	U
959-98-8-----	Endosulfan I	7.8	U
33213-65-9----	Endosulfan II	7.8	U
1031-07-8-----	Endosulfan Sulfate	7.8	U
72-20-8-----	Endrin	7.8	U
7421-93-4-----	Endrin aldehyde	7.8	U
76-44-8-----	Heptachlor	7.8	U
1024-57-3-----	Heptachlor epoxide	7.8	U
72-43-5-----	Methoxychlor	7.8	U
8001-35-2-----	Toxaphene	180	U
53494-70-5-----	Endrin ketone	7.8	U

METHOD 8081 - TCL PESTICIDES
ANALYSIS DATA SHEET

000044

Client No.

SS-GP-26(12-14)S-4

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: SS39A

Matrix: (soil/water) SOIL

Lab Sample ID: A2432503

Sample wt/vol: 30.22 (g/mL) G

Lab File ID: RB15195.TX0

% Moisture: 13.0 decanted: (Y/N) N

Date Samp/Recv: 04/30/2002 05/02/2002

Extraction: (SepF/Cont/Sonc/Soxh): SONC

Date Extracted: 05/03/2002

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 05/09/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 4.00

GPC Cleanup: (Y/N) N pH: _

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) <u>UG/KG</u>	<u>Q</u>
309-00-2-----	Aldrin	7.8	U
319-84-6-----	alpha-BHC	7.8	U
319-85-7-----	beta-BHC	7.8	U
58-89-9-----	gamma-BHC (Lindane)	7.8	U
319-86-8-----	delta-BHC	7.8	U
57-74-9-----	Chlordane	78	U
72-54-8-----	4,4'-DDD	7.8	U
72-55-9-----	4,4'-DDE	7.8	U
50-29-3-----	4,4'-DDT	7.8	U
60-57-1-----	Dieldrin	7.8	U
959-98-8-----	Endosulfan I	7.8	U
33213-65-9----	Endosulfan II	7.8	U
1031-07-8-----	Endosulfan Sulfate	7.8	U
72-20-8-----	Endrin	7.8	U
7421-93-4-----	Endrin aldehyde	7.8	U
76-44-8-----	Heptachlor	7.8	U
1024-57-3-----	Heptachlor epoxide	7.8	U
72-43-5-----	Methoxychlor	7.8	U
8001-35-2-----	Toxaphene	180	U
53494-70-5-----	Endrin ketone	7.8	U

METHOD 8081 - TCL PESTICIDES
ANALYSIS DATA SHEET

000041 
Client No.
SS-02-32-S-6(12-16)

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SS39A

Matrix: (soil/water) SOIL Lab Sample ID: A2415501

Sample wt/vol: 30.12 (g/mL) G Lab File ID: RB15007.TX0

% Moisture: 7.2 decanted: (Y/N) N Date Samp/Recv: 04/23/2002 04/27/2002

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 04/29/2002

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 05/01/2002

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) <u>UG/KG</u>	<u>Q</u>
309-00-2-----	Aldrin	1.8	U
319-84-6-----	alpha-BHC	1.8	U
319-85-7-----	beta-BHC	1.8	U
58-89-9-----	gamma-BHC (Lindane)	1.8	U
319-86-8-----	delta-BHC	1.8	U
57-74-9-----	Chlordane	18	U
72-54-8-----	4,4'-DDD	1.8	U
72-55-9-----	4,4'-DDE	1.8	U
50-29-3-----	4,4'-DDT	1.8	U
60-57-1-----	Dieldrin	1.8	U
959-98-8-----	Endosulfan I	1.8	U
33213-65-9----	Endosulfan II	1.8	U
1031-07-8-----	Endosulfan Sulfate	1.8	U
72-20-8-----	Endrin	1.8	U
7421-93-4-----	Endrin aldehyde	1.8	U
76-44-8-----	Heptachlor	1.8	U
1024-57-3-----	Heptachlor epoxide	1.8	U
72-43-5-----	Methoxychlor	1.8	U
8001-35-2-----	Toxaphene	43	U
53494-70-5----	Endrin ketone	1.8	U

METHOD 8081 - TCL PESTICIDES
ANALYSIS DATA SHEET

000043

Client No.

SS-GP-33 (12-16) S-5

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: SS39A

Matrix: (soil/water) SOIL Lab Sample ID: A2432502

Sample wt/vol: 30.61 (g/mL) G Lab File ID: RB15192.TX0

% Moisture: 14.3 decanted: (Y/N) N Date Samp/Recv: 04/30/2002 05/02/2002

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 05/03/2002

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 05/09/2002

Injection Volume: 1.00 (uL) Dilution Factor: 4.00

GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) <u>UG/KG</u>	<u>Q</u>
309-00-2-----	Aldrin	7.8	U
319-84-6-----	alpha-BHC	7.8	U
319-85-7-----	beta-BHC	7.8	U
58-89-9-----	gamma-BHC (Lindane)	7.8	U
319-86-8-----	delta-BHC	7.8	U
57-74-9-----	Chlordane	78	U
72-54-8-----	4,4'-DDD	7.8	U
72-55-9-----	4,4'-DDE	7.8	U
50-29-3-----	4,4'-DDT	7.8	U
60-57-1-----	Dieldrin	7.8	U
959-98-8-----	Endosulfan I	7.8	U
33213-65-9----	Endosulfan II	7.8	U
1031-07-8-----	Endosulfan Sulfate	7.8	U
72-20-8-----	Endrin	7.8	U
7421-93-4-----	Endrin aldehyde	7.8	U
76-44-8-----	Heptachlor	7.8	U
1024-57-3-----	Heptachlor epoxide	7.8	U
72-43-5-----	Methoxychlor	7.8	U
8001-35-2-----	Toxaphene	180	U
53494-70-5----	Endrin ketone	7.8	U

METHOD 8081 - TCL PESTICIDES
ANALYSIS DATA SHEET

000039

Client No.

SS-39 (8-12BS) S-2

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: SS39A

Matrix: (soil/water) SOIL

Lab Sample ID: A2400001

Sample wt/vol: 30.83 (g/mL) G

Lab File ID: RB15002.TX0

% Moisture: 16.6 decanted: (Y/N) N

Date Samp/Recv: 04/22/2002 04/24/2002

Extraction: (SepF/Cont/Sonc/Soxh): SONC

Date Extracted: 04/26/2002

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 04/30/2002

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	<u>Q</u>
309-00-2-----	Aldrin	2.0	U
319-84-6-----	alpha-BHC	2.0	U
319-85-7-----	beta-BHC	2.0	U
58-89-9-----	gamma-BHC (Lindane)	2.0	U
319-86-8-----	delta-BHC	2.0	U
57-74-9-----	Chlordane	20	U
72-54-8-----	4,4'-DDD	2.0	U
72-55-9-----	4,4'-DDE	2.0	U
50-29-3-----	4,4'-DDT	2.0	U
60-57-1-----	Dieldrin	2.0	U
959-98-8-----	Endosulfan I	2.0	U
33213-65-9----	Endosulfan II	2.0	U
1031-07-8----	Endosulfan Sulfate	2.0	U
72-20-8-----	Endrin	2.0	U
7421-93-4----	Endrin aldehyde	2.0	U
76-44-8-----	Heptachlor	2.0	U
1024-57-3----	Heptachlor epoxide	2.0	U
72-43-5-----	Methoxychlor	2.0	U
8001-35-2-----	Toxaphene	47	U
53494-70-5----	Endrin ketone	2.0	U

O'BRIEN & GERE ENGINEERS, INC.

-1-
INORGANIC ANALYSIS DATA SHEETSAMPLE NO. *G-P-20*SS-~~GD~~-7 (0'-4') S-1

Contract: NY01-488

Lab Code: STL BFLO

Case No.: _____

SAS No.: _____

SDG NO.: SS39A

Matrix (soil/water): SOIL

Lab Sample ID: AD206889

Level (low/med): LOW

Date Received: 4/26/02

% Solids: 77

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	9790		E J	P
7440-36-0	Antimony	7.8	U	J	P
7440-38-2	Arsenic	5.8			P
7440-39-3	Barium	71.9		E J	P
7440-41-7	Beryllium	0.65	U		P
7440-43-9	Cadmium	0.65	U		P
7440-70-2	Calcium	24400		J	P
7440-47-3	Chromium	14.8			P
7440-48-4	Cobalt	6.5	U		P
7440-50-8	Copper	22.7			P
7439-89-6	Iron	16000		E J	P
7439-92-1	Lead	29.1			P
7439-95-4	Magnesium	4970		E J	P
7439-96-5	Manganese	277		E J	P
7440-02-0	Nickel	12.9		J	P
7440-09-7	Potassium	1260		J	P
7782-49-2	Selenium	0.92			P
7439-97-6	Mercury	0.084			CV
7440-22-4	Silver	1.3	U		P
7440-23-5	Sodium	646	U		P
7440-28-0	Thallium	1.3	U		P
7440-62-2	Vanadium	20.4		J	P
7440-66-6	Zinc	61.6		J	P

Color Before: BROWN

Clarity Before: _____

Texture: MEDIUM

Color After: BROWN

Clarity After: CLOUDY

Artifacts: _____

Comments: _____

O'BRIEN & GERE ENGINEERS, INC.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

SS-GP-16 (8-12) S-9

Contract: NY01-488

Lab Code: STL BFLO

Case No.: _____

SAS No.: _____

SDG NO.: SSGP16

Matrix (soil/water): SOIL

Lab Sample ID: AD207372

Level (low/med): LOW

Date Received: 5/4/02

% Solids: 93

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	4630		E J	P
7440-36-0	Antimony	6.7	U	J	P
7440-38-2	Arsenic	2.9			P
7440-39-3	Barium	55.9		J	P
7440-41-7	Beryllium	0.56	U		P
7440-43-9	Cadmium	0.56	U		P
7440-70-2	Calcium	68600		E J	P
7440-47-3	Chromium	7.4			P
7440-48-4	Cobalt	5.6	U		P
7440-50-8	Copper	12.5			P
7439-89-6	Iron	11000		E J	P
7439-92-1	Lead	4.3			P
7439-95-4	Magnesium	17600		E J	P
7439-96-5	Manganese	437		E J	P
7440-02-0	Nickel	9.2		J	P
7440-09-7	Potassium	1550		J	P
7782-49-2	Selenium	0.56	U		P
7439-97-6	Mercury	0.022	U		CV
7440-22-4	Silver	1.1	U		P
7440-23-5	Sodium	556	U		P
7440-28-0	Thallium	1.1	U		P
7440-62-2	Vanadium	10.0		J	P
7440-66-6	Zinc	27.7		J	P

Color Before: BROWN

Clarity Before: _____

Texture: SILT

Color After: BROWN

Clarity After: CLOUDY

Artifacts: _____

Comments: _____

O'BRIEN & GERE ENGINEERS, INC.

-1-
INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

SS-GP-20 (12'-16') S-3

Contract: NY01-488

Lab Code: STL BFLO

Case No.: _____

SAS No.: _____

SDG NO.: SS39A

Matrix (soil/water): SOIL

Lab Sample ID: AD207368

Level (low/med): LOW

Date Received: 5/2/02

% Solids: 81

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	7720		E J	P
7440-36-0	Antimony	7.7	U	N J	P
7440-38-2	Arsenic	2.5			P
7440-39-3	Barium	43.2		N J	P
7440-41-7	Beryllium	0.64	U		P
7440-43-9	Cadmium	0.64	U		P
7440-70-2	Calcium	46500		E J	P
7440-47-3	Chromium	11.5			P
7440-48-4	Cobalt	6.5			P
7440-50-8	Copper	17.9			P
7439-89-6	Iron	13200		E J	P
7439-92-1	Lead	8.7			P
7439-95-4	Magnesium	18800		J	P
7439-96-5	Manganese	345		E J	P
7440-02-0	Nickel	14.2		J	P
7440-09-7	Potassium	1830		J	P
7782-49-2	Selenium	0.86			P
7439-97-6	Mercury	0.024	U		CV
7440-22-4	Silver	1.3	U		P
7440-23-5	Sodium	641	U		P
7440-28-0	Thallium	1.3	U		P
7440-62-2	Vanadium	17.5		J	P
7440-66-6	Zinc	39.7	N	J	P

Color Before: BROWN

Clarity Before: _____

Texture: CLAY

Color After: BROWN

Clarity After: CLOUDY

Artifacts: _____

Comments: _____

O'BRIEN & GERE ENGINEERS, INC.

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

SS-X-2

Contract: NY01-488

Lab Code: STL BFLO

Case No.: _____

SAS No.: _____

SDG NO.: SS39A

Matrix (soil/water): SOIL

Lab Sample ID: AD207369

Level (low/med): LOW

Date Received: 5/2/02

% Solids: 79

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	6510		E J	P
7440-36-0	Antimony	7.9	U	N J	P
7440-38-2	Arsenic	1.5			P
7440-39-3	Barium	32.1		N J	P
7440-41-7	Beryllium	0.66	U		P
7440-43-9	Cadmium	0.66	U		P
7440-70-2	Calcium	44600		E J	P
7440-47-3	Chromium	11.4			P
7440-48-4	Cobalt	6.6	U		P
7440-50-8	Copper	15.6			P
7439-89-6	Iron	10800		E J	P
7439-92-1	Lead	6.6			P
7439-95-4	Magnesium	18700		J	P
7439-96-5	Manganese	280		E J	P
7440-02-0	Nickel	13.5		J	P
7440-09-7	Potassium	1450		J	P
7782-49-2	Selenium	0.68			P
7439-97-6	Mercury	0.023	U		CV
7440-22-4	Silver	1.3	U		P
7440-23-5	Sodium	656	U		P
7440-28-0	Thallium	1.3	U		P
7440-62-2	Vanadium	18.9		J	P
7440-66-6	Zinc	39.3	N	J	P

Color Before: BROWN

Clarity Before: _____

Texture: CLAY

Color After: BROWN

Clarity After: CLOUDY

Artifacts: _____

Comments: _____

O'BRIEN & GERE ENGINEERS, INC.

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

SS-GP-25 (8'-12') S-7

Contract: NY01-488

Lab Code: STL BFLO

Case No.:

SAS No.:

SDG NO.: SS39A

Matrix (soil/water): SOIL

Lab Sample ID: AD207363

Level (low/med): LOW

Date Received: 5/2/02

% Solids: 85

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	6330		E J	P
7440-36-0	Antimony	7.2	U	N J	P
7440-38-2	Arsenic	1.5			P
7440-39-3	Barium	45.2		N J	P
7440-41-7	Beryllium	0.60	U		P
7440-43-9	Cadmium	0.60	U		P
7440-70-2	Calcium	26900		E J	P
7440-47-3	Chromium	9.3			P
7440-48-4	Cobalt	6.0	U		P
7440-50-8	Copper	10.8			P
7439-89-6	Iron	8020		E J	P
7439-92-1	Lead	1480			P
7439-95-4	Magnesium	8940		J	P
7439-96-5	Manganese	183		E J	P
7440-02-0	Nickel	9.1		J	P
7440-09-7	Potassium	1000		J	P
7782-49-2	Selenium	0.60	U		P
7439-97-6	Mercury	0.025	U		CV
7440-22-4	Silver	1.2	U		P
7440-23-5	Sodium	597	U		P
7440-28-0	Thallium	1.2	U		P
7440-62-2	Vanadium	12.4		J	P
7440-66-6	Zinc	28.1		N J	P

Color Before: BROWN

Clarity Before:

Texture: CLAY

Color After: BROWN

Clarity After: CLOUDY

Artifacts:

Comments:

O'BRIEN & GERE ENGINEERS, INC.

-1-
INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

SS-GP-26 (12'-14') S-4

Contract: NY01-488

Lab Code: STL BFLO

Case No.: _____

SAS No.: _____

SDG NO.: SS39A

Matrix (soil/water): SOIL

Lab Sample ID: AD207367

Level (low/med): LOW

Date Received: 5/2/02

% Solids: 87

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	5050		E J	P
7440-36-0	Antimony	6.8	U	N J	P
7440-38-2	Arsenic	4.7			P
7440-39-3	Barium	36.2		N J	P
7440-41-7	Beryllium	0.56	U		P
7440-43-9	Cadmium	0.56	U		P
7440-70-2	Calcium	70800		E J	P
7440-47-3	Chromium	7.9			P
7440-48-4	Cobalt	5.6	U		P
7440-50-8	Copper	16.7			P
7439-89-6	Iron	12200		E J	P
7439-92-1	Lead	6.8			P
7439-95-4	Magnesium	14800		J	P
7439-96-5	Manganese	400		E J	P
7440-02-0	Nickel	10.4		J	P
7440-09-7	Potassium	1280		J	P
7782-49-2	Selenium	0.56	U		P
7439-97-6	Mercury	0.021	U		CV
7440-22-4	Silver	1.1	U		P
7440-23-5	Sodium	563	U		P
7440-28-0	Thallium	1.1	U		P
7440-62-2	Vanadium	12.1		J	P
7440-66-6	Zinc	32.8		N J	P

Color Before: BROWN

Clarity Before: _____

Texture: CLAY

Color After: BROWN

Clarity After: CLOUDY

Artifacts: _____

Comments: _____

O'BRIEN & GERE ENGINEERS, INC.

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

SS-~~GD~~-32-S-6(12'-16)

Contract: NY01-488

Lab Code: STL BFLO

Case No.: _____

SAS No.: _____

SDG NO.: SS39A

Matrix (soil/water): SOIL

Lab Sample ID: AD206890

Level (low/med): LOW

Date Received: 4/27/02

% Solids: 93

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	4110		E J	P
7440-36-0	Antimony	6.5	U	J	P
7440-38-2	Arsenic	4.6			P
7440-39-3	Barium	46.1		E J	P
7440-41-7	Beryllium	0.54	U		P
7440-43-9	Cadmium	0.54	U		P
7440-70-2	Calcium	116000		J	P
7440-47-3	Chromium	6.1			P
7440-48-4	Cobalt	5.4	U		P
7440-50-8	Copper	20.6			P
7439-89-6	Iron	15000		E J	P
7439-92-1	Lead	6.7			P
7439-95-4	Magnesium	23800		E J	P
7439-96-5	Manganese	1070		E J	P
7440-02-0	Nickel	7.9		J	P
7440-09-7	Potassium	967		J	P
7782-49-2	Selenium	0.54	U		P
7439-97-6	Mercury	0.022	U		CV
7440-22-4	Silver	1.1	U		P
7440-23-5	Sodium	539	U		P
7440-28-0	Thallium	1.1	U		P
7440-62-2	Vanadium	12.8		J	P
7440-66-6	Zinc	32.2		J	P

Color Before: BROWN

Clarity Before: _____

Texture: MEDIUM

Color After: YELLOW

Clarity After: CLOUDY

Artifacts: _____

Comments: _____

O'BRIEN & GERE ENGINEERS, INC.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

SS-GP-33 (12'-16') S-5

Contract: NY01-488

Lab Code: STL BFLO

Case No.: _____

SAS No.: _____

SDG NO.: SS39A

Matrix (soil/water): SOIL

Lab Sample ID: AD207364

Level (low/med): LOW

Date Received: 5/2/02

% Solids: 86

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	4770		E J	P
7440-36-0	Antimony	7.1	U	N J	P
7440-38-2	Arsenic	1.5			P
7440-39-3	Barium	33.0		N J	P
7440-41-7	Beryllium	0.60	U		P
7440-43-9	Cadmium	0.60	U		P
7440-70-2	Calcium	72400		E J	P
7440-47-3	Chromium	7.2			P
7440-48-4	Cobalt	6.0	U		P
7440-50-8	Copper	18.2			P
7439-89-6	Iron	10200		E J	P
7439-92-1	Lead	8.5			P
7439-95-4	Magnesium	21800		J	P
7439-96-5	Manganese	373		E J	P
7440-02-0	Nickel	9.2		J	P
7440-09-7	Potassium	1430		J	P
7782-49-2	Selenium	0.60	U		P
7439-97-6	Mercury	0.021	U		CV
7440-22-4	Silver	1.2	U		P
7440-23-5	Sodium	595	U		P
7440-28-0	Thallium	1.2	U		P
7440-62-2	Vanadium	9.3		J	P
7440-66-6	Zinc	28.9		N J	P

Color Before: BROWN

Clarity Before: _____

Texture: CLAY

Color After: BROWN

Clarity After: CLOUDY

Artifacts: _____

Comments: _____

STL BUFFALO

000055

O'BRIEN & GERE ENGINEERS, INC.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

SS-39 (8-12BS) S-2

Contract: NY01-488

Lab Code: STL BFLO

Case No.:

SAS No.:

SDG NO.: SS39A

Matrix (soil/water): SOIL

Lab Sample ID: AD206577

Level (low/med): LOW

Date Received: 4/24/02

% Solids: 83

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	11100		E J	P
7440-36-0	Antimony	7.2	U	J	P
7440-38-2	Arsenic	6.5			P
7440-39-3	Barium	83.6		E J	P
7440-41-7	Beryllium	0.64			P
7440-43-9	Cadmium	0.60	U		P
7440-70-2	Calcium	4210		J	P
7440-47-3	Chromium	14.9			P
7440-48-4	Cobalt	8.4			P
7440-50-8	Copper	13.7			P
7439-89-6	Iron	21300		J	P
7439-92-1	Lead	9.5			P
7439-95-4	Magnesium	3650		E J	P
7439-96-5	Manganese	570		E J	P
7440-02-0	Nickel	16.7		J	P
7440-09-7	Potassium	1110		J	P
7782-49-2	Selenium	0.88			P
7439-97-6	Mercury	0.030			CV
7440-22-4	Silver	1.2	U		P
7440-23-5	Sodium	600	U		P
7440-28-0	Thallium	1.2	U		P
7440-62-2	Vanadium	20.8		J	P
7440-66-6	Zinc	50.9		J	P

Color Before: BROWN

Clarity Before:

Texture: SILT

Color After: BROWN

Clarity After: CLOUDY

Artifacts:

Comments:

Wet Chemistry Analysis

0000064
Client Sample No.Lab Name: STL Buffalo

Contract: _____

SS-~~GD~~-7 (0'-4') S-1Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: SS39AMatrix (soil/water): SOILLab Sample ID: A2411301% Solids: 77.4Date Samp/Recv: 04/24/2002 04/26/2002

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	MG/KG	1.3	U			9012A	05/03/2002
Leachable pH	S.U.	7.97				9045	05/03/2002

Comments:

Wet Chemistry Analysis

000021

Client Sample No.

SS-GP-16 (8-12) S-9

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: SSGP16Matrix (soil/water): SOILLab Sample ID: A2443801% Solids: 92.6Date Samp/Recv: 05/02/2002 05/04/2002

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total _____	MG/KG	1.1 1.0	U			9012A	05/14/2002
Leachable pH _____	S.U.	8.09				9045	05/10/2002

Comments:

Wet Chemistry Analysis

000069

Client Sample No.

SS-GP-20(12'-16')S-3

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: SS39AMatrix (soil/water): SOILLab Sample ID: A2432504% Solids: 81.2Date Samp/Recv: 05/01/2002 05/02/2002

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	MG/KG	<u>1.2</u> 1.0	U			9012A	05/07/2002
Leachable pH	S.U.	7.16				9045	05/03/2002

Comments:

Wet Chemistry Analysis

000070

Client Sample No.

SS-X-2

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

Dup of SS-GP-20
SDG No.: SS39AMatrix (soil/water): SOILLab Sample ID: A2432505% Solids: 79.4Date Samp/Recv: 05/01/2002 05/02/2002

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	MG/KG	1.3 1.0	U			9012A	05/14/2002
Leachable pH	S.U.	7.08				9045	05/03/2002

Comments:

Wet Chemistry Analysis

000066

Client Sample No.

SS-GP-25 (8'-12')S-7

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: SS39AMatrix (soil/water): SOILLab Sample ID: A2432501% Solids: 85.4Date Samp/Recv: 04/26/2002 05/02/2002

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total _____	MG/KG	1.2 1.0	U			9012A	05/07/2002
Leachable pH _____	S.U.	7.73				9045	05/03/2002

Comments:

Wet Chemistry Analysis

000068

Client Sample No.

SS-GP-26 (12'-14') S-4

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: SS39AMatrix (soil/water): SOILLab Sample ID: A2432503% Solids: 87.0Date Samp/Recv: 04/30/2002 05/02/2002

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	MG/KG	1.1 1.0	U			9012A	05/07/2002
Leachable pH	S.U.	7.75				9045	05/03/2002

Comments:

Wet Chemistry Analysis

Client Sample No.

SS-~~AD~~-32-S-6 (12'-16)Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: SS39AMatrix (soil/water): SOILLab Sample ID: A2415501% Solids: 92.8Date Samp/Recv: 04/23/2002 04/27/2002

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	MG/KG	1.1 1.0	U			9012A	05/07/2002
Leachable pH	S.U.	8.25				9045	05/03/2002

Comments:

Wet Chemistry Analysis

000087

Client Sample No.

SS-GP-33 (12'-16') S-5

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: SS39AMatrix (soil/water): SOILLab Sample ID: A2432502% Solids: 85.7Date Samp/Recv: 04/30/2002 05/02/2002

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total _____	MG/KG	1.2 1.0	U			9012A	05/07/2002
Leachable pH _____	S.U.	8.02				9045	05/03/2002

Comments:

Wet Chemistry Analysis

000063

Client Sample No.

SS-39(8-12BS)S-2

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: SS39AMatrix (soil/water): SOILLab Sample ID: A2400001% Solids: 83.4Date Samp/Recv: 04/22/2002 04/24/2002

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	MG/KG	1.2 1.0	U			9012A	04/30/2002
Leachable pH	S.U.	7.41				9045	04/26/2002

Comments:

Storm Water Analytical Results

**Storm Water Quality Data
Volatile Organic Compound Results**

**Old Erie Canal Site
Clyde, New York**

Compound	MH-3A 5/22/02	MH-3B 5/22/02	CB-3 8.0" INF 5/23/02	CB-3 6.0" INF 5/22/02
1,1,1-Trichloroethane	5.2 J	10 U	5 U	2 J
1,1,2,2-Tetrachloroethane	10 U	10 U	5 U	10 U
1,1,2-Trichloroethane	10 U	10 U	5 U	10 U
1,1-Dichloroethane	3.2 J	10 U	5 U	10 U
1,1-Dichloroethene	10 U	10 U	5 U	10 U
1,2-Dichloroethane	10 U	10 U	5 U	10 U
1,2-Dichloropropane	10 U	10 U	5 U	10 U
2-Butanone	50 U	50 U	25 U	50 U
2-Hexanone	50 U	50 U	25 U	50 U
4-Methyl-2-pentanone	50 U	50 U	25 U	50 U
Acetone	50 U	50 U	50	50 U
Benzene	10 U	10 U	5 U	10 U
Bromodichloromethane	10 U	10 U	5 U	10 U
Bromoform	10 U	10 U	5 U	10 U
Bromomethane	10 U	10 U	5 U	10 U
Carbon disulfide	10 U	10 U	5 U	10 U
Carbon tetrachloride	10 U	10 U	5 U	10 U
Chlorobenzene	10 U	10 U	5 U	10 U
Chloroethane	10 U	10 U	5 U	10 U
Chloroform	10 U	10 U	5 U	10 U
Chloromethane	10 U	10 U	5 U	10 U
cis-1,2-Dichloroethene	750 D	920 D	160	300
cis-1,3-Dichloropropene	10 U	10 U	5 U	10 U
Dibromochloromethane	10 U	10 U	5 U	10 U
Ethylbenzene	10 U	10 U	5 U	10 U
Methylene chloride	4.6 J	6 J	1.9 J	20 U
Styrene	10 U	10 U	5 U	10 U
Tetrachloroethene	13	69	5 U	6.2 J
Toluene	10 U	10 U	5 U	10 U
trans-1,2-Dichloroethene	4.9 J	7.4 J	5 U	2.1 J
trans-1,3-Dichloropropene	10 U	10 U	5 U	10 U
Trichloroethene	83 B	82 B	12	78
Vinyl chloride	60	65	47	20
Xylene (total)	30 U	30 U	15 U	30 U

Notes:

1. All units in ug/L.
2. All analyses performed by Severn Trent Laboratories, Inc. of Buffalo, New York.
3. Volatile organic compounds quantitated by EPA SW-846 Method 8260B.
4. "U" designates that the compound was not detected at or above the quantitation limit shown.
5. "J" designates that the detected concentration should be considered estimated because associated QC criteria was exceeded.
6. "B" designates that the compound was detected in the associated blank as well.
7. "D" designates all compounds identified in an analysis at the secondary dilution factor.

**Storm Water Laboratory Reporting
Forms**

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

000010

Client No.

MH-3A-052202

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A2533801

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: P9761.RR

Level: (low/med) LOW

Date Samp/Recv: 05/22/2002 05/24/2002

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 05/28/2002

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 10.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

67-64-1	Acetone	50	U
71-43-2	Benzene	10	U
75-27-4	Bromodichloromethane	10	U
75-25-2	Bromoform	10	U
74-83-9	Bromomethane	10	U
78-93-3	2-Butanone	50	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	10	U
108-90-7	Chlorobenzene	10	U
75-00-3	Chloroethane	10	U
67-66-3	Chloroform	10	U
74-87-3	Chloromethane	10	U
124-48-1	Dibromochloromethane	10	U
75-34-3	1,1-Dichloroethane	3.2	J
107-06-2	1,2-Dichloroethane	10	U
75-35-4	1,1-Dichloroethene	10	U
156-59-2	cis-1,2-Dichloroethene	610	E 750 D
156-60-5	trans-1,2-Dichloroethene	4.9	J
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
100-41-4	Ethylbenzene	10	U
591-78-6	2-Hexanone	50	U
75-09-2	Methylene chloride	4.6	J
108-10-1	4-Methyl-2-pentanone	50	U
100-42-5	Styrene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
127-18-4	Tetrachloroethene	13	
108-88-3	Toluene	4.3	BJ 10 U
71-55-6	1,1,1-Trichloroethane	5.2	J
79-00-5	1,1,2-Trichloroethane	10	U
79-01-6	Trichloroethene	83	B
75-01-4	Vinyl chloride	60	
1330-20-7	Total Xylenes	30	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

000011

Client No.

MH-3A-052202 DL

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A2533801DL

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: P9781.RR

Level: (low/med) LOW

Date Samp/Recv: 05/22/2002 05/24/2002

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 05/29/2002

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 20.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

67-64-1-----	Acetone	100	U
71-43-2-----	Benzene	20	U
75-27-4-----	Bromodichloromethane	20	U
75-25-2-----	Bromoform	20	U
74-83-9-----	Bromomethane	20	U
78-93-3-----	2-Butanone	100	U
75-15-0-----	Carbon Disulfide	20	U
56-23-5-----	Carbon Tetrachloride	20	U
108-90-7-----	Chlorobenzene	20	U
75-00-3-----	Chloroethane	20	U
67-66-3-----	Chloroform	20	U
74-87-3-----	Chloromethane	20	U
124-48-1-----	Dibromochloromethane	20	U
75-34-3-----	1,1-Dichloroethane	20	U
107-06-2-----	1,2-Dichloroethane	20	U
75-35-4-----	1,1-Dichloroethene	20	U
156-59-2-----	cis-1,2-Dichloroethene	750	D
156-60-5-----	trans-1,2-Dichloroethene	6.1	DJ
78-87-5-----	1,2-Dichloropropane	20	U
10061-01-5----	cis-1,3-Dichloropropene	20	U
10061-02-6----	trans-1,3-Dichloropropene	20	U
100-41-4-----	Ethylbenzene	20	U
591-78-6-----	2-Hexanone	100	U
75-09-2-----	Methylene chloride	7.4	DJ
108-10-1-----	4-Methyl-2-pentanone	100	U
100-42-5-----	Styrene	20	U
79-34-5-----	1,1,2,2-Tetrachloroethane	20	U
127-18-4-----	Tetrachloroethene	16	DJ
108-88-3-----	Toluene	11	BDJ
71-55-6-----	1,1,1-Trichloroethane	6.2	DJ
79-00-5-----	1,1,2-Trichloroethane	20	U
79-01-6-----	Trichloroethene	100	D
75-01-4-----	Vinyl chloride	68	D
1330-20-7-----	Total Xylenes	60	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

000012

Client No.

MH-3B-052202

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A2533802

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: P9762.RR

Level: (low/med) LOW

Date Samp/Recv: 05/22/2002 05/24/2002

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 05/28/2002

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 10.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

67-64-1-----	Acetone	50	U
71-43-2-----	Benzene	10	U
75-27-4-----	Bromodichloromethane	10	U
75-25-2-----	Bromoform	10	U
74-83-9-----	Bromomethane	10	U
78-93-3-----	2-Butanone	50	U
75-15-0-----	Carbon Disulfide	10	U
56-23-5-----	Carbon Tetrachloride	10	U
108-90-7-----	Chlorobenzene	10	U
75-00-3-----	Chloroethane	10	U
67-66-3-----	Chloroform	10	U
74-87-3-----	Chloromethane	10	U
124-48-1-----	Dibromochloromethane	10	U
75-34-3-----	1,1-Dichloroethane	10	U
107-06-2-----	1,2-Dichloroethane	10	U
75-35-4-----	1,1-Dichloroethene	10	U
156-59-2-----	cis-1,2-Dichloroethene	870	E
156-60-5-----	trans-1,2-Dichloroethene	7.4	J
78-87-5-----	1,2-Dichloropropane	10	U
10061-01-5----	cis-1,3-Dichloropropene	10	U
10061-02-6----	trans-1,3-Dichloropropene	10	U
100-41-4-----	Ethylbenzene	10	U
591-78-6-----	2-Hexanone	50	U
75-09-2-----	Methylene chloride	6.0	J
108-10-1-----	4-Methyl-2-pentanone	50	U
100-42-5-----	Styrene	10	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10	U
127-18-4-----	Tetrachloroethene	69	
108-88-3-----	Toluene	7.0	BJ
71-55-6-----	1,1,1-Trichloroethane	10	U
79-00-5-----	1,1,2-Trichloroethane	10	U
79-01-6-----	Trichloroethene	82	B
75-01-4-----	Vinyl chloride	65	
1330-20-7-----	Total Xylenes	30	U

920 D

10 U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

000013

Client No.

MH-3B-052202-DL

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A2533802DL

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: P9782.RR

Level: (low/med) LOW

Date Samp/Recv: 05/22/2002 05/24/2002

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 05/29/2002

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 50.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

67-64-1-----	Acetone	250	U
71-43-2-----	Benzene	50	U
75-27-4-----	Bromodichloromethane	50	U
75-25-2-----	Bromoform	50	U
74-83-9-----	Bromomethane	50	U
78-93-3-----	2-Butanone	250	U
75-15-0-----	Carbon Disulfide	50	U
56-23-5-----	Carbon Tetrachloride	50	U
108-90-7-----	Chlorobenzene	50	U
75-00-3-----	Chloroethane	50	U
67-66-3-----	Chloroform	50	U
74-87-3-----	Chloromethane	50	U
124-48-1-----	Dibromochloromethane	50	U
75-34-3-----	1,1-Dichloroethane	50	U
107-06-2-----	1,2-Dichloroethane	50	U
75-35-4-----	1,1-Dichloroethene	50	U
156-59-2-----	cis-1,2-Dichloroethene	920	D
156-60-5-----	trans-1,2-Dichloroethene	50	U
78-87-5-----	1,2-Dichloropropane	50	U
10061-01-5----	cis-1,3-Dichloropropene	50	U
10061-02-6----	trans-1,3-Dichloropropene	50	U
100-41-4-----	Ethylbenzene	50	U
591-78-6-----	2-Hexanone	250	U
75-09-2-----	Methylene chloride	22	DJ
108-10-1-----	4-Methyl-2-pentanone	250	U
100-42-5-----	Styrene	50	U
79-34-5-----	1,1,2,2-Tetrachloroethane	50	U
127-18-4-----	Tetrachloroethene	57	D
108-88-3-----	Toluene	36	EDJ
71-55-6-----	1,1,1-Trichloroethane	50	U
79-00-5-----	1,1,2-Trichloroethane	50	U
79-01-6-----	Trichloroethene	78	D
75-01-4-----	Vinyl chloride	53	D
1330-20-7-----	Total Xylenes	150	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

000009

Client No.

CB-3 8.0"INF-052202

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A2533804

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: P9784.RR

Level: (low/med) LOW

Date Samp/Recv: 05/22/2002 05/24/2002

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 05/29/2002

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 5.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

67-64-1-----	Acetone	50	
71-43-2-----	Benzene	5.0	U
75-27-4-----	Bromodichloromethane	5.0	U
75-25-2-----	Bromoform	5.0	U
74-83-9-----	Bromomethane	5.0	U
78-93-3-----	2-Butanone	25	U
75-15-0-----	Carbon Disulfide	5.0	U
56-23-5-----	Carbon Tetrachloride	5.0	U
108-90-7-----	Chlorobenzene	5.0	U
75-00-3-----	Chloroethane	5.0	U
67-66-3-----	Chloroform	5.0	U
74-87-3-----	Chloromethane	5.0	U
124-48-1-----	Dibromochloromethane	5.0	U
75-34-3-----	1,1-Dichloroethane	5.0	U
107-06-2-----	1,2-Dichloroethane	5.0	U
75-35-4-----	1,1-Dichloroethene	5.0	U
156-59-2-----	cis-1,2-Dichloroethene	160	
156-60-5-----	trans-1,2-Dichloroethene	5.0	U
78-87-5-----	1,2-Dichloropropane	5.0	U
10061-01-5----	cis-1,3-Dichloropropene	5.0	U
10061-02-6----	trans-1,3-Dichloropropene	5.0	U
100-41-4-----	Ethylbenzene	5.0	U
591-78-6-----	2-Hexanone	25	U
75-09-2-----	Methylene chloride	1.9	J
108-10-1-----	4-Methyl-2-pentanone	25	U
100-42-5-----	Styrene	5.0	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4-----	Tetrachloroethene	5.0	U
108-88-3-----	Toluene	1.9	BT 5 u
71-55-6-----	1,1,1-Trichloroethane	5.0	U
79-00-5-----	1,1,2-Trichloroethane	5.0	U
79-01-6-----	Trichloroethene	12	
75-01-4-----	Vinyl chloride	47	
1330-20-7-----	Total Xylenes	15	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

000008

Client No.

CB-3 6.0"INF-052202

Lab Name: STL Buffalo

Contract: _____

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

Matrix: (soil/water) WATER

Lab Sample ID: A2533803

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: P9783.RR

Level: (low/med) LOW

Date Samp/Recv: 05/22/2002 05/24/2002

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 05/29/2002

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 10.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

67-64-1-----	Acetone	50	U
71-43-2-----	Benzene	10	U
75-27-4-----	Bromodichloromethane	10	U
75-25-2-----	Bromoform	10	U
74-83-9-----	Bromomethane	10	U
78-93-3-----	2-Butanone	50	U
75-15-0-----	Carbon Disulfide	10	U
56-23-5-----	Carbon Tetrachloride	10	U
108-90-7-----	Chlorobenzene	10	U
75-00-3-----	Chloroethane	10	U
67-66-3-----	Chloroform	10	U
74-87-3-----	Chloromethane	10	U
124-48-1-----	Dibromochloromethane	10	U
75-34-3-----	1,1-Dichloroethane	10	U
107-06-2-----	1,2-Dichloroethane	10	U
75-35-4-----	1,1-Dichloroethene	10	U
156-59-2-----	cis-1,2-Dichloroethene	300	
156-60-5-----	trans-1,2-Dichloroethene	2.1	J
78-87-5-----	1,2-Dichloropropane	10	U
10061-01-5----	cis-1,3-Dichloropropene	10	U
10061-02-6----	trans-1,3-Dichloropropene	10	U
100-41-4-----	Ethylbenzene	10	U
591-78-6-----	2-Hexanone	50	U
75-09-2-----	Methylene chloride	20	U
108-10-1-----	4-Methyl-2-pentanone	50	U
100-42-5-----	Styrene	10	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10	U
127-18-4-----	Tetrachloroethene	6.2	J
108-88-3-----	Toluene	4.4	BJ 10 u
71-55-6-----	1,1,1-Trichloroethane	2.0	J
79-00-5-----	1,1,2-Trichloroethane	10	U
79-01-6-----	Trichloroethene	78	
75-01-4-----	Vinyl chloride	20	
1330-20-7-----	Total Xylenes	30	U

Fish and Wildlife Impact Analysis

Appendix R

Fish and Wildlife Impact Analysis

**Old Erie Canal Site
Clyde, New York**

Parker Hannifin Corporation
Cleveland, Ohio

General Electric Company
Albany, New York

November 2003

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1. Introduction

This appendix presents the results of a Fish and Wildlife Impact Analysis (FWIA) for the Old Erie Canal Site located in Clyde, New York (Site). This FWIA is prepared as part of the remedial investigation/feasibility study (RI/FS) currently ongoing for the Site. The FWIA is conducted according to the New York State Department of Environmental Conservation (NYSDEC) document entitled *Fish and Wildlife Impact Analysis for Inactive Hazardous Waste Sites* (NYSDEC 1994; Guidance). Step I - *Site Description* and Step IIB - *Contaminant-Specific Impact Assessment* of the NYSDEC document is addressed in this report. The purpose of Step I of an FWIA is to characterize the physical and biological characteristics of a site. The purpose of Step II is to determine the potential impacts of site-related constituents on fish and wildlife resources. The FWIA considers three separate areas:

- the Site itself
- the area within a half-mile radius of the Site (the Study Area)
- the area within a two-mile radius of the Site (the Resource Area)

The specific objectives of this FWIA are to:

- describe the ecology of the Site and surrounding environs within a half-mile radius of the Site (Study Area)
- describe fish and wildlife resources including observed vegetation and associated fauna for each covertype within the Study Area
- identify other natural resources such as NYSDEC significant habitats and endangered or threatened species within a two-mile radius of the Site (Resource Area)
- qualitatively describe the value of the identified resources to associated wildlife and humans
- identify potentially complete pathways between Site-related constituents and fish and wildlife resources
- compare Site chemical data to applicable ecologically-based criteria or screening values

The FWIA is organized into five sections:

1. *Introduction.* This section presents general information about the performance of the FWIA, the objectives of the study and the format of the report.
2. *Study area characterization.* This section characterizes the covertypes of the Study Area based on observed vegetation, and associates wildlife species with the covertypes. This section also

discusses resources other than wildlife, such as significant habitats; protected species; surface waters; and freshwater wetlands that exist within a two-mile radius of the Site (the Resource Area).

3. *Description of fish and wildlife resources.* This section presents a qualitative evaluation of the ability of the Study Area to provide habitat for wildlife and discusses the value to humans of wildlife resources within the Study Area.
4. *Identification of fish and wildlife criteria and constituents of potential concern.* This section identifies potentially applicable fish and wildlife regulatory criteria and compares Site media data to associated screening/benchmark values.
5. *Conclusions.* This section presents the FWIA conclusions regarding Site-related constituents and ecological resources within the Study Area.

2. Study area characterization

This section describes the physical and biological components of the Site and Study Area under current conditions. In accordance with Step I of the Guidance, this information is used to identify the ecological communities of the Study Area, associate wildlife species with the communities, evaluate the value of the communities to wildlife and humans, and to provide information necessary for the design of future activities associated with the RI/FS, if required.

2.1. Site description

As presented in Section 2.2 and on Figure 2-1 of the Remedial Investigation report (RI), the Old Erie Canal Site includes the southern and southwestern portions of property owned by Parker-Hannifin at 124 Columbia Street in the Village of Clyde, Town of Galen, Wayne County, New York (hereafter referred to as "Parker-Hannifin's Property"). The Site consists of portions of Parker-Hannifin's Property as well as portions of the abandoned Erie Canal, which is currently owned by the Village of Clyde. The Site is approximately 10.5 acres in size and is bounded to the north by Columbia Street, to the east by the P&C Grocery Store property, and to the west by private residential properties. An active rail line and the New York State Barge Canal (Clyde River) border the Site to the south.

Portions of the Old Erie Canal and an associated former barge turnaround at the Site have in the past been used for landfilling industrial and municipal wastes, and are now covered.

Parker-Hannifin's Property has been the location of industrial activities since the early 1800's. Glass manufacturing dominated Site operations into the early 1930's. Based on a field survey conducted in 1932 for the preparation of Sanborn Fire Insurance maps, the Clyde Glass Works were abandoned and all but one building had been removed.

By 1941 the Property was reportedly purchased by Acme Electric and a new building was constructed. Acme Electric reportedly occupied the Property from 1941 to 1945 and produced transformers for the United States Navy. GE reportedly purchased the Property in 1945 and manufactured electrical equipment, including ballast for fluorescent lights, rectifiers, transistors, and diodes. In 1965 Parker-Hannifin reportedly purchased the Property from GE. Following purchase of the facility in 1965, Parker-Hannifin initially manufactured components for automobile air conditioning systems. Parker-Hannifin's current operations include the manufacture, testing, and overhaul of fuel injection nozzles used in industrial and military operations. Present

facilities on the property include several buildings, fenced storage tanks and mowed lawn and paved parking areas.

2.2. Covertypes delineation

Consistent with the Guidance, the Study Area for the FWIA is defined as the Site and the area within a half-mile radius of the Site. The half-mile radius includes commercial, light industrial and residential properties, and terrestrial and aquatic natural communities. Evaluation of ecological communities (covertypes) in the Study Area assists in the identification of ecological receptors of the Site, which may enter the Site from surrounding areas. The following subsections describe the ecological covertypes of the Site and Study Area.

In the context of this report, a "coortype" is defined as an area characterized by a distinct pattern of *natural* (e.g. forest) or *cultural* (e.g. residential) land use. Covertypes of the Study Area were identified based on the physical and vegetative features observed by an O'Brien & Gere biologist during a Study Area reconnaissance on May 1, 2002 and from interpretations of local mapping and aerial photographs that included the Study Area. A map indicating the covertypes of the Study Area is presented as Figure 2-1. Each coortype designation was selected based on a comparison of observed characteristics with the ecological community descriptions presented in the NYSDEC Natural Heritage Program document *Ecological Communities of New York State* (Edinger *et. al* 2002).

Coortype locations and approximate boundaries are depicted on Figure 2-1. The description of each identified coortype, below, includes a list of dominant woody and herbaceous plant species observed during the Study Area reconnaissance. Communities within the Study Area are a mixture of cultural and natural land uses. Roadways, residential properties, commercial businesses, industrial facilities, recreational parks, and schools comprise the majority of the cultural areas. Forested areas, palustrine (wetland) habitats and aquatic (open water) communities comprise the natural areas. Descriptions of the identified covertypes are presented below.

2.3. Terrestrial covertypes

The terrestrial (upland) communities within the Study Area consist mostly of cultural covertypes. The cultural designation reflects the extent of human disturbance to the Study Area for land uses such as roadways, railroad beds, agricultural fields, commercial businesses, residences, and parks. Physical characteristics of the residential areas consist of 0.25-acre to 2-acre lots with interspersed paved driveways and access roads. Commercial businesses, recreational parks, and schools are present in portions of the Study Area, with essentially the same physical

characteristics as the residential areas. In general, these areas do not support large or diverse wildlife communities due to their proximity to anthropogenic disturbances. The natural terrestrial covertypes of the Study Area, existing primarily in the western half of the Study Area, are representative of forested communities. These covertypes are further described below.

Urban structure exterior/mowed lawn with trees. These covertypes, combined as shown on Figure 2-1, are characterized by the exterior surfaces of structures such as commercial buildings, houses, and bridges in an urban or densely populated suburban area (Edinger *et al.* 2002). The northern and eastern portions of the Study Area are comprised mostly of this covertype. The areas immediately surrounding the Site included in this designation consist of the industrial buildings associated with the Parker-Hannifin Property, and the residential and commercial structures associated with the Village of Clyde. The *Mowed lawn with trees* covertype typically contains landscaped areas of ornamental trees, shrubs and grasses.

Cropland. A significant portion of the western and southern parcels of the Study Area consist of agricultural land maintained for row crops, field crops and/or pastureland. As described in Edinger *et al.* (2002), these areas are modified by human disturbances and the biological community is substantially different than what existed prior to human influence. Unless these areas are abandoned and left to natural succession, wildlife utilization will remain limited.

Successional northern hardwoods (SNH). This covertype is characterized by a mixed forest that typically occurs in areas that have been cleared or otherwise disturbed. SNH areas exist at various locations within the Study Area, including areas immediately adjacent to the Old Erie Canal ditch (described below) and other areas adjacent to the *cropland* covertype.

Based on the May 2002 Site reconnaissance of this covertype, primarily conducted by vehicle and limited traversing on foot, the SNH areas have inclusions of *Maple-basswood rich mesic forest* communities. Additionally, relatively small (less than 3 acres) forested and scrub/shrub wetland habitats are also present within the SNH covertype.

The dominant tree species observed in these communities consist of 8-inch to 16-inch diameter (at breast height) specimens of poplar (*Populus* spp.), American elm (*Ulmus americana*) and white ash (*Fraxinus americana*). The shrub layer, sparse in much of the covertype, included: dogwoods (*Cornus* spp.) raspberries (*Rubus* spp.), wild grape (*Vitis* spp.), honeysuckle (*Lonicera* spp.), and saplings of the tree species identified above. Numerous herbaceous species observed include, but are not limited to, buttercup (*Ranunculus* spp), cinquefoil (*Potentilla* spp.) and miscellaneous grass species. Portions of the SNH that contained areas representative of the *Maple-basswood rich mesic forest* covertype contained 6-inch to 24-inch specimens of sugar maple (*Acer*

saccharum), basswood (*Tilia americana*) and hickories (*Carya* spp.) and shrub species similar to those listed above.

2.4. Aquatic and palustrine covertypes

Unconfined river. Based on the descriptions presented in Edinger *et al.* (2002), the Clyde River, located south of the Site, is representative of an *unconfined river* aquatic community. In the area nearest the Site, the river channel is relatively straight, approximately 100 ft wide, and contains approximately 12 ft of water. Little or no emergent vegetation exists in the channel and the banks are well defined (due to the river also acting as the Barge Canal in this reach). The substrate is likely soft and mucky as the river is more depositional, rather than erosive, in this reach. No shading, typically provided by trees and shrubs along the banks, was observed, likely due to the development existing on both sides of the river.

Shallow emergent marsh. Generally, the Old Erie Canal is a ditch running east/west across the southern border of Site. A portion of the Old Erie Canal formerly used as a waste disposal area, located along the southern portion of Parker-Hannifin's Property, is completely filled and currently covered with a mowed lawn area. East and west of the filled area, the ditch and former turnaround area are representative of the *shallow emergent marsh* coertype as defined by Edinger *et al.* (2002).. The channel is relatively straight, approximately 8 ft wide and contained an average of 6 inches of water. Water quality parameters measured during the May 2002 Site reconnaissance are presented as Table 2-1. Surface water flow was not observable, until the ditch's discharge to a culvert under the railroad tracks approximately 500 ft west of the Site. The water then discharges to the Clyde River.

The ditch contains a substrate characteristic of an emergent wetland habitat, including the presence of a mucky substrate that includes a significant amount of decomposed vegetative matter. The vegetative community was more diverse than that of the former turnaround area and included cattails (*Typha* sp.), reed canary grass (*Phalarus arundinacea*), and duckweed (*Lemna* sp.) in the channel, and knotweed (*Impatiens* sp.), staghorn sumac, *Phragmites*, and boxelder trees (*Acer negundo*) along the shallow banks. The bank vegetation provided an average of 70 percent shading to the channel throughout its length within the Study Area. Based on Site reconnaissance observations, the former turnaround's vegetative community was dominated by *Phragmites* (an invasive grass species). No surface water was observed, but the soils were saturated.

3. Description of fish and wildlife resources

The objective of this section is to identify potential ecological receptors of the Study Area based on observations conducted during the Study Area reconnaissance, or by reasonable association of these resources with the identified covertypes. The results of the tasks performed to meet the objective are discussed in the following subsections.

3.1. Fish and wildlife of the study area

The presence of fish and wildlife in the Study Area was assessed through contact with regulatory agencies, a literature review, and the Study Area reconnaissance performed by an O'Brien & Gere biologist in May 2002. During the Study Area reconnaissance, wildlife were identified based on actual sightings; audible indicators such as bird songs; or other indicators such as tracks, burrows, or scat. A listing of the fish and wildlife species that were either directly observed or concluded to be present based on observed indicators is presented below.

Observed fish and wildlife. Several avian species were observed frequenting the Study Area at the time of the Study Area reconnaissance, including, but not limited to: song sparrow (*Melospiza melodia*), chipping sparrow (*Spizella passerina*), house sparrow (*Passer domesticus*), Eastern phoebe (*Sayornis phoebe*), tufted titmouse (*Baeolophus bicolor*), downy woodpecker (*Picoides pubescens*), American goldfinch (*Carduelis tristis*), Northern cardinal (*Cardinalis cardinalis*), American robin (*Turdus migratorius*), mourning dove (*Zenaidura macroura*) and Carolina wren (*Thryothorus ludovicianus*). Additional species observed in the Study Area include: Eastern gray squirrel (*Sciurus carolinensis*) and Northern spring peeper (*Pseudacris crucifer crucifer*).

3.2. Fauna expected within each cotype

In addition to the observed wildlife, a variety of wildlife species typically inhabit the natural communities of the Study Area. The *successional northern hardwood forest*, Clyde River, and wetland covertypes, all off the Site, are likely to contain the most diverse wildlife populations.

Although not observed during the reconnaissance, characteristic wildlife of the *successional northern hardwood forest* community could include various avian species (songbirds, turkey, partridge, hawks and owls); small mammals (raccoon, fox) and large mammals such as white-tailed

deer. The aquatic and wetland habitats within the Study Area have the potential to support benthic invertebrates, reptiles (snakes and turtles), amphibians (frogs, toads, salamanders), fish, waterfowl (ducks and geese), herons, shorebirds, gulls, kingfishers, and songbirds. Potential wildlife inhabitants of the Study Area's dominant natural covertypes are presented in Table 3-1.

3.3. Observation of stress

During the Study Area reconnaissance, no evidence of stress to flora or fauna related to the Site, such as reduced vegetative growth or density, stained soils, leachate seeps, or wildlife mortality, was observed in the Study Area.

3.4. Other resources

Consistent with the FWIA Guidance, Step I includes the identification of other fish and wildlife resources, such as significant wildlife habitats; endangered and threatened species; regulated wetlands; or special surface waters that are present within two miles of the Site (Resource Area). Special resources were identified through contact with regulatory agencies and review of New York State Freshwater Wetlands (NYSFW) and National Wetland Inventory (NWI) maps. The results of these efforts are described below.

3.4.1 Significant habitats and endangered or threatened species

The presence of significant habitats and endangered or threatened species in the Resource Area was evaluated through contact with the New York Natural Heritage Program (NYNHP) and the United States Fish and Wildlife Service (USFWS). Letter responses received by O'Brien & Gere from these agencies are included with this report as Attachment A. The approximate location of the identified special resource, relative to the Site, is presented on Figure 2-2.

The USFWS indicated that, except for occasional transient individuals, there are no federally-listed or proposed endangered or threatened species in the Resource Area.

The NYNHP database has record of a significant floodplain forest community associated with the Clyde River approximately one mile upstream (west) of the Site (see Attachment A). In accordance with NYNHP policy, the exact location of the reported special resources has been omitted from the Attachment.

3.4.2. Wetlands

The potential presence of freshwater wetlands in the Resource Area was evaluated through a review of the Lyons, NY and Savannah, NY quadrangles of the NYSFW map and the USFWS NWI map. The NYSFW map presents the boundaries of wetlands identified and regulated by the NYSDEC. The NWI map presents wetlands inventoried by USFWS to monitor waterfowl habitat. The NWI maps have no regulatory significance but provide an indication of areas potentially meeting the federal criteria for wetlands regulated by the U.S. Army Corps of Engineers.

Based on the mapping review, state regulated wetlands were not identified on the Site or within the Study Area; however, several do exist within the Resource Area encompassing a two-mile radius of the Site. Numerous NWI wetland habitats were identified within two miles of the Site perimeter including many in similar locations as the state-regulated wetlands (see Figure 2-2).

A formal wetland delineation, performed in accordance with NYSDEC and U.S. Army Corps of Engineers methodologies, was not part of the scope of this assessment.

3.4.3. Surface waters.

The Clyde River and associated tributaries are present within the Resource Area. The Clyde River is a Class C water body (6NYCRR Parts 701 and 897). Classification C is for waters supporting fisheries and suitable for primary and secondary contact recreation. A description of the river is presented in Section 2.4.

3.5. Description of fish and wildlife resource value

The value of the covertypes to wildlife and society was evaluated based on habitat requirements of identified wildlife species and potential resource utilization by humans. In accordance with Step I of the Guidance, habitat requirements such as feeding preferences, home range, and cover for species identified in the Study Area were considered. Field observations used to evaluate habitat quality included: 1) the diversity of observed wildlife, 2) the availability of suitable habitat in the Study Area, 3) the size of the habitat, and 4) adjacent land use patterns.

3.5.1. Value of habitat to associated fauna

Site. Terrestrial wildlife species identified in the Study Area were consistent with those expected to inhabit terrestrial and aquatic environments existing in suburban environments. Although some cover is afforded to birds and small mammals on the Site, the gravel, asphalt and mowed lawn areas of the upland portions of the Site do not provide

sufficient food sources, or roosting or nesting areas to make the Site attractive most wildlife species. In addition, the presence of an active rail line along the southern portion of the Site makes the Site unattractive to most wildlife species. Therefore, the value of the Site's upland habitat to wildlife is concluded to be low.

The palustrine habitat associated with the former Barge Canal turnaround provides limited habitat value for semi-aquatic insects, reptiles, birds, and mammals. However, the intermittence of surface water, domination by *Phragmites*, and relatively small size of the area likely limits its utility as habitat for such wildlife.

Study Area. For the majority of the terrestrial cultural portions of the Study Area, the potential to support a diverse or natural wildlife population is low. These areas have limited vegetation and food sources and, therefore, provide inadequate resources to sustain a healthy and diverse wildlife community because of the high degree of development. Based on these considerations, the wildlife habitat value of the terrestrial cultural areas, including the *urban structure exterior* and *cropland* covertypes, is considered to be poor.

The *successional northern hardwood forest*, aquatic, and wetland covertypes of the Study Area offer the most valuable habitat within the Study Area. Avian and small mammal species find suitable food and cover in these areas. Indicators of use of this covertype by other mammals such as muskrat (*Ondatra zibethicus*), beaver (*Castor canadensis*), fox, and deer were not observed during the Study Area reconnaissance; however, these species could potentially inhabit these areas.

Portions of the Clyde River within the Study Area are likely fish habitat. Additionally, the undeveloped areas surrounding these water bodies likely serve as forage, nesting, and roosting areas for local and migratory wildlife.

3.5.2. Value of resources to humans

Site. The current character of the undeveloped areas of the Site provides little value to humans, due in part to the relatively small size and restricted access.

Study Area. The *successional northern hardwood forest* areas of the Study Area likely provide opportunity for hiking, birdwatching, and similar forms of outdoor recreation, including small and large mammal hunting. Similarly, the Clyde River likely provides ample recreation opportunities for the public, including boating and seasonal fishing.

The palustrine areas within the Study Area provide a number of wetland-related values to the public. These values include flood storage capacity, sediment/toxicant retention, and natural productivity. These

characteristics assist in maintaining water quality in areas downstream of these habitats.

4. Identification of applicable criteria and constituents of potential concern

This section identifies the applicable ecological criteria, summarizes the potential ecological exposure pathways present at the Site, and identifies constituents of potential concern (COPCs). This information corresponds to Steps ID, IIA, and IIB of the Guidance, respectively.

4.1. Applicable criteria

The Guidance identifies New York State Water Quality Standards and Guidance Values, NYSDEC Division of Water Technical and Operational Guidance Series (TOGS), and NYSDEC Technical Guidance for Screening Contaminated Sediments as examples of contaminant-specific criteria.

Potential site-specific criteria identified in the FWIA Guidance include the Freshwater Wetlands Act (1975) and its implementing regulations (New York State Environmental Conservation Law [ECL] Article 24, 6 NYCRR Parts 663 and 664), and the laws and regulations governing streams and navigable water bodies (ECL Article 15, 6 NYCRR Part 608). The Freshwater Wetlands Act (1975) is designed to prevent the destruction of freshwater wetlands by requiring permits for defined activities in wetlands. The Use and Protection of Waters is regulated by a permit system under 6 NYCRR Part 608. The basis for permit issuance is a determination that the proposal is in the public interest by being reasonable and necessary; will not endanger the health, safety, or welfare of the people; and will not cause unreasonable, uncontrolled, or unnecessary damage to the natural resources of the state.

These and other potentially applicable criteria are listed in Table 4-1. Detailed descriptions of the criteria and media screening value sources are presented in Section 4.3, below.

4.2. Exposure pathway summary

This subsection discusses potential routes of exposure to Site-related contaminants for wildlife receptors. Exposure is the contact of a receptor with a chemical or physical agent. An exposure pathway is a mechanism by which a receptor may be exposed to a chemical or physical agent at, or originating from, a source. The three primary routes of exposure are inhalation, ingestion, and dermal contact. Exposure pathways are classified as being complete or incomplete. An

exposure pathway is complete when receptors exist that could contact a physical or chemical agent under specified conditions. The pathway is incomplete if there are no receptors or no exposures could occur under the specified conditions.

Based on the media sampling performed for the RI, constituents have been detected in Site surface soils, surface water, and sediment. Therefore, direct contact exposures potentially exist for terrestrial and aquatic receptors inhabiting and/or utilizing these media on the Site. Additionally, potentially complete exposures exist via the food chain for wildlife foraging from the Site's surface soils, surface water, and sediment.

4.3. Media screening methods

In accordance with Step IIB of the Guidance, the identification of COPCs for the Site is based on comparisons of maximum detected concentrations to conservative ecologically based screening criteria. Media data utilized for these comparisons includes surface soil, surface water, and sediment samples collected by O'Brien & Gere during field efforts related to the RI performed in May 2002 (see Sections 3.9 and 3.10 of the RI report). Although surface water and sediment sampling was historically performed by the NYSDEC at the Site, O'Brien & Gere's spring 2002 sampling data was utilized for this screening process. The O'Brien & Gere samples were collected in approximately the same locations as the NYSDEC samples and are, therefore, likely more representative of current Site conditions.

Presented in the following subsections is a discussion of the media-specific criteria and/or screening values utilized in the COPC identification process.

4.3.1. Soil screening comparison

Literature references were used to identify ecological soil screening levels. These references are described below. The screening values were chosen based on what is currently available in the literature and the potential receptors and exposure scenarios existing at the Site. The surface soil screening values are summarized on Table 4-2.

Toxicological Benchmarks for Screening Contaminants of Potential Concern for Effects on Terrestrial Plants: 1997 Revision (Efroymson *et al.* 1997a). Plant toxicity data are presented and used to derive benchmarks for screening the potential hazard to terrestrial plants caused by the presence of constituents in soil. The report presents phytotoxicity benchmarks for thirty-eight chemicals. The authors of the report intended that constituents in soil at concentrations exceeding both the phytotoxicity benchmark and the background concentration for the soil

type should be considered COPCs. However, for the FWIA, a comparison of Site concentrations to Site-specific background was not performed for the constituent screening.

If a constituent concentration or the reported detection limit exceeds the screening benchmark, additional evaluation is warranted to determine the potential hazards posed by exposure to the soil constituents. Conversely, if the constituent concentration or its detection limit falls below the proposed benchmark, the constituent may be excluded from further study. Elimination of COPCs based on screening against these benchmarks is assumed to be sufficiently protective of potential adverse impacts to plants in exposed media. As stated in this reference, these benchmarks are suitable for screening purposes, but should not be used to establish remedial goals or as final evidence of phytotoxicity.

Toxicological Benchmarks for Contaminants of Potential Concern for Effects on Soil and Litter Invertebrates and Heterotrophic Processes: 1997 Revision (Efroymson *et al.* 1997b). This reference presents toxicologically-based benchmarks for soil invertebrates and microbial processes. If a chemical concentration or reported detection limit exceeds the screening benchmark, additional analysis may be needed to determine the hazards to exposed receptors. However, if the concentration or detection limit falls below the calculated benchmark, the constituent may be excluded from further study. In this reference, the method for deriving soil benchmarks is based on the NOAA's method for deriving the Effects Range Low (ERL) values (Long and Morgan 1990). The ERL is defined as the tenth percentile of the distribution of toxic effects thresholds for organisms in sediments.

References on toxicity to soil and litter dwelling invertebrates, microbes, and microbial processes were obtained from searches of several bibliographic databases, review articles, and conventional literature searches. Soil benchmarks are based on data provided by toxicity studies in the field or in laboratory settings. These benchmarks are appropriate for screening purposes only. Soil and invertebrate characteristics also play a large part in toxicity and therefore should be incorporated in the evaluation of the potential constituent-specific hazards. For example, if constituent concentrations reported in soils supporting many invertebrates exceed one or more of the benchmarks, or if a benchmark is exceeded by background soil concentrations, it is assumed that the benchmark is a poor measure of risk to soil invertebrates at that particular site.

4.3.2. Surface water screening comparison

Maximum detected surface water constituent concentrations in the Old Erie Canal ditch were compared to the values presented in the following sources: the National Recommended Ambient Water Quality Criteria - Correction (USEPA 1999) and the Technical and Operational Guidance Series Number 1.1.1. New York State Ambient Water Quality Standards

and Guidance Values (NYSDEC 1998). These references are described below. The screening values are summarized on Table 4-3.

National Recommended Ambient Water Quality Criteria-Correction (USEPA 1999). The water quality criteria developed by USEPA under section 304(a) of the Clean Water Act are based on data and scientific judgments about the relationship between chemical concentrations and environmental and human health effects with provision of conservative scaling, or safety factors, to provide an additional margin of safety. National recommended water quality criteria have been developed for 147 constituents.

Technical and Operational Guidance Series Number 1.1.1. New York State Ambient Water Quality Standards and Guidance Values (NYSDEC 1998). The NYSDEC surface water quality standards and guidance values are specific to each "class" of water identified by the state. Standards and guidance values are ambient water quality values derived according to procedures that are in regulation (6 NYCRR Part 702). Standards are values that have been promulgated and placed into regulation. Guidance values may be considered where a standard for a substance or group of substances has not been established for a particular water class and type, but do not have the regulatory implications of the standards.

The NYSDEC standards and guidance values derived for the protection of *freshwater* aquatic life from *chronic* effects or for protection of wildlife for Class C waters, were selected as screening values for this study.

4.3.3. Sediment screening comparison

Maximum detected constituent concentrations in sediment samples collected from the Old Erie Canal ditch were compared to the values presented in NYSDEC's Technical Guidance for Screening Contaminated Sediments (NYSDEC 1999). Table 4-4 presents a summary of the screening process. The NYSDEC sediment criteria were designed to assess sediment residues and to assist in the preliminary screening assessment of the potential risk posed by the constituents to exposed ecological receptors, if any. NYSDEC developed sediment criteria for two classes of compounds: non-polar organics and metals.

Criteria for non-polar organics were derived using the equilibrium partitioning (EqP) approach which is based on theoretical relationships between the pore water constituent concentration and an estimate of the constituent's affinity to sorb to organic carbon in the sediment. Recent and historic sediment samples collected from the Site were not analyzed for organic carbon. Therefore, the criteria as presented on Table 4-4 have been normalized for the amount of organic carbon estimated to exist in the sediment samples collected by O'Brien & Gere from the Site. For the purposes of this report, the organic carbon content of each of the Site sediment samples is estimated to be five percent. This estimate is

based, in part, on field observations recorded by the sampling crew. Note that the Site sediment samples were collected from portions of the Old Erie Canal located adjacent to the Site. This area, as described previously, contains a substrate characteristic of an emergent wetland habitat, including the presence of a mucky substrate that includes a significant amount of decomposed vegetative matter. Wetland soils typically have an organic carbon content ranging from ten to 35 percent. Therefore, the estimate of five percent utilized for the criteria comparisons performed herein, in lieu of Site-specific organic carbon analytical data, is considered reasonable and conservative.

The concentration of a biologically available constituent is estimated by the EqP method and related to potential toxicity and bioaccumulation by comparison to existing criteria established for the water column. NYSDEC or USEPA water quality standards and guidance values are used to derive sediment criteria.

Metals criteria were derived based on methods from the Ministry of Ontario and NOAA. In this approach, the lowest effect level (LEL) and severe effect level (SEL) were derived by Persaud *et al.* (1993) using field-based data on the co-occurrence of sediment chemical concentrations and benthic species. The calculation of the LEL for a chemical is a two-step process. The screening level concentrations for each individual benthic species were calculated. The sediment concentrations at all locations at which that species was present are plotted in order of increasing concentrations. The 90th percentile was selected by Persaud as a conservative estimate of the tolerance range of species. In the second step, the 90th percentiles for all of the species are plotted, also in order of increasing concentration. From this plot, the fifth percentile is calculated and used as the LEL. Both the LEL and SEL are presented on the attached sediment screening table (Table 4-4).

4.4. COPC summary

The objective of COPC identification is to identify the specific constituents in the environmental media that are present at concentrations that exceed screening values and, therefore, may require further evaluation as part of additional FWIA tasks. For this FWIA, the identification of COPCs for the Site was based on comparisons of maximum detected constituent media concentrations to ecologically based screening criteria. If the maximum media constituent concentration exceeded the lowest screening value, the constituent was identified as a COPC. In addition, consistent with the Guidance, constituents for which standards or screening values do not exist were included as COPCs. However, it should be recognized that evaluation of Site data for exceedance of the identified benchmark values is the first step in the screening process. Exceedence of screening values does not,

in itself, indicate a risk to wildlife, but is an indication of potential exposures to those constituents identified in the screening step.

The results of the screening process are summarized below. Tables 4-2, 4-3, 4-4 present the COPCs for surface soil, surface water and sediment, respectively.

Surface soils

- five inorganic and one organic constituents were identified as COPCs
- three inorganic and nine organic constituents did not have screening values available in the referenced sources

Surface water

- five inorganic and one organic constituents were identified as COPCs
- six inorganic and 16 organic constituents did not have screening values available in the referenced sources

Sediment

- twelve inorganic and 11 organic constituents were identified as COPCs
- ten inorganic and 20 organic constituents did not have screening values available in the referenced literature.

5. Conclusions

This FWIA evaluated the physical and biological characteristics and potential ecological receptors at the Old Erie Canal Site in Clyde, New York. Step IIB of the FWIA Guidance was performed for this assessment. The results and conclusions of this assessment are presented below.

Site

- The terrestrial portion of the Site is developed with buildings, asphalt, and/or maintained lawns, which prevent or limit use by transient or residential wildlife species. In addition, the active rail line located along the southern portion of the Site further limits use of the Site by transient or residential wildlife species. Ecological receptors are unlikely to utilize the terrestrial portions of the Site due to the lack of and/or poor quality habitat.
- A palustrine habitat, the former Barge Canal turnaround, exists at the western border of the Site. This *Phragmites*-dominated area provides limited habitat for foraging and resting for terrestrial and semi-aquatic receptors. There are no state-regulated wetlands or NWI wetland habitats on the Site. Aquatic areas do not exist on-site.

Study Area

- The terrestrial areas within the Study Area consist of a mixture of natural communities, agricultural fields, and areas exhibiting urban/suburban land use. The northern portion of the Study Area is developed and consists of residential and light commercial areas which prevent or limit use by transient or residential wildlife species.
- The southern portion of the Study Area consists largely of cropland, which provides little fish and wildlife resource value. The cropland areas are interspersed with natural coverts including successional northern hardwood forests, freshwater wetland, and open water areas that provide appropriate habitat for a variety of fish and wildlife species.
- The Clyde River/Barge Canal dissects the center of the Study Area and likely contains appropriate habitat for a variety of small mammal, avian, reptilian, amphibian and fish species. There are no state-regulated wetlands or NWI wetland habitats in the Study Area.

- The USFWS has indicated that no Federally-listed or proposed endangered or threatened species are known to exist in the Study Area.

Resource Area

- Based on the available mapping, several state-regulated wetlands and NWI wetland habitats are located within two miles of the site.
- The NYNHP has identified a significant natural community located approximately one mile west of the site. This community includes various wetland habitats associated with the floodplain of the Clyde River upstream of the site.

Chemical Constituents

- Concentrations of chemical constituents in Site media (surface soil, surface water, and sediment) were detected above conservative, ecologically-based criteria and/or screening values. Based on the data collected during the RI, and the initial screening of that data using applicable criteria, sufficient information is available to proceed to the Feasibility Study.

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Table 2-1
Old Erie Canal Site
Clyde, New York
Fish and Wildlife Impact Analysis
Water Quality Parameters of Old Erie Canal

Location	pH	Conductivity (mS/cm)	Temperature (°C)	Dis. Oxygen (mg/L)
At inlet of culvert where canal discharges under RR tracks west of site; sample SW05 area.	7.75	1.0	9.8	9.8
Downstream of culvert where the canal emerges from filled portion; sample SW04 area.	7.3	1.02	8.4	8.1
Upstream of site at culvert inlet to filled portion of canal; sample SW02 area.	7.7	1.01	11.8	10.8
Upstream of site; sample SW01 area.	7.53	1.02	9.7	7.2
NOTES: Water quality parameters were measured on 5/1/02 using a Horiba U-10 deployed in the center of the channel. Measurement locations listed from downstream to upstream; west to east of site.				

Table 3-1
Wildlife Associated with Successional Northern Hardwoods
Old Erie Canal Site
Fish and Wildlife Impact Analysis

Common Name	Scientific Name
Reptiles/Amphibians	
common snapping turtle	<i>Chelydra serpentina</i>
wood turtle	<i>Clemmys insculpta</i>
eastern box turtle	<i>Terrapene carolina bauri</i>
five lined skink	<i>Eumeces fasciatus</i>
coal skink	<i>Eumeces anthracinus</i>
northern water snake	<i>Natrix sipedon sipedon</i>
northern brown snake	<i>Storeria dekayi dekayi</i>
northern redbelly snake	<i>Storeria occipitomaculata</i>
eastern garter snake	<i>Thamnophis sirtalis sirtalis</i>
northern ringneck snake	<i>Diadophis punctatus edwardsi</i>
eastern worm snake	<i>Carphophis amoenus amoenus</i>
northern black racer	<i>Coluber constrictor constrictor</i>
eastern smooth green snake	<i>Opheodrys vernalis</i>
black rat snake	<i>Elaphe obsoleta obsoleta</i>
eastern milk snake	<i>Lampropeltis triangulum triangulum</i>
Jefferson salamander	<i>Ambystoma jeffersonianum</i>
redback salamander	<i>Plethodon cinereus</i>
American toad	<i>Bufo americanus</i>
wood frog	<i>Rana sylvatica</i>
Birds	
great blue heron	<i>Ardea herodias</i>
green heron	<i>Butorides striatus</i>
little blue heron	<i>Egretta caerulea</i>
great egret	<i>Casmerodius albus</i>
snowy egret	<i>Egretta thula</i>
tricolored heron	<i>Egretta tricolor</i>
black crowned night heron	<i>Nycticorax nycticorax</i>

Table 3-1
Wildlife Associated with Successional Northern Hardwoods
Old Erie Canal Site
Fish and Wildlife Impact Analysis

Common Name	Scientific Name
yellow crowned night heron	<i>Nyctanassa violacea</i>
mallard	<i>Anas platyrhynchos</i>
American black duck	<i>Anas rubripes</i>
wood duck	<i>Aix sponsa</i>
common merganser	<i>Mergus merganser</i>
hooded merganser	<i>Lophodytes cucullatus</i>
northern goshawk	<i>Accipiter gentilis</i>
Cooper's hawk	<i>Accipiter cooperii</i>
red tailed hawk	<i>Buteo jamaicensis</i>
red shouldered hawk	<i>Buteo lineatus</i>
broad winged hawk	<i>Buteo platypterus</i>
bald eagle	<i>Haliaeetus leucocephalus</i>
osprey	<i>Pandion haliaetus</i>
peregrine falcon	<i>Falco peregrinus</i>
American kestrel	<i>Falco sparverius</i>
ruffed grouse	<i>Bonasa umbellus</i>
common bobwhite	<i>Colinus virginianus</i>
American woodcock	<i>Scolopax minor</i>
mourning dove	<i>Zenaida macroura</i>
yellow billed cuckoo	<i>Coccyzus americanus</i>
black billed cuckoo	<i>Coccyzus erythrophthalmus</i>
barn owl	<i>Tyto alba</i>
common screech owl	<i>Otus asio</i>
great horned owl	<i>Bubo virginianus</i>
long eared owl	<i>Asio otus</i>
saw-whet owl	<i>Aegolius acadicus</i>
whip-poor-will	<i>Caprimulgus vociferus</i>
common nighthawk	<i>Chordeiles minor</i>

Table 3-1
Wildlife Associated with Successional Northern Hardwoods
Old Erie Canal Site
Fish and Wildlife Impact Analysis

Common Name	Scientific Name
common flicker	<i>Colaptes auratus</i>
pileated woodpecker	<i>Dryocopus pileatus</i>
red bellied woodpecker	<i>Melanerpes carolinus</i>
red headed woodpecker	<i>Melanerpes erythrocephalus</i>
yellow bellied sapsucker	<i>Sphyrapicus varius</i>
hairy woodpecker	<i>Picoides villosus</i>
downy woodpecker	<i>Picoides pubescens</i>
eastern kingbird	<i>Tyrannus tyrannus</i>
great crested flycatcher	<i>Myiarchus crinitus</i>
eastern phoebe	<i>Sayornis phoebe</i>
acadian flycatcher	<i>Empidonax virescens</i>
willow flycatcher	<i>Empidonax traillii</i>
alder flycatcher	<i>Empidonax alnorum</i>
least flycatcher	<i>Empidonax minimus</i>
eastern pewee	<i>Contopus virens</i>
tree swallow	<i>Tachycineta bicolor</i>
blue jay	<i>Cyanocitta cristata</i>
American crow	<i>Corvus brachyrhynchos</i>
black capped chickadee	<i>Parus atricapillus</i>
white breasted nuthatch	<i>Sitta carolinensis</i>
brown creeper	<i>Certhia americana</i>
house wren	<i>Troglodytes aedon</i>
winter wren	<i>Troglodytes troglodytes</i>
Carolina wren	<i>Thryothorus ludovicianus</i>
gray catbird	<i>Dumetella carolinensis</i>
brown thrasher	<i>Toxostoma rufum</i>
American robin	<i>Turdus mirgatorius</i>
wood thrush	<i>Hylocichla mustelina</i>

Table 3-1
Wildlife Associated with Successional Northern Hardwoods
Old Erie Canal Site
Fish and Wildlife Impact Analysis

Common Name	Scientific Name
hermit thrush	<i>Catharus guttatus</i>
Swainson's thrush	<i>Catharus ustulatus</i>
veery	<i>Catharus fuscescens</i>
eastern bluebird	<i>Sialia sialis</i>
cedar waxwing	<i>Bombycilla cedrorum</i>
loggerhead shrike	<i>Lanius ludovicianus</i>
white eyed vireo	<i>Vireo griseus</i>
yellow throated vireo	<i>Vireo flavifrons</i>
red-eyed vireo	<i>Vireo olivaceus</i>
Philadelphia vireo	<i>Vireo philadelphicus</i>
warbling vireo	<i>Vireo gilvus</i>
black and white warbler	<i>Mniotilta varia</i>
worm eating warbler	<i>Helmitheros vermivorus</i>
golden winged warbler	<i>Vermivora chrysoptera</i>
bluewinged warbler	<i>Vermivora pinus</i>
Tennessee warbler	<i>Vermivora peregrina</i>
Nashville warbler	<i>Vermivora ruficapilla</i>
yellow warbler	<i>Dendroica petechia</i>
chestnut sided warbler	<i>Dendroica pensylvanica</i>
prairie warbler	<i>Dendroica discolor</i>
ovenbird	<i>Seiurus aurocapillus</i>
mourning warbler	<i>Oporornis philadelphia</i>
common yellowthroat	<i>Geothlypis trichas</i>
yellow breasted chat	<i>Icteria virens</i>
Canada warbler	<i>Wilsonia canadensis</i>
American redstart	<i>Setophaga ruticilla</i>
common grackle	<i>Quiscalus quiscula</i>
brown headed cowbird	<i>Molothrus ater</i>

Table 3-1
Wildlife Associated with Successional Northern Hardwoods
Old Erie Canal Site
Fish and Wildlife Impact Analysis

Common Name	Scientific Name
scarlet tanager	<i>Piranga olivacea</i>
northern cardinal	<i>Cardinalis cardinalis</i>
rose breasted grosbeak	<i>Pheucticus ludovicianus</i>
indigo bunting	<i>Passerina cyanea</i>
American goldfinch	<i>Carduelis tristis</i>
rufous sided towhee	<i>Pipilo erythrophthalmus</i>
chipping sparrow	<i>Spizella passerina</i>
field sparrow	<i>Spizella pusilla</i>
white throated sparrow	<i>Zonotrichia albicollis</i>
swamp sparrow	<i>Melospiza georgiana</i>
song sparrow	<i>Melospiza melodia</i>
Mammals	
masked shrew	<i>Sorex cinerus</i>
smoky shrew	<i>Sorex fumeus</i>
northern water shrew	<i>Sorex palustris</i>
least shrew	<i>Cryptotis parva</i>
shorttail shrew	<i>Blarina brevicauda</i>
hairytail mole	<i>Parascalops breweri</i>
little brown myotis	<i>Myotis lucifugus</i>
keen myotis	<i>Myotis keeni</i>
small footed myotis	<i>Myotis subulatus</i>
silver haired bat	<i>Lasionycteris noctivagans</i>
eastern pipistrelle	<i>Pipistrellus subflavus</i>
big brown bat	<i>Eptesicus fuscus</i>
red bat	<i>Lasiurus borealis</i>
hoary bat	<i>Lasiurus cinereus</i>
raccoon	<i>Procyon lotor</i>
shorttail weasel	<i>Mustela erminea</i>

Table 3-1
Wildlife Associated with Successional Northern Hardwoods
Old Erie Canal Site
Fish and Wildlife Impact Analysis

Common Name	Scientific Name
longtail weasel	<i>Mustela frenata</i>
mink	<i>Mustela vison</i>
striped skunk	<i>Mephitis mephitis</i>
coyote	<i>Canis latrans</i>
red fox	<i>Vulpes fulva</i>
gray fox	<i>Urocyon cinereoargenteus</i>
woodchuck	<i>Marmota monax</i>
eastern chipmunk	<i>Tamias striatus</i>
red squirrel	<i>Tamiasciurus hudsonicus</i>
southern flying squirrel	<i>Glaucomys volans</i>
northern flying squirrel	<i>Glaucomys sabrinus</i>
beaver	<i>Castor canadensis</i>
deer mouse	<i>Peromyscus maniculatus</i>
white footed mouse	<i>Peromyscus leucopus</i>
boreal red backed vole	<i>Clethrionomys gapperi</i>
meadow vole	<i>Microtus pennsylvanicus</i>
pine vole	<i>Pitymys pinetorum</i>
meadow jumping mouse	<i>Zapus hudsonius</i>
woodland jumping mouse	<i>Napaeozapus insignis</i>
porcupine	<i>Erethizon dorsatum</i>
snowshoe hare	<i>Lepus americanus</i>
eastern cottontail	<i>Sylvilagus floridanus</i>
New England cottontail	<i>Sylvilagus transitionalis</i>
white-tailed deer	<i>Odocoileus virginianus</i>
<i>Source: Chambers 1983.</i>	

Table 4-1
Potentially Applicable Fish and Wildlife Criteria, Standards, and Guidance Values
Old Erie Canal Site

Fish and Wildlife Impact Analysis

<i>Environmental Media</i>	<i>Potentially Applicable Criteria, Standards, and Guidance</i>
Soil	The NYSDEC has not established ecologically-based criteria for soils; <i>Toxicological Benchmarks for Contaminants of Potential Concern for Effects on Terrestrial Plants: 1997 Revision. (Efroymson et al. 1997a);</i> <i>Toxicological benchmarks for Contaminants of Potential Concern for Effects on Soil and Litter Invertebrates and Heterotrophic Process: 1997 Revision. (Efroymson et al. 1997b)</i> <i>Ecological Screening Values for Surface Water, Sediment and Soil (Friday 1998)</i> <i>Ecological Soil Screening Level Guidance-Draft (USEPA 2000)</i>
Surface Water	Ambient Water Quality Standards and Guidance Values and Ground Water Effluent Limitations, TOGS 1.1.1 (NYSDEC 1998) National Recommended Water Quality Criteria-Correction (USEPA 1999) <i>Toxicological Benchmarks for Screening Potential Contaminants of Concern for Effects on Aquatic Biota (Suter and Tsao 1996)</i>
Sediments	Technical Guidance for Screening Contaminated Sediments (NYSDEC 1999) <i>Ecological Screening Values for Surface Water, Sediment and Soil (Friday 1998)</i> <i>Guidelines for the Protection and Management of Aquatic Sediment Quality in Ontario (Persaud et al. 1993)</i>
Wetlands	NY Freshwater Wetlands Act (NYCRR Parts 663, 664) USEPA Clean Water Act - Section 404

Table 4-2.
Screening of Constituents Detected in Surface Soil
Old Erie Canal Site, Clyde, New York
Fish and Wildlife Impact Analysis

Constituent ¹	Units	Frequency of Detection	Detected Concentration	Sample ID	Screening Value ²	Detected Conc. Exceed Screening?
Aluminum	mg/kg	1 / 1	7,530	RI SS-01	50	Exceed
Antimony	mg/kg	1 / 1	1.2	RI SS-01	3.5	No
Arsenic	mg/kg	1 / 1	7.5	RI SS-01	10	No
Barium	mg/kg	1 / 1	32	RI SS-01	165	No
Beryllium	mg/kg	1 / 1	0.24	RI SS-01	1.1	No
Cadmium	mg/kg	1 / 1	0.39	RI SS-01	1.6	No
Calcium	mg/kg	1 / 1	2,560	RI SS-01	NV	NAP
Chromium	mg/kg	1 / 1	6.3	RI SS-01	0.40	Exceed
Cobalt	mg/kg	1 / 1	2.5	RI SS-01	20	No
Copper	mg/kg	1 / 1	13	RI SS-01	40	No
Iron	mg/kg	1 / 1	7,830	RI SS-01	200	Exceed
Lead	mg/kg	1 / 1	47	RI SS-01	50	No
Magnesium	mg/kg	1 / 1	1,040	RI SS-01	NV	NAP
Manganese	mg/kg	1 / 1	97	RI SS-01	100	No
Mercury	mg/kg	1 / 1	0.098	RI SS-01	0.10	No
Nickel	mg/kg	1 / 1	5.1	RI SS-01	30	No
Potassium	mg/kg	1 / 1	549	RI SS-01	NV	NAP
Silver	mg/kg	1 / 1	0.18	RI SS-01	2.0	No
Vanadium	mg/kg	1 / 1	12	RI SS-01	2.0	Exceed
Zinc	mg/kg	1 / 1	54	RI SS-01	50	Exceed
4,4'-DDE	mg/kg	1 / 1	2.1	RI SS-01	NV	NAP
4,4'-DDT	mg/kg	1 / 1	0.37	RI SS-01	NV	NAP
Benzo(a)pyrene	mg/kg	1 / 1	0.070	RI SS-01	0.10000	No
Benzo(b)fluoranthene	mg/kg	1 / 1	0.080	RI SS-01	NV	NAP
Benzo(g,h,i)perylene	mg/kg	1 / 1	0.045	RI SS-01	NV	NAP
Benzo(k)fluoranthene	mg/kg	1 / 1	0.060	RI SS-01	NV	NAP
bis(2-Ethylhexyl)phthalate	mg/kg	1 / 1	0.13	RI SS-01	NV	NAP
Chrysene	mg/kg	1 / 1	0.080	RI SS-01	NV	NAP
Di-n-butylphthalate	mg/kg	1 / 1	0.028	RI SS-01	200.00	No
Di-n-octyl phthalate	mg/kg	1 / 1	0.041	RI SS-01	NV	NAP
Fluoranthene	mg/kg	1 / 1	0.11	RI SS-01	0.10	Exceed
Indeno(1,2,3-cd)pyrene	mg/kg	1 / 1	0.043	RI SS-01	NV	NAP
Phenanthrene	mg/kg	1 / 1	0.038	RI SS-01	0.10	No
Pyrene	mg/kg	1 / 1	0.086	RI SS-01	0.10	No
pH (soil)	ph units	1 / 1	6.6	RI SS-01	NAP	NAP

1. Data from surface soil sample collected on May 21, 2002, by O'Brien & Gere.

2. Screening values as presented in *Ecological Screening Values for Surface Water, Sediment, and Soil* (Friday 1998).

mg/kg = Milligrams per kilogram.

NAP = Not applicable.

NV = No screening value.

Table 4-3.
Screening of Constituents Detected in Surface Water
Old Erie Canal Site, Clyde, New York
Fish and Wildlife Impact Analysis

Constituent ¹	Units	Frequency of Detection	Sample ID with Max Detect	Summary Statistics		NYSDEC Screening Value ²	Max Detect Exceed Screening Criteria?	USEPA Screening Value ³	Max Detect Exceed Screening Criteria?
				Minimum	Maximum				
Aluminum	ug/L	6 / 6	RI SW-04	54	1,950	100	Exceed	87	Exceed
Antimony	ug/L	1 / 6	RI SW-04	4.3	4.3	NV	NAP	NV	NAP
Arsenic	ug/L	3 / 6	RI SW-04	7.5	16	150	No	150	No
Barium	ug/L	6 / 6	RI SW-08	54	395	NV	NAP	NV	NAP
Beryllium	ug/L	2 / 6	RI SW-05	0.30	0.36	1,100	No	NV	NAP
Cadmium	ug/L	3 / 6	RI SW-04	0.41	0.45	6 ⁴	No	2.2	No
Calcium	ug/L	6 / 6	RI SW-04	95,200	126,000	NV	NAP	NV	NAP
Chromium	ug/L	3 / 6	RI SW-04	1.6	7.4	233 ⁴	No	74	No
Cobalt	ug/L	2 / 6	RI SW-04	1.7	2.9	5.0	No	NV	NAP
Copper	ug/L	2 / 6	RI SW-04	11	18	30 ⁴	No	9.0	Exceed
Iron	ug/L	6 / 6	RI SW-04	192	39,600	300	Exceed	1,000	Exceed
Lead	ug/L	4 / 6	RI SW-04	2.6	53	11 ⁴	Exceed	2.5	Exceed
Magnesium	ug/L	6 / 6	RI SW-09	14,800	23,900	NV	NAP	NV	NAP
Manganese	ug/L	6 / 6	RI SW-08	40	1,510	NV	NAP	NV	NAP
Nickel	ug/L	4 / 6	RI SW-04	1.4	6.6	170 ⁴	No	NV	NAP
Potassium	ug/L	6 / 6	RI SW-09	2,730	8,590	NV	NAP	NV	NAP
Vanadium	ug/L	2 / 6	RI SW-04	6	8	14 ⁴	No	NV	NAP
Zinc	ug/L	6 / 6	RI SW-04	10	582	272 ⁴	Exceed	120	Exceed
Benzo(a)anthracene	ug/L	1 / 6	RI SW-08	1.0	1.0	0.030	Exceed	NV	NAP
Benzo(a)pyrene	ug/L	2 / 6	RI SW-04	2.0	4.0	0.0012	Exceed	NV	NAP
Benzo(b)fluoranthene	ug/L	2 / 6	RI SW-04	3.0	5.0	NV	NAP	NV	NAP
Benzo(g,h,i)perylene	ug/L	2 / 6	RI SW-04	3.0	5.0	NV	NAP	NV	NAP
Benzo(k)fluoranthene	ug/L	2 / 6	RI SW-04	2.0	4.0	NV	NAP	NV	NAP
Chrysene	ug/L	2 / 6	RI SW-04	3.0	5.0	NV	NAP	NV	NAP
Dibenzo(a,h)anthracene	ug/L	1 / 6	RI SW-08	0.60	0.60	NV	NAP	NV	NAP
Di-n-octyl phthalate	ug/L	1 / 6	RI SW-03	3.0	3.0	NV	NAP	NV	NAP
Fluoranthene	ug/L	2 / 6	RI SW-04	6.0	8.0	NV	NAP	NV	NAP
Indeno(1,2,3-cd)pyrene	ug/L	2 / 6	RI SW-04	2.0	4.0	NV	NAP	NV	NAP
Pentachlorophenol	ug/L	1 / 6	RI SW-07	2.0	2.0	6.5	No	15	No
Phenanthrene	ug/L	1 / 6	RI SW-08	2.0	2.0	5.0	No	NV	NAP
Pyrene	ug/L	2 / 6	RI SW-04	4.0	6.0	4.6	Exceed	NV	NAP
1,1,1-Trichloroethane	ug/L	1 / 10	RI SW-09	3.3	3.3	NV	NAP	NV	NAP
1,1-Dichloroethane	ug/L	3 / 10	RI SW-09	0.26	2.2	NV	NAP	NV	NAP
cis-1,2-Dichloroethene	ug/L	10 / 10	RI SW-09	8.8	530	NV	NAP	NV	NAP
Tetrachloroethene	ug/L	2 / 10	RI SW-09	3.9	9	NV	NAP	NV	NAP
trans-1,2-Dichloroethene	ug/L	2 / 10	RI SW-09	2.0	3.9	NV	NAP	NV	NAP

Table 4-3.
Screening of Constituents Detected in Surface Water
Old Erie Canal Site, Clyde, New York
Fish and Wildlife Impact Analysis

Constituent ¹	Units	Frequency of Detection	Sample ID with Max Detect	Summary Statistics		NYSDEC Screening Value ²	Max Detect Exceed Screening Criteria?	USEPA Screening Value ³	Max Detect Exceed Screening Criteria?
				Minimum	Maximum				
Trichloroethene	ug/L	10 / 10	RI SW-09	1.0	120	NV	NAP	NV	NAP
Vinyl chloride	ug/L	9 / 10	RI SW-09	0.84	36	NV	NAP	NV	NAP
pH (water)	ph units	6 / 6	RI SW-05	7.4	8.0	NV	NAP	NV	NAP

1. Data collected on May 21, 2002 by O'Brien & Gere.

2. NYSDEC 1998. *Technical and Operational Guidance Series (TOGS) Number 1.1.1.* New York State Ambient Water Quality Standards and Guidance Values for Class C waters.

3. USEPA 1999. *National Recommended Water Quality Criteria.* Freshwater Criteria Continuous Concentration (CCC).

4. Hardness-dependent criteria were calculated using sample-specific (RISW-04) calcium and magnesium concentrations (hardness as CaCO₃ = 406 mg/L), and the applicable formulas from the NYSDEC reference.

ug/L = Micrograms per liter.

NAP = Not applicable.

NV = no screening value was available.

Table 4-4.
Screening of Constituents Detected in Sediment
Old Erie Canal, Clyde, New York
Fish and Wildlife Impact Analysis

Constituent ¹	Units	Frequency of Detection	Sample ID for Max Detect	Summary Statistics		Screening Value - LEL or Wildlife Bioaccumulation ²		Screening Value - SEL or Benthic Toxicity ²	
				Minimum	Maximum	Value	Max Detect Exceed?	Value	Max Detect Exceed?
Aluminum	mg/kg	8 / 8	RI SED 06	2,070	14,400	NV	NAP	NV	NAP
Antimony	mg/kg	8 / 8	RI SED 06	3.7	33	2.0	Exceed	25	Exceed
Arsenic	mg/kg	8 / 8	RI SED 06	9.1	113	6.0	Exceed	33	Exceed
Barium	mg/kg	8 / 8	RI SED 04	136	464	NV	NAP	NV	NAP
Beryllium	mg/kg	8 / 8	RI SED 06	0.14	0.84	NV	NAP	NV	NAP
Cadmium	mg/kg	8 / 8	RI SED 06	1.2	86	0.60	Exceed	9.0	Exceed
Calcium	mg/kg	8 / 8	RI SED 10	12,500	75,000	NV	NAP	NV	NAP
Chromium	mg/kg	8 / 8	RI SED 06	8.7	209	26	Exceed	110	Exceed
Cobalt	mg/kg	8 / 8	RI SED 06	2.8	31	NV	NAP	NV	NAP
Copper	mg/kg	8 / 8	RI SED 08	32	609	16	Exceed	110	Exceed
Iron	mg/kg	8 / 8	RI SED 04	17,100	119,000	2%	Exceed	4%	Exceed
Lead	mg/kg	8 / 8	RI SED 08	102	331	31	Exceed	110	Exceed
Magnesium	mg/kg	8 / 8	RI SED 09	2,880	18,700	NV	NAP	NV	NAP
Manganese	mg/kg	8 / 8	RI SED 09	110	3,230	460	Exceed	1,100	Exceed
Mercury	mg/kg	8 / 8	RI SED 06	0.28	0.89	0.15	Exceed	1.3	No
Nickel	mg/kg	8 / 8	RI SED 06	14	79	16	Exceed	50	Exceed
Potassium	mg/kg	8 / 8	RI SED 06	590	2,600	NV	NAP	NV	NAP
Selenium	mg/kg	8 / 8	RI SED 07	1.5	7.2	NV	NAP	NV	NAP
Silver	mg/kg	7 / 8	RI SED 06	0.46	6.3	1.0	Exceed	2.2	Exceed
Sodium	mg/kg	1 / 8	RI SED 10	493	493	NV	NAP	NV	NAP
Vanadium	mg/kg	8 / 8	RI SED 06	7.6	60	NV	NAP	NV	NAP
Zinc	mg/kg	8 / 8	RI SED 04	184	1,700	120	Exceed	270	Exceed
Aroclor-1254	ug/kg	1 / 8	RI SED 10	180	180	70	Exceed	965	No
Aroclor-1260	ug/kg	6 / 8	RI SED 08	64	540	70	Exceed	965	No
4,4'DDD	ug/kg	1 / 8	RI SED 03	58	58	50	Exceed	50	Exceed
4,4'DDE	ug/kg	2 / 8	RI SED 03	32	79	50	Exceed	50	Exceed
4,4'-DDT	ug/kg	1 / 8	RI SED 03	58	58	50	Exceed	50	Exceed
Acenaphthene	ug/kg	2 / 8	RI SED 09	1,200	3,100	NV	NAP	7,000	No
Anthracene	ug/kg	3 / 8	RI SED 09	1,900	16,000	NV	NAP	5,350	Exceed
Benzo(a)anthracene	ug/kg	7 / 8	RI SED 09	270	88,000	NV	NAP	600	Exceed
Benzo(a)pyrene	ug/kg	8 / 8	RI SED 09	330	97,000	NV	NAP	NV	NAP
Benzo(b)fluoranthene	ug/kg	8 / 8	RI SED 09	400	130,000	NV	NAP	NV	NAP
Benzo(g,h,i)perylene	ug/kg	5 / 8	RI SED 09	780	35,000	NV	NAP	NV	NAP
Benzo(k)fluoranthene	ug/kg	8 / 8	RI SED 09	340	78,000	NV	NAP	NV	NAP

Table 4-4.
Screening of Constituents Detected in Sediment
Old Erie Canal, Clyde, New York
Fish and Wildlife Impact Analysis

Constituent ¹	Units	Frequency of Detection	Sample ID for Max Detect	Summary Statistics		Screening Value - LEL or Wildlife Bioaccumulation ²		Screening Value - SEL or Benthic Toxicity ²	
				Minimum	Maximum	Value	Max Detect Exceed?	Value	Max Detect Exceed?
bis(2-Ethylhexyl)phthalate	ug/kg	8 / 8	RI SED 04	880	8,800	NV	NAP	9,975	No
Chrysene	ug/kg	8 / 8	RI SED 09	360	100,000	NV	NAP	NV	NAP
Dibenzo(a,h)anthracene	ug/kg	3 / 8	RI SED 09	6,000	16,000	NV	NAP	NV	NAP
Dibenzofuran	ug/kg	2 / 8	RI SED 09	850	1,800	NV	NAP	NV	NAP
Fluoranthene	ug/kg	8 / 8	RI SED 09	600	230,000	NV	NAP	51,000	Exceed
Fluorene	ug/kg	2 / 8	RI SED 09	2,000	4,800	NV	NAP	400	Exceed
Indeno(1,2,3-cd)pyrene	ug/kg	5 / 8	RI SED 09	670	38,000	NV	NAP	NV	NAP
Naphthalene	ug/kg	1 / 8	RI SED 10	1,400	1,400	NV	NAP	1,500	No
Phenanthrene	ug/kg	5 / 8	RI SED 09	610	120,000	NV	NAP	6,000	Exceed
Pyrene	ug/kg	8 / 8	RI SED 09	450	140,000	NV	NAP	48,050	Exceed
1,1,1-Trichloroethane	ug/kg	1 / 8	RI SED 08	5.0	5.0	NV	NAP	NV	NAP
1,1-Dichloroethane	ug/kg	3 / 8	RI SED 08	3.0	5.0	NV	NAP	NV	NAP
Acetone	ug/kg	1 / 8	RI SED 10	41	41	NV	NAP	NV	NAP
Carbon disulfide	ug/kg	1 / 8	RI SED 09	4.0	4.0	NV	NAP	NV	NAP
cis-1,2-Dichloroethene	ug/kg	8 / 8	RI SED 09	4.0	1,000	NV	NAP	NV	NAP
Methylene chloride	ug/kg	1 / 8	RI SED 10	10	10	NV	NAP	NV	NAP
Tetrachloroethene	ug/kg	2 / 8	RI SED 08	13	50	NV	NAP	NV	NAP
trans-1,2-Dichloroethene	ug/kg	2 / 8	RI SED 09	5.0	6.0	NV	NAP	NV	NAP
Trichloroethene	ug/kg	5 / 8	RI SED 08	6.0	230	NV	NAP	NV	NAP
Vinyl chloride	ug/kg	5 / 8	RI SED 09	3.0	120	NV	NAP	NV	NAP
Cyanide (total)	mg/kg	2 / 8	RI SED 04	2.8	3.4	NV	NAP	NV	NAP
pH (soil)	ph units	7 / 7	RI SED 05	7.4	7.7	NAP	NAP	NAP	NAP

1. Data collected on May 21, 2002, by O'Brien & Gere.

2. Source: NYSDEC (1999). Lowest effect level (LEL) and severe effect level (SEL) apply to metals only. For organic constituents, wildlife bioaccumulation and benthic toxicity screening values assume sediment organic carbon content of five percent.

mg/kg = Milligrams per kilogram.

ug/kg = Micrograms per kilogram.

NAP = Not applicable.

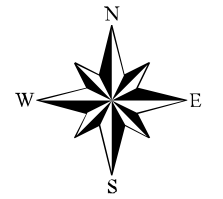
NV = No screening value reported.

Figures



Basemap from New York State Statewide Digital Orthoimagery Program (<http://www.nysgis.state.ny.us/orthoprogram.htm>)

FIGURE 2-1

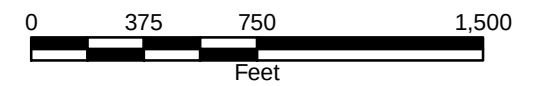


Legend

-  SITE PROPERTY LINE
-  CROPLAND
-  SUCCESSIONAL NORTHERN HARDWOODS
-  MOWED LAWN WITH TREES/URBAN STRUCTURE EXTERIOR
(AS SHOWN)
-  OPEN WATER
-  1/2 MILE BUFFER OF SITE

OLD ERIE CANAL SITE
FISH AND WILDLIFE
IMPACT ANALYSIS
CLYDE, NEW YORK

STUDY AREA
COVERTYPES



APRIL 2003
31117.010.102



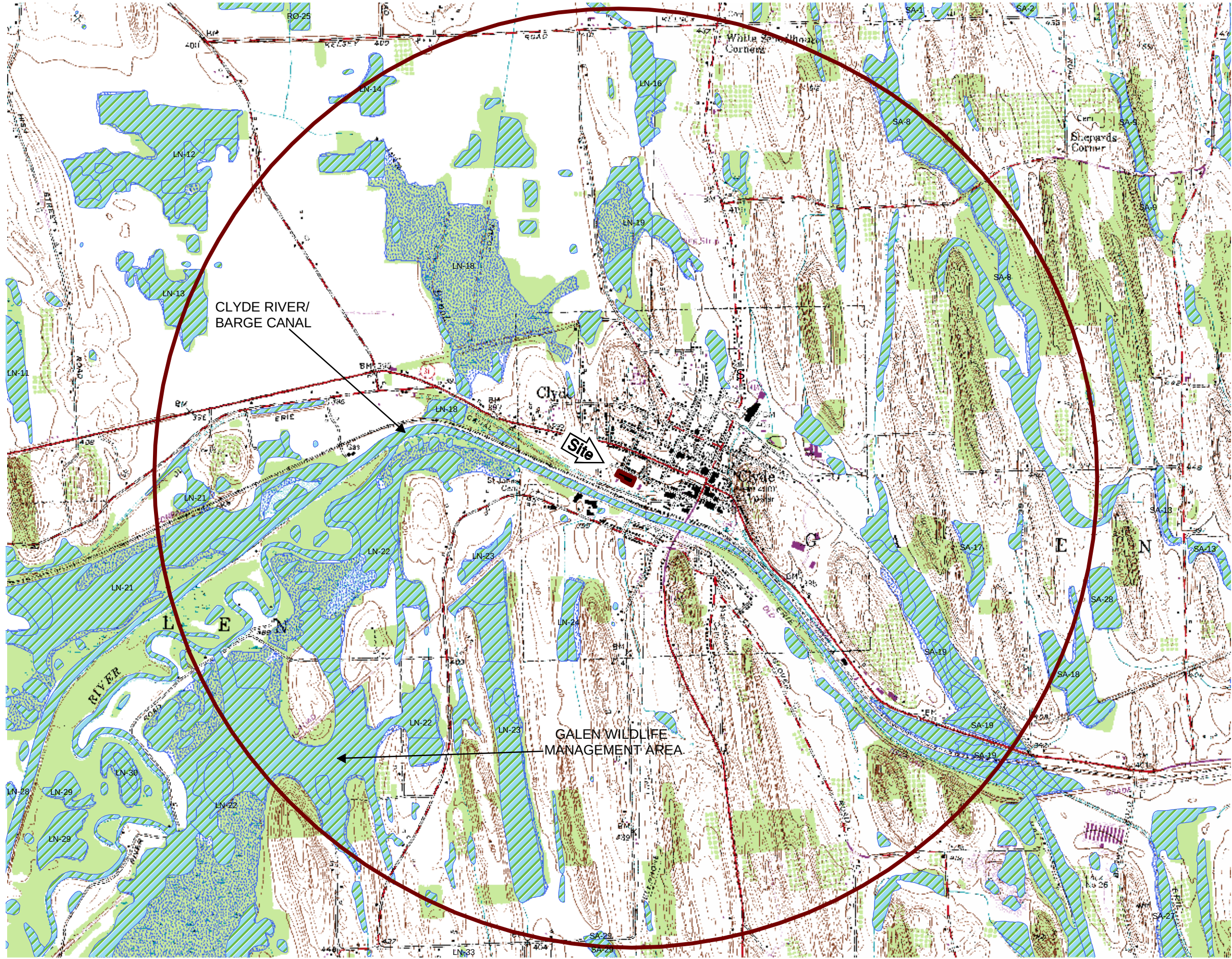


FIGURE 2-2

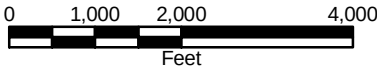


Legend

- 2 MILE BUFFER OF SITE
- NATIONAL WETLANDS INVENTORY
- NY STATE WETLANDS

OLD ERIE CANAL SITE
FISH AND WILDLIFE
IMPACT ANALYSIS
CLYDE, NEW YORK

**DOCUMENTED
NATURAL RESOURCES**



APRIL 2003
31117.010.102



NOTE: BASEMAP FROM USGS 7.5 MIN. QUADRANGLES (LYONS, NY, AND SAVANNAH, NY)

Attachments

Attachment A

Natural Heritage Letter Responses



United States Department of the Interior

FISH AND WILDLIFE SERVICE

3817 Luker Road
Cortland, NY 13045



April 23, 2002

Mr. Stephen E. Mooney
Senior Project Scientist
O'Brien & Gere Engineers, Inc.
P.O. Box 4873
Syracuse, NY 13221-4873

Dear Mr. Mooney:

This responds to your letter of April 12, 2002, requesting information on the presence of endangered or threatened species in the vicinity of the Old Erie Canal Site on Columbia Street in the Village of Clyde, Wayne County, New York.

Except for occasional transient individuals, no Federally listed or proposed endangered or threatened species under our jurisdiction are known to exist in the project impact area. In addition, no habitat in the project impact area is currently designated or proposed "critical habitat" in accordance with provisions of the Endangered Species Act (87 Stat. 884, as amended; 16 U.S.C. 1531 et seq.). Therefore, no Biological Assessment or further Section 7 consultation under the Endangered Species Act is required with the U.S. Fish and Wildlife Service (Service). Should project plans change, or if additional information on listed or proposed species or critical habitat becomes available, this determination may be reconsidered. A compilation of Federally listed and proposed endangered and threatened species in New York is enclosed for your information.

The above comments pertaining to endangered species under our jurisdiction are provided pursuant to the Endangered Species Act. This response does not preclude additional Service comments under other legislation.

For additional information on fish and wildlife resources or State-listed species, we suggest you contact the appropriate New York State Department of Environmental Conservation regional office(s) as shown on the enclosed map, and:

New York State Department of Environmental Conservation
New York Natural Heritage Program Information Services
625 Broadway
Albany, NY 12233
(518) 402-8935

Since wetlands may be present, you are advised that National Wetlands Inventory (NWI) maps may or may not be available for the project area. However, while the NWI maps are reasonably

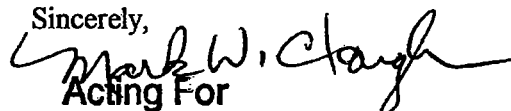
accurate, they should not be used in lieu of field surveys for determining the presence of wetlands or delineating wetland boundaries for Federal regulatory purposes. Copies of specific NWI maps can be obtained from:

Cornell Institute for Resource Information Systems
302 Rice Hall
Cornell University
Ithaca, NY 14853
(607) 255-4864

Work in certain waters and wetlands of the United States may require a permit from the U.S. Army Corps of Engineers (Corps). If a permit is required, in reviewing the application pursuant to the Fish and Wildlife Coordination Act, the Service may concur, with or without stipulations, or recommend denial of the permit depending upon the potential adverse impacts on fish and wildlife resources associated with project implementation. The need for a Corps permit may be determined by contacting the appropriate Corps office(s) as shown on the enclosed map.

If you require additional information please contact Michael Stoll at (607) 753-9334.

Sincerely,



Acting For

David A. Stilwell
Field Supervisor

Enclosure

cc: NYSDEC, Avon, NY (Environmental Permits)
NYSDEC, Albany, NY (Natural Heritage Program)
COE, Buffalo, NY

New York State Department of Environmental Conservation
Division of Fish, Wildlife & Marine Resources
New York Natural Heritage Program
625 Broadway, Albany, New York 12233-4757
Phone: (518) 402-8935 • **FAX:** (518) 402-8925
Website: www.dec.state.ny.us



April 30, 2002

Stephen E. Mooney
O'Brien & Gere Engineers, Inc
5000 Brittenfield Pkwy
Syracuse, NY

Dear Mr. Mooney:

In response to your recent request, we have reviewed the New York Natural Heritage Program database with respect to the proposed Environmental Investigation of the Old Erie Canal Site at 124 Columbia Street, site as indicated on the map you provided, including a 2-mile radius, site as located in the Town of Galen, Wayne County.

Enclosed is a report of rare or state-listed animals and plants, significant natural communities, and other significant habitats, which our databases indicate occur, or may occur, on your site or in the immediate vicinity of your site. The information contained in this report is considered sensitive and may not be released to the public without permission from the New York Natural Heritage Program.

The presence of rare species may result in your project requiring additional permits, permit conditions, or review. For further guidance, and for information regarding other permits that may be required under state law for regulated areas or activities (e.g., regulated wetlands), please contact the appropriate NYS DEC Regional Office, Division of Environmental Permits, at the enclosed address.

For most sites, comprehensive field surveys have not been conducted, the enclosed report only includes records from our databases. We cannot provide a definitive statement on the presence or absence of all rare or state-listed species or significant natural communities. This information should not be substituted for on-site surveys that may be required for environmental impact assessment.

Our databases are continually growing as records are added and updated. If this proposed project is still under development one year from now, we recommend that you contact us again so that we may update this response with the most current information.

Sincerely,

Betty A. Ketcham, Information Services
NY Natural Heritage Program

Encs.

cc: Reg. 8, Wildlife Mgr.
Reg. 8, Fisheries Mgr.

Natural Heritage Report on Rare Species and Ecological Communities

Prepared 24 April 2002 by NY Natural Heritage Program, NYS DEC, Albany, New York

This report contains SENSITIVE information that should be treated in a sensitive manner -- Please see cover letter. Refer to the Users' Guide for explanations of codes, ranks, and fields. We do not always provide maps of locations of species most vulnerable to disturbance, nor of some records whose locations and/or extents are not precisely known or are too large to display.

Page 1

* County

** Town

Scientific Name, COMMON NAME, & Group Name	NY Legal Status, Heritage Ranks, & Federal Status	EO Rank & Last Seen	Detailed Location	General Habitat and Quality	Office Use
* WAYNE					
** GALEN					
FLOODPLAIN FOREST Community	UNPROTECTED G3G4 S2S3	C 1995-09-13		Mosaic of intergrading palustrine communities along the meandering Clyde River. A large floodplain forest. The large patch to the south is in good shape. Patches to north are very disturbed and fragmented, but are potentially recoverable. Some exotics are present.	4307618 S

1 Records Processed

Exhibits

**Residential Analytical Results for Water
and Air Samples Obtained by NYSDOH**



STATE OF NEW YORK *OLD ERIE*
DEPARTMENT OF HEALTH *DATA-03*

Western Region

Rochester Office

The Triangle Bldg.

335 East Main Street, Rochester, NY 14604-2127

Antonia C. Novello, M.D., M.P.H., Dr. P.H.
Commissioner

Dennis P. Whalen
Executive Deputy Commissioner

July 5, 2002

RECEIVED-ALBANY

JUL 22 2002

GE CORPORATE
ENVIRONMENTAL PROGRAMS

Harold Cole
170 Columbia St.
Clyde, New York 14422

Re: Water Sample Results
Old Erie Canal
Site # 859015
Clyde, Wayne County

ORIGINAL

Dear Mr. Cole:

Enclosed is a copy of the laboratory report for the water sample, which I collected on June 2, 2002 from the sump in the basement of your residence. The water sample was analyzed for volatile organic compounds at the NYS Department of Health's Wadsworth Center in Albany. Also, enclosed is an explanation sheet to help you interpret the report.

No volatile organic compounds were detected in this sample.

If you have any questions about the sample report, please call me at (585) 423-8071.

Sincerely,

David L. Napier
Regional Toxics Coordinator

Cc: Mr. VanValkenburg
Mr. Burden - GDO
Mr. Pratt - DEC, Region 8
Mr. Brown - Parker Hannifin Corp.

WADSWORTH CENTER
EMPIRE STATE PLAZA, ALBANY NY 12201

PAGE 1

RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 200202475 SAMPLE RECEIVED: 06/14/2002 CHARGE: 8.00
PROGRAM: 110: STATE SUPERFUND ANALYTICAL SERVICES
SOURCE ID: 859015 DRAINAGE BASIN: GAZETTEER CODE: 5822
POLITICAL SUBDIVISION: CLYDE V. COUNTY: WAYNE
LATITUDE: LONGITUDE:
LOCATION: OLD ERIE CANAL
DESCRIPTION: BASEMENT SUMP
SAMPLING PNT ADDR: 170 COLUMBIA ST, CLYDE, 14433
REPORTING LAB: TOX: LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: 5022W: VOLATILE ORGANICS IN WATER
SAMPLE TYPE: 231: SUMP WATER
TEMPERATURE OF SAMPLE AT RECEIPT: 14.9 DEG C
TIME OF SAMPLING: 06/12/2002 09:45 DATE PRINTED: 06/26/2002

<> ----- <>
<> SAMPLE TEMPERATURE WAS 14.9 DEG C ON ARRIVAL AT LABORATORY. USEPA <>
<> REGULATION CITED AT 40CFR136.3(e) AND NELAC REGULATION 5.11.3.a.1 <>
<> REQUIRE SAMPLE TEMPERATURE ON ARRIVAL AT LAB TO BE AT MOST 6.5 DEG C. <>
<> ----- <>

ANALYSIS: 5022W VOLATILE ORGANICS IN WATER
|----> METHOD: EPA 502.2

DATE PRINTED: 06/26/2002

FINAL REPORT

DATE OF ANALYSIS

06/20/2002

-----PARAMETER-----	-----RESULT-----
DICHLORODIFLUOROMETHANE (FREON-12)	< 0.5 MCG/L
CHLOROMETHANE	< 0.5 MCG/L
VINYL CHLORIDE	< 0.5 MCG/L
BROMOMETHANE	< 0.5 MCG/L
CHLOROETHANE	< 0.5 MCG/L
TRICHLOROFLUOROMETHANE (FREON-11)	< 0.5 MCG/L
1,1-DICHLOROETHENE	< 0.5 MCG/L
METHYLENE CHLORIDE (DICHLOROMETHANE)	< 0.5 MCG/L
METHYL-tert-BUTYL ETHER (MTBE)	< 0.5 MCG/L
TRANS-1,2-DICHLOROETHENE	< 0.5 MCG/L
1,1-DICHLOROETHANE	< 0.5 MCG/L
2,2-DICHLOROPROPANE	< 0.5 MCG/L
CIS-1,2-DICHLOROETHENE	< 0.5 MCG/L
CHLOROFORM	< 0.5 MCG/L
BROMOCHLOROMETHANE	< 0.5 MCG/L
1,1,1-TRICHLOROETHANE	< 0.5 MCG/L
1,1-DICHLOROPROPENE	< 0.5 MCG/L

**** CONTINUED ON NEXT PAGE ****

NYS ELAP ID 10763, LAB DIR DR K. ALDOUS, CONTACT MR R. PAUSE 518-473-0323
ALL RESULTS : ACCREDITED BY THE NATIONAL ENVIR. LAB. APPROVAL PROGRAM
COPIES SENT TO: CO(1), RO(2), LPHE(1), FED(), INFO-P(), INFO-L()

REGIONAL DIRECTOR OF PH ENGINEERING
NEW YORK STATE DEPARTMENT OF HEALTH
TRIANGLE BUILDING
335 EAST MAIN ST.
ROCHESTER, NY 14604-2127

COLLECTED BY:NAPIER
SUBMITTED BY:NAPIER

New York State Department of Health
JUL 03 2002
Rochester Area Office

WADSWORTH CENTER

EMPIRE STATE PLAZA, ALBANY NY 12201

PAGE 2

RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 200202475 SAMPLE RECEIVED: 06/14/2002 CHARGE: 8.00
 POLITICAL SUBDIVISION: CLYDE V. COUNTY: WAYNE
 LOCATION: OLD ERIE CANAL
 TIME OF SAMPLING: 06/12/2002 09:45 DATE PRINTED: 06/26/2002

PARAMETER	RESULT
CARBON TETRACHLORIDE	< 0.5 MCG/L
1,2-DICHLOROETHANE	< 0.5 MCG/L
BENZENE	< 0.5 MCG/L
TRICHLOROETHENE	< 0.5 MCG/L
1,2-DICHLOROPROPANE	< 0.5 MCG/L
BROMOCHLOROMETHANE	< 0.5 MCG/L
DIBROMOMETHANE	< 0.5 MCG/L
CIS-1,3-DICHLOROPROPENE	< 0.5 MCG/L
TOLUENE	< 0.5 MCG/L
TRANS-1,3-DICHLOROPROPENE	< 0.5 MCG/L
1,1,2-TRICHLOROETHANE	< 0.5 MCG/L
1,3-DICHLOROPROPANE	< 0.5 MCG/L
TETRACHLOROETHENE	< 0.5 MCG/L
DIBROMOCHLOROMETHANE	< 0.5 MCG/L
1,2-DIBROMOETHANE (EDB)	< 0.5 MCG/L
CHLOROBENZENE	< 0.5 MCG/L
1,1,1,2-TETRACHLOROETHANE	< 0.5 MCG/L
ETHYLBENZENE	< 0.5 MCG/L
m/p-XYLENE	< 0.5 MCG/L
o-XYLENE	< 0.5 MCG/L
STYRENE	< 0.5 MCG/L
ISOPROPYLBENZENE (Cumene)	< 0.5 MCG/L
BROMOFORM	< 0.5 MCG/L
1,1,2,2-TETRACHLOROETHANE	< 0.5 MCG/L
1,2,3-TRICHLOROPROPANE	< 0.5 MCG/L
n-PROPYLBENZENE	< 0.5 MCG/L
BROMOBENZENE	< 0.5 MCG/L
1,3,5-TRIMETHYLBENZENE	< 0.5 MCG/L
o-CHLOROTOLUENE	< 0.5 MCG/L
p-CHLOROTOLUENE	< 0.5 MCG/L
tert-BUTYLBENZENE	< 0.5 MCG/L
1,2,4-TRIMETHYLBENZENE	< 0.5 MCG/L
sec-BUTYLBENZENE	< 0.5 MCG/L
4-ISOPROPYLTOLUENE (p-Cymene)	< 0.5 MCG/L
1,3-DICHLOROBENZENE	< 0.5 MCG/L
1,4-DICHLOROBENZENE	< 0.5 MCG/L
n-BUTYLBENZENE	< 0.5 MCG/L
1,2-DICHLOROBENZENE	< 0.5 MCG/L
1,2-DIBROMO-3-CHLOROPROPANE	< 0.5 MCG/L
1,2,4-TRICHLOROBENZENE	< 0.5 MCG/L
HEXACHLOROBUTADIENE (C-46)	< 0.5 MCG/L
NAPHTHALENE	< 0.5 MCG/L
1,2,3-TRICHLOROBENZENE	< 0.5 MCG/L
PH OF VOLATILE ALIQUOT	



STATE OF NEW YORK ^{020 67010}
DEPARTMENT OF HEALTH ^{DATA-03}

Western Region

Rochester Office

The Triangle Bldg.

335 East Main Street, Rochester, NY 14604-2127

Antonia C. Novello, M.D., M.P.H., Dr. P.H.
Commissioner

Dennis P. Whalen
Executive Deputy Commissioner

July 5, 2002

Collen Aldridge
176 Columbia St.
Clyde, New York 14422

Re: Water Sample Results
Old Erie Canal
Site # 859015
Clyde, Wayne County

Dear Ms. Aldridge:

Enclosed is a copy of the laboratory report for the water sample, which I collected on June 2, 2002 from the sump in the basement of your residence. The water sample was analyzed for volatile organic compounds at the NYS Department of Health's Wadsworth Center in Albany. Also, enclosed is an explanation sheet to help you interpret the report.

No volatile organic compounds were detected in this sample.

If you have any questions about the sample report, please call me at (585) 423-8071.

Sincerely,

David L. Napier
Regional Toxics Coordinator

Cc: Mr. VanValkenburg
Mr. Burden - GDO
Mr. Pratt - DEC, Region 8
Mr. Brown - Parker Hannifin Corp.

WADSWORTH CENTER
EMPIRE STATE PLAZA, ALBANY NY 12201

PAGE 1

RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 200202476 SAMPLE RECEIVED: 06/14/2002 CHARGE: 8.00
PROGRAM: 110: STATE SUPERFUND ANALYTICAL SERVICES
SOURCE ID: 859015 DRAINAGE BASIN: GAZETTEER CODE: 5822
POLITICAL SUBDIVISION: CLYDE V. COUNTY: WAYNE
LATITUDE: LONGITUDE:
LOCATION: OLD ERIE CANAL
DESCRIPTION: BASEMENT SUMP
SAMPLING PNT ADDR: 176 COLUMBIA ST, CLYDE, 14433
REPORTING LAB: TOX: LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: 5022W: VOLATILE ORGANICS IN WATER
SAMPLE TYPE: 231: SUMP WATER
TEMPERATURE OF SAMPLE AT RECEIPT: 15.4 DEG C
TIME OF SAMPLING: 06/12/2002 10:00 DATE PRINTED: 06/26/2002

<> ----- <>
<> SAMPLE TEMPERATURE WAS 15.4 DEG C ON ARRIVAL AT LABORATORY. USEPA <>
<> REGULATION CITED AT 40CFR136.3(e) AND NELAC REGULATION 5.11.3.a.1 <>
<> REQUIRE SAMPLE TEMPERATURE ON ARRIVAL AT LAB TO BE AT MOST 6.5 DEG C. <>
<> ----- <>

ANALYSIS: 5022W VOLATILE ORGANICS IN WATER
|----> METHOD: EPA 502.2

DATE PRINTED: 06/26/2002

FINAL REPORT

DATE OF ANALYSIS

06/20/2002

-----PARAMETER-----	-----RESULT-----
DICHLORODIFLUOROMETHANE (FREON-12)	< 0.5 MCG/L
CHLOROMETHANE	< 0.5 MCG/L
VINYL CHLORIDE	< 0.5 MCG/L
BROMOMETHANE	< 0.5 MCG/L
CHLOROETHANE	< 0.5 MCG/L
TRICHLOROFLUOROMETHANE (FREON-11)	< 0.5 MCG/L
1,1-DICHLOROETHENE	< 0.5 MCG/L
METHYLENE CHLORIDE (DICHLOROMETHANE)	< 0.5 MCG/L
METHYL-tert-BUTYL ETHER (MTBE)	< 0.5 MCG/L
TRANS-1,2-DICHLOROETHENE	< 0.5 MCG/L
1,1-DICHLOROETHANE	< 0.5 MCG/L
2,2-DICHLOROPROPANE	< 0.5 MCG/L
CIS-1,2-DICHLOROETHENE	< 0.5 MCG/L
CHLOROFORM	< 0.5 MCG/L
BROMOCHLOROMETHANE	< 0.5 MCG/L
1,1,1-TRICHLOROETHANE	< 0.5 MCG/L
1,1-DICHLOROPROPENE	< 0.5 MCG/L

**** CONTINUED ON NEXT PAGE ****

NYS ELAP ID 10763, LAB DIR DR K. ALDOUS, CONTACT MR R. PAUSE 518-473-0323
ALL RESULTS : ACCREDITED BY THE NATIONAL ENVIR. LAB. APPROVAL PROGRAM
COPIES SENT TO: CO(1), RO(2), LPHE(1), FED(), INFO-P(), INFO-L()

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SUBMITTED BY: NAPIER

WADSWORTH CENTER
EMPIRE STATE PLAZA, ALBANY NY 12201

PAGE 2

RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 200202476 SAMPLE RECEIVED: 06/14/2002 CHARGE: 8.00
POLITICAL SUBDIVISION: CLYDE V. COUNTY: WAYNE
LOCATION: OLD ERIE CANAL
TIME OF SAMPLING : 06/12/2002 10:00 DATE PRINTED: 06/26/2002

-----PARAMETER-----	-----RESULT-----
CARBON TETRACHLORIDE	< 0.5 MCG/L
1,2-DICHLOROETHANE	< 0.5 MCG/L
BENZENE	< 0.5 MCG/L
TRICHLOROETHENE	< 0.5 MCG/L
1,2-DICHLOROPROPANE	< 0.5 MCG/L
BROMODICHLOROMETHANE	< 0.5 MCG/L
DIBROMOMETHANE	< 0.5 MCG/L
CIS-1,3-DICHLOROPROPENE	< 0.5 MCG/L
TOLUENE	< 0.5 MCG/L
TRANS-1,3-DICHLOROPROPENE	< 0.5 MCG/L
1,1,2-TRICHLOROETHANE	< 0.5 MCG/L
1,3-DICHLOROPROPANE	< 0.5 MCG/L
TETRACHLOROETHENE	< 0.5 MCG/L
DIBROMOCHLOROMETHANE	< 0.5 MCG/L
1,2-DIBROMOETHANE (EDB)	< 0.5 MCG/L
CHLOROBENZENE	< 0.5 MCG/L
1,1,1,2-TETRACHLOROETHANE	< 0.5 MCG/L
ETHYLBENZENE	< 0.5 MCG/L
m/p-XYLENE	< 0.5 MCG/L
o-XYLENE	< 0.5 MCG/L
STYRENE	< 0.5 MCG/L
ISOPROPYLBENZENE (Cumene)	< 0.5 MCG/L
BROMOFORM	< 0.5 MCG/L
1,1,2,2-TETRACHLOROETHANE	< 0.5 MCG/L
1,2,3-TRICHLOROPROPANE	< 0.5 MCG/L
n-PROPYLBENZENE	< 0.5 MCG/L
BROMOBENZENE	< 0.5 MCG/L
1,3,5-TRIMETHYLBENZENE	< 0.5 MCG/L
o-CHLOROTOLUENE	< 0.5 MCG/L
p-CHLOROTOLUENE	< 0.5 MCG/L
tert-BUTYLBENZENE	< 0.5 MCG/L
1,2,4-TRIMETHYLBENZENE	< 0.5 MCG/L
sec-BUTYLBENZENE	< 0.5 MCG/L
4-ISOPROPYLTOLUENE (p-Cymene)	< 0.5 MCG/L
1,3-DICHLOROBENZENE	< 0.5 MCG/L
1,4-DICHLOROBENZENE	< 0.5 MCG/L
n-BUTYLBENZENE	< 0.5 MCG/L
1,2-DICHLOROBENZENE	< 0.5 MCG/L
1,2-DIBROMO-3-CHLOROPROPANE	< 0.5 MCG/L
1,2,4-TRICHLOROBENZENE	< 0.5 MCG/L
HEXACHLOROBUTADIENE (C-46)	< 0.5 MCG/L
NAPHTHALENE	< 0.5 MCG/L
1,2,3-TRICHLOROBENZENE	< 0.5 MCG/L
PH OF VOLATILE ALIQUOT	2

**** END OF REPORT ****



STATE OF NEW YORK DEPARTMENT OF HEALTH

Rochester Office, Bevier Building, 42 So. Washington Street, Rochester, NY 14608-2099

April 18, 2000

10^w
170
Harold Cole
177 Columbia Street
Clyde, New York 14433

Re: Sump Water Sample Results
Old Erie Canal, ID# 859015
Clyde, Wayne County

Dear Mr. Cole:

Enclosed is a copy of the sample results for a sump water sample which I collected at your residence on March 27, 2000. The sample was analyzed at the New York State Department of Health's Wadsworth Center for volatile organic compounds. Also enclosed is an Analytical Report Explanation Sheet for Water Samples.

No volatile organic compounds were detected in the water sample from your sump. Thank you for allowing me to collect the sample.

If you have any questions regarding the sample results please call me at (716) 423-8071.

Sincerely,

David L. Napier
Regional Toxics Coordinator

Cc: Dr. Carlson/Mr. VanValkenburg
Mr. Burden – GDO
Mr. Pratt – DEC, Region 8

PAGE 1

RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 200001181 SAMPLE RECEIVED: 03/31/2000 CHARGE: 8.00
PROGRAM: 110: STATE SUPERFUND ANALYTICAL SERVICES
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE: 5822
POLITICAL SUBDIVISION: CLYDE V. COUNTY: WAYNE
LATITUDE: LONGITUDE: Z DIRECTION:
LOCATION: 859015 OLD ERIE CANAL
DESCRIPTION: 177 COLUMBIA ST., SUMP WATER
REPORTING LAB: TOX: LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: 5022W: VOLATILE ORGANICS IN WATER
SAMPLE TYPE: 120: PRIVATE WATER SUPPLY - DRILLED WELL
TIME OF SAMPLING: 03/27/2000 11:30 DATE PRINTED: 04/10/2000

ANALYSIS: 5022W VOLATILE ORGANICS IN WATER-EPA 502.2 (DES 310-33)
DATE PRINTED: 04/10/2000 FINAL REPORT

-----PARAMETER-----	-----RESULT-----
DICHLORODIFLUOROMETHANE (FREON-12)	< 0.5 MCG/L
CHLOROMETHANE	< 0.5 MCG/L
VINYL CHLORIDE	< 0.5 MCG/L
BROMOMETHANE	< 0.5 MCG/L
CHLOROETHANE	< 0.5 MCG/L
TRICHLOROFUOROMETHANE (FREON-11)	< 0.5 MCG/L
1,1-DICHLOROETHENE	< 0.5 MCG/L
METHYLENE CHLORIDE (DICHLOROMETHANE)	< 0.5 MCG/L
TRANS-1,2-DICHLOROETHENE	< 0.5 MCG/L
1,1-DICHLOROETHANE	< 0.5 MCG/L
2,2-DICHLOROPROPANE	< 0.5 MCG/L
CIS-1,2-DICHLOROETHENE	< 0.5 MCG/L
CHLOROFORM	< 0.5 MCG/L
BROMOCHLOROMETHANE	< 0.5 MCG/L
1,1,1-TRICHLOROETHANE	< 0.5 MCG/L
1,1-DICHLOROPROPENE	< 0.5 MCG/L
CARBON TETRACHLORIDE	< 0.5 MCG/L
1,2-DICHLOROETHANE	< 0.5 MCG/L
BENZENE	< 0.5 MCG/L
TRICHLOROETHENE	< 0.5 MCG/L
1,2-DICHLOROPROPANE	< 0.5 MCG/L
BROMODICHLOROMETHANE	< 0.5 MCG/L
DIBROMOMETHANE	< 0.5 MCG/L
CIS-1,3-DICHLOROPROPENE	< 0.5 MCG/L
TOLUENE	< 0.5 MCG/L
TRANS-1,3-DICHLOROPROPENE	< 0.5 MCG/L
1,1,2-TRICHLOROETHANE	< 0.5 MCG/L
1,3-DICHLOROPROPANE	< 0.5 MCG/L
TETRACHLOROETHENE	< 0.5 MCG/L

**** CONTINUED ON NEXT PAGE ****

NYS ELAP ID'S: 10762 (INORGANIC, NUCLEAR) 10763 (ORGANIC) 10765 (BACTERIOLOGY)
COPIES SENT TO: CO (1), RO (2), LPHE (1), FED (), INFO-P (), INFO-L ()

REGIONAL DIRECTOR OF PH ENGINEERING
NEW YORK STATE DEPARTMENT OF HEALTH
42 SOUTH WASHINGTON ST.
ROCHESTER, N.Y. 14608

SUBMITTED BY: NAPIER

PAGE 2

RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 200001181 SAMPLE RECEIVED: 03/31/2000 CHARGE: 8.00
POLITICAL SUBDIVISION: CLYDE V. COUNTY: WAYNE
LOCATION: 859015 OLD ERIE CANAL
TIME OF SAMPLING: 03/27/2000 11:30 DATE PRINTED: 04/10/2000

PARAMETER	RESULT
DIBROMOCHLOROMETHANE	< 0.5 MCG/L
1,2-DIBROMOETHANE (EDB)	< 0.5 MCG/L
CHLOROBENZENE	< 0.5 MCG/L
1,1,1,2-TETRACHLOROETHANE	< 0.5 MCG/L
ETHYLBENZENE	< 0.5 MCG/L
m/p-XYLENE	< 0.5 MCG/L
o-XYLENE	< 0.5 MCG/L
STYRENE	< 0.5 MCG/L
ISOPROPYLBENZENE (Cumene)	< 0.5 MCG/L
BROMOFORM	< 0.5 MCG/L
1,1,2,2-TETRACHLOROETHANE	< 0.5 MCG/L
1,2,3-TRICHLOROPROPANE	< 0.5 MCG/L
n-PROPYLBENZENE	< 0.5 MCG/L
BROMOBENZENE	< 0.5 MCG/L
1,3,5-TRIMETHYLBENZENE	< 0.5 MCG/L
o-CHLOROTOLUENE	< 0.5 MCG/L
p-CHLOROTOLUENE	< 0.5 MCG/L
tert-BUTYLBENZENE	< 0.5 MCG/L
1,2,4-TRIMETHYLBENZENE	< 0.5 MCG/L
sec-BUTYLBENZENE	< 0.5 MCG/L
4-ISOPROPYLTOLUENE (p-Cymene)	< 0.5 MCG/L
1,3-DICHLOROBENZENE	< 0.5 MCG/L
1,4-DICHLOROBENZENE	< 0.5 MCG/L
n-BUTYLBENZENE	< 0.5 MCG/L
1,2-DICHLOROBENZENE	< 0.5 MCG/L
1,2-DIBROMO-3-CHLOROPROPANE	< 0.5 MCG/L
1,2,4-TRICHLOROBENZENE	< 0.5 MCG/L
HEXACHLOROBUTADIENE (C-46)	< 0.5 MCG/L
NAPHTHALENE	< 0.5 MCG/L
1,2,3-TRICHLOROBENZENE	< 0.5 MCG/L
PH OF VOLATILE ALIQUOT	2

**** END OF REPORT ****



STATE OF NEW YORK DEPARTMENT OF HEALTH

Rochester Office

Bevier Building

42 South Washington Street

Rochester, New York 14608-2099

Barbara A. DeBuono, M.D., M.P.H.
Commissioner

October 14, 1997

Dennis P. Whalen
Executive Deputy Commissioner

Charles Camp
177 Columbia Street
Clyde, New York 14433

RE: Sump Water Sample Results
Old Erie Canal, ID# 859015
Clyde, Wayne County

Dear Mr. Camp:

Enclosed is a copy of the sample results from a sump water sample which I collected from your residence on September 23, 1997. The sample was analyzed at the New York State Department of Health Wadsworth Center for Laboratories and Research for volatile organic compounds.

None of the chlorinated volatile organic compounds which have been detected in previous sump water samples from your basement were detected in this sample. The only compounds detected in this sample were 4-isopropyltoluene at 0.5 micrograms per liter (MCG/L) and naphthalene at 0.8 MCG/L. These compounds are not associated with the contamination at the Old Erie Canal site. They are compounds typically found in fuel oil and/or kerosene. The presence of these compounds at the levels detected does not present a health concern..

If you have any questions regarding this sample result please call me at (716) 423-8071.

Sincerely,

David L. Napier
Regional Toxics Coordinator
Bureau of Environmental Exposure
Investigation

ATTACHMENT

cc: Dr. Carlson/Mr. Rivara
Mr. Linse - RO
Mr. Burden - GDO
Ms. Peachey - DEC, Region 8
Mr. Hoffman - DEC, BHSC

PAGE 1

RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9701999 SAMPLE RECEIVED: 97/09/24/ CHARGE: 8.00
PROGRAM: 106: BUREAU OF ENVIRONMENTAL EXPOSURE INVESTIGATION
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE: 5822
POLITICAL SUBDIVISION: CLYDE V. COUNTY: WAYNE
LATITUDE: LONGITUDE: Z DIRECTION:
LOCATION: 859015 OLD ERIE CANAL
DESCRIPTION: CHARLES CAMP, SUMP #4
REPORTING LAB: TOX: LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: 5022W: VOLATILE ORGANICS IN WATER
SAMPLE TYPE: 230: SEEPAGE
TIME OF SAMPLING: 97/09/23 10:20 DATE PRINTED: 97/10/02

ANALYSIS: 5022W VOLATILE ORGANICS IN WATER-EPA 502.2 (DES 310-33)
DATE PRINTED: 97/10/02 FINAL REPORT

-----PARAMETER-----	-----RESULT-----
DICHLORODIFLUOROMETHANE (FREON-12)	< 0.5 MCG/L
CHLOROMETHANE	< 0.5 MCG/L
VINYL CHLORIDE	< 0.5 MCG/L
BROMOMETHANE	< 0.5 MCG/L
CHLOROETHANE	< 0.5 MCG/L
TRICHLOROFUOROMETHANE (FREON-11)	< 0.5 MCG/L
1,1-DICHLOROETHENE	< 0.5 MCG/L
METHYLENE CHLORIDE (DICHLOROMETHANE)	< 0.5 MCG/L
TRANS-1,2-DICHLOROETHENE	< 0.5 MCG/L
1,1-DICHLOROETHANE	< 0.5 MCG/L
2,2-DICHLOROPROPANE	< 0.5 MCG/L
CIS-1,2-DICHLOROETHENE	< 0.5 MCG/L
CHLOROFORM	< 0.5 MCG/L
BROMOCHLOROMETHANE	< 0.5 MCG/L
1,1,1-TRICHLOROETHANE	< 0.5 MCG/L
1,1-DICHLOROPROPENE	< 0.5 MCG/L
CARBON TETRACHLORIDE	< 0.5 MCG/L
1,2-DICHLOROETHANE	< 0.5 MCG/L
BENZENE	< 0.5 MCG/L
TRICHLOROETHENE	< 0.5 MCG/L
1,2-DICHLOROPROPANE	< 0.5 MCG/L
BROMODICHLOROMETHANE	< 0.5 MCG/L
DIBROMOMETHANE	< 0.5 MCG/L
CIS-1,3-DICHLOROPROPENE	< 0.5 MCG/L
TOLUENE	< 0.5 MCG/L
TRANS-1,3-DICHLOROPROPENE	< 0.5 MCG/L
1,1,2-TRICHLOROETHANE	< 0.5 MCG/L
1,3-DICHLOROPROPANE	< 0.5 MCG/L
TETRACHLOROETHENE	< 0.5 MCG/L

**** CONTINUED ON NEXT PAGE ****

NYS ELAP ID'S: 10762 (INORGANIC, NUCLEAR) 10763 (ORGANIC) 10765 (BACTERIOLOGY)
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REGIONAL DIRECTOR OF PH ENGINEERING
NEW YORK STATE DEPARTMENT OF HEALTH
42 SOUTH WASHINGTON ST.
ROCHESTER, N.Y. 14608

SUBMITTED BY: NAPIER

WADSWORTH CENTER

PAGE 2

RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9701999 SAMPLE RECEIVED: 97/09/24/ CHARGE: 8.00
POLITICAL SUBDIVISION: CLYDE V. COUNTY: WAYNE
LOCATION: 859015 OLD ERIE CANAL
TIME OF SAMPLING: 97/09/23 10:20 DATE PRINTED: 97/10/02

PARAMETER	RESULT
DIBROMOCHLOROMETHANE	< 0.5 MCG/L
1,2-DIBROMOETHANE (EDB)	< 0.5 MCG/L
CHLOROBENZENE	< 0.5 MCG/L
1,1,1,2-TETRACHLOROETHANE	< 0.5 MCG/L
ETHYLBENZENE	< 0.5 MCG/L
M/P-XYLENE	< 0.5 MCG/L
O-XYLENE	< 0.5 MCG/L
STYRENE	< 0.5 MCG/L
ISOPROPYLBENZENE (Cumene)	< 0.5 MCG/L
BROMOFORM	< 0.5 MCG/L
1,1,2,2-TETRACHLOROETHANE	< 0.5 MCG/L
1,2,3-TRICHLOROPROPANE	< 0.5 MCG/L
N-PROPYLBENZENE	< 0.5 MCG/L
BROMOBENZENE	< 0.5 MCG/L
1,3,5-TRIMETHYLBENZENE	< 0.5 MCG/L
O-CHLOROTOLUENE	< 0.5 MCG/L
P-CHLOROTOLUENE	< 0.5 MCG/L
TERT-BUTYLBENZENE	< 0.5 MCG/L
1,2,4-TRIMETHYLBENZENE	< 0.5 MCG/L
SEC-BUTYLBENZENE	< 0.5 MCG/L
4-ISOPROPYLTOLUENE (p-Cymene)	0.5 MCG/L
1,3-DICHLOROBENZENE	< 0.5 MCG/L
1,4-DICHLOROBENZENE	< 0.5 MCG/L
N-BUTYLBENZENE	< 0.5 MCG/L
1,2-DICHLOROBENZENE	< 0.5 MCG/L
1,2-DIBROMO-3-CHLOROPROPANE	< 0.5 MCG/L
1,2,4-TRICHLOROBENZENE	< 0.5 MCG/L
HEXACHLOROBUTADIENE (C-46)	< 0.5 MCG/L
NAPHTHALENE	0.8 MCG/L
1,2,3-TRICHLOROBENZENE	< 0.5 MCG/L
PH OF VOLATILE ALIQUOT	1

*** END OF REPORT ***



STATE OF NEW YORK DEPARTMENT OF HEALTH

Rochester Office Bevier Building 42 South Washington Street Rochester, New York 14608-2099

Barbara A. DeBuono, M.D., M.P.H.
Commissioner

December 27, 1996

Charles Camp
177 Columbia Street
Clyde, New York 14433

RE: Sump Water and
 Indoor Air Sample Results
 Old Erie Canal, ID# 859015
 Clyde, Wayne County

Dear Mr. Camp:

Enclosed are copies of the samples results from sump water samples and indoor air samples which I collected from your residence. On October 1, 1996 I collected three water samples from different points in your basement. The results of the sample from location #3 showed the presence of vinyl chloride at 1.9 micrograms per liter (MCG/L) and cis-1,2-dichloroethene at 1.1 MCG/L. Based on this result it was decided that indoor sampling should be conducted in your home to evaluate whether or not the presence of these compounds in the water entering your basement is impacting the air quality in your home.

On November 4, 1996 I collected three more sump water samples from your basement and indoor air samples from the basement and living room and an outdoor air sample. No volatile organic compounds were detected in any of the sump water samples. Several volatile organic compounds were detected in the air samples. I have attached a table which summarizes the air sample results. As you can see the results for the samples in your home are very similar to the results from the outdoor air sample. These results are within the range of typical background levels found in residential homes. Based on these results it does not appear that the air in your home is being impacted by contaminated groundwater.

If you have any questions regarding these sample results please call me at (716) 423-8071.

Sincerely,

A handwritten signature in cursive script, reading "David L. Napier".

David L. Napier
Regional Toxics Coordinator
Bureau of Environmental Exposure
Investigation

ATTACHMENT

cc: Dr. Carlson/Mr. VanValkenburg
Mr. Linse - GDO
Ms. Peachey - DEC, Region 8
Mr. Hoffman - DEC, BHSC

SUMMARY OF INDOOR AIR SAMPLE RESULTS

November 4, 1996

Camp Residence

Compound	Basement	Living Room	Outdoors
Methylene Chloride	1.0 (PL)	1.0 (PL)	1.0 (PL)
Hexane	1.0 (PL)	ND	ND
1,1,1 trichloroethene	ND	9.1	1.2
Benzene	1.6	6.2	1.7
Toluene	2.2	14.0	4.6
Ethylbenzene	1.0 (PL)	1.8	1.0 (PL)
M/P-xylene	1.5	3.0	1.8
O-xylene	1.0 (PL)	1.0 (PL)	1.0
1,3,4-trimethylbenzene	1.0 (PL)	1.5	1.1
1,2,4-trimethylbenzene	1.0 (PL)	2.9	2.4

Results are in micrograms per cubic meter (MCG/CU.M.)

PL - Indicates the result was positive but less than the value given

ND - Compound was not detected

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RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9600588 SAMPLE RECEIVED: 96/03/27/ CHARGE: 8.00
PROGRAM: 110: STATE SUPERFUND ANALYTICAL SERVICES
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE: 5822
POLITICAL SUBDIVISION: CLYDE V. COUNTY: WAYNE
LATITUDE: LONGITUDE: Z DIRECTION:
LOCATION: 859015 OLD ERIC CANAL
DESCRIPTION: CHARLES CAMP - SUMP WATER
REPORTING LAB: TOX: LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: 5022W: VOLATILE ORGANICS IN WATER
SAMPLE TYPE: 230: SEEPAGE
TIME OF SAMPLING: 96/03/25 15:00 DATE PRINTED: 96/04/01

ANALYSIS: 5022W VOLATILE ORGANICS IN WATER-EPA 502.2 (DES 310-33)
DATE PRINTED: 96/04/01 FINAL REPORT

-----PARAMETER-----	-----RESULT-----
DICHLORODIFLUOROMETHANE (FREON-12)	< 0.5 MCG/L
CHLOROMETHANE	< 0.5 MCG/L
VINYL CHLORIDE	0.5 MCG/L [PL]
BROMOMETHANE	< 0.5 MCG/L
CHLOROETHANE	< 0.5 MCG/L
TRICHLOROFLUOROMETHANE (FREON-11)	< 0.5 MCG/L
1,1-DICHLOROETHENE	< 0.5 MCG/L
METHYLENE CHLORIDE (DICHLOROMETHANE)	< 0.5 MCG/L
TRANS-1,2-DICHLOROETHENE	< 0.5 MCG/L
1,1-DICHLOROETHANE	< 0.5 MCG/L
2,2-DICHLOROPROPANE	< 0.5 MCG/L
CIS-1,2-DICHLOROETHENE	0.5 MCG/L [PL]
CHLOROFORM	< 0.5 MCG/L
BROMOCHLOROMETHANE	< 0.5 MCG/L
1,1,1-TRICHLOROETHANE	< 0.5 MCG/L
1,1-DICHLOROPROPENE	< 0.5 MCG/L
CARBON TETRACHLORIDE	< 0.5 MCG/L
1,2-DICHLOROETHANE	< 0.5 MCG/L
BENZENE	< 0.5 MCG/L
TRICHLOROETHENE	< 0.5 MCG/L
1,2-DICHLOROPROPANE	< 0.5 MCG/L
BROMODICHLOROMETHANE	< 0.5 MCG/L
DIBROMOMETHANE	< 0.5 MCG/L
CIS-1,3-DICHLOROPROPENE	< 0.5 MCG/L
TOLUENE	< 0.5 MCG/L
TRANS-1,3-DICHLOROPROPENE	< 0.5 MCG/L
1,1,2-TRICHLOROETHANE	< 0.5 MCG/L
1,3-DICHLOROPROPANE	< 0.5 MCG/L
TETRACHLOROETHENE	< 0.5 MCG/L
DIBROMOCHLOROMETHANE	< 0.5 MCG/L

**** CONTINUED ON NEXT PAGE ****

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REGIONAL DIRECTOR OF PH ENGINEERING
NEW YORK STATE DEPARTMENT OF HEALTH
42 SOUTH WASHINGTON ST.
ROCHESTER, N.Y. 14608

SUBMITTED BY: NAPIER

WADSWORTH CENTER

PAGE 2

RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9600588

SAMPLE RECEIVED: 96/03/27/

CHARGE: 8.00

POLITICAL SUBDIVISION: CLYDE V.

COUNTY: WAYNE

LOCATION: 859015 OLD ERIC CANAL

TIME OF SAMPLING: 96/03/25 15:00

DATE PRINTED: 96/04/01

-----PARAMETER-----	-----RESULT-----
1,2-DIBROMOETHANE (EDB)	< 0.5 MCG/L
CHLOROBENZENE	< 0.5 MCG/L
1,1,1,2-TETRACHLOROETHANE	< 0.5 MCG/L
ETHYLBENZENE	< 0.5 MCG/L
M/P-XYLENE	< 0.5 MCG/L
O-XYLENE	< 0.5 MCG/L
STYRENE	< 0.5 MCG/L
ISOPROPYLBENZENE (Cumene)	< 0.5 MCG/L
BROMOFORM	< 0.5 MCG/L
1,1,2,2-TETRACHLOROETHANE	< 0.5 MCG/L
1,2,3-TRICHLOROPROPANE	< 0.5 MCG/L
N-PROPYLBENZENE	< 0.5 MCG/L
BROMOBENZENE	< 0.5 MCG/L
1,3,5-TRIMETHYLBENZENE	< 0.5 MCG/L
O-CHLOROTOLUENE	< 0.5 MCG/L
P-CHLOROTOLUENE	< 0.5 MCG/L
TERT-BUTYLBENZENE	< 0.5 MCG/L
1,2,4-TRIMETHYLBENZENE	< 0.5 MCG/L
SEC-BUTYLBENZENE	< 0.5 MCG/L
4-ISOPROPYLTOLUENE (p-Cymene)	< 0.5 MCG/L
1,3-DICHLOROBENZENE	< 0.5 MCG/L
1,4-DICHLOROBENZENE	< 0.5 MCG/L
N-BUTYLBENZENE	< 0.5 MCG/L
1,2-DICHLOROBENZENE	< 0.5 MCG/L
1,2-DIBROMO-3-CHLOROPROPANE	< 0.5 MCG/L
1,2,4-TRICHLOROBENZENE	< 0.5 MCG/L
HEXACHLOROBUTADIENE (C-46)	< 0.5 MCG/L
NAPHTHALENE	< 0.5 MCG/L
1,2,3-TRICHLOROBENZENE	< 0.5 MCG/L
PH OF VOLATILE ALIQUOT	2

**** END OF REPORT ****



STATE OF NEW YORK DEPARTMENT OF HEALTH

Office of Public Health

Western Region - Rochester Field Office

42 South Washington Street

Rochester, New York 14608

Barbara A. DeBuono, M.D., M.P.H.
Commissioner

Karen Schimke
Executive Deputy Commissioner

April 16, 1996

Charles Camp
177 Columbia Street
Clyde, N.Y. 14433

RE: Water Sample Results
Old Erie Canal, ID #859015
Clyde, Wayne County

Dear Mr. Camp:

Enclosed is a copy of the results for the water sample which I collected from a sump in the basement of your residence on March 25, 1996. The water sample was analyzed for volatile organic chemicals at the State Health Departments Wadsworth Center for Laboratories and Research. Some volatile organic chemicals have been detected at the Old Erie Canal (Parker Hannifin) site, which is located to the east of your property. Two volatile organic compounds, vinyl chloride and cis-1,2-dichlorethene, were detected in the sample. The (PL) symbol after the sample result indicates the compounds were present but less than the minimal reportable value, which is 0.5 MCG/L. These levels **do not** present a health concern. The drinking water standards for these compounds are, 2.0 MCG/L for vinyl chloride and 5.0 MCG/L for cis-1,2-dichlorethene. With your permission I will resample the sump water in the future to insure that the level of the compounds has not increased.

Along with the laboratory report I have enclosed an explanation sheet to help you understand the detailed report. If you have any questions, please call me at (716) 423-8071.

Sincerely,

David L. Napier
Regional Toxics Coordinator
Bureau of Environmental Exposure
Investigation

Attachment

cc: Dr. Carlson/Mr. VanValkenburg
Mr. Linse - GDO
Ms. Peachey - DEC, Region 8
Mr. Hoffman - DEC, BHSC

PAGE 1

RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9602125 SAMPLE RECEIVED: 96/10/04/ CHARGE: 8.00
PROGRAM: 110: STATE SUPERFUND ANALYTICAL SERVICES
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE: 5822
POLITICAL SUBDIVISION: CLYDE V. COUNTY: WAYNE
LATITUDE: LONGITUDE: Z DIRECTION:
LOCATION: 859015 - OLD ERIE CANAL - TOWN CLYDE
DESCRIPTION: CHARLES CAMP - SUMP #1
REPORTING LAB: TOX: LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: 5022W: VOLATILE ORGANICS IN WATER
SAMPLE TYPE: 230: SEEPAGE
TIME OF SAMPLING: 96/10/01 14:20 DATE PRINTED: 96/10/11

ANALYSIS: 5022W VOLATILE ORGANICS IN WATER-EPA 502.2 (DES 310-33)
DATE PRINTED: 96/10/11 FINAL REPORT

-----PARAMETER-----	-----RESULT-----
DICHLORODIFLUOROMETHANE (FREON-12)	< 0.5 MCG/L
CHLOROMETHANE	< 0.5 MCG/L
VINYL CHLORIDE	< 0.5 MCG/L
BROMOMETHANE	< 0.5 MCG/L
CHLOROETHANE	< 0.5 MCG/L
TRICHLOROFUOROMETHANE (FREON-11)	< 0.5 MCG/L
1,1-DICHLOROETHENE	< 0.5 MCG/L
METHYLENE CHLORIDE (DICHLOROMETHANE)	< 0.5 MCG/L
TRANS-1,2-DICHLOROETHENE	< 0.5 MCG/L
1,1-DICHLOROETHANE	< 0.5 MCG/L
2,2-DICHLOROPROPANE	< 0.5 MCG/L
CIS-1,2-DICHLOROETHENE	< 0.5 MCG/L
CHLOROFORM	< 0.5 MCG/L
BROMOCHLOROMETHANE	< 0.5 MCG/L
1,1,1-TRICHLOROETHANE	< 0.5 MCG/L
1,1-DICHLOROPROPENE	< 0.5 MCG/L
CARBON TETRACHLORIDE	< 0.5 MCG/L
1,2-DICHLOROETHANE	< 0.5 MCG/L
BENZENE	< 0.5 MCG/L
TRICHLOROETHENE	< 0.5 MCG/L
1,2-DICHLOROPROPANE	< 0.5 MCG/L
BROMODICHLOROMETHANE	< 0.5 MCG/L
DIBROMOMETHANE	< 0.5 MCG/L
CIS-1,3-DICHLOROPROPENE	< 0.5 MCG/L
TOLUENE	< 0.5 MCG/L
TRANS-1,3-DICHLOROPROPENE	< 0.5 MCG/L
1,1,2-TRICHLOROETHANE	< 0.5 MCG/L
1,3-DICHLOROPROPANE	< 0.5 MCG/L
TETRACHLOROETHENE	< 0.5 MCG/L
DIBROMOCHLOROMETHANE	< 0.5 MCG/L

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42 SOUTH WASHINGTON ST.
ROCHESTER, N.Y. 14608

SUBMITTED BY: NAPIER

PAGE 2

RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9602125 SAMPLE RECEIVED: 96/10/04/ CHARGE: 8.00
POLITICAL SUBDIVISION: CLYDE V. COUNTY: WAYNE
LOCATION: 859015 - OLD ERIE CANAL - TOWN CLYDE
TIME OF SAMPLING: 96/10/01 14:20 DATE PRINTED: 96/10/11

-----PARAMETER-----	-----RESULT-----
1,2-DIBROMOETHANE (EDB)	< 0.5 MCG/L
CHLOROBENZENE	< 0.5 MCG/L
1,1,1,2-TETRACHLOROETHANE	< 0.5 MCG/L
ETHYLBENZENE	< 0.5 MCG/L
M/P-XYLENE	< 0.5 MCG/L
O-XYLENE	< 0.5 MCG/L
STYRENE	< 0.5 MCG/L
ISOPROPYLBENZENE (Cumene)	< 0.5 MCG/L
BROMOFORM	< 0.5 MCG/L
1,1,2,2-TETRACHLOROETHANE	< 0.5 MCG/L
1,2,3-TRICHLOROPROPANE	< 0.5 MCG/L
N-PROPYLBENZENE	< 0.5 MCG/L
BROMOBENZENE	< 0.5 MCG/L
1,3,5-TRIMETHYLBENZENE	< 0.5 MCG/L
O-CHLOROTOLUENE	< 0.5 MCG/L
P-CHLOROTOLUENE	< 0.5 MCG/L
TERT-BUTYLBENZENE	< 0.5 MCG/L
1,2,4-TRIMETHYLBENZENE	< 0.5 MCG/L
SEC-BUTYLBENZENE	< 0.5 MCG/L
4-ISOPROPYLTOLUENE (p-Cymene)	< 0.5 MCG/L
1,3-DICHLOROBENZENE	< 0.5 MCG/L
1,4-DICHLOROBENZENE	< 0.5 MCG/L
N-BUTYLBENZENE	< 0.5 MCG/L
1,2-DICHLOROBENZENE	< 0.5 MCG/L
1,2-DIBROMO-3-CHLOROPROPANE	< 0.5 MCG/L
1,2,4-TRICHLOROBENZENE	< 0.5 MCG/L
HEXACHLOROBUTADIENE (C-46)	< 0.5 MCG/L
NAPHTHALENE	< 0.5 MCG/L
1,2,3-TRICHLOROBENZENE	< 0.5 MCG/L
PH OF VOLATILE ALIQUOT	2

*** END OF REPORT ***

PAGE 1

RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9602126 SAMPLE RECEIVED: 96/10/04/ CHARGE: 8.00
PROGRAM: 110: STATE SUPERFUND ANALYTICAL SERVICES
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE: 5822
POLITICAL SUBDIVISION: CLYDE V. COUNTY: WAYNE
LATITUDE: LONGITUDE: Z DIRECTION:
LOCATION: 859015 - OLD ERIE CANAL - TOWN OF CLYDE
DESCRIPTION: CHARLES CAMP - SUMP #2
REPORTING LAB: TOX: LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: 5022W: VOLATILE ORGANICS IN WATER
SAMPLE TYPE: 230: SEEPAGE
TIME OF SAMPLING: 96/10/01 14:25 DATE PRINTED: 96/10/11

ANALYSIS: 5022W VOLATILE ORGANICS IN WATER-EPA 502.2 (DES 310-33)
DATE PRINTED: 96/10/11 FINAL REPORT

-----PARAMETER-----	-----RESULT-----
DICHLORODIFLUOROMETHANE (FREON-12)	< 0.5 MCG/L
CHLOROMETHANE	< 0.5 MCG/L
VINYL CHLORIDE	< 0.5 MCG/L
BROMOMETHANE	< 0.5 MCG/L
CHLOROETHANE	< 0.5 MCG/L
TRICHLOROFLUOROMETHANE (FREON-11)	< 0.5 MCG/L
1,1-DICHLOROETHENE	< 0.5 MCG/L
METHYLENE CHLORIDE (DICHLOROMETHANE)	< 0.5 MCG/L
TRANS-1,2-DICHLOROETHENE	< 0.5 MCG/L
1,1-DICHLOROETHANE	< 0.5 MCG/L
2,2-DICHLOROPROPANE	< 0.5 MCG/L
CIS-1,2-DICHLOROETHENE	< 0.5 MCG/L
CHLOROFORM	< 0.5 MCG/L
BROMOCHLOROMETHANE	< 0.5 MCG/L
1,1,1-TRICHLOROETHANE	< 0.5 MCG/L
1,1-DICHLOROPROPENE	< 0.5 MCG/L
CARBON TETRACHLORIDE	< 0.5 MCG/L
1,2-DICHLOROETHANE	< 0.5 MCG/L
BENZENE	< 0.5 MCG/L
TRICHLOROETHENE	< 0.5 MCG/L
1,2-DICHLOROPROPANE	< 0.5 MCG/L
BROMODICHLOROMETHANE	< 0.5 MCG/L
DIBROMOMETHANE	< 0.5 MCG/L
CIS-1,3-DICHLOROPROPENE	< 0.5 MCG/L
TOLUENE	< 0.5 MCG/L
TRANS-1,3-DICHLOROPROPENE	< 0.5 MCG/L
1,1,2-TRICHLOROETHANE	< 0.5 MCG/L
1,3-DICHLOROPROPANE	< 0.5 MCG/L
TETRACHLOROETHENE	< 0.5 MCG/L
DIBROMOCHLOROMETHANE	< 0.5 MCG/L

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NEW YORK STATE DEPARTMENT OF HEALTH
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ROCHESTER, N.Y. 14608

SUBMITTED BY: NAPIER

PAGE 2

RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9602126 SAMPLE RECEIVED: 96/10/04/ CHARGE: 8.00
POLITICAL SUBDIVISION: CLYDE V. COUNTY: WAYNE
LOCATION: 859015 - OLD ERIE CANAL - TOWN OF CLYDE
TIME OF SAMPLING: 96/10/01 10:25 DATE PRINTED: 96/10/11

-----PARAMETER-----	-----RESULT-----
1,2-DIBROMOETHANE (EDB)	< 0.5 MCG/L
CHLOROBENZENE	< 0.5 MCG/L
1,1,1,2-TETRACHLOROETHANE	< 0.5 MCG/L
ETHYLBENZENE	< 0.5 MCG/L
M/P-XYLENE	< 0.5 MCG/L
O-XYLENE	< 0.5 MCG/L
STYRENE	< 0.5 MCG/L
ISOPROPYLBENZENE (Cumene)	< 0.5 MCG/L
BROMOFORM	< 0.5 MCG/L
1,1,2,2-TETRACHLOROETHANE	< 0.5 MCG/L
1,2,3-TRICHLOROPROPANE	< 0.5 MCG/L
N-PROPYLBENZENE	< 0.5 MCG/L
BROMOBENZENE	< 0.5 MCG/L
1,3,5-TRIMETHYLBENZENE	< 0.5 MCG/L
O-CHLOROTOLUENE	< 0.5 MCG/L
P-CHLOROTOLUENE	< 0.5 MCG/L
TERT-BUTYLBENZENE	< 0.5 MCG/L
1,2,4-TRIMETHYLBENZENE	< 0.5 MCG/L
SEC-BUTYLBENZENE	< 0.5 MCG/L
4-ISOPROPYLTOLUENE (p-Cymene)	< 0.5 MCG/L
1,3-DICHLOROBENZENE	< 0.5 MCG/L
1,4-DICHLOROBENZENE	< 0.5 MCG/L
N-BUTYLBENZENE	< 0.5 MCG/L
1,2-DICHLOROBENZENE	< 0.5 MCG/L
1,2-DIBROMO-3-CHLOROPROPANE	< 0.5 MCG/L
1,2,4-TRICHLOROBENZENE	< 0.5 MCG/L
HEXACHLOROBUTADIENE (C-46)	< 0.5 MCG/L
NAPHTHALENE	< 0.5 MCG/L
1,2,3-TRICHLOROBENZENE	< 0.5 MCG/L
PH OF VOLATILE ALIQUOT	2

**** END OF REPORT ****

PAGE 1

RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9602127 SAMPLE RECEIVED: 96/10/04/ CHARGE: 8.00
PROGRAM: 110: STATE SUPERFUND ANALYTICAL SERVICES
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE: 5822
POLITICAL SUBDIVISION: CLYDE V. COUNTY: WAYNE
LATITUDE: LONGITUDE: Z DIRECTION:
LOCATION: 859015 - OLD ERIE CANAL - TOWN OF CLYDE
DESCRIPTION: CHARLES CAMP - SUMP #3
REPORTING LAB: TOX: LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: 5022W: VOLATILE ORGANICS IN WATER
SAMPLE TYPE: 230: SEEPAGE
TIME OF SAMPLING: 96/10/01 14:30 DATE PRINTED: 96/10/11

ANALYSIS: 5022W VOLATILE ORGANICS IN WATER-EPA 502.2 (DES 310-33)
DATE PRINTED: 96/10/11 FINAL REPORT

-----PARAMETER-----	-----RESULT-----
DICHLORODIFLUOROMETHANE (FREON-12)	< 0.5 MCG/L
CHLOROMETHANE	< 0.5 MCG/L
VINYL CHLORIDE	1.9 MCG/L
BROMOMETHANE	< 0.5 MCG/L
CHLOROETHANE	< 0.5 MCG/L
TRICHLOROFLUOROMETHANE (FREON-11)	< 0.5 MCG/L
1,1-DICHLOROETHENE	< 0.5 MCG/L
METHYLENE CHLORIDE (DICHLOROMETHANE)	< 0.5 MCG/L
TRANS-1,2-DICHLOROETHENE	< 0.5 MCG/L
1,1-DICHLOROETHANE	< 0.5 MCG/L
2,2-DICHLOROPROPANE	< 0.5 MCG/L
CIS-1,2-DICHLOROETHENE	1.1 MCG/L
CHLOROFORM	< 0.5 MCG/L
BROMOCHLOROMETHANE	< 0.5 MCG/L
1,1,1-TRICHLOROETHANE	< 0.5 MCG/L
1,1-DICHLOROPROPENE	< 0.5 MCG/L
CARBON TETRACHLORIDE	< 0.5 MCG/L
1,2-DICHLOROETHANE	< 0.5 MCG/L
BENZENE	< 0.5 MCG/L
TRICHLOROETHENE	< 0.5 MCG/L
1,2-DICHLOROPROPANE	< 0.5 MCG/L
BROMODICHLOROMETHANE	< 0.5 MCG/L
DIBROMOMETHANE	< 0.5 MCG/L
CIS-1,3-DICHLOROPROPENE	< 0.5 MCG/L
TOLUENE	< 0.5 MCG/L
TRANS-1,3-DICHLOROPROPENE	< 0.5 MCG/L
1,1,2-TRICHLOROETHANE	< 0.5 MCG/L
1,3-DICHLOROPROPANE	< 0.5 MCG/L
TETRACHLOROETHENE	< 0.5 MCG/L
DIBROMOCHLOROMETHANE	< 0.5 MCG/L

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RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9602127 SAMPLE RECEIVED: 96/10/04/ CHARGE: 8.00
POLITICAL SUBDIVISION: CLYDE V. COUNTY: WAYNE
LOCATION: 859015 - OLD ERIE CANAL - TOWN OF CLYDE
TIME OF SAMPLING: 96/10/01 14:30 DATE PRINTED: 96/10/11

-----PARAMETER-----	-----RESULT-----
1,2-DIBROMOETHANE (EDB)	< 0.5 MCG/L
CHLOROBENZENE	< 0.5 MCG/L
1,1,1,2-TETRACHLOROETHANE	< 0.5 MCG/L
ETHYLBENZENE	< 0.5 MCG/L
M/P-XYLENE	< 0.5 MCG/L
O-XYLENE	< 0.5 MCG/L
STYRENE	< 0.5 MCG/L
ISOPROPYLBENZENE (Cumene)	< 0.5 MCG/L
BROMOFORM	< 0.5 MCG/L
1,1,2,2-TETRACHLOROETHANE	< 0.5 MCG/L
1,2,3-TRICHLOROPROPANE	< 0.5 MCG/L
N-PROPYLBENZENE	< 0.5 MCG/L
BROMOBENZENE	< 0.5 MCG/L
1,3,5-TRIMETHYLBENZENE	< 0.5 MCG/L
O-CHLOROTOLUENE	< 0.5 MCG/L
P-CHLOROTOLUENE	< 0.5 MCG/L
TERT-BUTYLBENZENE	< 0.5 MCG/L
1,2,4-TRIMETHYLBENZENE	< 0.5 MCG/L
SEC-BUTYLBENZENE	< 0.5 MCG/L
4-ISOPROPYLTOLUENE (p-Cymene)	< 0.5 MCG/L
1,3-DICHLOROBENZENE	< 0.5 MCG/L
1,4-DICHLOROBENZENE	< 0.5 MCG/L
N-BUTYLBENZENE	< 0.5 MCG/L
1,2-DICHLOROBENZENE	< 0.5 MCG/L
1,2-DIBROMO-3-CHLOROPROPANE	< 0.5 MCG/L
1,2,4-TRICHLOROBENZENE	< 0.5 MCG/L
HEXACHLOROBUTADIENE (C-46)	< 0.5 MCG/L
NAPHTHALENE	< 0.5 MCG/L
1,2,3-TRICHLOROBENZENE	< 0.5 MCG/L
PH OF VOLATILE ALIQUOT	2

**** END OF REPORT ****

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RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9602563 SAMPLE RECEIVED: 96/11/08/ CHARGE: 10.10
PROGRAM: 110: STATE SUPERFUND ANALYTICAL SERVICES
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE: 5822
POLITICAL SUBDIVISION: CLYDE V. COUNTY: WAYNE
LATITUDE: LONGITUDE: Z DIRECTION:
LOCATION: #859015 - OLD ERIE CANAL - TOWN OF CLYDE
DESCRIPTION: CAMP - LIVING ROOM - CANISTER #02379
REPORTING LAB: TOX: LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: VOLA-CAN3: VOLATILE COMPOUNDS IN AIR
SAMPLE TYPE: 902: AMBIENT AIR - INDOOR
TIME OF SAMPLING: 96/11/04 13:56 TO 96/11/04 15:39 DATE PRINTED: 96/12/10

ANALYSIS: VOLA-CAN3 VOLATILES IN AIR - CANISTER METHOD
DATE PRINTED: 96/12/10 FINAL REPORT

-----PARAMETER-----	-----RESULT-----
DICHLORODIFLUOROMETHANE (FREON-12)	< 1.0 MCG/CU.M.
1,2-DICHLOROTETRAFLUOROETHANE	< 1.5 MCG/CU.M.
CHLOROMETHANE	< 1.0 MCG/CU.M.
VINYL CHLORIDE	< 1.0 MCG/CU.M.
BROMOMETHANE	< 1.0 MCG/CU.M.
CHLOROETHANE	< 1.0 MCG/CU.M.
TRICHLOROFLUOROMETHANE (FREON-11)	< 1.0 MCG/CU.M.
1,1,2-TRICHLOROTRIFLUOROETHANE (FREON113)	< 1.0 MCG/CU.M.
1,1-DICHLOROETHENE	< 1.0 MCG/CU.M.
METHYLENE CHLORIDE (DICHLOROMETHANE)	1.0 MCG/CU.M. [PL]
HEXANE	1.0 MCG/CU.M. [PL]
1,1-DICHLOROETHANE	< 1.0 MCG/CU.M.
CIS-1,2-DICHLOROETHENE	< 1.0 MCG/CU.M.
CHLOROFORM	< 1.0 MCG/CU.M.
1,1,1-TRICHLOROETHANE	9.1 MCG/CU.M.
CARBON TETRACHLORIDE	< 1.5 MCG/CU.M.
1,2-DICHLOROETHANE	< 1.0 MCG/CU.M.
BENZENE	6.2 MCG/CU.M.
TRICHLOROETHENE	< 1.0 MCG/CU.M.
1,2-DICHLOROPROPANE	< 1.0 MCG/CU.M.
CIS-1,3-DICHLOROPROPENE	< 1.0 MCG/CU.M.
TOLUENE	14. MCG/CU.M.
TRANS-1,3-DICHLOROPROPENE	< 1.0 MCG/CU.M.
1,1,2-TRICHLOROETHANE	< 1.0 MCG/CU.M.
TETRACHLOROETHENE	< 1.5 MCG/CU.M.
1,2-DIBROMOETHANE (EDB)	< 1.5 MCG/CU.M.
CHLOROBENZENE	< 1.0 MCG/CU.M.
ETHYLBENZENE	1.8 MCG/CU.M.
M/P-XYLENE	3.0 MCG/CU.M.
O-XYLENE	1.0 MCG/CU.M. [PL]

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RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9602563 SAMPLE RECEIVED: 96/11/08/ CHARGE: 10.10
POLITICAL SUBDIVISION: CLYDE V. COUNTY: WAYNE
LOCATION: #859015 - OLD ERIE CANAL - TOWN OF CLYDE
TIME OF SAMPLING: 96/11/04 13:56 TO 96/11/04 15:39 DATE PRINTED: 96/12/10

PARAMETER	RESULT
STYRENE	< 1.0 MCG/CU.M.
1,1,2,2-TETRACHLOROETHANE	< 1.5 MCG/CU.M.
1,3,5-TRIMETHYLBENZENE	1.5 MCG/CU.M.
1,2,4-TRIMETHYLBENZENE	2.9 MCG/CU.M.
1,3-DICHLOROBENZENE	< 1.5 MCG/CU.M.
1,4-DICHLOROBENZENE	< 1.5 MCG/CU.M.
BENZYL CHLORIDE	< 1.0 MCG/CU.M.
1,2-DICHLOROBENZENE	< 1.5 MCG/CU.M.
1,2,4-TRICHLOROBENZENE	< 1.5 MCG/CU.M.
HEXACHLOROBUTADIENE (C-46)	< 2.0 MCG/CU.M.

*** END OF REPORT ***

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RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9602562 SAMPLE RECEIVED: 96/11/08/ CHARGE: 10.10
PROGRAM: 110: STATE SUPERFUND ANALYTICAL SERVICES
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE: 5822
POLITICAL SUBDIVISION: CLYDE V. COUNTY: WAYNE
LATITUDE: LONGITUDE: Z DIRECTION:
LOCATION: #859015 - OLD ERIE CANAL - TOWN OF CLYDE
DESCRIPTION: CAMP - BASEMENT - CANISTER #02298
REPORTING LAB: TOX: LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: VOLA-CAN3: VOLATILE COMPOUNDS IN AIR
SAMPLE TYPE: 902: AMBIENT AIR - INDOOR
TIME OF SAMPLING: 96/11/04 13:51 TO 96/11/04 15:42 DATE PRINTED: 96/12/10

ANALYSIS: VOLA-CAN3 VOLATILES IN AIR - CANISTER METHOD

DATE PRINTED: 96/12/10

FINAL REPORT

-----PARAMETER-----	-----RESULT-----
DICHLORODIFLUOROMETHANE (FREON-12)	< 1.0 MCG/CU.M.
1,2-DICHLOROTETRAFLUOROETHANE	< 1.5 MCG/CU.M.
CHLOROMETHANE	< 1.0 MCG/CU.M.
VINYL CHLORIDE	< 1.0 MCG/CU.M.
BROMOMETHANE	< 1.0 MCG/CU.M.
CHLOROETHANE	< 1.0 MCG/CU.M.
TRICHLOROFLUOROMETHANE (FREON-11)	< 1.0 MCG/CU.M.
1,1,2-TRICHLOROTRIFLUOROETHANE (FREON113)	< 1.0 MCG/CU.M.
1,1-DICHLOROETHENE	< 1.0 MCG/CU.M.
METHYLENE CHLORIDE (DICHLOROMETHANE)	1.0 MCG/CU.M. [PL]
HEXANE	< 1.0 MCG/CU.M.
1,1-DICHLOROETHANE	< 1.0 MCG/CU.M.
CIS-1,2-DICHLOROETHENE	< 1.0 MCG/CU.M.
CHLOROFORM	< 1.0 MCG/CU.M.
1,1,1-TRICHLOROETHANE	< 1.0 MCG/CU.M.
CARBON TETRACHLORIDE	< 1.5 MCG/CU.M.
1,2-DICHLOROETHANE	< 1.0 MCG/CU.M.
BENZENE	1.6 MCG/CU.M.
TRICHLOROETHENE	< 1.0 MCG/CU.M.
1,2-DICHLOROPROPANE	< 1.0 MCG/CU.M.
CIS-1,3-DICHLOROPROPENE	< 1.0 MCG/CU.M.
TOLUENE	2.2 MCG/CU.M.
TRANS-1,3-DICHLOROPROPENE	< 1.0 MCG/CU.M.
1,1,2-TRICHLOROETHANE	< 1.0 MCG/CU.M.
TETRACHLOROETHENE	< 1.5 MCG/CU.M.
1,2-DIBROMOETHANE (EDB)	< 1.5 MCG/CU.M.
CHLOROBENZENE	< 1.0 MCG/CU.M.
ETHYLBENZENE	1.0 MCG/CU.M. [PL]
M/P-XYLENE	1.5 MCG/CU.M.
O-XYLENE	1.0 MCG/CU.M. [PL]

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RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9602562 SAMPLE RECEIVED: 96/11/08/ CHARGE: 10.10
POLITICAL SUBDIVISION: CLYDE V. COUNTY: WAYNE
LOCATION: #859015 - OLD ERIE CANAL - TOWN OF CLYDE
TIME OF SAMPLING: 96/11/04 13:51 TO 96/11/04 15:42 DATE PRINTED: 96/12/10

-----PARAMETER-----	-----RESULT-----
STYRENE	< 1.0 MCG/CU.M.
1,1,2,2-TETRACHLOROETHANE	< 1.5 MCG/CU.M.
1,3,5-TRIMETHYLBENZENE	1.0 MCG/CU.M. [PL]
1,2,4-TRIMETHYLBENZENE	1.0 MCG/CU.M. [PL]
1,3-DICHLOROBENZENE	< 1.5 MCG/CU.M.
1,4-DICHLOROBENZENE	< 1.5 MCG/CU.M.
BENZYL CHLORIDE	< 1.0 MCG/CU.M.
1,2-DICHLOROBENZENE	< 1.5 MCG/CU.M.
1,2,4-TRICHLOROBENZENE	< 1.5 MCG/CU.M.
HEXACHLOROBUTADIENE (C-46)	< 2.0 MCG/CU.M.

*** END OF REPORT ***

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RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9602561 SAMPLE RECEIVED: 96/11/08/ CHARGE: 10.10
PROGRAM: 110: STATE SUPERFUND ANALYTICAL SERVICES
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE: 5822
POLITICAL SUBDIVISION: CLYDE V. COUNTY: WAYNE
LATITUDE: LONGITUDE: Z DIRECTION:
LOCATION: #859015 - OLD ERIE CANAL - TOWN OF CLYDE
DESCRIPTION: CAMP - OUTDOORS - CANISTER #02296
REPORTING LAB: TOX: LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: VOLA-CAN3: VOLATILE COMPOUNDS IN AIR
SAMPLE TYPE: 909: AMBIENT AIR - OUTDOOR
TIME OF SAMPLING: 96/11/04 13:59 TO 96/11/04 15:45 DATE PRINTED: 96/12/10

ANALYSIS: VOLA-CAN3 VOLATILES IN AIR - CANISTER METHOD
DATE PRINTED: 96/12/10

FINAL REPORT

-----PARAMETER-----	-----RESULT-----
DICHLORODIFLUOROMETHANE (FREON-12)	< 1.0 MCG/CU.M.
1,2-DICHLOROTETRAFLUOROETHANE	< 1.5 MCG/CU.M.
CHLOROMETHANE	< 1.0 MCG/CU.M.
VINYL CHLORIDE	< 1.0 MCG/CU.M.
BROMOMETHANE	< 1.0 MCG/CU.M.
CHLOROETHANE	< 1.0 MCG/CU.M.
TRICHLOROFLUOROMETHANE (FREON-11)	< 1.0 MCG/CU.M.
1,1,2-TRICHLOROTRIFLUOROETHANE (FREON113)	< 1.0 MCG/CU.M.
1,1-DICHLOROETHENE	< 1.0 MCG/CU.M.
METHYLENE CHLORIDE (DICHLOROMETHANE)	1.0 MCG/CU.M. [PL]
HEXANE	< 1.0 MCG/CU.M.
1,1-DICHLOROETHANE	< 1.0 MCG/CU.M.
CIS-1,2-DICHLOROETHENE	< 1.0 MCG/CU.M.
CHLOROFORM	< 1.0 MCG/CU.M.
1,1,1-TRICHLOROETHANE	1.2 MCG/CU.M.
CARBON TETRACHLORIDE	< 1.5 MCG/CU.M.
1,2-DICHLOROETHANE	< 1.0 MCG/CU.M.
BENZENE	1.7 MCG/CU.M.
TRICHLOROETHENE	< 1.0 MCG/CU.M.
1,2-DICHLOROPROPANE	< 1.0 MCG/CU.M.
CIS-1,3-DICHLOROPROPENE	< 1.0 MCG/CU.M.
TOLUENE	4.6 MCG/CU.M.
TRANS-1,3-DICHLOROPROPENE	< 1.0 MCG/CU.M.
1,1,2-TRICHLOROETHANE	< 1.0 MCG/CU.M.
TETRACHLOROETHENE	< 1.5 MCG/CU.M.
1,2-DIBROMOETHANE (EDB)	< 1.5 MCG/CU.M.
CHLOROBENZENE	< 1.0 MCG/CU.M.
ETHYLBENZENE	1.0 MCG/CU.M. [PL]
M/P-XYLENE	1.8 MCG/CU.M.
O-XYLENE	1.0 MCG/CU.M.

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RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9602561 SAMPLE RECEIVED: 96/11/08/ CHARGE: 10.10
POLITICAL SUBDIVISION: CLYDE V. COUNTY: WAYNE
LOCATION: #859015 - OLD ERIE CANAL - TOWN OF CLYDE
TIME OF SAMPLING: 96/11/04 13:59 TO 96/11/04 15:45 DATE PRINTED: 96/12/10

-----PARAMETER-----	-----RESULT-----
STYRENE	< 1.0 MCG/CU.M.
1,1,2,2-TETRACHLOROETHANE	< 1.5 MCG/CU.M.
1,3,5-TRIMETHYLBENZENE	1.1 MCG/CU.M.
1,2,4-TRIMETHYLBENZENE	2.4 MCG/CU.M.
1,3-DICHLOROBENZENE	< 1.5 MCG/CU.M.
1,4-DICHLOROBENZENE	< 1.5 MCG/CU.M.
BENZYL CHLORIDE	< 1.0 MCG/CU.M.
1,2-DICHLOROBENZENE	< 1.5 MCG/CU.M.
1,2,4-TRICHLOROBENZENE	< 1.5 MCG/CU.M.
HEXACHLOROBUTADIENE (C-46)	< 2.0 MCG/CU.M.

*** END OF REPORT ***

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RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9602544 SAMPLE RECEIVED: 96/11/06/ CHARGE: 8.00
PROGRAM: 110:STATE SUPERFUND ANALYTICAL SERVICES
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE:5822
POLITICAL SUBDIVISION:CLYDE V. COUNTY:WAYNE
LATITUDE: LONGITUDE: Z DIRECTION:
LOCATION: #859015 - OLD ERIE CANAL - TOWN OF CLYDE
DESCRIPTION:CAMP, SUMP SAMPLE #4
REPORTING LAB: TOX:LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: 5022W:VOLATILE ORGANICS IN WATER
SAMPLE TYPE: 230:SEEPAGE
TIME OF SAMPLING: 96/11/04 14:05 DATE PRINTED:96/11/21

ANALYSIS: 5022W VOLATILE ORGANICS IN WATER-EPA 502.2 (DES 310-33)
DATE PRINTED: 96/11/21 FINAL REPORT

-----PARAMETER-----	-----RESULT-----
DICHLORODIFLUOROMETHANE (FREON-12)	< 0.5 MCG/L
CHLOROMETHANE	< 0.5 MCG/L
VINYL CHLORIDE	< 0.5 MCG/L
BROMOMETHANE	< 0.5 MCG/L
CHLOROETHANE	< 0.5 MCG/L
TRICHLOROFUOROMETHANE (FREON-11)	< 0.5 MCG/L
1,1-DICHLOROETHENE	< 0.5 MCG/L
METHYLENE CHLORIDE (DICHLOROMETHANE)	< 0.5 MCG/L
TRANS-1,2-DICHLOROETHENE	< 0.5 MCG/L
1,1-DICHLOROETHANE	< 0.5 MCG/L
2,2-DICHLOROPROPANE	< 0.5 MCG/L
CIS-1,2-DICHLOROETHENE	< 0.5 MCG/L
CHLOROFORM	< 0.5 MCG/L
BROMOCHLOROMETHANE	< 0.5 MCG/L
1,1,1-TRICHLOROETHANE	< 0.5 MCG/L
1,1-DICHLOROPROPENE	< 0.5 MCG/L
CARBON TETRACHLORIDE	< 0.5 MCG/L
1,2-DICHLOROETHANE	< 0.5 MCG/L
BENZENE	< 0.5 MCG/L
TRICHLOROETHENE	< 0.5 MCG/L
1,2-DICHLOROPROPANE	< 0.5 MCG/L
BROMODICHLOROMETHANE	< 0.5 MCG/L
DIBROMOMETHANE	< 0.5 MCG/L
CIS-1,3-DICHLOROPROPENE	< 0.5 MCG/L
TOLUENE	< 0.5 MCG/L
TRANS-1,3-DICHLOROPROPENE	< 0.5 MCG/L
1,1,2-TRICHLOROETHANE	< 0.5 MCG/L
1,3-DICHLOROPROPANE	< 0.5 MCG/L
TETRACHLOROETHENE	< 0.5 MCG/L
DIBROMOCHLOROMETHANE	< 0.5 MCG/L

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RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9602544 SAMPLE RECEIVED: 96/11/06/ CHARGE: 8.00
POLITICAL SUBDIVISION: CLYDE V. COUNTY: WAYNE
LOCATION: #859015 - OLD ERIE CANAL - TOWN OF CLYDE
TIME OF SAMPLING: 96/11/04 14:05 DATE PRINTED: 96/11/21

PARAMETER	RESULT
1,2-DIBROMOETHANE (EDB)	< 0.5 MCG/L
CHLOROBENZENE	< 0.5 MCG/L
1,1,1,2-TETRACHLOROETHANE	< 0.5 MCG/L
ETHYLBENZENE	< 0.5 MCG/L
M/P-XYLENE	< 0.5 MCG/L
O-XYLENE	< 0.5 MCG/L
STYRENE	< 0.5 MCG/L
ISOPROPYLBENZENE (Cumene)	< 0.5 MCG/L
BROMOFORM	< 0.5 MCG/L
1,1,2,2-TETRACHLOROETHANE	< 0.5 MCG/L
1,2,3-TRICHLOROPROPANE	< 0.5 MCG/L
N-PROPYLBENZENE	< 0.5 MCG/L
BROMOBENZENE	< 0.5 MCG/L
1,3,5-TRIMETHYLBENZENE	< 0.5 MCG/L
O-CHLOROTOLUENE	< 0.5 MCG/L
P-CHLOROTOLUENE	< 0.5 MCG/L
TERT-BUTYLBENZENE	< 0.5 MCG/L
1,2,4-TRIMETHYLBENZENE	< 0.5 MCG/L
SEC-BUTYLBENZENE	< 0.5 MCG/L
4-ISOPROPYLTOLUENE (p-Cymene)	< 0.5 MCG/L
1,3-DICHLOROBENZENE	< 0.5 MCG/L
1,4-DICHLOROBENZENE	< 0.5 MCG/L
N-BUTYLBENZENE	< 0.5 MCG/L
1,2-DICHLOROBENZENE	< 0.5 MCG/L
1,2-DIBROMO-3-CHLOROPROPANE	< 0.5 MCG/L
1,2,4-TRICHLOROBENZENE	< 0.5 MCG/L
HEXACHLOROBUTADIENE (C-46)	< 0.5 MCG/L
NAPHTHALENE	< 0.5 MCG/L
1,2,3-TRICHLOROBENZENE	< 0.5 MCG/L
PH OF VOLATILE ALIQUOT	2

*** END OF REPORT ***

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RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9602545 SAMPLE RECEIVED: 96/11/06/ CHARGE: 8.00
PROGRAM: 110: STATE SUPERFUND ANALYTICAL SERVICES
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE: 5822
POLITICAL SUBDIVISION: CLYDE V. COUNTY: WAYNE
LATITUDE: LONGITUDE: Z DIRECTION:
LOCATION: #859015 - OLD ERIE CANAL - TOWN OF CLYDE
DESCRIPTION: CAMP, SUMP SAMPLE #5
REPORTING LAB: TOX: LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: 5022W: VOLATILE ORGANICS IN WATER
SAMPLE TYPE: 230: SEEPAGE
TIME OF SAMPLING: 96/11/04 14:10 DATE PRINTED: 96/11/21

ANALYSIS: 5022W VOLATILE ORGANICS IN WATER-EPA 502.2 (DES 310-33)
DATE PRINTED: 96/11/21 FINAL REPORT

-----PARAMETER-----

-----RESULT-----

DICHLORODIFLUOROMETHANE (FREON-12)	< 0.5 MCG/L
CHLOROMETHANE	< 0.5 MCG/L
VINYL CHLORIDE	< 0.5 MCG/L
BROMOMETHANE	< 0.5 MCG/L
CHLOROETHANE	< 0.5 MCG/L
TRICHLOROFLUOROMETHANE (FREON-11)	< 0.5 MCG/L
1,1-DICHLOROETHENE	< 0.5 MCG/L
METHYLENE CHLORIDE (DICHLOROMETHANE)	< 0.5 MCG/L
TRANS-1,2-DICHLOROETHENE	< 0.5 MCG/L
1,1-DICHLOROETHANE	< 0.5 MCG/L
2,2-DICHLOROPROPANE	< 0.5 MCG/L
CIS-1,2-DICHLOROETHENE	< 0.5 MCG/L
CHLOROFORM	< 0.5 MCG/L
BROMOCHLOROMETHANE	< 0.5 MCG/L
1,1,1-TRICHLOROETHANE	< 0.5 MCG/L
1,1-DICHLOROPROPENE	< 0.5 MCG/L
CARBON TETRACHLORIDE	< 0.5 MCG/L
1,2-DICHLOROETHANE	< 0.5 MCG/L
BENZENE	< 0.5 MCG/L
TRICHLOROETHENE	< 0.5 MCG/L
1,2-DICHLOROPROPANE	< 0.5 MCG/L
BROMODICHLOROMETHANE	< 0.5 MCG/L
DIBROMOMETHANE	< 0.5 MCG/L
CIS-1,3-DICHLOROPROPENE	< 0.5 MCG/L
TOLUENE	< 0.5 MCG/L
TRANS-1,3-DICHLOROPROPENE	< 0.5 MCG/L
1,1,2-TRICHLOROETHANE	< 0.5 MCG/L
1,3-DICHLOROPROPANE	< 0.5 MCG/L
TETRACHLOROETHENE	< 0.5 MCG/L
DIBROMOCHLOROMETHANE	< 0.5 MCG/L

**** CONTINUED ON NEXT PAGE ****

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ROCHESTER, N.Y. 14608

SUBMITTED BY: NAPIER

PAGE 2

RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9602545 SAMPLE RECEIVED: 96/11/06/ CHARGE: 8.00
POLITICAL SUBDIVISION: CLYDE V. COUNTY: WAYNE
LOCATION: #859015 - OLD ERIE CANAL - TOWN OF CLYDE
TIME OF SAMPLING: 96/11/04 14:10 DATE PRINTED: 96/11/21

-----PARAMETER-----	-----RESULT-----
1,2-DIBROMOETHANE (EDB)	< 0.5 MCG/L
CHLOROBENZENE	< 0.5 MCG/L
1,1,1,2-TETRACHLOROETHANE	< 0.5 MCG/L
ETHYLBENZENE	< 0.5 MCG/L
M/P-XYLENE	< 0.5 MCG/L
O-XYLENE	< 0.5 MCG/L
STYRENE	< 0.5 MCG/L
ISOPROPYLBENZENE (Cumene)	< 0.5 MCG/L
BROMOFORM	< 0.5 MCG/L
1,1,2,2-TETRACHLOROETHANE	< 0.5 MCG/L
1,2,3-TRICHLOROPROPANE	< 0.5 MCG/L
N-PROPYLBENZENE	< 0.5 MCG/L
BROMOBENZENE	< 0.5 MCG/L
1,3,5-TRIMETHYLBENZENE	< 0.5 MCG/L
O-CHLOROTOLUENE	< 0.5 MCG/L
P-CHLOROTOLUENE	< 0.5 MCG/L
TERT-BUTYLBENZENE	< 0.5 MCG/L
1,2,4-TRIMETHYLBENZENE	< 0.5 MCG/L
SEC-BUTYLBENZENE	< 0.5 MCG/L
4-ISOPROPYLTOLUENE (p-Cymene)	< 0.5 MCG/L
1,3-DICHLOROBENZENE	< 0.5 MCG/L
1,4-DICHLOROBENZENE	< 0.5 MCG/L
N-BUTYLBENZENE	< 0.5 MCG/L
1,2-DICHLOROBENZENE	< 0.5 MCG/L
1,2-DIBROMO-3-CHLOROPROPANE	< 0.5 MCG/L
1,2,4-TRICHLOROBENZENE	< 0.5 MCG/L
HEXACHLOROBUTADIENE (C-46)	< 0.5 MCG/L
NAPHTHALENE	< 0.5 MCG/L
1,2,3-TRICHLOROBENZENE	< 0.5 MCG/L
PH OF VOLATILE ALIQUOT	2

*** END OF REPORT ***

PAGE 1

RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9602546 SAMPLE RECEIVED: 96/11/06/ CHARGE: 8.00
PROGRAM: 110: STATE SUPERFUND ANALYTICAL SERVICES
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE: 5822
POLITICAL SUBDIVISION: CLYDE V. COUNTY: WAYNE
LATITUDE: LONGITUDE: Z DIRECTION:
LOCATION: #859015 - OLD ERIE CANAL - TOWN OF CLYDE
DESCRIPTION: CAMP, SUMP SAMPLE #6
REPORTING LAB: TOX: LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: 5022W: VOLATILE ORGANICS IN WATER
SAMPLE TYPE: 230: SEEPAGE
TIME OF SAMPLING: 96/11/04 14:15 DATE PRINTED: 96/11/21

ANALYSIS: 5022W VOLATILE ORGANICS IN WATER-EPA 502.2 (DES 310-33)
DATE PRINTED: 96/11/21 FINAL REPORT

-----PARAMETER-----	-----RESULT-----
DICHLORODIFLUOROMETHANE (FREON-12)	< 0.5 MCG/L
CHLOROMETHANE	< 0.5 MCG/L
VINYL CHLORIDE	< 0.5 MCG/L
BROMOMETHANE	< 0.5 MCG/L
CHLOROETHANE	< 0.5 MCG/L
TRICHLOROFLUOROMETHANE (FREON-11)	< 0.5 MCG/L
1,1-DICHLOROETHENE	< 0.5 MCG/L
METHYLENE CHLORIDE (DICHLOROMETHANE)	< 0.5 MCG/L
TRANS-1,2-DICHLOROETHENE	< 0.5 MCG/L
1,1-DICHLOROETHANE	< 0.5 MCG/L
2,2-DICHLOROPROPANE	< 0.5 MCG/L
CIS-1,2-DICHLOROETHENE	< 0.5 MCG/L
CHLOROFORM	< 0.5 MCG/L
BROMOCHLOROMETHANE	< 0.5 MCG/L
1,1,1-TRICHLOROETHANE	< 0.5 MCG/L
1,1-DICHLOROPROPENE	< 0.5 MCG/L
CARBON TETRACHLORIDE	< 0.5 MCG/L
1,2-DICHLOROETHANE	< 0.5 MCG/L
BENZENE	< 0.5 MCG/L
TRICHLOROETHENE	< 0.5 MCG/L
1,2-DICHLOROPROPANE	< 0.5 MCG/L
BROMODICHLOROMETHANE	< 0.5 MCG/L
DIBROMOMETHANE	< 0.5 MCG/L
CIS-1,3-DICHLOROPROPENE	< 0.5 MCG/L
TOLUENE	< 0.5 MCG/L
TRANS-1,3-DICHLOROPROPENE	< 0.5 MCG/L
1,1,2-TRICHLOROETHANE	< 0.5 MCG/L
1,3-DICHLOROPROPANE	< 0.5 MCG/L
TETRACHLOROETHENE	< 0.5 MCG/L
DIBROMOCHLOROMETHANE	< 0.5 MCG/L

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SUBMITTED BY: NAPIER

PAGE 2

RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9602546 SAMPLE RECEIVED: 96/11/06/ CHARGE: 8.00
POLITICAL SUBDIVISION: CLYDE V. COUNTY: WAYNE
LOCATION: #859015 - OLD ERIE CANAL - TOWN OF CLYDE
TIME OF SAMPLING: 96/11/04 14:15 DATE PRINTED: 96/11/21

-----PARAMETER-----	-----RESULT-----
1,2-DIBROMOETHANE (EDB)	< 0.5 MCG/L
CHLOROBENZENE	< 0.5 MCG/L
1,1,1,2-TETRACHLOROETHANE	< 0.5 MCG/L
ETHYLBENZENE	< 0.5 MCG/L
M/P-XYLENE	< 0.5 MCG/L
O-XYLENE	< 0.5 MCG/L
STYRENE	< 0.5 MCG/L
ISOPROPYLBENZENE (Cumene)	< 0.5 MCG/L
BROMOFORM	< 0.5 MCG/L
1,1,2,2-TETRACHLOROETHANE	< 0.5 MCG/L
1,2,3-TRICHLOROPROPANE	< 0.5 MCG/L
N-PROPYLBENZENE	< 0.5 MCG/L
BROMOBENZENE	< 0.5 MCG/L
1,3,5-TRIMETHYLBENZENE	< 0.5 MCG/L
O-CHLOROTOLUENE	< 0.5 MCG/L
P-CHLOROTOLUENE	< 0.5 MCG/L
TERT-BUTYLBENZENE	< 0.5 MCG/L
1,2,4-TRIMETHYLBENZENE	< 0.5 MCG/L
SEC-BUTYLBENZENE	< 0.5 MCG/L
4-ISOPROPYLTOLUENE (p-Cymene)	< 0.5 MCG/L
1,3-DICHLOROBENZENE	< 0.5 MCG/L
1,4-DICHLOROBENZENE	< 0.5 MCG/L
N-BUTYLBENZENE	< 0.5 MCG/L
1,2-DICHLOROBENZENE	< 0.5 MCG/L
1,2-DIBROMO-3-CHLOROPROPANE	< 0.5 MCG/L
1,2,4-TRICHLOROBENZENE	< 0.5 MCG/L
HEXACHLOROBUTADIENE (C-46)	< 0.5 MCG/L
NAPHTHALENE	< 0.5 MCG/L
1,2,3-TRICHLOROBENZENE	< 0.5 MCG/L
PH OF VOLATILE ALIQUOT	2

*** END OF REPORT ***



STATE OF NEW YORK DEPARTMENT OF HEALTH

Office of Public Health

Western Region - Rochester Field Office

42 South Washington Street

Rochester, New York 14608

Barbara A. DeBuono, M.D., M.P.H.
Commissioner

August 8, 1995

Karen Schimke
Executive Deputy Commissioner

RECEIVED-ALBANY

MAY 29 2002

ORIGINAL

170 Charles Camp
177 Columbia Street
Clyde, N.Y. 14433

GE CORPORATE
ENVIRONMENTAL PROGRAMS

RE: Water Sample Results
Old Erie Canal, Site #859015
Clyde, Wayne County

Dear Mr. Camp:

Enclosed is a copy of the sample results for the water sample which I collected from a sump in the basement at your residence on July 12, 1995. The water sample was analyzed for volatile organic compounds and ketones at the New York State Wadsworth Center for Laboratories and Research in Albany.

The laboratory report included with this letter lists the parameters (chemicals) analyzed for in the left-hand column and the corresponding results in the right-hand column. The less-than (<) symbol in front of a result indicates that the parameter was not present at the level indicated, which is the detection limit for the analytical methods used. The detection limit for volatile organic compounds is 0.5 micrograms per liter (MCG/L) or 0.5 parts per billion. The detection limit for the ketone parameters is 10.0 MCG/L or 10.0 parts per billion. As shown on the report the only compound detected in the sample was acetone at 68.0 MCG/L. Acetone is a common laboratory contaminant and this low level result is likely due to laboratory contamination. In order to confirm this, I would like to resample the sump in September. I will call you to arrange this sampling.

Thank you for allowing me to collect the water sample. If you have any questions about the sample results please call me at (716) 423-8071.

Sincerely,

David L. Napier
David L. Napier
Regional Toxics Coordinator
Bureau of Environmental Exposure
Investigation

cc: Dr. Carlson/Mr. Wakeman
Mr. Linse - GDO
Ms. Peachey - DEC, Region 8
Mr. Hoffman - DEC, BHSC

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RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9501491 SAMPLE RECEIVED: 95/07/18/ CHARGE: 12.00
PROGRAM: 110: STATE SUPERFUND ANALYTICAL SERVICES
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE: 5822
POLITICAL SUBDIVISION: CLYDE V. COUNTY: WAYNE
LATITUDE: LONGITUDE: Z DIRECTION:
LOCATION: 859015 - OLD ERIE CANA - TOWN OF CLYDE
DESCRIPTION: CHARLES CAMP - SUMP WATER
REPORTING LAB: DEDP: DIV. ENVIRONMENTAL DISEASE PREVENTION - ACCESSION LAB
TEST PATTERN: 5022W-KET: VOLATILE ORGANICS & KETONES IN WATER
SAMPLE TYPE: 230: SEEPAGE
TIME OF SAMPLING: 95/07/12 10:45 DATE PRINTED: 95/07/30

ANALYSIS: 5022W VOLATILE ORGANICS IN WATER-EPA 502.2 (DES 310-33)
DATE PRINTED: 95/07/28 FINAL REPORT

-----PARAMETER-----	-----RESULT-----
DICHLORODIFLUOROMETHANE (FREON-12)	< 0.5 MCG/L
CHLOROMETHANE	< 0.5 MCG/L
VINYL CHLORIDE	< 0.5 MCG/L
BROMOMETHANE	< 0.5 MCG/L
CHLOROETHANE	< 0.5 MCG/L
TRICHLOROFLUOROMETHANE (FREON-11)	< 0.5 MCG/L
1,1-DICHLOROETHENE	< 0.5 MCG/L
METHYLENE CHLORIDE (DICHLOROMETHANE)	< 0.5 MCG/L
TRANS-1,2-DICHLOROETHENE	< 0.5 MCG/L
1,1-DICHLOROETHANE	< 0.5 MCG/L
2,2-DICHLOROPROPANE	< 0.5 MCG/L
CIS-1,2-DICHLOROETHENE	< 0.5 MCG/L
CHLOROFORM	< 0.5 MCG/L
BROMOCHLOROMETHANE	< 0.5 MCG/L
1,1,1-TRICHLOROETHANE	< 0.5 MCG/L
1,1-DICHLOROPROPENE	< 0.5 MCG/L
CARBON TETRACHLORIDE	< 0.5 MCG/L
1,2-DICHLOROETHANE	< 0.5 MCG/L
BENZENE	< 0.5 MCG/L
TRICHLOROETHENE	< 0.5 MCG/L
1,2-DICHLOROPROPANE	< 0.5 MCG/L
BROMODICHLOROMETHANE	< 0.5 MCG/L
DIBROMOMETHANE	< 0.5 MCG/L
CIS-1,3-DICHLOROPROPENE	< 0.5 MCG/L
TOLUENE	< 0.5 MCG/L
TRANS-1,3-DICHLOROPROPENE	< 0.5 MCG/L
1,1,2-TRICHLOROETHANE	< 0.5 MCG/L
1,3-DICHLOROPROPANE	< 0.5 MCG/L
TETRACHLOROETHENE	< 0.5 MCG/L
DIBROMOCHLOROMETHANE	< 0.5 MCG/L

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PAGE 2

RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9501491 SAMPLE RECEIVED: 95/07/18/ CHARGE: 12.00
POLITICAL SUBDIVISION: CLYDE V. COUNTY: WAYNE
LOCATION: 859015 - OLD ERIE CANA - TOWN OF CLYDE
TIME OF SAMPLING: 95/07/12 10:45 DATE PRINTED: 95/07/30

PARAMETER	RESULT
1,2-DIBROMOETHANE (EDB)	< 0.5 MCG/L
CHLOROBENZENE	< 0.5 MCG/L
1,1,1,2-TETRACHLOROETHANE	< 0.5 MCG/L
ETHYLBENZENE	< 0.5 MCG/L
M/P-XYLENE	< 0.5 MCG/L
O-XYLENE	< 0.5 MCG/L
STYRENE	< 0.5 MCG/L
ISOPROPYLBENZENE (Cumene)	< 0.5 MCG/L
BROMOFORM	< 0.5 MCG/L
1,1,2,2-TETRACHLOROETHANE	< 0.5 MCG/L
1,2,3-TRICHLOROPROPANE	< 0.5 MCG/L
N-PROPYLBENZENE	< 0.5 MCG/L
BROMOBENZENE	< 0.5 MCG/L
1,3,5-TRIMETHYLBENZENE	< 0.5 MCG/L
O-CHLOROTOLUENE	< 0.5 MCG/L
P-CHLOROTOLUENE	< 0.5 MCG/L
TERT-BUTYLBENZENE	< 0.5 MCG/L
1,2,4-TRIMETHYLBENZENE	< 0.5 MCG/L
SEC-BUTYLBENZENE	< 0.5 MCG/L
4-ISOPROPYLTOLUENE (p-Cymene)	< 0.5 MCG/L
1,3-DICHLOROBENZENE	< 0.5 MCG/L
1,4-DICHLOROBENZENE	< 0.5 MCG/L
N-BUTYLBENZENE	< 0.5 MCG/L
1,2-DICHLOROBENZENE	< 0.5 MCG/L
1,2-DIBROMO-3-CHLOROPROPANE	< 0.5 MCG/L
1,2,4-TRICHLOROBENZENE	< 0.5 MCG/L
HEXACHLOROBUTADIENE (C-46)	< 0.5 MCG/L
NAPHTHALENE	< 0.5 MCG/L
1,2,3-TRICHLOROBENZENE	< 0.5 MCG/L
PH OF VOLATILE ALIQUOT	2

ANALYSIS: KET KETONES - PURGE & TRAP TECHNIQUE (DES 310-25)
DATE PRINTED: 95/07/31 FINAL REPORT

PARAMETER	RESULT
2-BUTANONE (METHYL ETHYL KETONE)	< 10. MCG/L
4-METHYL-2-PENTANONE (MIBK)	< 10. MCG/L
ACETONE	68. MCG/L
METHYL TERT BUTYL ETHER	< 10. MCG/L

**** END OF REPORT ****