1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS8RE

Lab Name: STL/CT Contract: _____

Lab Code: IEACT Case No.: 2414B SAS No.: _____ SDG No.: B2414

Matrix: (soil/water) SOIL Lab Sample ID: 992414B-07RE

Sample wt/vol: 5 (g/mL) G Lab File ID: >K6771

Level: (low/med) LOW Date Received: 10/02/99

% Moisture: not dec. 31 Date Analyzed: 10/06/99

GC Column: 007-624 ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	14	U
74-83-9	Bromomethane	14	U
75-01-4	Vinyl Chloride	14	U
75-00-3	Chloroethane	14	U
75-09-2	Methylene Chloride	2	J
67-64-1	Acetone	19	
75-15-0	Carbon Disulfide	14	U
75-35-4	1,1-Dichloroethene	14	U
75-34-3	1,1-Dichloroethane	14	U
540-59-0	1,2-Dichloroethene (total)	14	U
67-66-3	Chloroform	14	U
107-06-2	1,2-Dichloroethane	14	U
78-93-3	2-Butanone	14	U
71-55-6	1,1,1-Trichloroethane	14	U
56-23-5	Carbon Tetrachloride	14	U
75-27-4	Bromodichloromethane	14	U
78-87-5	1,2-Dichloropropane	14	U
10061-01-5	cis-1,3-Dichloropropene	14	U
79-01-6	Trichloroethene	10	J
124-48-1	Dibromochloromethane	14	U
79-00-5	1,1,2-Trichloroethane	14	U
71-43-2	Benzene	14	U
10061-02-6	trans-1,3-Dichloropropene	14	U
75-25-2	Bromoform	14	U
108-10-1	4-Methyl-2-Pentanone	14	U
591-78-6	2-Hexanone	14	U
127-18-4	Tetrachloroethene	23	
79-34-5	1,1,2,2-Tetrachloroethane	14	U
108-88-3	Toluene	14	U
108-90-7	Chlorobenzene	14	U
100-41-4	Ethylbenzene	14	U
100-42-5	Styrene	14	U
1330-20-7	Xylene (total)	14	U

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SS8

Lab Name: STL Contract: _____

Lab Code: STL Case No.: 2414B SAS No.: _____ SDG No.: B2414

Matrix (soil/water): SOIL Lab Sample ID: 992414B-07

Level (low/med): LOW Date Received: 10/02/99

% Solids: 69

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	8320			P
7440-36-0	Antimony	2.9	B	N	P
7440-38-2	Arsenic	16.3			P
7440-39-3	Barium	91.4			P
7440-41-7	Beryllium	0.39	B		P
7440-43-9	Cadmium	0.28	U	N	P
7440-70-2	Calcium	3280			P
7440-47-3	Chromium	21.8		*	P
7440-48-4	Cobalt	8.3	B		P
7440-50-8	Copper	102.		E	P
7439-89-6	Iron	29900		*	P
7439-92-1	Lead	401.			P
7439-95-4	Magnesium	3640			P
7439-96-5	Manganese	495.		*	P
7439-97-6	Mercury	1.2			CV
7440-02-0	Nickel	22.0			P
7440-09-7	Potassium	1000	B		P
7782-49-2	Selenium	2.8		N	P
7440-22-4	Silver	0.28	U		P
7440-23-5	Sodium	203.	B		P
7440-28-0	Thallium	2.8	U		P
7440-62-2	Vanadium	35.8			P
7440-66-6	Zinc	267.			P
57-12-5	Cyanide				NR

Color Before: BROWN Clarity Before: OPAQUE Texture: _____

Color After: YELLOW Clarity After: CLEAR Artifacts: _____

Comments:

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS8

Lab Name: STL/CT Contract: _____

Lab Code: IEACT Case No.: 2414B SAS No.: _____ SDG No.: B2414

Matrix: (soil/water) SOIL Lab Sample ID: 992414B-07

Sample wt/vol: 30 (g/mL) G Lab File ID: >R4888

Level: (low/med) LOW Date Received: 10/02/99

% Moisture: 30 decanted: (Y/N) N Date Extracted: 10/05/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/02/99

Injection Volume: 2.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 7.2

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
91-20-3	Naphthalene	600	J
91-57-6	2-Methylnaphthalene	530	J
208-96-8	Acenaphthylene	5100	
83-32-9	Acenaphthene	220	J
86-73-7	Fluorene	440	J
85-01-8	Phenanthrene	6600	
120-12-7	Anthracene	2400	J
206-44-0	Fluoranthene	14000	
129-00-0	Pyrene	34000	
56-55-3	Benzo(a)anthracene	12000	
218-01-9	Chrysene	14000	
205-99-2	Benzo(b)fluoranthene	14000	
207-08-9	Benzo(k)fluoranthene	12000	
50-32-8	Benzo(a)pyrene	16000	
193-39-5	Indeno(1,2,3-cd)pyrene	14000	
53-70-3	Dibenzo(a,h)anthracene	4400	J
191-24-2	Benzo(g,h,i)perylene	21000	

1

WET CHEM ANALYSIS DATA SHEET

SAMPLE NO.

SS8

Lab Name: STL Contract: _____

Lab Code: STL Case No.: 2414B SAS No.: _____ SDG No.: B2414

Matrix (soil/water): SOIL Lab Sample ID: 992414B-07

% Solids: 69 Date Received: 10/02/99

CAS No.	Analyte	Concentration	C	Units	Q	M
57-12-5	Cyanide, Total.	3.77		mg/Kg		L

Comments:

FORM I - WC

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS9

Lab Name: STL/CT Contract: _____

Lab Code: IEACT Case No.: 2973A SAS No.: _____ SDG No.: A2973

Matrix: (soil/water) SOIL Lab Sample ID: 992973A-01

Sample wt/vol: 4 (g/mL) G Lab File ID: >06235

Level: (low/med) MED Date Received: 11/06/99

% Moisture: not dec. 16 Date Analyzed: 11/10/99

GC Column: 007-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 20 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	7100	U
74-83-9	Bromomethane	7100	U
75-01-4	Vinyl Chloride	7100	U
75-00-3	Chloroethane	7100	U
75-09-2	Methylene Chloride	2700	J
67-64-1	Acetone	12000	B
75-15-0	Carbon Disulfide	7100	U
75-35-4	1,1-Dichloroethene	7100	U
75-34-3	1,1-Dichloroethane	7100	U
540-59-0	1,2-Dichloroethene (total)	7100	U
67-66-3	Chloroform	7100	U
107-06-2	1,2-Dichloroethane	7100	U
78-93-3	2-Butanone	3200	JB
71-55-6	1,1,1-Trichloroethane	7100	U
56-23-5	Carbon Tetrachloride	7100	U
75-27-4	Bromodichloromethane	7100	U
78-87-5	1,2-Dichloropropane	7100	U
10061-01-5	cis-1,3-Dichloropropene	7100	U
79-01-6	Trichloroethene	7100	U
124-48-1	Dibromochloromethane	7100	U
79-00-5	1,1,2-Trichloroethane	7100	U
71-43-2	Benzene	7100	U
10061-02-6	trans-1,3-Dichloropropene	7100	U
75-25-2	Bromoform	7100	U
108-10-1	4-Methyl-2-Pentanone	450	J
591-78-6	2-Hexanone	690	J
127-18-4	Tetrachloroethene	7100	U
79-34-5	1,1,2,2-Tetrachloroethane	7100	U
108-88-3	Toluene	7100	U
108-90-7	Chlorobenzene	7100	U
100-41-4	Ethylbenzene	7100	U
100-42-5	Styrene	7100	U
1330-20-7	Xylene (total)	7100	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS9

Lab Name: STL/CT Contract: _____

Lab Code: IEACT Case No.: 2973A SAS No.: _____ SDG No.: A2973

Matrix: (soil/water) SOIL Lab Sample ID: 992973A-01

Sample wt/vol: 30 (g/mL) G Lab File ID: >Q6337

Level: (low/med) LOW Date Received: 11/06/99

% Moisture: 15 decanted: (Y/N) N Date Extracted: 11/09/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/24/99

Injection Volume: 2.0 (uL) Dilution Factor: 100.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
91-20-3	Naphthalene	810	J
91-57-6	2-Methylnaphthalene	2300	J
208-96-8	Acenaphthylene	67000	
83-32-9	Acenaphthene	45000	
86-73-7	Fluorene	72000	
85-01-8	Phenanthrene	240000	
120-12-7	Anthracene	67000	
206-44-0	Fluoranthene	64000	
129-00-0	Pyrene	100000	
56-55-3	Benzo(a)anthracene	37000	J
218-01-9	Chrysene	28000	J
205-99-2	Benzo(b)fluoranthene	16000	J
207-08-9	Benzo(k)fluoranthene	20000	J
50-32-8	Benzo(a)pyrene	40000	
193-39-5	Indeno(1,2,3-cd)pyrene	13000	J
53-70-3	Dibenzo(a,h)anthracene	4300	J
191-24-2	Benzo(g,h,i)perylene	20000	J

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SS9

Lab Name: STL Contract: _____

Lab Code: STL Case No.: 2973A SAS No.: _____ SDG No.: A2973

Matrix (soil/water): SOIL Lab Sample ID: 992973A-01

Level (low/med): LOW Date Received: 11/06/99

% Solids: 83

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	10400			P
7440-36-0	Antimony	1.6	U		P
7440-38-2	Arsenic	3.2			P
7440-39-3	Barium	47.0			P
7440-41-7	Beryllium	0.31	B		P
7440-43-9	Cadmium	0.23	U		P
7440-70-2	Calcium	629.	B	*	P
7440-47-3	Chromium	13.7			P
7440-48-4	Cobalt	7.5	B		P
7440-50-8	Copper	19.2			P
7439-89-6	Iron	17300			P
7439-92-1	Lead	12.7			P
7439-95-4	Magnesium	2950			P
7439-96-5	Manganese	127.		*	P
7439-97-6	Mercury	0.026			CV
7440-02-0	Nickel	15.8			P
7440-09-7	Potassium	721.	B		P
7782-49-2	Selenium	1.2	U		P
7440-22-4	Silver	0.23	U		P
7440-23-5	Sodium	824.	B		P
7440-28-0	Thallium	2.3	U		P
7440-62-2	Vanadium	17.8			P
7440-66-6	Zinc	54.8			P
57-12-5	Cyanide				NR

Color Before: BROWN Clarity Before: OPAQUE Texture: _____

Color After: YELLOW Clarity After: CLEAR Artifacts: _____

Comments:

1

WET CHEM ANALYSIS DATA SHEET

SAMPLE NO.

SS9

Lab Name: STL Contract: _____

Lab Code: STL Case No.: 2973A SAS No.: _____ SDG No.: A2973

Matrix (soil/water): SOIL Lab Sample ID: 992973A-01

% Solids: 83.4 Date Received: 11/06/99

CAS No.	Analyte	Concentration	C	Units	Q	M
57-12-5	Cyanide, Total	0.570	U	mg/Kg		L

Comments:

FORM I - WC

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP1 (8.0-9.0)

Lab Name: STL/CT Contract: _____

Lab Code: IEACT Case No.: 2477A SAS No.: _____ SDG No.: A2477

Matrix: (soil/water) SOIL Lab Sample ID: 992477A-01

Sample wt/vol: 4 (g/mL) G Lab File ID: >05217

Level: (low/med) MED Date Received: 09/25/99

% Moisture: not dec. 15 Date Analyzed: 09/30/99

GC Column: 007-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 10 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	14000	U
74-83-9	Bromomethane	14000	U
75-01-4	Vinyl Chloride	14000	U
75-00-3	Chloroethane	14000	U
75-09-2	Methylene Chloride	3200	J
67-64-1	Acetone	14000	B
75-15-0	Carbon Disulfide	14000	U
75-35-4	1,1-Dichloroethene	14000	U
75-34-3	1,1-Dichloroethane	14000	U
540-59-0	1,2-Dichloroethene (total)	14000	U
67-66-3	Chloroform	14000	U
107-06-2	1,2-Dichloroethane	14000	U
78-93-3	2-Butanone	8400	JB
71-55-6	1,1,1-Trichloroethane	14000	U
56-23-5	Carbon Tetrachloride	14000	U
75-27-4	Bromodichloromethane	14000	U
78-87-5	1,2-Dichloropropane	14000	U
10061-01-5	cis-1,3-Dichloropropene	14000	U
79-01-6	Trichloroethene	14000	U
124-48-1	Dibromochloromethane	14000	U
79-00-5	1,1,2-Trichloroethane	14000	U
71-43-2	Benzene	14000	U
10061-02-6	trans-1,3-Dichloropropene	14000	U
75-25-2	Bromoform	14000	U
108-10-1	4-Methyl-2-Pentanone	14000	U
591-78-6	2-Hexanone	6800	JB
127-18-4	Tetrachloroethene	14000	U
79-34-5	1,1,2,2-Tetrachloroethane	14000	U
108-88-3	Toluene	48000	
108-90-7	Chlorobenzene	14000	U
100-41-4	Ethylbenzene	63000	
100-42-5	Styrene	13000	J
1330-20-7	Xylene (total)	130000	

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

TP1 (8.0-9.0)

Lab Name: STL/CT Contract: _____

Lab Code: IEACT Case No.: 2477A SAS No.: _____ SDG No.: A2477

Matrix: (soil/water) SOIL Lab Sample ID: 992477A-01

Sample wt/vol: 4 (g/mL) G Lab File ID: >05217

Level: (low/med) MED Date Received: 09/25/99

% Moisture: not dec. 15 Date Analyzed: 09/30/99

GC Column: 007-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 10 (uL)

Number TICs Found: 18

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.	UNKNOWN C3 ALKYLBENZENE	23.15	110000	J
02.	UNKNOWN C3 ALKYLBENZENE	21.48	50000	J
03.	UNKNOWN C3 ALKYLBENZENE	20.66	48000	J
04.	UNKNOWN C10H20 ISOMER	25.70	38000	J
05.	UNKNOWN C10H20 ISOMER	25.46	35000	J
06.	UNKNOWN STRAIGHT ALKANE	22.55	33000	J
07.	UNKNOWN STRAIGHT ALKANE	15.59	33000	J
08.	UNKNOWN C3 ALKYLBENZENE	22.70	30000	J
09.	UNKNOWN C3 ALKYLBENZENE	22.27	30000	J
10.	UNKNOWN STRAIGHT ALKANE	20.51	28000	J
11.	UNKNOWN STRAIGHT ALKANE	24.61	25000	J
12.	UNKNOWN C3 ALKYLBENZENE	20.80	23000	J
13.	UNKNOWN BRANCHED ALKANE	26.18	21000	J
14.	UNKNOWN C10H12 ISOMER	24.90	20000	J
15.	UNKNOWN C4 ALKYLBENZENE	23.71	18000	J
16.108-87-2	CYCLOHEXANE, METHYL-	14.10	16000	JN
17.	UNKNOWN BRANCHED ALKANE	14.72	16000	J
18.	UNKNOWN C4 ALKYLBENZENE	24.28	16000	J
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP1 (8.0-9.0)

Lab Name: STL/CT Contract: 68-D5-0014

Lab Code: IEACT Case No.: _____ SAS No.: _____ SDG No.: A2477

Matrix: (soil/water) SOIL Lab Sample ID: 992477A-01

Sample wt/vol: 30 (g/mL) G Lab File ID: >R4927

Level: (low/med) LOW Date Received: 09/25/99

% Moisture: 15 decanted: (Y/N) N Date Extracted: 09/30/99

Concentrated Extract Volume: 500 (uL) Date Analyzed: 11/03/99

Injection Volume: 2.0 (uL) Dilution Factor: 100.0

GPC Cleanup: (Y/N) Y pH: 6.2

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	39000	U
111-44-4	bis(2-Chloroethyl)ether	39000	U
95-57-8	2-Chlorophenol	39000	U
541-73-1	1,3-Dichlorobenzene	39000	U
106-46-7	1,4-Dichlorobenzene	39000	U
95-50-1	1,2-Dichlorobenzene	39000	U
95-48-7	2-Methylphenol	39000	U
108-60-1	2,2'-oxybis(1-Chloropropane)	39000	U
106-44-5	4-Methylphenol	39000	U
621-64-7	N-Nitroso-di-n-propylamine	39000	U
67-72-1	Hexachloroethane	39000	U
98-95-3	Nitrobenzene	39000	U
78-59-1	Isophorone	39000	U
88-75-5	2-Nitrophenol	39000	U
105-67-9	2,4-Dimethylphenol	39000	U
111-91-1	bis(2-Chloroethoxy)methane	39000	U
120-83-2	2,4-Dichlorophenol	39000	U
120-82-1	1,2,4-Trichlorobenzene	39000	U
91-20-3	Naphthalene	190000	
106-47-8	4-Chloroaniline	39000	U
87-68-3	Hexachlorobutadiene	39000	U
59-50-7	4-Chloro-3-methylphenol	39000	U
91-57-6	2-Methylnaphthalene	88000	
77-47-4	Hexachlorocyclopentadiene	39000	U
88-06-2	2,4,6-Trichlorophenol	39000	U
95-95-4	2,4,5-Trichlorophenol	98000	U
91-58-7	2-Chloronaphthalene	39000	U
88-74-4	2-Nitroaniline	98000	U
131-11-3	Dimethylphthalate	39000	U
208-96-8	Acenaphthylene	13000	J
606-20-2	2,6-Dinitrotoluene	39000	U
99-09-2	3-Nitroaniline	98000	U
83-32-9	Acenaphthene	16000	J

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP1 (8.0-9.0)

Lab Name: STL/CT Contract: 68-D5-0014

Lab Code: IEACT Case No.: _____ SAS No.: _____ SDG No.: A2477

Matrix: (soil/water) SOIL Lab Sample ID: 992477A-01

Sample wt/vol: 30 (g/mL) G Lab File ID: >R4927

Level: (low/med) LOW Date Received: 09/25/99

% Moisture: 15 decanted: (Y/N) N Date Extracted: 09/30/99

Concentrated Extract Volume: 500 (uL) Date Analyzed: 11/03/99

Injection Volume: 2.0 (uL) Dilution Factor: 100.0

GPC Cleanup: (Y/N) Y pH: 6.2

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	98000	U
100-02-7	4-Nitrophenol	98000	U
132-64-9	Dibenzofuran	10000	J
121-14-2	2,4-Dinitrotoluene	39000	U
84-66-2	Diethylphthalate	39000	U
7005-72-3	4-Chlorophenyl-phenylether	39000	U
86-73-7	Fluorene	25000	J
100-01-6	4-Nitroaniline	98000	U
534-52-1	4,6-Dinitro-2-methylphenol	98000	U
86-30-6	N-Nitrosodiphenylamine (1)	39000	U
101-55-3	4-Bromophenyl-phenylether	39000	U
118-74-1	Hexachlorobenzene	39000	U
87-86-5	Pentachlorophenol	98000	U
85-01-8	Phenanthrene	68000	
120-12-7	Anthracene	23000	J
86-74-8	Carbazole	7200	J
84-74-2	Di-n-butylphthalate	39000	U
206-44-0	Fluoranthene	25000	J
129-00-0	Pyrene	35000	J
85-68-7	Butylbenzylphthalate	39000	U
91-94-1	3,3'-Dichlorobenzidine	39000	U
56-55-3	Benzo(a)anthracene	15000	J
218-01-9	Chrysene	14000	J
117-81-7	bis(2-Ethylhexyl)phthalate	39000	U
117-84-0	Di-n-octylphthalate	39000	U
205-99-2	Benzo(b)fluoranthene	5000	J
207-08-9	Benzo(k)fluoranthene	8500	J
50-32-8	Benzo(a)pyrene	10000	J
193-39-5	Indeno(1,2,3-cd)pyrene	3300	J
53-70-3	Dibenz(a,h)anthracene	1200	J
191-24-2	Benzo(g,h,i)perylene	4000	J

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

TP1 (8.0 - 9.0)

Lab Name: Severn Trent Laboratories- CT Contract:

Lab Code: STLCT Case No. SAS No. SDG No. A2477

Matrix (soil/water) SOIL Lab Sample ID: 992477A-01

Sample wt/vol: 30 G Lab File ID: R4927

Level: (low/ med) LOW Date Received: 9/25/99

% Moisture: 15 decanted: (Y/N) N Date Extracted: 9/30/99

Concentrated Extract Volume: 500 uL Date Analyzed: 11/3/99

Injection Volume: 2 uL Dilution Factor: 100

GPC Cleanup: (Y/N) Y pH 6.18

Number TIC's Found: 30 CONCENTRATION UNITS (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST CONC	Q
1.	UNKNOWN METHYLNAPHTHALENE	12.70	50000	J
2.	UNKNOWN PAH, MW 116	8.48	44000	J
3.	UNKNOWN DIMETHYLNAPHTHALENE	14.31	36000	J
4.	UNKNOWN DIMETHYLNAPHTHALENE	14.06	29000	J
5.	UNKNOWN PAH, MW 192	19.11	28000	J
6.	UNKNOWN DIMETHYLNAPHTHALENE	13.87	21000	J
7.	UNKNOWN PAH, MW 192	18.94	21000	J
8.	UNKNOWN C10H10 ISOMER	10.25	20000	J
9.	UNKNOWN PAH, MW 192	18.89	20000	J
10.	UNKNOWN C10H10 ISOMER	10.34	19000	J
11.	UNKNOWN DIMETHYLNAPHTHALENE	14.11	17000	J
12.	UNKNOWN	17.43	16000	J
13.	UNKNOWN PAH, MW 180	17.15	16000	J
14.	UNKNOWN ALKYL NAPHTHALENE	13.74	16000	J
15.	UNKNOWN C12H10 ISOMER	13.55	14000	J
16.	UNKNOWN C13H14 ISOMER	15.26	13000	J
17.	UNKNOWN TRIMETHYL NAPHTHALEN	15.31	13000	J
18.	UNKNOWN PAH, MW 192	19.02	13000	J
19.	UNKNOWN C13H10O ISOMER	16.43	13000	J
20.	UNKNOWN PAH, MW 206	20.03	13000	J
21.	UNKNOWN PAH, MW 166	15.87	12000	J
22.	UNKNOWN TRIMETHYL NAPHTHALEN	15.50	11000	J
23.	UNKNOWN PAH, MW 192	19.15	11000	J
24.	UNKNOWN PAH, MW 202	20.50	11000	J
25.	UNKNOWN C16H12 ISOMER	19.49	11000	J
26.	UNKNOWN PAH, MW 180	17.07	10000	J
27.	UNKNOWN C16H12 ISOMER	18.52	10000	J
28.	UNKNOWN PAH, MW 216	21.46	10000	J
29.	UNKNOWN C16H14 ISOMER	20.09	9700	J
30.	UNKNOWN TRIMETHYL NAPHTHALEN	15.68	9500	J

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: STL-CT Contract: _____ Client ID: TP1 (8.0-9.0)

Lab Code: IEACT Case No.: 2477A SDG No.: A2477

Matrix: (soil/water): SOIL Lab Sample ID: 992477A-01

Sample wt/vol: 30.2 (g/ml) G Lab File ID: D5042077

% Moisture: 16 decanted: (Y/N) __ Date Received : 09/25/99

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 09/29/99

Concentrated Extract Volume: 10000 (ul) Date Analyzed : 10/07/99

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: 7.4 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	20.	U
319-85-7	beta-BHC	20.	U
319-86-8	delta-BHC	20.	U
58-89-9	gamma-BHC (Lindane)	20.	U
76-44-8	Heptachlor	20.	U
309-00-2	Aldrin	20.	U
1024-57-3	Heptachlor Epoxide	20.	U
959-98-8	Endosulfan I	20.	U
60-57-1	Dieldrin	39.	U
72-55-9	4,4'-DDE	39.	U
72-20-8	Endrin	39.	U
33213-65-9	Endosulfan II	39.	U
72-54-8	4,4'-DDD	39.	U
1031-07-8	Endosulfan Sulfate	39.	U
50-29-3	4,4'-DDT	5.2	J
72-43-5	Methoxychlor	200	U
53494-70-5	Endrin ketone	39.	U
7421-93-4	Endrin aldehyde	39.	U
5103-71-9	alpha-Chlordane	20.	U
5103-74-2	gamma-Chlordane	4.0	J
8001-35-2	Toxaphene	390	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: STL-CT Contract: _____ Client ID: TP1 (8.0-9.0)

Lab Code: IEACT Case No.: 2477A SDG No.: A2477

Matrix: (soil/water): SOIL Lab Sample ID: 992477A-01

Sample wt/vol: 30.4 (g/ml) G Lab File ID: D4040103

% Moisture: 16 decanted: (Y/N) __ Date Received : 09/25/99

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/28/99

Concentrated Extract Volume: 10000 (ul) Date Analyzed : 10/01/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.4 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	39.	U
11104-28-2	Aroclor-1221	79.	U
11141-16-5	Aroclor-1232	39.	U
53469-21-9	Aroclor-1242	39.	U
12672-29-6	Aroclor-1248	39.	U
11097-69-1	Aroclor-1254	39.	U
11096-82-5	Aroclor-1260	39.	U

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

TP1 (8.0-9.0)

Lab Name: STL Contract: _____

Lab Code: STL Case No.: 2477A SAS No.: _____ SDG No.: A2477

Matrix (soil/water): SOIL Lab Sample ID: 992477A-01

Level (low/med): LOW Date Received: 09/25/99

% Solids: 85.8

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	10000			P
7440-36-0	Antimony	1.4	U	N	P
7440-38-2	Arsenic	1.4	B		P
7440-39-3	Barium	27.4	B		P
7440-41-7	Beryllium	0.57	B		P
7440-43-9	Cadmium	0.20	U		P
7440-70-2	Calcium	2080			P
7440-47-3	Chromium	10.6			P
7440-48-4	Cobalt	5.5	B		P
7440-50-8	Copper	4.7	B		P
7439-89-6	Iron	10600		*	P
7439-92-1	Lead	9.6		*	P
7439-95-4	Magnesium	2250			P
7439-96-5	Manganese	56.1			P
7439-97-6	Mercury	0.014	B		CV
7440-02-0	Nickel	10.8			P
7440-09-7	Potassium	1090			P
7782-49-2	Selenium	1.4		N	P
7440-22-4	Silver	0.20	U		P
7440-23-5	Sodium	105.	B		P
7440-28-0	Thallium	2.0	U		P
7440-62-2	Vanadium	12.4			P
7440-66-6	Zinc	23.3			P
57-12-5	Cyanide				NR

Color Before: BROWN Clarity Before: OPAQUE Texture: _____

Color After: YELLOW Clarity After: CLEAR Artifacts: _____

Comments:

1

WET CHEM ANALYSIS DATA SHEET

SAMPLE NO.

TP1 (8.0-9.0)

Lab Name: STL Contract: _____

Lab Code: STL Case No.: 2477A SAS No.: _____ SDG No.: A2477

Matrix (soil/water): SOIL Lab Sample ID: 992477A-01

% Solids: 85.8 Date Received: 09/25/99

CAS No.	Analyte	Concentration	C	Units	Q	M
57-12-5	Cyanide, Total	0.600	U	mg/Kg	N	L

Comments:

FORM I - WC

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP2 (8.0-9.0)

Lab Name: STL/CT Contract: _____

Lab Code: IEACT Case No.: 2414A SAS No.: _____ SDG No.: A2414

Matrix: (soil/water) SOIL Lab Sample ID: 992414A-09

Sample wt/vol: 2.5 (g/mL) G Lab File ID: >K6624

Level: (low/med) LOW Date Received: 09/25/99

% Moisture: not dec. 15 Date Analyzed: 09/30/99

GC Column: 007-624 ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	24	U
74-83-9	Bromomethane	24	U
75-01-4	Vinyl Chloride	24	U
75-00-3	Chloroethane	24	U
75-09-2	Methylene Chloride	4	J
67-64-1	Acetone	43	B
75-15-0	Carbon Disulfide	24	U
75-35-4	1,1-Dichloroethene	24	U
75-34-3	1,1-Dichloroethane	24	U
540-59-0	1,2-Dichloroethene (total)	24	U
67-66-3	Chloroform	24	U
107-06-2	1,2-Dichloroethane	24	U
78-93-3	2-Butanone	24	U
71-55-6	1,1,1-Trichloroethane	24	U
56-23-5	Carbon Tetrachloride	24	U
75-27-4	Bromodichloromethane	24	U
78-87-5	1,2-Dichloropropane	24	U
10061-01-5	cis-1,3-Dichloropropene	24	U
79-01-6	Trichloroethene	2	J
124-48-1	Dibromochloromethane	24	U
79-00-5	1,1,2-Trichloroethane	24	U
71-43-2	Benzene	24	U
10061-02-6	trans-1,3-Dichloropropene	24	U
75-25-2	Bromoform	24	U
108-10-1	4-Methyl-2-Pentanone	24	U
591-78-6	2-Hexanone	24	U
127-18-4	Tetrachloroethene	13	J
79-34-5	1,1,2,2-Tetrachloroethane	24	U
108-88-3	Toluene	2	J
108-90-7	Chlorobenzene	24	U
100-41-4	Ethylbenzene	6	J
100-42-5	Styrene	24	U
1330-20-7	Xylene (total)	40	

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP2 (8.0-9.0)

Lab Name: STL/CT Contract: _____

Lab Code: IEACT Case No.: 2414A SAS No.: _____ SDG No.: A2414

Matrix: (soil/water) SOIL Lab Sample ID: 992414A-09

Sample wt/vol: 30.1 (g/mL) G Lab File ID: >R4853

Level: (low/med) LOW Date Received: 09/25/99

% Moisture: 15 decanted: (Y/N) N Date Extracted: 09/28/99

Concentrated Extract Volume: 500 (uL) Date Analyzed: 10/29/99

Injection Volume: 2.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 7.3

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
91-20-3	Naphthalene	3900	U
91-57-6	2-Methylnaphthalene	3900	U
208-96-8	Acenaphthylene	900	J
83-32-9	Acenaphthene	8400	
86-73-7	Fluorene	4700	
85-01-8	Phenanthrene	18000	
120-12-7	Anthracene	4200	
206-44-0	Fluoranthene	5800	
129-00-0	Pyrene	9800	
56-55-3	Benzo(a)anthracene	3200	J
218-01-9	Chrysene	3300	J
205-99-2	Benzo(b)fluoranthene	1300	J
207-08-9	Benzo(k)fluoranthene	1800	J
50-32-8	Benzo(a)pyrene	2500	J
193-39-5	Indeno(1,2,3-cd)pyrene	980	J
53-70-3	Dibenzo(a,h)anthracene	330	J
191-24-2	Benzo(g,h,i)perylene	1300	J

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1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

TP2 (8.0-9.0)

Lab Name: STL Contract: _____

Lab Code: STL Case No.: 2414A SAS No.: _____ SDG No.: A2414

Matrix (soil/water): SOIL Lab Sample ID: 992414A-09

Level (low/med): LOW Date Received: 09/25/99

% Solids: 84.3

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	14100		*	P
7440-36-0	Antimony	1.2	U	N	P
7440-38-2	Arsenic	1.4	B		P
7440-39-3	Barium	62.7			P
7440-41-7	Beryllium	0.59	B		P
7440-43-9	Cadmium	0.17	U		P
7440-70-2	Calcium	1490			P
7440-47-3	Chromium	21.5			P
7440-48-4	Cobalt	10.9			P
7440-50-8	Copper	16.1			P
7439-89-6	Iron	17400		*	P
7439-92-1	Lead	38.2		*	P
7439-95-4	Magnesium	3360			P
7439-96-5	Manganese	244.			P
7439-97-6	Mercury	0.051			CV
7440-02-0	Nickel	17.4			P
7440-09-7	Potassium	1560			P
7782-49-2	Selenium	0.86	U		P
7440-22-4	Silver	0.17	U		P
7440-23-5	Sodium	181.	B		P
7440-28-0	Thallium	1.7	U		P
7440-62-2	Vanadium	28.3			P
7440-66-6	Zinc	166.			P
57-12-5	Cyanide				NR

Color Before: BROWN Clarity Before: OPAQUE Texture: _____

Color After: YELLOW Clarity After: CLEAR Artifacts: _____

Comments:

1

WET CHEM ANALYSIS DATA SHEET

SAMPLE NO.

TP2 (8.0-9.0)

Lab Name: STL Contract: _____

Lab Code: STL Case No.: 2414A SAS No.: _____ SDG No.: A2414

Matrix (soil/water): SOIL Lab Sample ID: 992414A-09

% Solids: 0 84.3 Date Received: 09/25/99

CAS No.	Analyte	Concentration	C	Units	Q	M
57-12-5	Cyanide, Total	0.500	U	mg/Kg		L

Comments:

FORM I - WC

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP4 (9.5-10.0)

Lab Name: STL/CT Contract: _____

Lab Code: IEACT Case No.: 2414A SAS No.: _____ SDG No.: A2414

Matrix: (soil/water) SOIL Lab Sample ID: 992414A-04

Sample wt/vol: 1 (g/mL) G Lab File ID: >K6566

Level: (low/med) LOW Date Received: 09/24/99

% Moisture: not dec. 15 Date Analyzed: 09/28/99

GC Column: 007-624 ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	59	U
74-83-9	Bromomethane	59	U
75-01-4	Vinyl Chloride	59	U
75-00-3	Chloroethane	59	U
75-09-2	Methylene Chloride	17	J
67-64-1	Acetone	300	B
75-15-0	Carbon Disulfide	59	U
75-35-4	1,1-Dichloroethene	59	U
75-34-3	1,1-Dichloroethane	59	U
540-59-0	1,2-Dichloroethene (total)	59	U
67-66-3	Chloroform	59	U
107-06-2	1,2-Dichloroethane	59	U
78-93-3	2-Butanone	22	J
71-55-6	1,1,1-Trichloroethane	59	U
56-23-5	Carbon Tetrachloride	59	U
75-27-4	Bromodichloromethane	59	U
78-87-5	1,2-Dichloropropane	59	U
10061-01-5	cis-1,3-Dichloropropene	59	U
79-01-6	Trichloroethene	6	J
124-48-1	Dibromochloromethane	59	U
79-00-5	1,1,2-Trichloroethane	59	U
71-43-2	Benzene	59	U
10061-02-6	trans-1,3-Dichloropropene	59	U
75-25-2	Bromoform	59	U
108-10-1	4-Methyl-2-Pentanone	59	U
591-78-6	2-Hexanone	59	U
127-18-4	Tetrachloroethene	37	J
79-34-5	1,1,2,2-Tetrachloroethane	59	U
108-88-3	Toluene	59	U
108-90-7	Chlorobenzene	5	J
100-41-4	Ethylbenzene	59	U
100-42-5	Styrene	59	U
1330-20-7	Xylene (total)	59	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP4 (9.5-10.0)

Lab Name: STL/CT Contract: _____

Lab Code: IEACT Case No.: 2414A SAS No.: _____ SDG No.: A2414

Matrix: (soil/water) SOIL Lab Sample ID: 992414A-04

Sample wt/vol: 30 (g/mL) G Lab File ID: >R4856

Level: (low/med) LOW Date Received: 09/24/99

% Moisture: 11 decanted: (Y/N) N Date Extracted: 09/28/99

Concentrated Extract Volume: 500 (uL) Date Analyzed: 10/29/99

Injection Volume: 2.0 (uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) Y pH: 8.3

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
91-20-3	Naphthalene	740	U
91-57-6	2-Methylnaphthalene	740	U
208-96-8	Acenaphthylene	440	J
83-32-9	Acenaphthene	2800	
86-73-7	Fluorene	1400	
85-01-8	Phenanthrene	5100	
120-12-7	Anthracene	1200	
206-44-0	Fluoranthene	2000	
129-00-0	Pyrene	3300	
56-55-3	Benzo(a)anthracene	1200	
218-01-9	Chrysene	1100	
205-99-2	Benzo(b)fluoranthene	600	J
207-08-9	Benzo(k)fluoranthene	810	
50-32-8	Benzo(a)pyrene	920	
193-39-5	Indeno(1,2,3-cd)pyrene	620	J
53-70-3	Dibenzo(a,h)anthracene	180	J
191-24-2	Benzo(g,h,i)perylene	900	

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1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

TP4 (9.5-10.0)

Lab Name: STL Contract: _____

Lab Code: STL Case No.: 2414A SAS No.: _____ SDG No.: A2414

Matrix (soil/water): SOIL Lab Sample ID: 992414A-04

Level (low/med): LOW Date Received: 09/24/99

% Solids: 85

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	7290		*	P
7440-36-0	Antimony	1.3	U	N	P
7440-38-2	Arsenic	0.88	B		P
7440-39-3	Barium	33.7	B		P
7440-41-7	Beryllium	0.55	B		P
7440-43-9	Cadmium	0.19	U		P
7440-70-2	Calcium	3800			P
7440-47-3	Chromium	13.4			P
7440-48-4	Cobalt	3.3	B		P
7440-50-8	Copper	10.5			P
7439-89-6	Iron	10200		*	P
7439-92-1	Lead	49.5		*	P
7439-95-4	Magnesium	2310			P
7439-96-5	Manganese	1240			P
7439-97-6	Mercury	0.066			CV
7440-02-0	Nickel	5.6	B		P
7440-09-7	Potassium	965.			P
7782-49-2	Selenium	0.96	U		P
7440-22-4	Silver	0.19	U		P
7440-23-5	Sodium	116.	B		P
7440-28-0	Thallium	1.9	U		P
7440-62-2	Vanadium	15.6			P
7440-66-6	Zinc	52.2			P
57-12-5	Cyanide				NR

Color Before: BROWN Clarity Before: OPAQUE Texture: _____

Color After: YELLOW Clarity After: CLEAR Artifacts: _____

Comments:

1

WET CHEM ANALYSIS DATA SHEET

SAMPLE NO.

TP4 (9.5-10.0)

Lab Name: STL Contract: _____

Lab Code: STL Case No.: 2414A SAS No.: _____ SDG No.: A2414

Matrix (soil/water): SOIL Lab Sample ID: 992414A-04

% Solids: 0 85.0 Date Received: 09/24/99

CAS No.	Analyte	Concentration	C	Units	Q	M
57-12-5	Cyanide, Total	0.500	U	mg/Kg		L

Comments:

FORM I - WC

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP5 (8.5-9.5)

Lab Name: STL/CT Contract: _____

Lab Code: IEACT Case No.: 2414A SAS No.: _____ SDG No.: A2414

Matrix: (soil/water) SOIL Lab Sample ID: 992414A-07

Sample wt/vol: 4 (g/mL) G Lab File ID: >05171

Level: (low/med) MED Date Received: 09/25/99

% Moisture: not dec. 14 Date Analyzed: 09/28/99

GC Column: 007-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 16 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	8700	U
74-83-9	Bromomethane	8700	U
75-01-4	Vinyl Chloride	8700	U
75-00-3	Chloroethane	8700	U
75-09-2	Methylene Chloride	770	J
67-64-1	Acetone	6200	JB
75-15-0	Carbon Disulfide	8700	U
75-35-4	1,1-Dichloroethene	8700	U
75-34-3	1,1-Dichloroethane	8700	U
540-59-0	1,2-Dichloroethene (total)	8700	U
67-66-3	Chloroform	8700	U
107-06-2	1,2-Dichloroethane	8700	U
78-93-3	2-Butanone	4300	JB
71-55-6	1,1,1-Trichloroethane	8700	U
56-23-5	Carbon Tetrachloride	8700	U
75-27-4	Bromodichloromethane	8700	U
78-87-5	1,2-Dichloropropane	8700	U
10061-01-5	cis-1,3-Dichloropropene	8700	U
79-01-6	Trichloroethene	8700	U
124-48-1	Dibromochloromethane	8700	U
79-00-5	1,1,2-Trichloroethane	8700	U
71-43-2	Benzene	320	J
10061-02-6	trans-1,3-Dichloropropene	8700	U
75-25-2	Bromoform	8700	U
108-10-1	4-Methyl-2-Pentanone	8700	U
591-78-6	2-Hexanone	8700	U
127-18-4	Tetrachloroethene	8700	U
79-34-5	1,1,2,2-Tetrachloroethane	8700	U
108-88-3	Toluene	8700	U
108-90-7	Chlorobenzene	8700	U
100-41-4	Ethylbenzene	27000	
100-42-5	Styrene	8700	U
1330-20-7	Xylene (total)	21000	

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP5 (8.5-9.5)

Lab Name: STL/CT Contract: _____

Lab Code: IEACT Case No.: 2414A SAS No.: _____ SDG No.: A2414

Matrix: (soil/water) SOIL Lab Sample ID: 992414A-07

Sample wt/vol: 30 (g/mL) G Lab File ID: >R4833

Level: (low/med) LOW Date Received: 09/25/99

% Moisture: 16 decanted: (Y/N) N Date Extracted: 09/28/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/28/99

Injection Volume: 2.0 (uL) Dilution Factor: 25.0

GPC Cleanup: (Y/N) Y pH: 7.9

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
91-20-3	Naphthalene	130000	B
91-57-6	2-Methylnaphthalene	50000	
208-96-8	Acenaphthylene	4100	J
83-32-9	Acenaphthene	34000	
86-73-7	Fluorene	20000	
85-01-8	Phenanthrene	63000	
120-12-7	Anthracene	19000	J
206-44-0	Fluoranthene	23000	
129-00-0	Pyrene	37000	
56-55-3	Benzo(a)anthracene	16000	J
218-01-9	Chrysene	14000	J
205-99-2	Benzo(b)fluoranthene	6600	J
207-08-9	Benzo(k)fluoranthene	7500	J
50-32-8	Benzo(a)pyrene	12000	J
193-39-5	Indeno(1,2,3-cd)pyrene	4300	J
53-70-3	Dibenzo(a,h)anthracene	1500	J
191-24-2	Benzo(g,h,i)perylene	5500	J

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

TP5 (8.5-9.5)

Lab Name: STL Contract: _____

Lab Code: STL Case No.: 2414A SAS No.: _____ SDG No.: A2414

Matrix (soil/water): SOIL Lab Sample ID: 992414A-07

Level (low/med): LOW Date Received: 09/25/99

% Solids: 84.9

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	10000		*	P
7440-36-0	Antimony	1.6	B	N	P
7440-38-2	Arsenic	1.4	B		P
7440-39-3	Barium	53.9			P
7440-41-7	Beryllium	0.54	B		P
7440-43-9	Cadmium	0.22	U		P
7440-70-2	Calcium	2500			P
7440-47-3	Chromium	16.4			P
7440-48-4	Cobalt	4.5	B		P
7440-50-8	Copper	11.2			P
7439-89-6	Iron	15300		*	P
7439-92-1	Lead	33.1		*	P
7439-95-4	Magnesium	2490			P
7439-96-5	Manganese	252.			P
7439-97-6	Mercury	0.39			CV
7440-02-0	Nickel	10.0			P
7440-09-7	Potassium	1250			P
7782-49-2	Selenium	1.1	U		P
7440-22-4	Silver	0.22	U		P
7440-23-5	Sodium	127.	B		P
7440-28-0	Thallium	2.2	U		P
7440-62-2	Vanadium	19.1			P
7440-66-6	Zinc	55.1			P
57-12-5	Cyanide				NR

Color Before: BROWN Clarity Before: OPAQUE Texture: _____

Color After: YELLOW Clarity After: CLEAR Artifacts: _____

Comments:

1

WET CHEM ANALYSIS DATA SHEET

SAMPLE NO.

TP5 (8.5-9.5)

Lab Name: STL Contract: _____

Lab Code: STL Case No.: 2414A SAS No.: _____ SDG No.: A2414

Matrix (soil/water): SOIL Lab Sample ID: 992414A-07

% Solids: 0 84.9 Date Received: 09/25/99

CAS No.	Analyte	Concentration	C	Units	Q	M
57-12-5	Cyanide, Total	0.500	U	mg/Kg		L

Comments:

FORM I - WC

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP6 (9.5-10.5)

Lab Name: STL/CT Contract: _____

Lab Code: IEACT Case No.: 2414A SAS No.: _____ SDG No.: A2414

Matrix: (soil/water) SOIL Lab Sample ID: 992414A-02

Sample wt/vol: 4 (g/mL) G Lab File ID: >05166

Level: (low/med) MED Date Received: 09/22/99

% Moisture: not dec. 22 Date Analyzed: 09/28/99

GC Column: 007-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 4 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	38000	U
74-83-9	Bromomethane	38000	U
75-01-4	Vinyl Chloride	38000	U
75-00-3	Chloroethane	38000	U
75-09-2	Methylene Chloride	2900	J
67-64-1	Acetone	10000	JB
75-15-0	Carbon Disulfide	38000	U
75-35-4	1,1-Dichloroethene	38000	U
75-34-3	1,1-Dichloroethane	38000	U
540-59-0	1,2-Dichloroethene (total)	38000	U
67-66-3	Chloroform	38000	U
107-06-2	1,2-Dichloroethane	38000	U
78-93-3	2-Butanone	10000	JB
71-55-6	1,1,1-Trichloroethane	38000	U
56-23-5	Carbon Tetrachloride	38000	U
75-27-4	Bromodichloromethane	38000	U
78-87-5	1,2-Dichloropropane	38000	U
10061-01-5	cis-1,3-Dichloropropene	38000	U
79-01-6	Trichloroethene	38000	U
124-48-1	Dibromochloromethane	38000	U
79-00-5	1,1,2-Trichloroethane	38000	U
71-43-2	Benzene	3900	J
10061-02-6	trans-1,3-Dichloropropene	38000	U
75-25-2	Bromoform	38000	U
108-10-1	4-Methyl-2-Pentanone	38000	U
591-78-6	2-Hexanone	38000	U
127-18-4	Tetrachloroethene	38000	U
79-34-5	1,1,2,2-Tetrachloroethane	38000	U
108-88-3	Toluene	38000	U
108-90-7	Chlorobenzene	38000	U
100-41-4	Ethylbenzene	140000	
100-42-5	Styrene	38000	U
1330-20-7	Xylene (total)	95000	

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP6 (9.5-10.5)

Lab Name: STL/CT Contract: _____

Lab Code: IEACT Case No.: 2414A SAS No.: _____ SDG No.: A2414

Matrix: (soil/water) SOIL Lab Sample ID: 992414A-02

Sample wt/vol: 30 (g/mL) G Lab File ID: >R4902

Level: (low/med) LOW Date Received: 09/22/99

% Moisture: 22 decanted: (Y/N) N Date Extracted: 09/27/99

Concentrated Extract Volume: 2000 (uL) Date Analyzed: 11/02/99

Injection Volume: 2.0 (uL) Dilution Factor: 500.0

GPC Cleanup: (Y/N) Y pH: 7.3

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
91-20-3	Naphthalene	5800000	
91-57-6	2-Methylnaphthalene	2200000	
208-96-8	Acenaphthylene	660000	J
83-32-9	Acenaphthene	240000	J
86-73-7	Fluorene	490000	J
85-01-8	Phenanthrene	2200000	
120-12-7	Anthracene	560000	J
206-44-0	Fluoranthene	610000	J
129-00-0	Pyrene	1300000	
56-55-3	Benzo(a)anthracene	360000	J
218-01-9	Chrysene	330000	J
205-99-2	Benzo(b)fluoranthene	120000	J
207-08-9	Benzo(k)fluoranthene	180000	J
50-32-8	Benzo(a)pyrene	340000	J
193-39-5	Indeno(1,2,3-cd)pyrene	110000	J
53-70-3	Dibenzo(a,h)anthracene	34000	J
191-24-2	Benzo(g,h,i)perylene	160000	J

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

TP6 (9.5-10.5)

Lab Name: STL Contract: _____

Lab Code: STL Case No.: 2414A SAS No.: _____ SDG No.: A2414

Matrix (soil/water): SOIL Lab Sample ID: 992414A-02

Level (low/med): LOW Date Received: 09/22/99

% Solids: 74.4

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	5390		*	P
7440-36-0	Antimony	1.0	U	N	P
7440-38-2	Arsenic	2.0			P
7440-39-3	Barium	75.5			P
7440-41-7	Beryllium	0.48	B		P
7440-43-9	Cadmium	0.15	B		P
7440-70-2	Calcium	10100			P
7440-47-3	Chromium	10.9			P
7440-48-4	Cobalt	4.0	B		P
7440-50-8	Copper	27.4			P
7439-89-6	Iron	9880		*	P
7439-92-1	Lead	200.		*	P
7439-95-4	Magnesium	6450			P
7439-96-5	Manganese	209.			P
7439-97-6	Mercury	0.018			CV
7440-02-0	Nickel	9.0			P
7440-09-7	Potassium	1320			P
7782-49-2	Selenium	1.5			P
7440-22-4	Silver	0.15	U		P
7440-23-5	Sodium	150.	B		P
7440-28-0	Thallium	1.5	U		P
7440-62-2	Vanadium	10.7			P
7440-66-6	Zinc	65.4			P
57-12-5	Cyanide				NR

Color Before: BROWN Clarity Before: OPAQUE Texture: _____

Color After: YELLOW Clarity After: CLEAR Artifacts: _____

Comments:

1

WET CHEM ANALYSIS DATA SHEET

SAMPLE NO.

TP6 (9.5-10.5)

Lab Name: STL Contract: _____

Lab Code: STL Case No.: 2414A SAS No.: _____ SDG No.: A2414

Matrix (soil/water): SOIL Lab Sample ID: 992414A-02

% Solids: 0 74.4 Date Received: 09/22/99

CAS No.	Analyte	Concentration	C	Units	Q	M
57-12-5	Cyanide, Total	0.500	U	mg/Kg		L

Comments:

FORM I - WC

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP9 (11-11.5)

Lab Name: STL/CT Contract: _____

Lab Code: IEACT Case No.: 2414A SAS No.: _____ SDG No.: A2414

Matrix: (soil/water) SOIL Lab Sample ID: 992414A-01

Sample wt/vol: 5 (g/mL) G Lab File ID: >K6487

Level: (low/med) LOW Date Received: 09/22/99

% Moisture: not dec. 13 Date Analyzed: 09/22/99

GC Column: 007-624 ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	1	J
67-64-1	Acetone	8	JB
75-15-0	Carbon Disulfide	11	U
75-35-4	1,1-Dichloroethene	11	U
75-34-3	1,1-Dichloroethane	11	U
540-59-0	1,2-Dichloroethene (total)	11	U
67-66-3	Chloroform	11	U
107-06-2	1,2-Dichloroethane	11	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	11	U
56-23-5	Carbon Tetrachloride	11	U
75-27-4	Bromodichloromethane	11	U
78-87-5	1,2-Dichloropropane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
79-01-6	Trichloroethene	11	U
124-48-1	Dibromochloromethane	11	U
79-00-5	1,1,2-Trichloroethane	11	U
71-43-2	Benzene	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
75-25-2	Bromoform	11	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	11	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
108-88-3	Toluene	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	.5	J
100-42-5	Styrene	11	U
1330-20-7	Xylene (total)	3	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP9 (11-11.5)

Lab Name: STL/CT Contract: _____

Lab Code: IEACT Case No.: 2414A SAS No.: _____ SDG No.: A2414

Matrix: (soil/water) SOIL Lab Sample ID: 992414A-01

Sample wt/vol: 30 (g/mL) G Lab File ID: >R4879

Level: (low/med) LOW Date Received: 09/22/99

% Moisture: 16 decanted: (Y/N) N Date Extracted: 09/27/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/01/99

Injection Volume: 2.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 7.7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
91-20-3	Naphthalene	530	J
91-57-6	2-Methylnaphthalene	200	J
208-96-8	Acenaphthylene	1400	J
83-32-9	Acenaphthene	20000	
86-73-7	Fluorene	7400	
85-01-8	Phenanthrene	26000	
120-12-7	Anthracene	9500	
206-44-0	Fluoranthene	18000	
129-00-0	Pyrene	24000	
56-55-3	Benzo(a)anthracene	10000	
218-01-9	Chrysene	10000	
205-99-2	Benzo(b)fluoranthene	5900	
207-08-9	Benzo(k)fluoranthene	6400	
50-32-8	Benzo(a)pyrene	8900	
193-39-5	Indeno(1,2,3-cd)pyrene	3800	J
53-70-3	Dibenzo(a,h)anthracene	1300	J
191-24-2	Benzo(g,h,i)perylene	4200	

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

TP9 (11-11.5)

Lab Name: STL Contract: _____

Lab Code: STL Case No.: 2414A SAS No.: _____ SDG No.: A2414

Matrix (soil/water): SOIL Lab Sample ID: 992414A-01

Level (low/med): LOW Date Received: 09/22/99

% Solids: 85

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	9540		*	P
7440-36-0	Antimony	1.5	B	N	P
7440-38-2	Arsenic	2.3			P
7440-39-3	Barium	57.0			P
7440-41-7	Beryllium	0.56	B		P
7440-43-9	Cadmium	0.17	B		P
7440-70-2	Calcium	2350			P
7440-47-3	Chromium	15.5			P
7440-48-4	Cobalt	6.2	B		P
7440-50-8	Copper	17.7			P
7439-89-6	Iron	16600		*	P
7439-92-1	Lead	55.6		*	P
7439-95-4	Magnesium	2640			P
7439-96-5	Manganese	137.			P
7439-97-6	Mercury	0.084			CV
7440-02-0	Nickel	12.4			P
7440-09-7	Potassium	1110			P
7782-49-2	Selenium	0.88			P
7440-22-4	Silver	0.16	U		P
7440-23-5	Sodium	155.	B		P
7440-28-0	Thallium	1.6	U		P
7440-62-2	Vanadium	18.3			P
7440-66-6	Zinc	126.			P
57-12-5	Cyanide				NR

Color Before: BROWN Clarity Before: OPAQUE Texture: _____

Color After: YELLOW Clarity After: CLEAR Artifacts: _____

Comments:

1

WET CHEM ANALYSIS DATA SHEET

SAMPLE NO.

TP9 (11-11.5)

Lab Name: STL Contract: _____

Lab Code: STL Case No.: 2414A SAS No.: _____ SDG No.: A2414

Matrix (soil/water): SOIL Lab Sample ID: 992414A-01

% Solids: 85.0 Date Received: 09/22/99

CAS No.	Analyte	Concentration	C	Units	Q	M
57-12-5	Cyanide, Total	0.500	U	mg/Kg		L

Comments:

FORM I - WC

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP10 (9.5-10.5)

Lab Name: STL/CT Contract: _____

Lab Code: IEACT Case No.: 2414A SAS No.: _____ SDG No.: A2414

Matrix: (soil/water) SOIL Lab Sample ID: 992414A-03

Sample wt/vol: 5 (g/mL) G Lab File ID: >K6565

Level: (low/med) LOW Date Received: 09/23/99

% Moisture: not dec. 18 Date Analyzed: 09/28/99

GC Column: 007-624 ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	5	J
67-64-1	Acetone	42	B
75-15-0	Carbon Disulfide	12	U
75-35-4	1,1-Dichloroethene	12	U
75-34-3	1,1-Dichloroethane	12	U
540-59-0	1,2-Dichloroethene (total)	12	U
67-66-3	Chloroform	12	U
107-06-2	1,2-Dichloroethane	12	U
78-93-3	2-Butanone	7	J
71-55-6	1,1,1-Trichloroethane	12	U
56-23-5	Carbon Tetrachloride	12	U
75-27-4	Bromodichloromethane	12	U
78-87-5	1,2-Dichloropropane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
79-01-6	Trichloroethene	4	J
124-48-1	Dibromochloromethane	12	U
79-00-5	1,1,2-Trichloroethane	12	U
71-43-2	Benzene	29	
10061-02-6	trans-1,3-Dichloropropene	12	U
75-25-2	Bromoform	12	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	14	
79-34-5	1,1,2,2-Tetrachloroethane	12	U
108-88-3	Toluene	7	J
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	130	
100-42-5	Styrene	12	U
1330-20-7	Xylene (total)	56	

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP10 (9.5-10.5)

Lab Name: STL/CT Contract: _____

Lab Code: IEACT Case No.: 2414A SAS No.: _____ SDG No.: A2414

Matrix: (soil/water) SOIL Lab Sample ID: 992414A-03

Sample wt/vol: 30.1 (g/mL) G Lab File ID: >R4830

Level: (low/med) LOW Date Received: 09/23/99

% Moisture: 21 decanted: (Y/N) N Date Extracted: 09/28/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/28/99

Injection Volume: 2.0 (uL) Dilution Factor: 50.0

GPC Cleanup: (Y/N) Y pH: 6.9

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
91-20-3	Naphthalene	3300	JB
91-57-6	2-Methylnaphthalene	820	J
208-96-8	Acenaphthylene	23000	J
83-32-9	Acenaphthene	110000	
86-73-7	Fluorene	89000	
85-01-8	Phenanthrene	250000	
120-12-7	Anthracene	80000	
206-44-0	Fluoranthene	120000	
129-00-0	Pyrene	140000	
56-55-3	Benzo(a)anthracene	64000	
218-01-9	Chrysene	55000	
205-99-2	Benzo(b)fluoranthene	28000	J
207-08-9	Benzo(k)fluoranthene	40000	J
50-32-8	Benzo(a)pyrene	49000	
193-39-5	Indeno(1,2,3-cd)pyrene	17000	J
53-70-3	Dibenzo(a,h)anthracene	6300	J
191-24-2	Benzo(g,h,i)perylene	18000	J

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

TP10 (9.5-10.5)

Lab Name: STL Contract: _____

Lab Code: STL Case No.: 2414A SAS No.: _____ SDG No.: A2414

Matrix (soil/water): SOIL Lab Sample ID: 992414A-03

Level (low/med): LOW Date Received: 09/23/99

% Solids: 73.9

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	4730		*	P
7440-36-0	Antimony	1.3	U	N	P
7440-38-2	Arsenic	3.4			P
7440-39-3	Barium	35.6	B		P
7440-41-7	Beryllium	0.27	B		P
7440-43-9	Cadmium	0.18	U		P
7440-70-2	Calcium	2310			P
7440-47-3	Chromium	13.1			P
7440-48-4	Cobalt	4.6	B		P
7440-50-8	Copper	11.6			P
7439-89-6	Iron	12700		*	P
7439-92-1	Lead	129.		*	P
7439-95-4	Magnesium	2310			P
7439-96-5	Manganese	71.6			P
7439-97-6	Mercury	0.26			CV
7440-02-0	Nickel	10.6			P
7440-09-7	Potassium	653.	B		P
7782-49-2	Selenium	0.93			P
7440-22-4	Silver	0.18	U		P
7440-23-5	Sodium	173.	B		P
7440-28-0	Thallium	1.8	U		P
7440-62-2	Vanadium	13.5			P
7440-66-6	Zinc	674.			P
57-12-5	Cyanide				NR

Color Before: BROWN Clarity Before: OPAQUE Texture: _____

Color After: YELLOW Clarity After: CLEAR Artifacts: _____

Comments:

1

WET CHEM ANALYSIS DATA SHEET

SAMPLE NO.

TP10 (9.5-10.5)

Lab Name: STL Contract: _____

Lab Code: STL Case No.: 2414A SAS No.: _____ SDG No.: A2414

Matrix (soil/water): SOIL Lab Sample ID: 992414A-03

% Solids: 0 73.1 Date Received: 09/23/99

CAS No.	Analyte	Concentration	C	Units	Q	M
57-12-5	Cyanide, Total	0.500	U	mg/Kg		L

Comments:

FORM I - WC

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP13 (8-9)

Lab Name: STL/CT Contract: _____

Lab Code: IEACT Case No.: 2414A SAS No.: _____ SDG No.: A2414

Matrix: (soil/water) SOIL Lab Sample ID: 992414A-05

Sample wt/vol: 4 (g/mL) G Lab File ID: >O5165

Level: (low/med) MED Date Received: 09/24/99

% Moisture: not dec. 13 Date Analyzed: 09/28/99

GC Column: 007-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 10 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	14000	U
74-83-9	Bromomethane	14000	U
75-01-4	Vinyl Chloride	14000	U
75-00-3	Chloroethane	14000	U
75-09-2	Methylene Chloride	990	J
67-64-1	Acetone	7000	JB
75-15-0	Carbon Disulfide	14000	U
75-35-4	1,1-Dichloroethene	14000	U
75-34-3	1,1-Dichloroethane	14000	U
540-59-0	1,2-Dichloroethene (total)	14000	U
67-66-3	Chloroform	14000	U
107-06-2	1,2-Dichloroethane	14000	U
78-93-3	2-Butanone	5200	JB
71-55-6	1,1,1-Trichloroethane	14000	U
56-23-5	Carbon Tetrachloride	14000	U
75-27-4	Bromodichloromethane	14000	U
78-87-5	1,2-Dichloropropane	14000	U
10061-01-5	cis-1,3-Dichloropropene	14000	U
79-01-6	Trichloroethene	14000	U
124-48-1	Dibromochloromethane	14000	U
79-00-5	1,1,2-Trichloroethane	14000	U
71-43-2	Benzene	14000	U
10061-02-6	trans-1,3-Dichloropropene	14000	U
75-25-2	Bromoform	14000	U
108-10-1	4-Methyl-2-Pentanone	14000	U
591-78-6	2-Hexanone	14000	U
127-18-4	Tetrachloroethene	14000	U
79-34-5	1,1,2,2-Tetrachloroethane	14000	U
108-88-3	Toluene	14000	U
108-90-7	Chlorobenzene	14000	U
100-41-4	Ethylbenzene	380	J
100-42-5	Styrene	14000	U
1330-20-7	Xylene (total)	1800	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP13 (8-9)

Lab Name: STL/CT Contract: _____

Lab Code: IEACT Case No.: 2414A SAS No.: _____ SDG No.: A2414

Matrix: (soil/water) SOIL Lab Sample ID: 992414A-05

Sample wt/vol: 30.1 (g/mL) G Lab File ID: >R4851

Level: (low/med) LOW Date Received: 09/24/99

% Moisture: 16 decanted: (Y/N) N Date Extracted: 09/28/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/29/99

Injection Volume: 2.0 (uL) Dilution Factor: 50.0

GPC Cleanup: (Y/N) Y pH: 7.7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
91-20-3	Naphthalene	200000	B
91-57-6	2-Methylnaphthalene	100000	
208-96-8	Acenaphthylene	17000	J
83-32-9	Acenaphthene	10000	J
86-73-7	Fluorene	36000	J
85-01-8	Phenanthrene	110000	
120-12-7	Anthracene	33000	J
206-44-0	Fluoranthene	40000	
129-00-0	Pyrene	58000	
56-55-3	Benzo(a)anthracene	22000	J
218-01-9	Chrysene	21000	J
205-99-2	Benzo(b)fluoranthene	10000	J
207-08-9	Benzo(k)fluoranthene	14000	J
50-32-8	Benzo(a)pyrene	21000	J
193-39-5	Indeno(1,2,3-cd)pyrene	7800	J
53-70-3	Dibenzo(a,h)anthracene	2600	J
191-24-2	Benzo(g,h,i)perylene	9100	J

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

TP13 (8-9)

Lab Name: STL Contract: _____

Lab Code: STL Case No.: 2414A SAS No.: _____ SDG No.: A2414

Matrix (soil/water): SOIL Lab Sample ID: 992414A-05

Level (low/med): LOW Date Received: 09/24/99

% Solids: 83.6

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	8940		*	P
7440-36-0	Antimony	1.0	U	N	P
7440-38-2	Arsenic	1.2	B		P
7440-39-3	Barium	49.2			P
7440-41-7	Beryllium	0.38	B		P
7440-43-9	Cadmium	0.14	U		P
7440-70-2	Calcium	1930			P
7440-47-3	Chromium	12.1			P
7440-48-4	Cobalt	4.0	B		P
7440-50-8	Copper	8.9			P
7439-89-6	Iron	11600		*	P
7439-92-1	Lead	42.1		*	P
7439-95-4	Magnesium	1970			P
7439-96-5	Manganese	106.			P
7439-97-6	Mercury	0.044			CV
7440-02-0	Nickel	10.8			P
7440-09-7	Potassium	868.			P
7782-49-2	Selenium	0.73			P
7440-22-4	Silver	0.14	U		P
7440-23-5	Sodium	100.	B		P
7440-28-0	Thallium	1.4	U		P
7440-62-2	Vanadium	13.2			P
7440-66-6	Zinc	53.3			P
57-12-5	Cyanide				NR

Color Before: BROWN Clarity Before: OPAQUE Texture: _____

Color After: YELLOW Clarity After: CLEAR Artifacts: _____

Comments:

1

WET CHEM ANALYSIS DATA SHEET

SAMPLE NO.

TP13 (8-9)

Lab Name: STL Contract: _____

Lab Code: STL Case No.: 2414A SAS No.: _____ SDG No.: A2414

Matrix (soil/water): SOIL Lab Sample ID: 992414A-05

% Solids: 0 83.6 Date Received: 09/24/99

CAS No.	Analyte	Concentration	C	Units	Q	M
57-12-5	Cyanide, Total	0.500	U	mg/Kg		L

Comments:

FORM I - WC

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP14 (9.0-10.0)

Lab Name: STL/CT Contract: _____

Lab Code: IEACT Case No.: 2414A SAS No.: _____ SDG No.: A2414

Matrix: (soil/water) SOIL Lab Sample ID: 992414A-10

Sample wt/vol: 4 (g/mL) G Lab File ID: >O5218

Level: (low/med) MED Date Received: 09/25/99

% Moisture: not dec. 20 Date Analyzed: 09/30/99

GC Column: 007-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	1500	U
74-83-9	Bromomethane	1500	U
75-01-4	Vinyl Chloride	1500	U
75-00-3	Chloroethane	1500	U
75-09-2	Methylene Chloride	86	J
67-64-1	Acetone	410	JB
75-15-0	Carbon Disulfide	1500	U
75-35-4	1,1-Dichloroethene	1500	U
75-34-3	1,1-Dichloroethane	1500	U
540-59-0	1,2-Dichloroethene (total)	1500	U
67-66-3	Chloroform	1500	U
107-06-2	1,2-Dichloroethane	1500	U
78-93-3	2-Butanone	2800	B
71-55-6	1,1,1-Trichloroethane	1500	U
56-23-5	Carbon Tetrachloride	1500	U
75-27-4	Bromodichloromethane	1500	U
78-87-5	1,2-Dichloropropane	1500	U
10061-01-5	cis-1,3-Dichloropropene	1500	U
79-01-6	Trichloroethene	1500	U
124-48-1	Dibromochloromethane	1500	U
79-00-5	1,1,2-Trichloroethane	1500	U
71-43-2	Benzene	1500	U
10061-02-6	trans-1,3-Dichloropropene	1500	U
75-25-2	Bromoform	1500	U
108-10-1	4-Methyl-2-Pentanone	1500	U
591-78-6	2-Hexanone	1500	U
127-18-4	Tetrachloroethene	1500	U
79-34-5	1,1,2,2-Tetrachloroethane	1500	U
108-88-3	Toluene	1500	U
108-90-7	Chlorobenzene	1500	U
100-41-4	Ethylbenzene	650	J
100-42-5	Styrene	1500	U
1330-20-7	Xylene (total)	460	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP14 (9.0-10.0)

Lab Name: STL/CT Contract: _____

Lab Code: IEACT Case No.: 2414A SAS No.: _____ SDG No.: A2414

Matrix: (soil/water) SOIL Lab Sample ID: 992414A-10

Sample wt/vol: 30 (g/mL) G Lab File ID: >R4854

Level: (low/med) LOW Date Received: 09/25/99

% Moisture: 19 decanted: (Y/N) N Date Extracted: 09/28/99

Concentrated Extract Volume: 500 (uL) Date Analyzed: 10/29/99

Injection Volume: 2.0 (uL) Dilution Factor: 4.0

GPC Cleanup: (Y/N) Y pH: 8.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
91-20-3	Naphthalene	1700	B
91-57-6	2-Methylnaphthalene	180	J
208-96-8	Acenaphthylene	890	J
83-32-9	Acenaphthene	3200	
86-73-7	Fluorene	2300	
85-01-8	Phenanthrene	7300	
120-12-7	Anthracene	1600	
206-44-0	Fluoranthene	2300	
129-00-0	Pyrene	3800	
56-55-3	Benzo(a)anthracene	1400	J
218-01-9	Chrysene	1300	J
205-99-2	Benzo(b)fluoranthene	520	J
207-08-9	Benzo(k)fluoranthene	740	J
50-32-8	Benzo(a)pyrene	1100	J
193-39-5	Indeno(1,2,3-cd)pyrene	430	J
53-70-3	Dibenzo(a,h)anthracene	150	J
191-24-2	Benzo(g,h,i)perylene	620	J

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1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

TP14 (9.0-10.0)

Lab Name: STL Contract: _____

Lab Code: STL Case No.: 2414A SAS No.: _____ SDG No.: A2414

Matrix (soil/water): SOIL Lab Sample ID: 992414A-10

Level (low/med): LOW Date Received: 09/25/99

% Solids: 82.5

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	16600		*	P
7440-36-0	Antimony	1.6	B	N	P
7440-38-2	Arsenic	1.1	B		P
7440-39-3	Barium	109.			P
7440-41-7	Beryllium	2.4			P
7440-43-9	Cadmium	0.15	U		P
7440-70-2	Calcium	5180			P
7440-47-3	Chromium	35.9			P
7440-48-4	Cobalt	13.8			P
7440-50-8	Copper	11.1			P
7439-89-6	Iron	35800		*	P
7439-92-1	Lead	34.7		*	P
7439-95-4	Magnesium	8290			P
7439-96-5	Manganese	348.			P
7439-97-6	Mercury	0.0081			CV
7440-02-0	Nickel	31.8			P
7440-09-7	Potassium	5150			P
7782-49-2	Selenium	2.0			P
7440-22-4	Silver	0.15	U		P
7440-23-5	Sodium	248.	B		P
7440-28-0	Thallium	2.0			P
7440-62-2	Vanadium	31.4			P
7440-66-6	Zinc	89.2			P
57-12-5	Cyanide				NR

Color Before: BROWN Clarity Before: OPAQUE Texture: _____

Color After: YELLOW Clarity After: CLEAR Artifacts: _____

Comments:

1

WET CHEM ANALYSIS DATA SHEET

SAMPLE NO.

TP14 (9.0-10.0)

Lab Name: STL Contract: _____

Lab Code: STL Case No.: 2414A SAS No.: _____ SDG No.: A2414

Matrix (soil/water): SOIL Lab Sample ID: 992414A-10

% Solids: 0 92.5 Date Received: 09/25/99

CAS No.	Analyte	Concentration	C	Units	Q	M
57-12-5	Cyanide, Total	0.500	U	mg/Kg		L

Comments:

FORM I - WC

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP14 HLDR B

Lab Name: STL/CT Contract: _____

Lab Code: IEACT Case No.: 2414A SAS No.: _____ SDG No.: A2414

Matrix: (soil/water) SOIL Lab Sample ID: 992414A-14

Sample wt/vol: 4 (g/mL) G Lab File ID: >05233

Level: (low/med) MED Date Received: 09/27/99

% Moisture: not dec. 20 Date Analyzed: 10/01/99

GC Column: 007-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	1500	U
74-83-9	Bromomethane	1500	U
75-01-4	Vinyl Chloride	1500	U
75-00-3	Chloroethane	1500	U
75-09-2	Methylene Chloride	88	J
67-64-1	Acetone	640	JB
75-15-0	Carbon Disulfide	1500	U
75-35-4	1,1-Dichloroethene	1500	U
75-34-3	1,1-Dichloroethane	1500	U
540-59-0	1,2-Dichloroethene (total)	1500	U
67-66-3	Chloroform	1500	U
107-06-2	1,2-Dichloroethane	1500	U
78-93-3	2-Butanone	1900	B
71-55-6	1,1,1-Trichloroethane	1500	U
56-23-5	Carbon Tetrachloride	1500	U
75-27-4	Bromodichloromethane	1500	U
78-87-5	1,2-Dichloropropane	1500	U
10061-01-5	cis-1,3-Dichloropropene	1500	U
79-01-6	Trichloroethene	1500	U
124-48-1	Dibromochloromethane	1500	U
79-00-5	1,1,2-Trichloroethane	1500	U
71-43-2	Benzene	77	J
10061-02-6	trans-1,3-Dichloropropene	1500	U
75-25-2	Bromoform	1500	U
108-10-1	4-Methyl-2-Pentanone	1500	U
591-78-6	2-Hexanone	1500	U
127-18-4	Tetrachloroethene	1500	U
79-34-5	1,1,2,2-Tetrachloroethane	1500	U
108-88-3	Toluene	42	J
108-90-7	Chlorobenzene	1500	U
100-41-4	Ethylbenzene	57	J
100-42-5	Styrene	1500	U
1330-20-7	Xylene (total)	220	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP14 HLDR B

Lab Name: STL/CT Contract: _____

Lab Code: IEACT Case No.: 2414A SAS No.: _____ SDG No.: A2414

Matrix: (soil/water) SOIL Lab Sample ID: 992414A-14

Sample wt/vol: 30.1 (g/mL) G Lab File ID: >R4857

Level: (low/med) LOW Date Received: 09/27/99

% Moisture: 20 decanted: (Y/N) N Date Extracted: 09/28/99

Concentrated Extract Volume: 500 (uL) Date Analyzed: 10/29/99

Injection Volume: 2.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 7.5

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
91-20-3	Naphthalene	2000	U
91-57-6	2-Methylnaphthalene	2000	U
208-96-8	Acenaphthylene	2500	
83-32-9	Acenaphthene	3500	
86-73-7	Fluorene	3400	
85-01-8	Phenanthrene	1500	J
120-12-7	Anthracene	2400	
206-44-0	Fluoranthene	6500	
129-00-0	Pyrene	9700	
56-55-3	Benzo(a)anthracene	4000	
218-01-9	Chrysene	4100	
205-99-2	Benzo(b)fluoranthene	3100	
207-08-9	Benzo(k)fluoranthene	3500	
50-32-8	Benzo(a)pyrene	3900	
193-39-5	Indeno(1,2,3-cd)pyrene	3400	
53-70-3	Dibenzo(a,h)anthracene	1200	J
191-24-2	Benzo(g,h,i)perylene	4600	

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

TP14 HLDR B

Lab Name: STL Contract: _____

Lab Code: STL Case No.: 2414A SAS No.: _____ SDG No.: A2414

Matrix (soil/water): SOIL Lab Sample ID: 992414A-14

Level (low/med): LOW Date Received: 09/27/99

% Solids: 77.7

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1760		*	P
7440-36-0	Antimony	1.6	U	N	P
7440-38-2	Arsenic	1.9	B		P
7440-39-3	Barium	40.2	B		P
7440-41-7	Beryllium	0.23	U		P
7440-43-9	Cadmium	0.23	U		P
7440-70-2	Calcium	1500			P
7440-47-3	Chromium	4.8			P
7440-48-4	Cobalt	4.8	B		P
7440-50-8	Copper	16.4			P
7439-89-6	Iron	5690		*	P
7439-92-1	Lead	22.2		*	P
7439-95-4	Magnesium	332.	B		P
7439-96-5	Manganese	66.6			P
7439-97-6	Mercury	0.055			CV
7440-02-0	Nickel	9.9			P
7440-09-7	Potassium	356.	B		P
7782-49-2	Selenium	1.8			P
7440-22-4	Silver	0.23	U		P
7440-23-5	Sodium	236.	B		P
7440-28-0	Thallium	2.3	U		P
7440-62-2	Vanadium	6.7	B		P
7440-66-6	Zinc	32.4			P
57-12-5	Cyanide				NR

Color Before: BROWN Clarity Before: OPAQUE Texture: _____

Color After: YELLOW Clarity After: CLEAR Artifacts: _____

Comments:

1

WET CHEM ANALYSIS DATA SHEET

SAMPLE NO.

TP14 HLDR B

Lab Name: STL Contract: _____

Lab Code: STL Case No.: 2414A SAS No.: _____ SDG No.: A2414

Matrix (soil/water): SOIL Lab Sample ID: 992414A-14

% Solids: 0 77.7 Date Received: 09/27/99

CAS No.	Analyte	Concentration	C	Units	Q	M
57-12-5	Cyanide, Total	0.500	U	mg/Kg		L

Comments:

FORM I - WC

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP15 (9.0-10.0)

Lab Name: STL/CT Contract: _____

Lab Code: IEACT Case No.: 2414A SAS No.: _____ SDG No.: A2414

Matrix: (soil/water) SOIL Lab Sample ID: 992414A-08

Sample wt/vol: 1 (g/mL) G Lab File ID: >K6620

Level: (low/med) LOW Date Received: 09/25/99

% Moisture: not dec. 13 Date Analyzed: 09/30/99

GC Column: 007-624 ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	57	U
74-83-9	Bromomethane	57	U
75-01-4	Vinyl Chloride	57	U
75-00-3	Chloroethane	57	U
75-09-2	Methylene Chloride	9	J
67-64-1	Acetone	96	B
75-15-0	Carbon Disulfide	57	U
75-35-4	1,1-Dichloroethene	57	U
75-34-3	1,1-Dichloroethane	57	U
540-59-0	1,2-Dichloroethene (total)	57	U
67-66-3	Chloroform	57	U
107-06-2	1,2-Dichloroethane	57	U
78-93-3	2-Butanone	23	JB
71-55-6	1,1,1-Trichloroethane	57	U
56-23-5	Carbon Tetrachloride	57	U
75-27-4	Bromodichloromethane	57	U
78-87-5	1,2-Dichloropropane	57	U
10061-01-5	cis-1,3-Dichloropropene	57	U
79-01-6	Trichloroethene	3	J
124-48-1	Dibromochloromethane	57	U
79-00-5	1,1,2-Trichloroethane	57	U
71-43-2	Benzene	57	U
10061-02-6	trans-1,3-Dichloropropene	57	U
75-25-2	Bromoform	57	U
108-10-1	4-Methyl-2-Pentanone	57	U
591-78-6	2-Hexanone	57	U
127-18-4	Tetrachloroethene	22	J
79-34-5	1,1,2,2-Tetrachloroethane	57	U
108-88-3	Toluene	57	U
108-90-7	Chlorobenzene	57	U
100-41-4	Ethylbenzene	220	
100-42-5	Styrene	57	U
1330-20-7	Xylene (total)	170	

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP15 (9.0-10.0)

Lab Name: STL/CT Contract: _____

Lab Code: IEACT Case No.: 2414A SAS No.: _____ SDG No.: A2414

Matrix: (soil/water) SOIL Lab Sample ID: 992414A-08

Sample wt/vol: 30 (g/mL) G Lab File ID: >R4852

Level: (low/med) LOW Date Received: 09/25/99

% Moisture: 14 decanted: (Y/N) N Date Extracted: 09/28/99

Concentrated Extract Volume: 500 (uL) Date Analyzed: 10/29/99

Injection Volume: 2.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 8.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
91-20-3	Naphthalene	8400	B
91-57-6	2-Methylnaphthalene	10000	
208-96-8	Acenaphthylene	720	J
83-32-9	Acenaphthene	5400	
86-73-7	Fluorene	3200	
85-01-8	Phenanthrene	10000	
120-12-7	Anthracene	2800	
206-44-0	Fluoranthene	3000	
129-00-0	Pyrene	5000	
56-55-3	Benzo(a)anthracene	1800	J
218-01-9	Chrysene	1700	J
205-99-2	Benzo(b)fluoranthene	650	J
207-08-9	Benzo(k)fluoranthene	710	J
50-32-8	Benzo(a)pyrene	1200	J
193-39-5	Indeno(1,2,3-cd)pyrene	430	J
53-70-3	Dibenzo(a,h)anthracene	160	J
191-24-2	Benzo(g,h,i)perylene	570	J

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

TP15 (9.0-10.0)

Lab Name: STL Contract: _____

Lab Code: STL Case No.: 2414A SAS No.: _____ SDG No.: A2414

Matrix (soil/water): SOIL Lab Sample ID: 992414A-08

Level (low/med): LOW Date Received: 09/25/99

% Solids: 83

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	13400		*	P
7440-36-0	Antimony	1.2	U	N	P
7440-38-2	Arsenic	0.72	B		P
7440-39-3	Barium	70.0			P
7440-41-7	Beryllium	1.6			P
7440-43-9	Cadmium	0.17	U		P
7440-70-2	Calcium	2850			P
7440-47-3	Chromium	25.0			P
7440-48-4	Cobalt	9.8			P
7440-50-8	Copper	11.7			P
7439-89-6	Iron	24600		*	P
7439-92-1	Lead	18.2		*	P
7439-95-4	Magnesium	5110			P
7439-96-5	Manganese	343.			P
7439-97-6	Mercury	0.0088			CV
7440-02-0	Nickel	20.7			P
7440-09-7	Potassium	2840			P
7782-49-2	Selenium	1.3			P
7440-22-4	Silver	0.17	U		P
7440-23-5	Sodium	174.	B		P
7440-28-0	Thallium	2.0			P
7440-62-2	Vanadium	28.9			P
7440-66-6	Zinc	55.2			P
57-12-5	Cyanide				NR

Color Before: BROWN Clarity Before: OPAQUE Texture: _____

Color After: YELLOW Clarity After: CLEAR Artifacts: _____

Comments:

1

WET CHEM ANALYSIS DATA SHEET

SAMPLE NO.

TP15 (9.0-10.0)

Lab Name: STL Contract: _____

Lab Code: STL Case No.: 2414A SAS No.: _____ SDG No.: A2414

Matrix (soil/water): SOIL Lab Sample ID: 992414A-08

% Solids: 0 83.0 Date Received: 09/25/99

CAS No.	Analyte	Concentration	C	Units	Q	M
57-12-5	Cyanide, Total.	0.500	U	mg/Kg		L

Comments:

FORM I - WC

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP20 (6.5-7.0)

Lab Name: STL/CT Contract: _____

Lab Code: IEACT Case No.: 2414A SAS No.: _____ SDG No.: A2414

Matrix: (soil/water) SOIL Lab Sample ID: 992414A-13

Sample wt/vol: 4 (g/mL) G Lab File ID: >05219

Level: (low/med) MED Date Received: 09/27/99

% Moisture: not dec. 20 Date Analyzed: 09/30/99

GC Column: 007-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	1500	U
74-83-9	Bromomethane	1500	U
75-01-4	Vinyl Chloride	1500	U
75-00-3	Chloroethane	1500	U
75-09-2	Methylene Chloride	110	J
67-64-1	Acetone	370	JB
75-15-0	Carbon Disulfide	1500	U
75-35-4	1,1-Dichloroethene	1500	U
75-34-3	1,1-Dichloroethane	1500	U
540-59-0	1,2-Dichloroethene (total)	1500	U
67-66-3	Chloroform	1500	U
107-06-2	1,2-Dichloroethane	1500	U
78-93-3	2-Butanone	1600	B
71-55-6	1,1,1-Trichloroethane	1500	U
56-23-5	Carbon Tetrachloride	1500	U
75-27-4	Bromodichloromethane	1500	U
78-87-5	1,2-Dichloropropane	1500	U
10061-01-5	cis-1,3-Dichloropropene	1500	U
79-01-6	Trichloroethene	1500	U
124-48-1	Dibromochloromethane	1500	U
79-00-5	1,1,2-Trichloroethane	1500	U
71-43-2	Benzene	1500	U
10061-02-6	trans-1,3-Dichloropropene	1500	U
75-25-2	Bromoform	1500	U
108-10-1	4-Methyl-2-Pentanone	1500	U
591-78-6	2-Hexanone	1500	U
127-18-4	Tetrachloroethene	1500	U
79-34-5	1,1,2,2-Tetrachloroethane	1500	U
108-88-3	Toluene	69	J
108-90-7	Chlorobenzene	1500	U
100-41-4	Ethylbenzene	190	J
100-42-5	Styrene	1500	U
1330-20-7	Xylene (total)	3300	

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP20 (6.5-7.0)

Lab Name: STL/CT Contract: _____

Lab Code: IEACT Case No.: 2414A SAS No.: _____ SDG No.: A2414

Matrix: (soil/water) SOIL Lab Sample ID: 992414A-13

Sample wt/vol: 30.1 (g/mL) G Lab File ID: >R4855

Level: (low/med) LOW Date Received: 09/27/99

% Moisture: 20 decanted: (Y/N) N Date Extracted: 09/28/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/29/99

Injection Volume: 2.0 (uL) Dilution Factor: 100.0

GPC Cleanup: (Y/N) Y pH: 7.3

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
91-20-3	Naphthalene	440000	B
91-57-6	2-Methylnaphthalene	270000	
208-96-8	Acenaphthylene	55000	J
83-32-9	Acenaphthene	11000	J
86-73-7	Fluorene	56000	J
85-01-8	Phenanthrene	260000	
120-12-7	Anthracene	65000	J
206-44-0	Fluoranthene	91000	
129-00-0	Pyrene	190000	
56-55-3	Benzo(a)anthracene	54000	J
218-01-9	Chrysene	51000	J
205-99-2	Benzo(b)fluoranthene	26000	J
207-08-9	Benzo(k)fluoranthene	29000	J
50-32-8	Benzo(a)pyrene	59000	J
193-39-5	Indeno(1,2,3-cd)pyrene	21000	J
53-70-3	Dibenzo(a,h)anthracene	7300	J
191-24-2	Benzo(g,h,i)perylene	32000	J

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

TP20 (6.5-7.0)

Lab Name: STL Contract: _____

Lab Code: STL Case No.: 2414A SAS No.: _____ SDG No.: A2414

Matrix (soil/water): SOIL Lab Sample ID: 992414A-13

Level (low/med): LOW Date Received: 09/27/99

% Solids: 79.4

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	9380		*	P
7440-36-0	Antimony	1.3	U	N	P
7440-38-2	Arsenic	1.1	B		P
7440-39-3	Barium	34.8	B		P
7440-41-7	Beryllium	0.62	B		P
7440-43-9	Cadmium	0.19	U		P
7440-70-2	Calcium	2440			P
7440-47-3	Chromium	17.1			P
7440-48-4	Cobalt	3.5	B		P
7440-50-8	Copper	6.2			P
7439-89-6	Iron	13800		*	P
7439-92-1	Lead	40.7		*	P
7439-95-4	Magnesium	2610			P
7439-96-5	Manganese	362.			P
7439-97-6	Mercury	0.039			CV
7440-02-0	Nickel	7.8			P
7440-09-7	Potassium	1300			P
7782-49-2	Selenium	0.95	U		P
7440-22-4	Silver	0.19	U		P
7440-23-5	Sodium	114.	B		P
7440-28-0	Thallium	1.9	U		P
7440-62-2	Vanadium	16.0			P
7440-66-6	Zinc	46.5			P
57-12-5	Cyanide				NR

Color Before: BROWN Clarity Before: OPAQUE Texture: _____

Color After: YELLOW Clarity After: CLEAR Artifacts: _____

Comments:

1

WET CHEM ANALYSIS DATA SHEET

SAMPLE NO.

TP20 (6.5-7.0)

Lab Name: STL Contract: _____

Lab Code: STL Case No.: 2414A SAS No.: _____ SDG No.: A2414

Matrix (soil/water): SOIL Lab Sample ID: 992414A-13

% Solids: 0 79.4 Date Received: 09/27/99

CAS No.	Analyte	Concentration	C	Units	Q	M
57-12-5	Cyanide, Total	0.500	U	mg/Kg		L

Comments:

FORM I - WC

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB1 (10-12)

Lab Name: STL/CT Contract: _____

Lab Code: IEACT Case No.: 2414A SAS No.: _____ SDG No.: A2414

Matrix: (soil/water) SOIL Lab Sample ID: 992414A-16

Sample wt/vol: 5 (g/mL) G Lab File ID: >K6742

Level: (low/med) LOW Date Received: 09/30/99

% Moisture: not dec. 10 Date Analyzed: 10/05/99

GC Column: 007-624 ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	11	U
67-64-1	Acetone	10	JB
75-15-0	Carbon Disulfide	11	U
75-35-4	1,1-Dichloroethene	11	U
75-34-3	1,1-Dichloroethane	11	U
540-59-0	1,2-Dichloroethene (total)	11	U
67-66-3	Chloroform	11	U
107-06-2	1,2-Dichloroethane	11	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	11	U
56-23-5	Carbon Tetrachloride	11	U
75-27-4	Bromodichloromethane	11	U
78-87-5	1,2-Dichloropropane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
79-01-6	Trichloroethene	11	U
124-48-1	Dibromochloromethane	11	U
79-00-5	1,1,2-Trichloroethane	11	U
71-43-2	Benzene	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
75-25-2	Bromoform	11	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	5	J
79-34-5	1,1,2,2-Tetrachloroethane	11	U
108-88-3	Toluene	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
100-42-5	Styrene	11	U
1330-20-7	Xylene (total)	11	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB1 (10-12)

Lab Name: STL/CT Contract: _____

Lab Code: IEACT Case No.: 2414A SAS No.: _____ SDG No.: A2414

Matrix: (soil/water) SOIL Lab Sample ID: 992414A-16

Sample wt/vol: 30 (g/mL) G Lab File ID: >R4723

Level: (low/med) LOW Date Received: 09/30/99

% Moisture: 11 decanted: (Y/N) N Date Extracted: 10/05/99

Concentrated Extract Volume: 500 (uL) Date Analyzed: 10/20/99

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
91-20-3	Naphthalene	620	
91-57-6	2-Methylnaphthalene	1200	
208-96-8	Acenaphthylene	370	U
83-32-9	Acenaphthene	440	
86-73-7	Fluorene	560	
85-01-8	Phenanthrene	1800	
120-12-7	Anthracene	370	
206-44-0	Fluoranthene	440	
129-00-0	Pyrene	840	
56-55-3	Benzo(a)anthracene	300	J
218-01-9	Chrysene	320	J
205-99-2	Benzo(b)fluoranthene	96	J
207-08-9	Benzo(k)fluoranthene	110	J
50-32-8	Benzo(a)pyrene	160	J
193-39-5	Indeno(1,2,3-cd)pyrene	62	J
53-70-3	Dibenzo(a,h)anthracene	27	J
191-24-2	Benzo(g,h,i)perylene	83	J

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SB1 (10-12)

Lab Name: STL Contract: _____

Lab Code: STL Case No.: 2414A SAS No.: _____ SDG No.: A2414

Matrix (soil/water): SOIL Lab Sample ID: 992414A-16

Level (low/med): LOW Date Received: 09/30/99

% Solids: 90.2

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	8360		*	P
7440-36-0	Antimony	1.1	U	N	P
7440-38-2	Arsenic	0.65	U		P
7440-39-3	Barium	29.5	B		P
7440-41-7	Beryllium	0.72	B		P
7440-43-9	Cadmium	0.16	U		P
7440-70-2	Calcium	1840			P
7440-47-3	Chromium	10.5			P
7440-48-4	Cobalt	3.2	B		P
7440-50-8	Copper	4.1			P
7439-89-6	Iron	8400		*	P
7439-92-1	Lead	8.4		*	P
7439-95-4	Magnesium	2300			P
7439-96-5	Manganese	1340			P
7439-97-6	Mercury	0.0040	B		CV
7440-02-0	Nickel	7.3			P
7440-09-7	Potassium	2310			P
7782-49-2	Selenium	0.82	U		P
7440-22-4	Silver	0.16	U		P
7440-23-5	Sodium	167.	B		P
7440-28-0	Thallium	1.6	U		P
7440-62-2	Vanadium	13.9			P
7440-66-6	Zinc	40.9			P
57-12-5	Cyanide				NR

Color Before: BROWN Clarity Before: OPAQUE Texture: _____

Color After: YELLOW Clarity After: CLEAR Artifacts: _____

Comments:

1

WET CHEM ANALYSIS DATA SHEET

SAMPLE NO.

SB1 (10-12)

Lab Name: STL Contract: _____

Lab Code: STL Case No.: 2414A SAS No.: _____ SDG No.: A2414

Matrix (soil/water): SOIL Lab Sample ID: 992414A-16

% Solids: 0 90.2 Date Received: 09/30/99

CAS No.	Analyte	Concentration	C	Units	Q	M
57-12-5	Cyanide, Total	0.500	U	mg/Kg		L

Comments:

FORM I - WC

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB2 (8.5-10.0)

Lab Name: STL/CT Contract: _____

Lab Code: IEACT Case No.: 2414A SAS No.: _____ SDG No.: A2414

Matrix: (soil/water) SOIL Lab Sample ID: 992414A-15

Sample wt/vol: 4 (g/mL) G Lab File ID: >K6716

Level: (low/med) MED Date Received: 09/30/99

% Moisture: not dec. 12 Date Analyzed: 10/04/99

GC Column: 007-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	1400	U
74-83-9	Bromomethane	1400	U
75-01-4	Vinyl Chloride	1400	U
75-00-3	Chloroethane	1400	U
75-09-2	Methylene Chloride	100	J
67-64-1	Acetone	1400	
75-15-0	Carbon Disulfide	1400	U
75-35-4	1,1-Dichloroethene	1400	U
75-34-3	1,1-Dichloroethane	1400	U
540-59-0	1,2-Dichloroethene (total)	1400	U
67-66-3	Chloroform	1400	U
107-06-2	1,2-Dichloroethane	1400	U
78-93-3	2-Butanone	1900	
71-55-6	1,1,1-Trichloroethane	1400	U
56-23-5	Carbon Tetrachloride	1400	U
75-27-4	Bromodichloromethane	1400	U
78-87-5	1,2-Dichloropropane	1400	U
10061-01-5	cis-1,3-Dichloropropene	1400	U
79-01-6	Trichloroethene	1400	U
124-48-1	Dibromochloromethane	1400	U
79-00-5	1,1,2-Trichloroethane	1400	U
71-43-2	Benzene	1400	U
10061-02-6	trans-1,3-Dichloropropene	1400	U
75-25-2	Bromoform	1400	U
108-10-1	4-Methyl-2-Pentanone	1400	U
591-78-6	2-Hexanone	1400	U
127-18-4	Tetrachloroethene	33	J
79-34-5	1,1,2,2-Tetrachloroethane	1400	U
108-88-3	Toluene	1400	U
108-90-7	Chlorobenzene	45	J
100-41-4	Ethylbenzene	1400	U
100-42-5	Styrene	1400	U
1330-20-7	Xylene (total)	1400	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB2 (8.5-10.0)

Lab Name: STL/CT Contract: _____

Lab Code: IEACT Case No.: 2414A SAS No.: _____ SDG No.: A2414

Matrix: (soil/water) SOIL Lab Sample ID: 992414A-15

Sample wt/vol: 30 (g/mL) G Lab File ID: >R4722

Level: (low/med) LOW Date Received: 09/30/99

% Moisture: 20 decanted: (Y/N) N Date Extracted: 10/05/99

Concentrated Extract Volume: 500 (uL) Date Analyzed: 10/20/99

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.6

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
91-20-3	Naphthalene	410	U
91-57-6	2-Methylnaphthalene	410	U
208-96-8	Acenaphthylene	92	J
83-32-9	Acenaphthene	440	
86-73-7	Fluorene	330	J
85-01-8	Phenanthrene	1200	
120-12-7	Anthracene	380	J
206-44-0	Fluoranthene	540	
129-00-0	Pyrene	980	
56-55-3	Benzo(a)anthracene	370	J
218-01-9	Chrysene	360	J
205-99-2	Benzo(b)fluoranthene	130	J
207-08-9	Benzo(k)fluoranthene	160	J
50-32-8	Benzo(a)pyrene	240	J
193-39-5	Indeno(1,2,3-cd)pyrene	84	J
53-70-3	Dibenzo(a,h)anthracene	36	J
191-24-2	Benzo(g,h,i)perylene	110	J

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SB2 (8.5-10.0)

Lab Name: STL Contract: _____

Lab Code: STL Case No.: 2414A SAS No.: _____ SDG No.: A2414

Matrix (soil/water): SOIL Lab Sample ID: 992414A-15

Level (low/med): LOW Date Received: 09/30/99

% Solids: 88.4

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	11400		*	P
7440-36-0	Antimony	1.3	U	N	P
7440-38-2	Arsenic	0.75	U		P
7440-39-3	Barium	27.6	B		P
7440-41-7	Beryllium	0.76	B		P
7440-43-9	Cadmium	0.19	U		P
7440-70-2	Calcium	2040			P
7440-47-3	Chromium	16.0			P
7440-48-4	Cobalt	4.0	B		P
7440-50-8	Copper	3.3	B		P
7439-89-6	Iron	10600		*	P
7439-92-1	Lead	7.5		*	P
7439-95-4	Magnesium	3000			P
7439-96-5	Manganese	820.			P
7439-97-6	Mercury	0.0051	B		CV
7440-02-0	Nickel	7.4	B		P
7440-09-7	Potassium	2470			P
7782-49-2	Selenium	0.94	U		P
7440-22-4	Silver	0.19	U		P
7440-23-5	Sodium	137.	B		P
7440-28-0	Thallium	1.9	U		P
7440-62-2	Vanadium	15.1			P
7440-66-6	Zinc	76.4			P
57-12-5	Cyanide				NR

Color Before: BROWN Clarity Before: OPAQUE Texture: _____

Color After: YELLOW Clarity After: CLEAR Artifacts: _____

Comments:

1

WET CHEM ANALYSIS DATA SHEET

SAMPLE NO.

SB2 (8.5-10.0)

Lab Name: STL Contract: _____

Lab Code: STL Case No.: 2414A SAS No.: _____ SDG No.: A2414

Matrix (soil/water): SOIL Lab Sample ID: 992414A-15

% Solids: 0 88.4 Date Received: 09/30/99

CAS No.	Analyte	Concentration	C	Units	Q	M
57-12-5	Cyanide, Total	0.500	U	mg/Kg		L

Comments:

FORM I - WC

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB3 (14.0-15.9)

Lab Name: STL/CT Contract: _____

Lab Code: IEACT Case No.: 2414A SAS No.: _____ SDG No.: A2414

Matrix: (soil/water) SOIL Lab Sample ID: 992414A-18

Sample wt/vol: 5 (g/mL) G Lab File ID: >K6743

Level: (low/med) LOW Date Received: 10/01/99

% Moisture: not dec. 11 Date Analyzed: 10/05/99

GC Column: 007-624 ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	11	U
67-64-1	Acetone	24	B
75-15-0	Carbon Disulfide	11	U
75-35-4	1,1-Dichloroethene	11	U
75-34-3	1,1-Dichloroethane	11	U
540-59-0	1,2-Dichloroethene (total)	11	U
67-66-3	Chloroform	11	U
107-06-2	1,2-Dichloroethane	11	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	11	U
56-23-5	Carbon Tetrachloride	11	U
75-27-4	Bromodichloromethane	11	U
78-87-5	1,2-Dichloropropane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
79-01-6	Trichloroethene	.5	J
124-48-1	Dibromochloromethane	11	U
79-00-5	1,1,2-Trichloroethane	11	U
71-43-2	Benzene	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
75-25-2	Bromoform	11	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	5	J
79-34-5	1,1,2,2-Tetrachloroethane	11	U
108-88-3	Toluene	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	6	J
100-42-5	Styrene	11	U
1330-20-7	Xylene (total)	24	

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB3 (14.0-15.9)

Lab Name: STL/CT Contract: _____

Lab Code: IEACT Case No.: 2414A SAS No.: _____ SDG No.: A2414

Matrix: (soil/water) SOIL Lab Sample ID: 992414A-18

Sample wt/vol: 30 (g/mL) G Lab File ID: >R4819

Level: (low/med) LOW Date Received: 10/01/99

% Moisture: 9 decanted: (Y/N) N Date Extracted: 10/05/99

Concentrated Extract Volume: 500 (uL) Date Analyzed: 10/27/99

Injection Volume: 2.0 (uL) Dilution Factor: 50.0

GPC Cleanup: (Y/N) Y pH: 8.2

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
91-20-3	Naphthalene	510	J
91-57-6	2-Methylnaphthalene	3300	J
208-96-8	Acenaphthylene	6800	J
83-32-9	Acenaphthene	2200	J
86-73-7	Fluorene	5900	J
85-01-8	Phenanthrene	30000	
120-12-7	Anthracene	9600	J
206-44-0	Fluoranthene	20000	
129-00-0	Pyrene	83000	
56-55-3	Benzo(a)anthracene	20000	
218-01-9	Chrysene	20000	
205-99-2	Benzo(b)fluoranthene	12000	J
207-08-9	Benzo(k)fluoranthene	8800	J
50-32-8	Benzo(a)pyrene	20000	
193-39-5	Indeno(1,2,3-cd)pyrene	7900	J
53-70-3	Dibenzo(a,h)anthracene	3000	J
191-24-2	Benzo(g,h,i)perylene	13000	J

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SB3 (14.0-15.9)

Lab Name: STL Contract: _____

Lab Code: STL Case No.: 2414A SAS No.: _____ SDG No.: A2414

Matrix (soil/water): SOIL Lab Sample ID: 992414A-18

Level (low/med): LOW Date Received: 10/01/99

% Solids: 85.3

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	2470		*	P
7440-36-0	Antimony	1.4	U	N	P
7440-38-2	Arsenic	0.82	U		P
7440-39-3	Barium	14.0	B		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.20	U		P
7440-70-2	Calcium	5050			P
7440-47-3	Chromium	9.3			P
7440-48-4	Cobalt	0.76	B		P
7440-50-8	Copper	2.1	B		P
7439-89-6	Iron	4500		*	P
7439-92-1	Lead	15.9		*	P
7439-95-4	Magnesium	1640			P
7439-96-5	Manganese	699.			P
7439-97-6	Mercury	0.0071	U		CV
7440-02-0	Nickel	7.2	B		P
7440-09-7	Potassium	676.	B		P
7782-49-2	Selenium	1.0	U		P
7440-22-4	Silver	0.20	U		P
7440-23-5	Sodium	202.	B		P
7440-28-0	Thallium	2.0	U		P
7440-62-2	Vanadium	6.9	B		P
7440-66-6	Zinc	133.			P
57-12-5	Cyanide				NR

Color Before: BROWN Clarity Before: OPAQUE Texture: _____

Color After: YELLOW Clarity After: CLEAR Artifacts: _____

Comments:

1

WET CHEM ANALYSIS DATA SHEET

SAMPLE NO.

SB3 (14.0-15.9)

Lab Name: STL Contract: _____

Lab Code: STL Case No.: 2414A SAS No.: _____ SDG No.: A2414

Matrix (soil/water): SOIL Lab Sample ID: 992414A-18

% Solids: 0 85.7 Date Received: 10/01/99

CAS No.	Analyte	Concentration	C	Units	Q	M
57-12-5	Cyanide, Total	0.500	U	mg/Kg		L

Comments:

FORM I - WC

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB4 (4.0-6.0)

Lab Name: STL/CT Contract: _____

Lab Code: IEACT Case No.: 2414A SAS No.: _____ SDG No.: A2414

Matrix: (soil/water) SOIL Lab Sample ID: 992414A-19

Sample wt/vol: 4 (g/mL) G Lab File ID: >05349

Level: (low/med) MED Date Received: 10/02/99

% Moisture: not dec. 15 Date Analyzed: 10/05/99

GC Column: 007-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	1400	U
74-83-9	Bromomethane	1400	U
75-01-4	Vinyl Chloride	1400	U
75-00-3	Chloroethane	1400	U
75-09-2	Methylene Chloride	97	J
67-64-1	Acetone	1200	JB
75-15-0	Carbon Disulfide	1400	U
75-35-4	1,1-Dichloroethene	1400	U
75-34-3	1,1-Dichloroethane	1400	U
540-59-0	1,2-Dichloroethene (total)	1400	U
67-66-3	Chloroform	1400	U
107-06-2	1,2-Dichloroethane	1400	U
78-93-3	2-Butanone	2600	B
71-55-6	1,1,1-Trichloroethane	1400	U
56-23-5	Carbon Tetrachloride	1400	U
75-27-4	Bromodichloromethane	1400	U
78-87-5	1,2-Dichloropropane	1400	U
10061-01-5	cis-1,3-Dichloropropene	1400	U
79-01-6	Trichloroethene	1400	U
124-48-1	Dibromochloromethane	1400	U
79-00-5	1,1,2-Trichloroethane	1400	U
71-43-2	Benzene	410	J
10061-02-6	trans-1,3-Dichloropropene	1400	U
75-25-2	Bromoform	1400	U
108-10-1	4-Methyl-2-Pentanone	1400	U
591-78-6	2-Hexanone	1400	U
127-18-4	Tetrachloroethene	1400	U
79-34-5	1,1,2,2-Tetrachloroethane	1400	U
108-88-3	Toluene	5000	
108-90-7	Chlorobenzene	1400	U
100-41-4	Ethylbenzene	1700	
100-42-5	Styrene	7100	
1330-20-7	Xylene (total)	15000	

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB4 (4.0-6.0)

Lab Name: STL/CT Contract: _____

Lab Code: IEACT Case No.: 2414A SAS No.: _____ SDG No.: A2414

Matrix: (soil/water) SOIL Lab Sample ID: 992414A-19

Sample wt/vol: 30 (g/mL) G Lab File ID: >R4827

Level: (low/med) LOW Date Received: 10/02/99

% Moisture: 14 decanted: (Y/N) N Date Extracted: 10/05/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/28/99

Injection Volume: 2.0 (uL) Dilution Factor: 100.0

GPC Cleanup: (Y/N) Y pH: 7.3

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
91-20-3	Naphthalene	390000	
91-57-6	2-Methylnaphthalene	290000	
208-96-8	Acenaphthylene	170000	
83-32-9	Acenaphthene	19000	J
86-73-7	Fluorene	110000	
85-01-8	Phenanthrene	380000	
120-12-7	Anthracene	95000	
206-44-0	Fluoranthene	120000	
129-00-0	Pyrene	220000	
56-55-3	Benzo(a)anthracene	61000	J
218-01-9	Chrysene	57000	J
205-99-2	Benzo(b)fluoranthene	26000	J
207-08-9	Benzo(k)fluoranthene	37000	J
50-32-8	Benzo(a)pyrene	58000	J
193-39-5	Indeno(1,2,3-cd)pyrene	23000	J
53-70-3	Dibenzo(a,h)anthracene	6800	J
191-24-2	Benzo(g,h,i)perylene	29000	J

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SB4 (4.0-6.0)

Lab Name: STL Contract: _____

Lab Code: STL Case No.: 2414A SAS No.: _____ SDG No.: A2414

Matrix (soil/water): SOIL Lab Sample ID: 992414A-19

Level (low/med): LOW Date Received: 10/02/99

% Solids: 82.9

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	4220		*	P
7440-36-0	Antimony	1.2	U	N	P
7440-38-2	Arsenic	8.2			P
7440-39-3	Barium	51.5			P
7440-41-7	Beryllium	0.19	B		P
7440-43-9	Cadmium	1.6			P
7440-70-2	Calcium	1470			P
7440-47-3	Chromium	14.3			P
7440-48-4	Cobalt	5.6	B		P
7440-50-8	Copper	111.			P
7439-89-6	Iron	16500		*	P
7439-92-1	Lead	157.		*	P
7439-95-4	Magnesium	1140			P
7439-96-5	Manganese	149.			P
7439-97-6	Mercury	0.25			CV
7440-02-0	Nickel	16.3			P
7440-09-7	Potassium	579.	B		P
7782-49-2	Selenium	2.1			P
7440-22-4	Silver	0.17	U		P
7440-23-5	Sodium	188.	B		P
7440-28-0	Thallium	1.7	U		P
7440-62-2	Vanadium	18.8			P
7440-66-6	Zinc	54.7			P
57-12-5	Cyanide				NR

Color Before: BROWN Clarity Before: OPAQUE Texture: _____

Color After: YELLOW Clarity After: CLEAR Artifacts: _____

Comments:

1

WET CHEM ANALYSIS DATA SHEET

SAMPLE NO.

SB4 (4.0-6.0)

Lab Name: STL Contract: _____

Lab Code: STL Case No.: 2414A SAS No.: _____ SDG No.: A2414

Matrix (soil/water): SOIL Lab Sample ID: 992414A-19

% Solids: 0 82.9 Date Received: 10/02/99

CAS No.	Analyte	Concentration	C	Units	Q	M
57-12-5	Cyanide, Total	0.790		mg/Kg		L

Comments:

FORM I - WC

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB5 (4.0-6.0)

Lab Name: STL/CT Contract: _____

Lab Code: IEACT Case No.: 2414A SAS No.: _____ SDG No.: A2414

Matrix: (soil/water) SOIL Lab Sample ID: 992414A-20

Sample wt/vol: 4 (g/mL) G Lab File ID: >O5348

Level: (low/med) MED Date Received: 10/02/99

% Moisture: not dec. 16 Date Analyzed: 10/05/99

GC Column: 007-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	1400	U
74-83-9	Bromomethane	1400	U
75-01-4	Vinyl Chloride	1400	U
75-00-3	Chloroethane	1400	U
75-09-2	Methylene Chloride	85	J
67-64-1	Acetone	860	JB
75-15-0	Carbon Disulfide	1400	U
75-35-4	1,1-Dichloroethene	1400	U
75-34-3	1,1-Dichloroethane	1400	U
540-59-0	1,2-Dichloroethene (total)	1400	U
67-66-3	Chloroform	1400	U
107-06-2	1,2-Dichloroethane	1400	U
78-93-3	2-Butanone	2500	B
71-55-6	1,1,1-Trichloroethane	1400	U
56-23-5	Carbon Tetrachloride	1400	U
75-27-4	Bromodichloromethane	1400	U
78-87-5	1,2-Dichloropropane	1400	U
10061-01-5	cis-1,3-Dichloropropene	1400	U
79-01-6	Trichloroethene	1400	U
124-48-1	Dibromochloromethane	1400	U
79-00-5	1,1,2-Trichloroethane	1400	U
71-43-2	Benzene	270	J
10061-02-6	trans-1,3-Dichloropropene	1400	U
75-25-2	Bromoform	1400	U
108-10-1	4-Methyl-2-Pentanone	1400	U
591-78-6	2-Hexanone	1400	U
127-18-4	Tetrachloroethene	1400	U
79-34-5	1,1,2,2-Tetrachloroethane	1400	U
108-88-3	Toluene	1300	J
108-90-7	Chlorobenzene	1400	U
100-41-4	Ethylbenzene	13000	
100-42-5	Styrene	1400	U
1330-20-7	Xylene (total)	21000	

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB5 (4.0-6.0)

Lab Name: STL/CT Contract: _____

Lab Code: IEACT Case No.: 2414A SAS No.: _____ SDG No.: A2414

Matrix: (soil/water) SOIL Lab Sample ID: 992414A-20

Sample wt/vol: 30 (g/mL) G Lab File ID: >R4826

Level: (low/med) LOW Date Received: 10/02/99

% Moisture: 23 decanted: (Y/N) N Date Extracted: 10/05/99

Concentrated Extract Volume: 2000 (uL) Date Analyzed: 10/28/99

Injection Volume: 2.0 (uL) Dilution Factor: 50.0

GPC Cleanup: (Y/N) Y pH: 6.9

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
91-20-3	Naphthalene	700000	
91-57-6	2-Methylnaphthalene	490000	
208-96-8	Acenaphthylene	86000	
83-32-9	Acenaphthene	170000	
86-73-7	Fluorene	140000	
85-01-8	Phenanthrene	500000	
120-12-7	Anthracene	140000	
206-44-0	Fluoranthene	160000	
129-00-0	Pyrene	330000	
56-55-3	Benzo(a)anthracene	110000	
218-01-9	Chrysene	100000	
205-99-2	Benzo(b)fluoranthene	50000	J
207-08-9	Benzo(k)fluoranthene	58000	J
50-32-8	Benzo(a)pyrene	110000	
193-39-5	Indeno(1,2,3-cd)pyrene	36000	J
53-70-3	Dibenzo(a,h)anthracene	11000	J
191-24-2	Benzo(g,h,i)perylene	48000	J

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SB5 (4.0-6.0)

Lab Name: STL Contract: _____

Lab Code: STL Case No.: 2414A SAS No.: _____ SDG No.: A2414

Matrix (soil/water): SOIL Lab Sample ID: 992414A-20

Level (low/med): LOW Date Received: 10/02/99

% Solids: 82

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	9100		*	P
7440-36-0	Antimony	1.4	U	N	P
7440-38-2	Arsenic	4.7			P
7440-39-3	Barium	81.9			P
7440-41-7	Beryllium	0.34	B		P
7440-43-9	Cadmium	0.20	U		P
7440-70-2	Calcium	901.	B		P
7440-47-3	Chromium	17.5			P
7440-48-4	Cobalt	6.7	B		P
7440-50-8	Copper	51.8			P
7439-89-6	Iron	18500		*	P
7439-92-1	Lead	173.		*	P
7439-95-4	Magnesium	2250			P
7439-96-5	Manganese	192.			P
7439-97-6	Mercury	0.12			CV
7440-02-0	Nickel	16.0			P
7440-09-7	Potassium	1010			P
7782-49-2	Selenium	1.4			P
7440-22-4	Silver	0.20	U		P
7440-23-5	Sodium	282.	B		P
7440-28-0	Thallium	2.0	U		P
7440-62-2	Vanadium	23.2			P
7440-66-6	Zinc	84.8			P
57-12-5	Cyanide				NR

Color Before: BROWN Clarity Before: OPAQUE Texture: _____

Color After: YELLOW Clarity After: CLEAR Artifacts: _____

Comments:

1

WET CHEM ANALYSIS DATA SHEET

SAMPLE NO.

SB5 (4.0-6.0)

Lab Name: STL Contract: _____

Lab Code: STL Case No.: 2414A SAS No.: _____ SDG No.: A2414

Matrix (soil/water): SOIL Lab Sample ID: 992414A-20

% Solids: 0 82.0 Date Received: 10/02/99

CAS No.	Analyte	Concentration	C	Units	Q	M
57-12-5	Cyanide, Total.	56.4		mg/Kg		L

Comments:

FORM I - WC

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB6 (10.4-12.2)

Lab Name: STL/CT Contract: _____

Lab Code: IEACT Case No.: 2414C SAS No.: _____ SDG No.: C2414

Matrix: (soil/water) SOIL Lab Sample ID: 992414C-05

Sample wt/vol: 5 (g/mL) G Lab File ID: >K7280

Level: (low/med) LOW Date Received: 10/26/99

% Moisture: not dec. 11 Date Analyzed: 10/28/99

GC Column: 007-624 ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	2	J
67-64-1	Acetone	21	B
75-15-0	Carbon Disulfide	11	U
75-35-4	1,1-Dichloroethene	11	U
75-34-3	1,1-Dichloroethane	11	U
540-59-0	1,2-Dichloroethene (total)	11	U
67-66-3	Chloroform	11	U
107-06-2	1,2-Dichloroethane	11	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	11	U
56-23-5	Carbon Tetrachloride	11	U
75-27-4	Bromodichloromethane	11	U
78-87-5	1,2-Dichloropropane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
79-01-6	Trichloroethene	11	U
124-48-1	Dibromochloromethane	11	U
79-00-5	1,1,2-Trichloroethane	11	U
71-43-2	Benzene	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
75-25-2	Bromoform	11	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	11	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
108-88-3	Toluene	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
100-42-5	Styrene	11	U
1330-20-7	Xylene (total)	11	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB6 (10.4-12.2)

Lab Name: STL/CT Contract: _____

Lab Code: IEACT Case No.: _____ SAS No.: _____ SDG No.: C2414

Matrix: (soil/water) SOIL Lab Sample ID: 992414C-05

Sample wt/vol: 30 (g/mL) G Lab File ID: >R5062

Level: (low/med) LOW Date Received: 10/26/99

% Moisture: 11 decanted: (Y/N) N Date Extracted: 10/28/99

Concentrated Extract Volume: 500 (uL) Date Analyzed: 11/15/99

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.2

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
91-20-3	Naphthalene	8	JB
91-57-6	2-Methylnaphthalene	6	J
208-96-8	Acenaphthylene	10	J
83-32-9	Acenaphthene	370	U
86-73-7	Fluorene	370	U
85-01-8	Phenanthrene	53	JB
120-12-7	Anthracene	12	JB
206-44-0	Fluoranthene	39	JB
129-00-0	Pyrene	71	JB
56-55-3	Benzo(a)anthracene	25	J
218-01-9	Chrysene	27	J
205-99-2	Benzo(b)fluoranthene	12	J
207-08-9	Benzo(k)fluoranthene	15	J
50-32-8	Benzo(a)pyrene	19	J
193-39-5	Indeno(1,2,3-cd)pyrene	9	J
53-70-3	Dibenzo(a,h)anthracene	370	U
191-24-2	Benzo(g,h,i)perylene	6	J

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SB6 (10.4-12.2)

Lab Name: STL Contract: _____

Lab Code: STL Case No.: 2414C SAS No.: _____ SDG No.: C2414

Matrix (soil/water): SOIL Lab Sample ID: 992414C-05

Level (low/med): LOW Date Received: 10/26/99

% Solids: 88.5

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	19900		*	P
7440-36-0	Antimony	1.9	B	N	P
7440-38-2	Arsenic	1.3	B		P
7440-39-3	Barium	88.3			P
7440-41-7	Beryllium	1.5			P
7440-43-9	Cadmium	0.20	U	N	P
7440-70-2	Calcium	2500			P
7440-47-3	Chromium	33.0			P
7440-48-4	Cobalt	10.0	B		P
7440-50-8	Copper	8.0			P
7439-89-6	Iron	28700			P
7439-92-1	Lead	26.0		*	P
7439-95-4	Magnesium	8190			P
7439-96-5	Manganese	326.			P
7439-97-6	Mercury	0.0044	B	N	CV
7440-02-0	Nickel	26.8			P
7440-09-7	Potassium	8230			P
7782-49-2	Selenium	1.0			P
7440-22-4	Silver	0.20	U		P
7440-23-5	Sodium	429.	B		P
7440-28-0	Thallium	2.0	U		P
7440-62-2	Vanadium	30.7			P
7440-66-6	Zinc	73.9			P
57-12-5	Cyanide				NR

Color Before: BROWN Clarity Before: OPAQUE Texture: _____

Color After: YELLOW Clarity After: CLEAR Artifacts: _____

Comments:

1

WET CHEM ANALYSIS DATA SHEET

SAMPLE NO.

SB6 (10.4-12.2)

Lab Name: STL Contract: _____

Lab Code: STL Case No.: 2414C SAS No.: _____ SDG No.: C2414

Matrix (soil/water): SOIL Lab Sample ID: 992414C-05

% Solids: 88.5 Date Received: 10/26/99

CAS No.	Analyte	Concentration	C	Units	Q	M
57-12-5	Cyanide, Total	0.500	U	mg/Kg		L

Comments:

FORM I - WC

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB8 (4.0-6.0)

Lab Name: STL/CT Contract: _____

Lab Code: IEACT Case No.: 2414A SAS No.: _____ SDG No.: A2414

Matrix: (soil/water) SOIL Lab Sample ID: 992414A-17

Sample wt/vol: 4 (g/mL) G Lab File ID: >05347

Level: (low/med) MED Date Received: 10/01/99

% Moisture: not dec. 19 Date Analyzed: 10/05/99

GC Column: 007-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	44	J
74-83-9	Bromomethane	1500	U
75-01-4	Vinyl Chloride	1500	U
75-00-3	Chloroethane	1500	U
75-09-2	Methylene Chloride	110	J
67-64-1	Acetone	800	JB
75-15-0	Carbon Disulfide	1500	U
75-35-4	1,1-Dichloroethene	1500	U
75-34-3	1,1-Dichloroethane	1500	U
540-59-0	1,2-Dichloroethene (total)	1500	U
67-66-3	Chloroform	1500	U
107-06-2	1,2-Dichloroethane	1500	U
78-93-3	2-Butanone	2400	B
71-55-6	1,1,1-Trichloroethane	1500	U
56-23-5	Carbon Tetrachloride	1500	U
75-27-4	Bromodichloromethane	1500	U
78-87-5	1,2-Dichloropropane	1500	U
10061-01-5	cis-1,3-Dichloropropene	1500	U
79-01-6	Trichloroethene	1500	U
124-48-1	Dibromochloromethane	1500	U
79-00-5	1,1,2-Trichloroethane	1500	U
71-43-2	Benzene	24	J
10061-02-6	trans-1,3-Dichloropropene	1500	U
75-25-2	Bromoform	1500	U
108-10-1	4-Methyl-2-Pentanone	1500	U
591-78-6	2-Hexanone	1500	U
127-18-4	Tetrachloroethene	1500	U
79-34-5	1,1,2,2-Tetrachloroethane	1500	U
108-88-3	Toluene	25	J
108-90-7	Chlorobenzene	1500	U
100-41-4	Ethylbenzene	3400	
100-42-5	Styrene	1500	U
1330-20-7	Xylene (total)	660	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB8 (4.0-6.0)

Lab Name: STL/CT Contract: _____

Lab Code: IEACT Case No.: 2414A SAS No.: _____ SDG No.: A2414

Matrix: (soil/water) SOIL Lab Sample ID: 992414A-17

Sample wt/vol: 30 (g/mL) G Lab File ID: >R4724

Level: (low/med) LOW Date Received: 10/01/99

% Moisture: 12 decanted: (Y/N) N Date Extracted: 10/05/99

Concentrated Extract Volume: 500 (uL) Date Analyzed: 10/20/99

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.3

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
91-20-3	Naphthalene	180	J
91-57-6	2-Methylnaphthalene	130	J
208-96-8	Acenaphthylene	24	J
83-32-9	Acenaphthene	200	J
86-73-7	Fluorene	120	J
85-01-8	Phenanthrene	560	
120-12-7	Anthracene	150	J
206-44-0	Fluoranthene	170	J
129-00-0	Pyrene	300	J
56-55-3	Benzo(a)anthracene	93	J
218-01-9	Chrysene	98	J
205-99-2	Benzo(b)fluoranthene	33	J
207-08-9	Benzo(k)fluoranthene	56	J
50-32-8	Benzo(a)pyrene	80	J
193-39-5	Indeno(1,2,3-cd)pyrene	28	J
53-70-3	Dibenzo(a,h)anthracene	10	J
191-24-2	Benzo(g,h,i)perylene	40	J

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SB8 (4.0-6.0)

Lab Name: STL Contract: _____

Lab Code: STL Case No.: 2414A SAS No.: _____ SDG No.: A2414

Matrix (soil/water): SOIL Lab Sample ID: 992414A-17

Level (low/med): LOW Date Received: 10/01/99

% Solids: 82.2

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	6080		*	P
7440-36-0	Antimony	1.0	U	N	P
7440-38-2	Arsenic	0.95	B		P
7440-39-3	Barium	62.4			P
7440-41-7	Beryllium	0.26	B		P
7440-43-9	Cadmium	0.14	U		P
7440-70-2	Calcium	4450			P
7440-47-3	Chromium	10.7			P
7440-48-4	Cobalt	4.3	B		P
7440-50-8	Copper	5.0			P
7439-89-6	Iron	10200		*	P
7439-92-1	Lead	5.4		*	P
7439-95-4	Magnesium	2270			P
7439-96-5	Manganese	297.			P
7439-97-6	Mercury	0.0050	B		CV
7440-02-0	Nickel	7.5			P
7440-09-7	Potassium	973.			P
7782-49-2	Selenium	0.71	U		P
7440-22-4	Silver	0.14	U		P
7440-23-5	Sodium	191.	B		P
7440-28-0	Thallium	1.4	U		P
7440-62-2	Vanadium	18.3			P
7440-66-6	Zinc	57.1			P
57-12-5	Cyanide				NR

Color Before: BROWN Clarity Before: OPAQUE Texture: _____

Color After: YELLOW Clarity After: CLEAR Artifacts: _____

Comments:

1

WET CHEM ANALYSIS DATA SHEET

SAMPLE NO.

SB8 (4.0-6.0)

Lab Name: STL Contract: _____

Lab Code: STL Case No.: 2414A SAS No.: _____ SDG No.: A2414

Matrix (soil/water): SOIL Lab Sample ID: 992414A-17

% Solids: 0 82.2 Date Received: 10/01/99

CAS No.	Analyte	Concentration	C	Units	Q	M
57-12-5	Cyanide, Total	0.500	U	mg/Kg		L

Comments:

FORM I - WC

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB9 (14.0-15.5)

Lab Name: STL/CT Contract: _____

Lab Code: IEACT Case No.: 2414B SAS No.: _____ SDG No.: B2414

Matrix: (soil/water) SOIL Lab Sample ID: 992414B-13

Sample wt/vol: 5 (g/mL) G Lab File ID: >K6897

Level: (low/med) LOW Date Received: 10/09/99

% Moisture: not dec. 13 Date Analyzed: 10/13/99

GC Column: 007-624 ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	11	U
67-64-1	Acetone	18	B
75-15-0	Carbon Disulfide	.9	J
75-35-4	1,1-Dichloroethene	11	U
75-34-3	1,1-Dichloroethane	11	U
540-59-0	1,2-Dichloroethene (total)	11	U
67-66-3	Chloroform	11	U
107-06-2	1,2-Dichloroethane	11	U
78-93-3	2-Butanone	6	J
71-55-6	1,1,1-Trichloroethane	11	U
56-23-5	Carbon Tetrachloride	11	U
75-27-4	Bromodichloromethane	11	U
78-87-5	1,2-Dichloropropane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
79-01-6	Trichloroethene	11	U
124-48-1	Dibromochloromethane	11	U
79-00-5	1,1,2-Trichloroethane	11	U
71-43-2	Benzene	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
75-25-2	Bromoform	11	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	11	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
108-88-3	Toluene	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
100-42-5	Styrene	11	U
1330-20-7	Xylene (total)	11	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB9 (14.0-15.5)

Lab Name: STL/CT Contract: _____

Lab Code: IEACT Case No.: 2414B SAS No.: _____ SDG No.: B2414

Matrix: (soil/water) SOIL Lab Sample ID: 992414B-13

Sample wt/vol: 30 (g/mL) G Lab File ID: >R4906

Level: (low/med) LOW Date Received: 10/09/99

% Moisture: 14 decanted: (Y/N) N Date Extracted: 10/11/99

Concentrated Extract Volume: 500 (uL) Date Analyzed: 11/02/99

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
91-20-3	Naphthalene	9	J
91-57-6	2-Methylnaphthalene	380	U
208-96-8	Acenaphthylene	7	J
83-32-9	Acenaphthene	17	J
86-73-7	Fluorene	380	U
85-01-8	Phenanthrene	41	J
120-12-7	Anthracene	12	J
206-44-0	Fluoranthene	38	J
129-00-0	Pyrene	65	J
56-55-3	Benzo(a)anthracene	18	J
218-01-9	Chrysene	17	J
205-99-2	Benzo(b)fluoranthene	7	J
207-08-9	Benzo(k)fluoranthene	12	J
50-32-8	Benzo(a)pyrene	15	J
193-39-5	Indeno(1,2,3-cd)pyrene	8	J
53-70-3	Dibenzo(a,h)anthracene	380	U
191-24-2	Benzo(g,h,i)perylene	21	JB

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SB9 (14.0-15.5)

Lab Name: STL Contract: _____

Lab Code: STL Case No.: 2414B SAS No.: _____ SDG No.: B2414

Matrix (soil/water): SOIL Lab Sample ID: 992414B-13

Level (low/med): LOW Date Received: 10/09/99

% Solids: 82.1

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	4970			P
7440-36-0	Antimony	1.7	U	N	P
7440-38-2	Arsenic	0.96	U		P
7440-39-3	Barium	25.1	B		P
7440-41-7	Beryllium	0.50	B		P
7440-43-9	Cadmium	0.24	U	N	P
7440-70-2	Calcium	2760			P
7440-47-3	Chromium	14.2		*	P
7440-48-4	Cobalt	2.0	B		P
7440-50-8	Copper	2.5	B	E	P
7439-89-6	Iron	10300		*	P
7439-92-1	Lead	13.2			P
7439-95-4	Magnesium	1800			P
7439-96-5	Manganese	144.		*	P
7439-97-6	Mercury	0.030			CV
7440-02-0	Nickel	4.8	B		P
7440-09-7	Potassium	787.	B		P
7782-49-2	Selenium	1.2	U	N	P
7440-22-4	Silver	0.24	U		P
7440-23-5	Sodium	115.	B		P
7440-28-0	Thallium	2.4	U		P
7440-62-2	Vanadium	11.8	B		P
7440-66-6	Zinc	28.2			P
57-12-5	Cyanide				NR

Color Before: BROWN Clarity Before: OPAQUE Texture: _____

Color After: YELLOW Clarity After: CLEAR Artifacts: _____

Comments:

1

WET CHEM ANALYSIS DATA SHEET

SAMPLE NO.

SB9 (14.0-15.5)

Lab Name: STL Contract: _____

Lab Code: STL Case No.: 2414B SAS No.: _____ SDG No.: B2414

Matrix (soil/water): SOIL Lab Sample ID: 992414B-13

% Solids: 82.1 Date Received: 10/09/99

CAS No.	Analyte	Concentration	C	Units	Q	M
57-12-5	Cyanide, Total.	0.580	U	mg/Kg		L

Comments:

FORM I - WC

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB11 (4.0-6.0)

Lab Name: STL/CT Contract: _____

Lab Code: IEACT Case No.: 2973A SAS No.: _____ SDG No.: A2973

Matrix: (soil/water) SOIL Lab Sample ID: 992973A-02

Sample wt/vol: 4 (g/mL) G Lab File ID: >06236

Level: (low/med) MED Date Received: 11/06/99

% Moisture: not dec. 50 Date Analyzed: 11/10/99

GC Column: 007-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	2400	U
74-83-9	Bromomethane	2400	U
75-01-4	Vinyl Chloride	2400	U
75-00-3	Chloroethane	2400	U
75-09-2	Methylene Chloride	200	J
67-64-1	Acetone	1100	JB
75-15-0	Carbon Disulfide	180	J
75-35-4	1,1-Dichloroethene	2400	U
75-34-3	1,1-Dichloroethane	2400	U
540-59-0	1,2-Dichloroethene (total)	2400	U
67-66-3	Chloroform	2400	U
107-06-2	1,2-Dichloroethane	2400	U
78-93-3	2-Butanone	2200	JB
71-55-6	1,1,1-Trichloroethane	2400	U
56-23-5	Carbon Tetrachloride	2400	U
75-27-4	Bromodichloromethane	2400	U
78-87-5	1,2-Dichloropropane	2400	U
10061-01-5	cis-1,3-Dichloropropene	2400	U
79-01-6	Trichloroethene	2400	U
124-48-1	Dibromochloromethane	2400	U
79-00-5	1,1,2-Trichloroethane	2400	U
71-43-2	Benzene	2400	U
10061-02-6	trans-1,3-Dichloropropene	2400	U
75-25-2	Bromoform	2400	U
108-10-1	4-Methyl-2-Pentanone	2400	U
591-78-6	2-Hexanone	2400	U
127-18-4	Tetrachloroethene	2400	U
79-34-5	1,1,2,2-Tetrachloroethane	2400	U
108-88-3	Toluene	2400	U
108-90-7	Chlorobenzene	2400	U
100-41-4	Ethylbenzene	370	J
100-42-5	Styrene	2400	U
1330-20-7	Xylene (total)	290	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB11 (4.0-6.0)

Lab Name: STL/CT Contract: _____

Lab Code: IEACT Case No.: 2973A SAS No.: _____ SDG No.: A2973

Matrix: (soil/water) SOIL Lab Sample ID: 992973A-02

Sample wt/vol: 30 (g/mL) G Lab File ID: >Q6338

Level: (low/med) LOW Date Received: 11/06/99

% Moisture: 33 decanted: (Y/N) N Date Extracted: 11/09/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/24/99

Injection Volume: 2.0 (uL) Dilution Factor: 100.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
91-20-3	Naphthalene	66000	
91-57-6	2-Methylnaphthalene	19000	J
208-96-8	Acenaphthylene	32000	J
83-32-9	Acenaphthene	84000	
86-73-7	Fluorene	46000	J
85-01-8	Phenanthrene	240000	
120-12-7	Anthracene	70000	
206-44-0	Fluoranthene	68000	
129-00-0	Pyrene	110000	
56-55-3	Benzo(a)anthracene	40000	J
218-01-9	Chrysene	32000	J
205-99-2	Benzo(b)fluoranthene	18000	J
207-08-9	Benzo(k)fluoranthene	22000	J
50-32-8	Benzo(a)pyrene	43000	J
193-39-5	Indeno(1,2,3-cd)pyrene	14000	J
53-70-3	Dibenzo(a,h)anthracene	4700	J
191-24-2	Benzo(g,h,i)perylene	22000	J

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SB11 (4.0-6.0)

Lab Name: STL Contract: _____

Lab Code: STL Case No.: 2973A SAS No.: _____ SDG No.: A2973

Matrix (soil/water): SOIL Lab Sample ID: 992973A-02

Level (low/med): LOW Date Received: 11/06/99

% Solids: 64

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3150			P
7440-36-0	Antimony	1.8	U		P
7440-38-2	Arsenic	40.2			P
7440-39-3	Barium	96.4			P
7440-41-7	Beryllium	0.25	U		P
7440-43-9	Cadmium	7.7			P
7440-70-2	Calcium	2660		*	P
7440-47-3	Chromium	48.7			P
7440-48-4	Cobalt	19.3			P
7440-50-8	Copper	220.			P
7439-89-6	Iron	128000			P
7439-92-1	Lead	979.			P
7439-95-4	Magnesium	1740			P
7439-96-5	Manganese	815.		*	P
7439-97-6	Mercury	1.2			CV
7440-02-0	Nickel	28.0			P
7440-09-7	Potassium	308.	B		P
7782-49-2	Selenium	9.0			P
7440-22-4	Silver	0.28	B		P
7440-23-5	Sodium	1240	B		P
7440-28-0	Thallium	10.8			P
7440-62-2	Vanadium	12.6	B		P
7440-66-6	Zinc	2560			P
57-12-5	Cyanide				NR

Color Before: BROWN Clarity Before: OPAQUE Texture: _____

Color After: YELLOW Clarity After: CLEAR Artifacts: _____

Comments:

1

WET CHEM ANALYSIS DATA SHEET

SAMPLE NO.

SB11 (4.0-6.0)

Lab Name: STL Contract: _____

Lab Code: STL Case No.: 2973A SAS No.: _____ SDG No.: A2973

Matrix (soil/water): SOIL Lab Sample ID: 992973A-02

% Solids: 64.2 Date Received: 11/06/99

CAS No.	Analyte	Concentration	C	Units	Q	M
57-12-5	Cyanide, Total	1.35		mg/Kg		L

Comments:

FORM I - WC

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

MW1D (4.0-5.0)

Lab Name: STL/CT Contract: _____

Lab Code: IEACT Case No.: 2414C SAS No.: _____ SDG No.: C2414

Matrix: (soil/water) SOIL Lab Sample ID: 992414C-04

Sample wt/vol: 5 (g/mL) G Lab File ID: >K7279

Level: (low/med) LOW Date Received: 10/26/99

% Moisture: not dec. 16 Date Analyzed: 10/28/99

GC Column: 007-624 ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	2	J
67-64-1	Acetone	8	JB
75-15-0	Carbon Disulfide	12	U
75-35-4	1,1-Dichloroethene	12	U
75-34-3	1,1-Dichloroethane	12	U
540-59-0	1,2-Dichloroethene (total)	12	U
67-66-3	Chloroform	12	U
107-06-2	1,2-Dichloroethane	12	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	12	U
56-23-5	Carbon Tetrachloride	12	U
75-27-4	Bromodichloromethane	12	U
78-87-5	1,2-Dichloropropane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
79-01-6	Trichloroethene	12	U
124-48-1	Dibromochloromethane	12	U
79-00-5	1,1,2-Trichloroethane	12	U
71-43-2	Benzene	12	U
10061-02-6	trans-1,3-Dichloropropene	12	U
75-25-2	Bromoform	12	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	12	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
108-88-3	Toluene	2	J
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	12	U
100-42-5	Styrene	12	U
1330-20-7	Xylene (total)	12	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW1D (4.0-5.0)

Lab Name: STL/CT Contract: _____

Lab Code: IEACT Case No.: _____ SAS No.: _____ SDG No.: C2414

Matrix: (soil/water) SOIL Lab Sample ID: 992414C-04

Sample wt/vol: 30 (g/mL) G Lab File ID: >R5061

Level: (low/med) LOW Date Received: 10/26/99

% Moisture: 19 decanted: (Y/N) N Date Extracted: 10/28/99

Concentrated Extract Volume: 500 (uL) Date Analyzed: 11/15/99

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.5

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
91-20-3	Naphthalene	17	JB
91-57-6	2-Methylnaphthalene	8	J
208-96-8	Acenaphthylene	8	J
83-32-9	Acenaphthene	410	U
86-73-7	Fluorene	6	J
85-01-8	Phenanthrene	64	JB
120-12-7	Anthracene	14	JB
206-44-0	Fluoranthene	46	JB
129-00-0	Pyrene	68	JB
56-55-3	Benzo(a)anthracene	27	J
218-01-9	Chrysene	27	J
205-99-2	Benzo(b)fluoranthene	14	J
207-08-9	Benzo(k)fluoranthene	18	J
50-32-8	Benzo(a)pyrene	29	J
193-39-5	Indeno(1,2,3-cd)pyrene	14	J
53-70-3	Dibenzo(a,h)anthracene	410	U
191-24-2	Benzo(g,h,i)perylene	47	J

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MW1D (4.0-5.0)

Lab Name: STL Contract: _____

Lab Code: STL Case No.: 2414C SAS No.: _____ SDG No.: C2414

Matrix (soil/water): SOIL Lab Sample ID: 992414C-04

Level (low/med): LOW Date Received: 10/26/99

% Solids: 79.7

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	13600		*	P
7440-36-0	Antimony	1.6	B	N	P
7440-38-2	Arsenic	0.86	U		P
7440-39-3	Barium	81.2			P
7440-41-7	Beryllium	1.6			P
7440-43-9	Cadmium	0.21	U	N	P
7440-70-2	Calcium	3080			P
7440-47-3	Chromium	30.4			P
7440-48-4	Cobalt	10.1	B		P
7440-50-8	Copper	5.4	B		P
7439-89-6	Iron	25800			P
7439-92-1	Lead	31.6		*	P
7439-95-4	Magnesium	6520			P
7439-96-5	Manganese	452.			P
7439-97-6	Mercury	0.0054	B	N	CV
7440-02-0	Nickel	22.4			P
7440-09-7	Potassium	4550			P
7782-49-2	Selenium	1.3			P
7440-22-4	Silver	0.21	U		P
7440-23-5	Sodium	259.	B		P
7440-28-0	Thallium	2.1	U		P
7440-62-2	Vanadium	25.6			P
7440-66-6	Zinc	65.2			P
57-12-5	Cyanide				NR

Color Before: BROWN Clarity Before: OPAQUE Texture: _____

Color After: YELLOW Clarity After: CLEAR Artifacts: _____

Comments:

1

WET CHEM ANALYSIS DATA SHEET

SAMPLE NO.

MW1D (4.0-5.0)

Lab Name: STL Contract: _____

Lab Code: STL Case No.: 2414C SAS No.: _____ SDG No.: C2414

Matrix (soil/water): SOIL Lab Sample ID: 992414C-04

% Solids: 0 79.7 Date Received: 10/26/99

CAS No.	Analyte	Concentration	C	Units	Q	M
57-12-5	Cyanide, Total	0.500	U	mg/Kg		L

Comments:

FORM I - WC

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

MW2 (10.0-12.4)

Lab Name: STL/CT Contract: _____

Lab Code: IEACT Case No.: 2414B SAS No.: _____ SDG No.: B2414

Matrix: (soil/water) SOIL Lab Sample ID: 992414B-10

Sample wt/vol: 4 (g/mL) G Lab File ID: >O5554

Level: (low/med) MED Date Received: 10/07/99

% Moisture: not dec. 15 Date Analyzed: 10/13/99

GC Column: 007-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 20 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	7000	U
74-83-9	Bromomethane	7000	U
75-01-4	Vinyl Chloride	7000	U
75-00-3	Chloroethane	7000	U
75-09-2	Methylene Chloride	810	J
67-64-1	Acetone	6600	JB
75-15-0	Carbon Disulfide	7000	U
75-35-4	1,1-Dichloroethene	7000	U
75-34-3	1,1-Dichloroethane	7000	U
540-59-0	1,2-Dichloroethene (total)	7000	U
67-66-3	Chloroform	7000	U
107-06-2	1,2-Dichloroethane	7000	U
78-93-3	2-Butanone	5500	JB
71-55-6	1,1,1-Trichloroethane	7000	U
56-23-5	Carbon Tetrachloride	7000	U
75-27-4	Bromodichloromethane	7000	U
78-87-5	1,2-Dichloropropane	7000	U
10061-01-5	cis-1,3-Dichloropropene	7000	U
79-01-6	Trichloroethene	7000	U
124-48-1	Dibromochloromethane	7000	U
79-00-5	1,1,2-Trichloroethane	7000	U
71-43-2	Benzene	4800	J
10061-02-6	trans-1,3-Dichloropropene	7000	U
75-25-2	Bromoform	7000	U
108-10-1	4-Methyl-2-Pentanone	7000	U
591-78-6	2-Hexanone	7000	U
127-18-4	Tetrachloroethene	7000	U
79-34-5	1,1,2,2-Tetrachloroethane	7000	U
108-88-3	Toluene	320	J
108-90-7	Chlorobenzene	7000	U
100-41-4	Ethylbenzene	48000	
100-42-5	Styrene	7000	U
1330-20-7	Xylene (total)	18000	

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW2 (10.0-12.4)

Lab Name: STL/CT Contract: _____

Lab Code: IEACT Case No.: 2414B SAS No.: _____ SDG No.: B2414

Matrix: (soil/water) SOIL Lab Sample ID: 992414B-10

Sample wt/vol: 30 (g/mL) G Lab File ID: >R4930

Level: (low/med) LOW Date Received: 10/07/99

% Moisture: 12 decanted: (Y/N) N Date Extracted: 10/11/99

Concentrated Extract Volume: 500 (uL) Date Analyzed: 11/03/99

Injection Volume: 2.0 (uL) Dilution Factor: 50.0

GPC Cleanup: (Y/N) Y pH: 8.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
91-20-3	Naphthalene	16000	J
91-57-6	2-Methylnaphthalene	5500	J
208-96-8	Acenaphthylene	3500	J
83-32-9	Acenaphthene	41000	
86-73-7	Fluorene	21000	
85-01-8	Phenanthrene	77000	
120-12-7	Anthracene	24000	
206-44-0	Fluoranthene	26000	
129-00-0	Pyrene	42000	
56-55-3	Benzo(a)anthracene	15000	J
218-01-9	Chrysene	15000	J
205-99-2	Benzo(b)fluoranthene	5300	J
207-08-9	Benzo(k)fluoranthene	7900	J
50-32-8	Benzo(a)pyrene	13000	J
193-39-5	Indeno(1,2,3-cd)pyrene	3800	J
53-70-3	Dibenzo(a,h)anthracene	1200	J
191-24-2	Benzo(g,h,i)perylene	5100	JB

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MW2 (10.0-12.4)

Lab Name: STL Contract: _____

Lab Code: STL Case No.: 2414B SAS No.: _____ SDG No.: B2414

Matrix (soil/water): SOIL Lab Sample ID: 992414B-10

Level (low/med): LOW Date Received: 10/07/99

% Solids: 94.6

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	4760			P
7440-36-0	Antimony	0.96	U	N	P
7440-38-2	Arsenic	0.88	B		P
7440-39-3	Barium	19.4	B		P
7440-41-7	Beryllium	0.29	B		P
7440-43-9	Cadmium	0.14	U	N	P
7440-70-2	Calcium	2760			P
7440-47-3	Chromium	11.7		*	P
7440-48-4	Cobalt	2.9	B		P
7440-50-8	Copper	8.9		E	P
7439-89-6	Iron	7580		*	P
7439-92-1	Lead	6.2			P
7439-95-4	Magnesium	2390			P
7439-96-5	Manganese	87.3		*	P
7439-97-6	Mercury	0.0085			CV
7440-02-0	Nickel	7.2			P
7440-09-7	Potassium	700.			P
7782-49-2	Selenium	0.68	U	N	P
7440-22-4	Silver	0.14	U		P
7440-23-5	Sodium	240.	B		P
7440-28-0	Thallium	1.4	U		P
7440-62-2	Vanadium	18.5			P
7440-66-6	Zinc	21.0			P
57-12-5	Cyanide				NR

Color Before: BROWN Clarity Before: OPAQUE Texture: _____

Color After: YELLOW Clarity After: CLEAR Artifacts: _____

Comments:

1

WET CHEM ANALYSIS DATA SHEET

SAMPLE NO.

MW2 (10.0-12.4)

Lab Name: STL Contract: _____

Lab Code: STL Case No.: 2414B SAS No.: _____ SDG No.: B2414

Matrix (soil/water): SOIL Lab Sample ID: 992414B-10

% Solids: 94.6 Date Received: 10/07/99

CAS No.	Analyte	Concentration	C	Units	Q	M
57-12-5	Cyanide, Total.	0.530	U	mg/Kg		L

Comments:

FORM I - WC

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

MW3 (12.0-13.8)

Lab Name: STL/CT Contract: _____

Lab Code: IEACT Case No.: 2414B SAS No.: _____ SDG No.: B2414

Matrix: (soil/water) SOIL Lab Sample ID: 992414B-12

Sample wt/vol: 4 (g/mL) G Lab File ID: >O5555

Level: (low/med) MED Date Received: 10/08/99

% Moisture: not dec. 11 Date Analyzed: 10/13/99

GC Column: 007-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 20 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	6700	U
74-83-9	Bromomethane	6700	U
75-01-4	Vinyl Chloride	6700	U
75-00-3	Chloroethane	6700	U
75-09-2	Methylene Chloride	340	J
67-64-1	Acetone	2700	JB
75-15-0	Carbon Disulfide	6700	U
75-35-4	1,1-Dichloroethene	6700	U
75-34-3	1,1-Dichloroethane	6700	U
540-59-0	1,2-Dichloroethene (total)	6700	U
67-66-3	Chloroform	6700	U
107-06-2	1,2-Dichloroethane	6700	U
78-93-3	2-Butanone	3000	JB
71-55-6	1,1,1-Trichloroethane	6700	U
56-23-5	Carbon Tetrachloride	6700	U
75-27-4	Bromodichloromethane	6700	U
78-87-5	1,2-Dichloropropane	6700	U
10061-01-5	cis-1,3-Dichloropropene	6700	U
79-01-6	Trichloroethene	6700	U
124-48-1	Dibromochloromethane	6700	U
79-00-5	1,1,2-Trichloroethane	6700	U
71-43-2	Benzene	6700	U
10061-02-6	trans-1,3-Dichloropropene	6700	U
75-25-2	Bromoform	6700	U
108-10-1	4-Methyl-2-Pentanone	6700	U
591-78-6	2-Hexanone	6700	U
127-18-4	Tetrachloroethene	6700	U
79-34-5	1,1,2,2-Tetrachloroethane	6700	U
108-88-3	Toluene	6700	U
108-90-7	Chlorobenzene	6700	U
100-41-4	Ethylbenzene	89000	
100-42-5	Styrene	6700	U
1330-20-7	Xylene (total)	9600	

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW3 (12.0-13.8)

Lab Name: STL/CT Contract: _____

Lab Code: IEACT Case No.: 2414B SAS No.: _____ SDG No.: B2414

Matrix: (soil/water) SOIL Lab Sample ID: 992414B-12

Sample wt/vol: 30 (g/mL) G Lab File ID: >R4925

Level: (low/med) LOW Date Received: 10/08/99

% Moisture: 12 decanted: (Y/N) N Date Extracted: 10/11/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/03/99

Injection Volume: 2.0 (uL) Dilution Factor: 100.0

GPC Cleanup: (Y/N) Y pH: 7.6

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
91-20-3	Naphthalene	420000	
91-57-6	2-Methylnaphthalene	110000	
208-96-8	Acenaphthylene	8700	J
83-32-9	Acenaphthene	120000	
86-73-7	Fluorene	58000	J
85-01-8	Phenanthrene	200000	
120-12-7	Anthracene	66000	J
206-44-0	Fluoranthene	73000	J
129-00-0	Pyrene	110000	
56-55-3	Benzo(a)anthracene	44000	J
218-01-9	Chrysene	41000	J
205-99-2	Benzo(b)fluoranthene	14000	J
207-08-9	Benzo(k)fluoranthene	24000	J
50-32-8	Benzo(a)pyrene	36000	J
193-39-5	Indeno(1,2,3-cd)pyrene	11000	J
53-70-3	Dibenzo(a,h)anthracene	3600	J
191-24-2	Benzo(g,h,i)perylene	14000	JB

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MW3 (12.0-13.8)

Lab Name: STL Contract: _____

Lab Code: STL Case No.: 2414B SAS No.: _____ SDG No.: B2414

Matrix (soil/water): SOIL Lab Sample ID: 992414B-12

Level (low/med): LOW Date Received: 10/08/99

% Solids: 88.9

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3070			P
7440-36-0	Antimony	1.4	U	N	P
7440-38-2	Arsenic	1.3	B		P
7440-39-3	Barium	18.8	B		P
7440-41-7	Beryllium	0.32	B		P
7440-43-9	Cadmium	0.21	U	N	P
7440-70-2	Calcium	2160			P
7440-47-3	Chromium	8.0		*	P
7440-48-4	Cobalt	2.5	B		P
7440-50-8	Copper	2.3	B	E	P
7439-89-6	Iron	9120		*	P
7439-92-1	Lead	5.0			P
7439-95-4	Magnesium	1500			P
7439-96-5	Manganese	289.		*	P
7439-97-6	Mercury	0.0048	U		CV
7440-02-0	Nickel	4.4	B		P
7440-09-7	Potassium	698.	B		P
7782-49-2	Selenium	1.0	U	N	P
7440-22-4	Silver	0.21	U		P
7440-23-5	Sodium	102.	B		P
7440-28-0	Thallium	2.1	U		P
7440-62-2	Vanadium	12.4			P
7440-66-6	Zinc	21.0			P
57-12-5	Cyanide				NR

Color Before: BROWN Clarity Before: OPAQUE Texture: _____

Color After: YELLOW Clarity After: CLEAR Artifacts: _____

Comments:

1

WET CHEM ANALYSIS DATA SHEET

SAMPLE NO.

MW3 (12.0-13.8)

Lab Name: STL Contract: _____

Lab Code: STL Case No.: 2414B SAS No.: _____ SDG No.: B2414

Matrix (soil/water): SOIL Lab Sample ID: 992414B-12

% Solids: 88.9 Date Received: 10/08/99

CAS No.	Analyte	Concentration	C	Units	Q	M
57-12-5	Cyanide, Total.	0.570	U	mg/Kg		L

Comments:

FORM I - WC

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

MW3D (10.0-12.0)

Lab Name: STL/CT Contract: _____

Lab Code: IEACT Case No.: 2746A SAS No.: _____ SDG No.: A2746

Matrix: (soil/water) SOIL Lab Sample ID: 992746A-01

Sample wt/vol: 5 (g/mL) G Lab File ID: >05709

Level: (low/med) MED Date Received: 10/16/99

% Moisture: not dec. 18 Date Analyzed: 10/19/99

GC Column: 007-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 20 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	240	J
74-83-9	Bromomethane	7300	U
75-01-4	Vinyl Chloride	7300	U
75-00-3	Chloroethane	7300	U
75-09-2	Methylene Chloride	400	J
67-64-1	Acetone	7500	B
75-15-0	Carbon Disulfide	7300	U
75-35-4	1,1-Dichloroethene	7300	U
75-34-3	1,1-Dichloroethane	7300	U
540-59-0	1,2-Dichloroethene (total)	7300	U
67-66-3	Chloroform	7300	U
107-06-2	1,2-Dichloroethane	7300	U
78-93-3	2-Butanone	5100	JB
71-55-6	1,1,1-Trichloroethane	7300	U
56-23-5	Carbon Tetrachloride	7300	U
75-27-4	Bromodichloromethane	7300	U
78-87-5	1,2-Dichloropropane	7300	U
10061-01-5	cis-1,3-Dichloropropene	7300	U
79-01-6	Trichloroethene	350	J
124-48-1	Dibromochloromethane	7300	U
79-00-5	1,1,2-Trichloroethane	7300	U
71-43-2	Benzene	390	J
10061-02-6	trans-1,3-Dichloropropene	7300	U
75-25-2	Bromoform	7300	U
108-10-1	4-Methyl-2-Pentanone	1800	J
591-78-6	2-Hexanone	2300	J
127-18-4	Tetrachloroethene	7300	U
79-34-5	1,1,2,2-Tetrachloroethane	1200	J
108-88-3	Toluene	120	J
108-90-7	Chlorobenzene	7300	U
100-41-4	Ethylbenzene	50000	
100-42-5	Styrene	7300	U
1330-20-7	Xylene (total)	4400	J

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

MW3D (10.0-12.0)

Lab Name: STL/CT Contract: _____

Lab Code: IEACT Case No.: 2746A SAS No.: _____ SDG No.: A2746

Matrix: (soil/water) SOIL Lab Sample ID: 992746A-01

Sample wt/vol: 5 (g/mL) G Lab File ID: >05709

Level: (low/med) MED Date Received: 10/16/99

% Moisture: not dec. 18 Date Analyzed: 10/19/99

GC Column: 007-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 20 (uL)

Number TICs Found: 19

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.91-20-3	NAPHTHALENE	26.82	230000	JN
02.	UNKNOWN C3 ALKYLBENZENE	22.64	160000	J
03.	UNKNOWN ISOMER OF METHYL NAP	30.49	50000	J
04.	UNKNOWN ISOMER OF METHYL NAP	29.83	38000	J
05.	UNKNOWN C3 ALKLYBENZENE	21.41	25000	J
06.	UNKNOWN C10H10 ISOMER	25.63	15000	J
07.	UNKNOWN C3 ALKYLBENZENE	22.21	14000	J
08.	UNKNOWN C10H12 ISOMER	24.84	12000	J
09.	UNKNOWN	23.64	9400	J
10.	UNKNOWN C3 ALKYLBENZENE	21.14	9000	J
11.	UNKNOWN C12H10 ISOMER	32.25	7600	J
12.	UNKNOWN C4 ALKYLBENZENE	23.30	7100	J
13.	UNKNOWN ISOMER OF DIETHYL BE	22.42	6700	J
14.98-82-8	BENZENE, (1-METHYLETHYL)-	19.74	6300	JN
15.	UNKNOWN C10H10 ISOMER	25.37	6200	J
16.	UNKNOWN	26.11	6000	J
17.	UNKNOWN C4 ALKYLBENZENE	24.21	5500	J
18.	UNKNOWN C10H12 ISOMER	25.20	4400	J
19.	UNKNOWN C4 ALKYLBENZENE	25.11	3100	J
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW3D (10.0-12.0)

Lab Name: STL/CT Contract: 68-D5-0014

Lab Code: IEACT Case No.: _____ SAS No.: _____ SDG No.: A2746

Matrix: (soil/water) SOIL Lab Sample ID: 992746A-01

Sample wt/vol: 30 (g/mL) G Lab File ID: >R5004

Level: (low/med) LOW Date Received: 10/16/99

% Moisture: 16 decanted: (Y/N) N Date Extracted: 10/21/99

Concentrated Extract Volume: 500 (uL) Date Analyzed: 11/12/99

Injection Volume: 2.0 (uL) Dilution Factor: 100.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	39000	U
111-44-4	bis(2-Chloroethyl)ether	39000	U
95-57-8	2-Chlorophenol	39000	U
541-73-1	1,3-Dichlorobenzene	39000	U
106-46-7	1,4-Dichlorobenzene	39000	U
95-50-1	1,2-Dichlorobenzene	39000	U
95-48-7	2-Methylphenol	39000	U
108-60-1	2,2'-oxybis(1-Chloropropane)	39000	U
106-44-5	4-Methylphenol	39000	U
621-64-7	N-Nitroso-di-n-propylamine	39000	U
67-72-1	Hexachloroethane	39000	U
98-95-3	Nitrobenzene	39000	U
78-59-1	Isophorone	39000	U
88-75-5	2-Nitrophenol	39000	U
105-67-9	2,4-Dimethylphenol	39000	U
111-91-1	bis(2-Chloroethoxy)methane	39000	U
120-83-2	2,4-Dichlorophenol	39000	U
120-82-1	1,2,4-Trichlorobenzene	39000	U
91-20-3	Naphthalene	250000	B
106-47-8	4-Chloroaniline	39000	U
87-68-3	Hexachlorobutadiene	39000	U
59-50-7	4-Chloro-3-methylphenol	39000	U
91-57-6	2-Methylnaphthalene	52000	
77-47-4	Hexachlorocyclopentadiene	39000	U
88-06-2	2,4,6-Trichlorophenol	39000	U
95-95-4	2,4,5-Trichlorophenol	99000	U
91-58-7	2-Chloronaphthalene	39000	U
88-74-4	2-Nitroaniline	99000	U
131-11-3	Dimethylphthalate	39000	U
208-96-8	Acenaphthylene	4100	J
606-20-2	2,6-Dinitrotoluene	39000	U
99-09-2	3-Nitroaniline	99000	U
83-32-9	Acenaphthene	72000	

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW3D (10.0-12.0)

Lab Name: STL/CT Contract: 68-D5-0014

Lab Code: IEACT Case No.: _____ SAS No.: _____ SDG No.: A2746

Matrix: (soil/water) SOIL Lab Sample ID: 992746A-01

Sample wt/vol: 30 (g/mL) G Lab File ID: >R5004

Level: (low/med) LOW Date Received: 10/16/99

% Moisture: 16 decanted: (Y/N) N Date Extracted: 10/21/99

Concentrated Extract Volume: 500 (uL) Date Analyzed: 11/12/99

Injection Volume: 2.0 (uL) Dilution Factor: 100.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	99000	U
100-02-7	4-Nitrophenol	99000	U
132-64-9	Dibenzofuran	5300	J
121-14-2	2,4-Dinitrotoluene	39000	U
84-66-2	Diethylphthalate	39000	U
7005-72-3	4-Chlorophenyl-phenylether	39000	U
86-73-7	Fluorene	32000	J
100-01-6	4-Nitroaniline	99000	U
534-52-1	4,6-Dinitro-2-methylphenol	99000	U
86-30-6	N-Nitrosodiphenylamine (1)	39000	U
101-55-3	4-Bromophenyl-phenylether	39000	U
118-74-1	Hexachlorobenzene	39000	U
87-86-5	Pentachlorophenol	99000	U
85-01-8	Phenanthrene	120000	B
120-12-7	Anthracene	36000	J
86-74-8	Carbazole	680	J
84-74-2	Di-n-butylphthalate	39000	U
206-44-0	Fluoranthene	41000	B
129-00-0	Pyrene	67000	B
85-68-7	Butylbenzylphthalate	39000	U
91-94-1	3,3'-Dichlorobenzidine	39000	U
56-55-3	Benzo(a)anthracene	23000	JB
218-01-9	Chrysene	23000	JB
117-81-7	bis(2-Ethylhexyl)phthalate	39000	U
117-84-0	Di-n-octylphthalate	39000	U
205-99-2	Benzo(b)fluoranthene	8000	J
207-08-9	Benzo(k)fluoranthene	12000	J
50-32-8	Benzo(a)pyrene	19000	JB
193-39-5	Indeno(1,2,3-cd)pyrene	6000	J
53-70-3	Dibenz(a,h)anthracene	2300	J
191-24-2	Benzo(g,h,i)perylene	8100	J

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

MW3D (10.0 - 12.0)

Lab Name: Severn Trent Laboratories- CT Contract:

Lab Code: STLCT Case No. SAS No. SDG No. A2746

Matrix (soil/water) SOIL Lab Sample ID: 992746A-01

Sample wt/vol: 30 G Lab File ID: R5004

Level: (low/ med) LOW Date Received: 10/16/99

% Moisture: 16 decanted: (Y/N) N Date Extracted: 10/21/99

Concentrated Extract Volume: 500 uL Date Analyzed: 11/12/99

Injection Volume: 2 uL Dilution Factor: 100

GPC Cleanup: (Y/N) Y pH 7.54

Number TIC's Found: CONCENTRATION UNITS (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST CONC	Q
1.	UNKNOWN METHYL NAPHTHALENE	15.07	74000	J
2.	UNKNOWN PAH, MW 118	10.75	74000	J
3.	UNKNOWN PAH, MW 192	21.49	50000	J
4.	DIMETHYL NAPHTHALENE	16.37	31000	J
5.	DIMETHYL NAPHTHALENE	16.18	24000	J
6.	UNKNOWN PAH, MW 192	21.31	24000	J
7.	UNKNOWN PAH, MW 192	21.25	21000	J
8.	DIMETHYL NAPHTHALENE	16.41	20000	J
9.	UNKNOWN PAH, MW 216	23.88	19000	J
10.	UNKNOWN C12H10 ISOMER	15.85	17000	J
11.	UNKNOWN C13H12 ISOMER	18.38	16000	J
12.	UNKNOWN PAH, MW 202	22.93	16000	J
13.	UNKNOWN ALKYL NAPHTHALENE	16.05	14000	J
14.	UNKNOWN MW 168	18.43	13000	J
15.	UNKNOWN MW 204	21.84	12000	J
16.	DIMETHYL NAPHTHALENE	16.62	12000	J
17.	UNKNOWN PAH, MW 252	28.20	12000	J
18.	UNKNOWN PAH, MW 206	22.40	12000	J
19.	UNKNOWN PAH, MW 216	24.00	12000	J
20. 132650	DIBENZOTHIOPHENE	20.00	11000	JN
21.	UNKNOWN PAH, MW 192	21.38	11000	J
22.	UNKNOWN PAH, MW 192	19.40	11000	J
23.	UNKNOWN MW 168	18.52	11000	J
24.	UNKNOWN PAH, MW 216	24.35	10000	J
25.	UNKNOWN PAH, MW 216	24.09	10000	J
26.	UNKNOWN PAH, MW 206	22.47	10000	J
27.	UNKNOWN PAH, MW 242	26.44	9500	J
28.	UNKNOWN PAH, MW 166	18.70	8700	J
29.	UNKNOWN C10H10 ISOMER	12.78	8600	J
30.	UNKNOWN, MW 182	18.60	8600	J

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: STL-CT Contract: _____ Client ID: MW3D (10.0-12.0)

Lab Code: IEACT Case No.: 2746A SDG No.: A2746

Matrix: (soil/water): SOIL Lab Sample ID: 992746A-01

Sample wt/vol: 30.2 (g/ml) G Lab File ID: D5044145

% Moisture: 15 decanted: (Y/N) __ Date Received : 10/16/99

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 10/20/99

Concentrated Extract Volume: 10000 (ul) Date Analyzed : 11/05/99

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: 7.5 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	20.	U
319-85-7	beta-BHC	20.	U
319-86-8	delta-BHC	20.	U
58-89-9	gamma-BHC (Lindane)	20.	U
76-44-8	Heptachlor	20.	U
309-00-2	Aldrin	20.	U
1024-57-3	Heptachlor Epoxide	26.	
959-98-8	Endosulfan I	20.	U
60-57-1	Dieldrin	38.	U
72-55-9	4,4'-DDE	38.	U
72-20-8	Endrin	38.	U
33213-65-9	Endosulfan II	38.	U
72-54-8	4,4'-DDD	38.	U
1031-07-8	Endosulfan Sulfate	38.	U
50-29-3	4,4'-DDT	38.	U
72-43-5	Methoxychlor	200	U
53494-70-5	Endrin ketone	38.	U
7421-93-4	Endrin aldehyde	38.	U
5103-71-9	alpha-Chlordane	20.	U
5103-74-2	gamma-Chlordane	20.	U
8001-35-2	Toxaphene	380	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: STL-CT Contract: _____ Client ID: MW3D (10.0-12.0)

Lab Code: IEACT Case No.: 2746A SDG No.: A2746

Matrix: (soil/water): SOIL Lab Sample ID: 992746A-01

Sample wt/vol: 30.2 (g/ml) G Lab File ID: C4039288

% Moisture: 15 decanted: (Y/N) __ Date Received : 10/16/99

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 10/20/99

Concentrated Extract Volume: 10000 (ul) Date Analyzed : 10/23/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.5 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	38.	U
11104-28-2	Aroclor-1221	78.	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

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1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MW3D (10.0-12.0)

Lab Name: STL Contract: _____

Lab Code: STL Case No.: 2746A SAS No.: _____ SDG No.: A2746

Matrix (soil/water): SOIL Lab Sample ID: 992746A-01

Level (low/med): LOW Date Received: 10/16/99

% Solids: 85.8

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	7020			P
7440-36-0	Antimony	1.2	B	N	P
7440-38-2	Arsenic	0.62	U		P
7440-39-3	Barium	31.2			P
7440-41-7	Beryllium	0.29	B		P
7440-43-9	Cadmium	0.16	U	N	P
7440-70-2	Calcium	3450			P
7440-47-3	Chromium	11.2			P
7440-48-4	Cobalt	4.8	B		P
7440-50-8	Copper	23.5		NE	P
7439-89-6	Iron	11800			P
7439-92-1	Lead	11.0			P
7439-95-4	Magnesium	2320			P
7439-96-5	Manganese	179.		*	P
7439-97-6	Mercury	0.0066	B		CV
7440-02-0	Nickel	7.4			P
7440-09-7	Potassium	1510			P
7782-49-2	Selenium	0.78	U		P
7440-22-4	Silver	0.16	U		P
7440-23-5	Sodium	336.	B		P
7440-28-0	Thallium	1.6	U		P
7440-62-2	Vanadium	20.9			P
7440-66-6	Zinc	29.9			P
57-12-5	Cyanide				NR

Color Before: BROWN Clarity Before: OPAQUE Texture: _____

Color After: YELLOW Clarity After: CLEAR Artifacts: _____

Comments:

1

WET CHEM ANALYSIS DATA SHEET

SAMPLE NO.

MW3D (10.0-12.0)

Lab Name: STL Contract: _____

Lab Code: STL Case No.: 2746A SAS No.: _____ SDG No.: A2746

Matrix (soil/water): SOIL Lab Sample ID: 992746A-01

% Solids: 85.8 Date Received: 10/16/99

CAS No.	Analyte	Concentration	C	Units	Q	M
57-12-5	Cyanide, Total,	0.580	U	mg/Kg		L

Comments:

FORM I - WC

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

MW3D (TCLP)

Lab Name: STL/CT Contract: _____

Lab Code: IEACT Case No.: 2739A SAS No.: _____ SDG No.: A2739

Matrix: (soil/water) ~~WATER~~ LEACHATE Lab Sample ID: 992739A-01

Sample wt/vol: 5 (g/mL) ML Lab File ID: >05952

Level: (low/med) LOW Date Received: 10/16/99

% Moisture: not dec. _____ Date Analyzed: 10/28/99

GC Column: 007-624 ID: 0.53 (mm) Dilution Factor: 1.0

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

Leach Date: 10/21/99

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
71-43-2	Benzene	7	
56-23-5	Carbon Tetrachloride	5	U
108-90-7	Chlorobenzene	5	U
67-66-3	Chloroform	3	J
78-93-3	2-Butanone	2	JB
127-18-4	Tetrachloroethene	5	U
79-01-6	Trichloroethene	5	U
75-01-4	Vinyl Chloride	10	U
107-06-2	1,2-Dichloroethane	5	U
75-35-4	1,1-Dichloroethene	5	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW3D (TCLP)

Lab Name: STL/CT Contract: _____

Lab Code: IEACT Case No.: 2739A SAS No.: _____ SDG No.: A2739

Matrix: (soil/water) WATER Lab Sample ID: 992739A-01

Sample wt/vol: 500 (g/mL) ML Lab File ID: >Q6070

Level: (low/med) LOW Date Received: 10/16/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 10/28/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/04/99

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:____ Leach Date: 10/26/99

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
106-46-7	1,4-Dichlorobenzene	20	U
67-72-1	Hexachloroethane	20	U
98-95-3	Nitrobenzene	20	U
87-68-3	Hexachlorobutadiene	20	U
88-06-2	2,4,6-Trichlorophenol	20	U
95-95-4	2,4,5-Trichlorophenol	100	U
121-14-2	2,4-Dinitrotoluene	20	U
118-74-1	Hexachlorobenzene	20	U
87-86-5	Pentachlorophenol	100	U
95-48-7	2-Methylphenol	20	U
106-44-5	4-Methylphenol	20	U
110-86-1	Pyridine	20	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: STL-CT Contract: _____ Client ID: MW3D (TCLP)

Lab Code: IEACT Case No.: 2739A SDG No.: A2739

Matrix: (soil/water): LEACHATE Lab Sample ID: 992739A-01

Sample wt/vol: 200 (g/ml) ML Lab File ID: D5044150

% Moisture: _____ decanted: (Y/N)__ Date Received : 10/16/99
Date Leached : 10/21/99
Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 10/25/99

Concentrated Extract Volume: 10000 (ul) Date Analyzed : 11/05/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
57-74-9	Technical Chlordane	2.5	U
8001-35-2	Toxaphene	5.0	U
72-20-8	Endrin	0.50	U
76-44-8	Heptachlor	0.25	U
1024-57-3	Heptachlor Epoxide	0.25	U
58-89-9	gamma-BHC (Lindane)	0.25	U
72-43-5	Methoxychlor	2.5	U

1D
HERBICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: STL-CT Contract: _____ Client ID: MW3D (TCLP)

Lab Code: IEACT Case No.: 2739A SDG No.: A2739

Matrix: (soil/water): LEACHATE Lab Sample ID: 992739A-01

Sample wt/vol: 200 (g/ml) ML Lab File ID: D6038012

% Moisture: _____ decanted: (Y/N)__ Date Received : 10/16/99
Date Leached : 10/21/99
Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 10/21/99

Concentrated Extract Volume: 10000 (ul) Date Analyzed : 11/03/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
94-75-7	2,4-D	2.5	U
93-72-1	Silvex	0.50	U

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1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MW3D (TCLP)

Lab Name: STL Contract: _____

Lab Code: STL Case No.: 2739A SAS No.: _____ SDG No.: A2739

Matrix (soil/water): WATER Lab Sample ID: 992739A-01

Level (low/med): LOW Date Received: 10/16/99

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	7.6	B		P
7440-39-3	Barium	1150			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	7.9	B		P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	2160			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	6.5		N	P
7440-22-4	Silver	1.0	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
57-12-5	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

1

WET CHEM ANALYSIS DATA SHEET

SAMPLE NO.

MW3D(TCLP)

Lab Name: STL Contract: _____

Lab Code: STL Case No.: 2739A SAS No.: _____ SDG No.: A2739

Matrix (soil/water): SOIL Lab Sample ID: 992739A-01

% Solids: 0 Date Received: 10/16/99

CAS No.	Analyte	Concentration	C	Units	Q	M
	Corrosivity	No (pH 7.56)		S.U.		D
	Cyanide, Reactive	0.500	U	mg/Kg		L
	Ignitability	No				D
	Reactivity	No (see CNR/RSULFIDE)				D
	Sulfide, Reactive	10.0	U	mg/Kg		T

Comments:

FORM I - WC

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

MW4 (12.0-13.1)

Lab Name: STL/CT Contract: _____

Lab Code: IEACT Case No.: 2477A SAS No.: _____ SDG No.: A2477

Matrix: (soil/water) SOIL Lab Sample ID: 992477A-03

Sample wt/vol: 4 (g/mL) G Lab File ID: >O5553

Level: (low/med) MED Date Received: 10/08/99

% Moisture: not dec. 12 Date Analyzed: 10/13/99

GC Column: 007-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 25 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	5400	U
74-83-9	Bromomethane	5400	U
75-01-4	Vinyl Chloride	5400	U
75-00-3	Chloroethane	5400	U
75-09-2	Methylene Chloride	720	J
67-64-1	Acetone	5000	JB
75-15-0	Carbon Disulfide	5400	U
75-35-4	1,1-Dichloroethene	5400	U
75-34-3	1,1-Dichloroethane	5400	U
540-59-0	1,2-Dichloroethene (total)	5400	U
67-66-3	Chloroform	5400	U
107-06-2	1,2-Dichloroethane	5400	U
78-93-3	2-Butanone	3900	JB
71-55-6	1,1,1-Trichloroethane	5400	U
56-23-5	Carbon Tetrachloride	5400	U
75-27-4	Bromodichloromethane	5400	U
78-87-5	1,2-Dichloropropane	5400	U
10061-01-5	cis-1,3-Dichloropropene	5400	U
79-01-6	Trichloroethene	5400	U
124-48-1	Dibromochloromethane	5400	U
79-00-5	1,1,2-Trichloroethane	5400	U
71-43-2	Benzene	5400	
10061-02-6	trans-1,3-Dichloropropene	5400	U
75-25-2	Bromoform	5400	U
108-10-1	4-Methyl-2-Pentanone	5400	U
591-78-6	2-Hexanone	5400	U
127-18-4	Tetrachloroethene	5400	U
79-34-5	1,1,2,2-Tetrachloroethane	5400	U
108-88-3	Toluene	5400	U
108-90-7	Chlorobenzene	5400	U
100-41-4	Ethylbenzene	12000	
100-42-5	Styrene	5400	U
1330-20-7	Xylene (total)	6000	

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

MW4 (12.0-13.1)

Lab Name: STL/CT Contract: _____

Lab Code: IEACT Case No.: 2477A SAS No.: _____ SDG No.: A2477

Matrix: (soil/water) SOIL Lab Sample ID: 992477A-03

Sample wt/vol: 4 (g/mL) G Lab File ID: >O5553

Level: (low/med) MED Date Received: 10/08/99

% Moisture: not dec. 12 Date Analyzed: 10/13/99

GC Column: 007-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 25 (uL)

Number TICs Found: 18

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.	UNKNOWN C3 ALKYLBENZENE	22.67	28000	J
02.	UNKNOWN C10H12 ISOMER	24.87	22000	J
03.	UNKNOWN C3 ALKYLBENZENE	21.46	22000	J
04.	UNKNOWN C4 ALKYLBENZENE	25.68	20000	J
05.	UNKNOWN C4 ALKYLBENZENE	22.60	16000	J
06.	UNKNOWN C4 ALKYLBENZENE	23.35	16000	J
07.	UNKNOWN ISOMER OF DIETHYLBEN	22.45	14000	J
08.	UNKNOWN C4 ALKLYBENZENE	23.69	14000	J
09.	UNKNOWN C3 ALKYLBENZENE	22.26	12000	J
10.	UNKNOWN C4 ALKYLBENZENE	24.25	12000	J
11.	UNKNOWN C4 ALKYLBENZENE	25.42	10000	J
12.	UNKNOWN C4 ALKYLBENZENE	25.15	7000	J
13.	UNKNOWN C3 ALKYLBENZENE	20.68	6000	J
14.	UNKNOWN C5 ALKYLBENZENE	25.84	6000	J
15.	UNKNOWN C3 ALKLYBENZENE	21.18	5900	J
16.	UNKNOWN C3 ALKYLBENZENE	20.79	5500	J
17.	UNKNOWN C4 ALKYLBENZENE	23.14	5400	J
18.	UNKNOWN C4 ALKYLBENZENE	25.25	5300	J
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW4 (12.0-13.1)

Lab Name: STL/CT Contract: 68-D5-0014

Lab Code: IEACT Case No.: _____ SAS No.: _____ SDG No.: A2477

Matrix: (soil/water) SOIL Lab Sample ID: 992477A-03

Sample wt/vol: 30 (g/mL) G Lab File ID: >R4926

Level: (low/med) LOW Date Received: 10/08/99

% Moisture: 15 decanted: (Y/N) N Date Extracted: 10/13/99

Concentrated Extract Volume: 500 (uL) Date Analyzed: 11/03/99

Injection Volume: 2.0 (uL) Dilution Factor: 100.0

GPC Cleanup: (Y/N) Y pH: 7.5

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	39000	U
111-44-4	bis(2-Chloroethyl)ether	39000	U
95-57-8	2-Chlorophenol	39000	U
541-73-1	1,3-Dichlorobenzene	39000	U
106-46-7	1,4-Dichlorobenzene	39000	U
95-50-1	1,2-Dichlorobenzene	39000	U
95-48-7	2-Methylphenol	39000	U
108-60-1	2,2'-oxybis(1-Chloropropane)	39000	U
106-44-5	4-Methylphenol	39000	U
621-64-7	N-Nitroso-di-n-propylamine	39000	U
67-72-1	Hexachloroethane	39000	U
98-95-3	Nitrobenzene	39000	U
78-59-1	Isophorone	39000	U
88-75-5	2-Nitrophenol	39000	U
105-67-9	2,4-Dimethylphenol	39000	U
111-91-1	bis(2-Chloroethoxy)methane	39000	U
120-83-2	2,4-Dichlorophenol	39000	U
120-82-1	1,2,4-Trichlorobenzene	39000	U
91-20-3	Naphthalene	83000	
106-47-8	4-Chloroaniline	39000	U
87-68-3	Hexachlorobutadiene	39000	U
59-50-7	4-Chloro-3-methylphenol	39000	U
91-57-6	2-Methylnaphthalene	52000	
77-47-4	Hexachlorocyclopentadiene	39000	U
88-06-2	2,4,6-Trichlorophenol	39000	U
95-95-4	2,4,5-Trichlorophenol	98000	U
91-58-7	2-Chloronaphthalene	39000	U
88-74-4	2-Nitroaniline	98000	U
131-11-3	Dimethylphthalate	39000	U
208-96-8	Acenaphthylene	6400	J
606-20-2	2,6-Dinitrotoluene	39000	U
99-09-2	3-Nitroaniline	98000	U
83-32-9	Acenaphthene	86000	

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW4 (12.0-13.1)

Lab Name: STL/CT Contract: 68-D5-0014

Lab Code: IEACT Case No.: _____ SAS No.: _____ SDG No.: A2477

Matrix: (soil/water) SOIL Lab Sample ID: 992477A-03

Sample wt/vol: 30 (g/mL) G Lab File ID: >R4926

Level: (low/med) LOW Date Received: 10/08/99

% Moisture: 15 decanted: (Y/N) N Date Extracted: 10/13/99

Concentrated Extract Volume: 500 (uL) Date Analyzed: 11/03/99

Injection Volume: 2.0 (uL) Dilution Factor: 100.0

GPC Cleanup: (Y/N) Y pH: 7.5

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	98000	U
100-02-7	4-Nitrophenol	98000	U
132-64-9	Dibenzofuran	5800	J
121-14-2	2,4-Dinitrotoluene	39000	U
84-66-2	Diethylphthalate	39000	U
7005-72-3	4-Chlorophenyl-phenylether	39000	U
86-73-7	Fluorene	39000	
100-01-6	4-Nitroaniline	98000	U
534-52-1	4,6-Dinitro-2-methylphenol	98000	U
86-30-6	N-Nitrosodiphenylamine (1)	39000	U
101-55-3	4-Bromophenyl-phenylether	39000	U
118-74-1	Hexachlorobenzene	39000	U
87-86-5	Pentachlorophenol	98000	U
85-01-8	Phenanthrene	140000	
120-12-7	Anthracene	44000	
86-74-8	Carbazole	1200	J
84-74-2	Di-n-butylphthalate	39000	U
206-44-0	Fluoranthene	48000	
129-00-0	Pyrene	76000	
85-68-7	Butylbenzylphthalate	39000	U
91-94-1	3,3'-Dichlorobenzidine	39000	U
56-55-3	Benzo(a)anthracene	29000	J
218-01-9	Chrysene	27000	J
117-81-7	bis(2-Ethylhexyl)phthalate	39000	U
117-84-0	Di-n-octylphthalate	39000	U
205-99-2	Benzo(b)fluoranthene	9800	J
207-08-9	Benzo(k)fluoranthene	16000	J
50-32-8	Benzo(a)pyrene	24000	J
193-39-5	Indeno(1,2,3-cd)pyrene	7300	J
53-70-3	Dibenz(a,h)anthracene	2400	J
191-24-2	Benzo(g,h,i)perylene	9300	J

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

MW4 (12.0-13.1)

Lab Name: Severn Trent Laboratories- CT Contract:

Lab Code: STLCT Case No. SAS No. SDG No. A2477

Matrix (soil/water) SOIL Lab Sample ID: 992477A-03

Sample wt/vol: 30 G Lab File ID: R4926

Level: (low/ med) LOW Date Received: 10/8/99

% Moisture: 15 decanted: (Y/N) N Date Extracted: 10/13/99

Concentrated Extract Volume: 500 uL Date Analyzed: 11/3/99

Injection Volume: 2 uL Dilution Factor: 100

GPC Cleanup: (Y/N) Y pH 7.53

Number TIC's Found: 30 CONCENTRATION UNITS (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST CONC	Q
1.	UNKNOWN METHYL NAPHTHALENE	12.71	93000	J
2.	UNKNOWN PAH, MW 192	19.12	47000	J
3.	UNKNOWN DIMETHYLNAPHTHALENE	14.07	38000	J
4.	UNKNOWN PAH, MW 192	18.94	31000	J
5.	UNKNOWN DIMETHYLNAPHTHALENE	13.87	29000	J
6.	UNKNOWN PAH, MW 216	21.47	27000	J
7.	UNKNOWN PAH, MW 192	18.89	26000	J
8.	UNKNOWN PAH, MW 202	20.51	25000	J
9.	UNKNOWN PAH, MW 206	20.04	25000	J
10.	UNKNOWN PAH, MW 216	21.59	22000	J
11.	UNKNOWN ALKYL NAPHTHALENE	13.74	21000	J
12.	UNKNOWN PAH, MW 216	21.91	20000	J
13.	UNKNOWN DIMETHYLNAPHTHALENE	14.31	20000	J
14.	UNKNOWN PAH, MW 242	24.01	18000	J
15.	UNKNOWN PAH, MW 206	20.10	18000	J
16.	UNKNOWN C12H10 ISOMER	13.55	17000	J
17.	UNKNOWN PAH, MW 204	19.49	17000	J
18.	UNKNOWN PAH, MW 216	21.86	16000	J
19.	UNKNOWN PAH, MW 216	21.24	16000	J
20.	UNKNOWN PAH, MW 180	17.14	16000	J
21.	UNKNOWN MW 166	15.88	15000	J
22.	UNKNOWN PAH, MW 192	19.02	15000	J
23.	UNKNOWN DIMETHYLNAPHTHALENE	14.11	14000	J
24.	UNKNOWN PAH, MW 192	19.17	14000	J
25.	UNKNOWN PAH, MW 216	21.66	13000	J
26.	UNKNOWN BENZOTHIOPHENE ISOME	18.53	13000	J
27.	UNKNOWN PAH, MW 252	25.72	13000	J
28. 132650	DIBENZOTHIOPHENE	17.63	13000	JN
29.	UNKNOWN PAH, MW 180	17.07	13000	J
30.	UNKNOWN ALKYL NAPHTHALENE	15.02	12000	J

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: STL-CT Contract: _____ Client ID: MW4 (12.0-13.1)

Lab Code: IEACT Case No.: 2477A SDG No.: A2477

Matrix: (soil/water): SOIL Lab Sample ID: 992477A-03

Sample wt/vol: 30.3 (g/ml) G Lab File ID: D4043150

% Moisture: 15 decanted: (Y/N) __ Date Received : 10/08/99

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 10/12/99

Concentrated Extract Volume: 10000 (ul) Date Analyzed : 10/27/99

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: 7.5 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	72.	
319-85-7	beta-BHC	51.	
319-86-8	delta-BHC	15.	J
58-89-9	gamma-BHC (Lindane)	20.	U
76-44-8	Heptachlor	20.	U
309-00-2	Aldrin	20.	U
1024-57-3	Heptachlor Epoxide	20.	U
959-98-8	Endosulfan I	20.	U
60-57-1	Dieldrin	38.	U
72-55-9	4,4'-DDE	38.	U
72-20-8	Endrin	38.	U
33213-65-9	Endosulfan II	38.	U
72-54-8	4,4'-DDD	38.	U
1031-07-8	Endosulfan Sulfate	67.	
50-29-3	4,4'-DDT	38.	U
72-43-5	Methoxychlor	200	U
53494-70-5	Endrin ketone	38.	U
7421-93-4	Endrin aldehyde	38.	U
5103-71-9	alpha-Chlordane	20.	U
5103-74-2	gamma-Chlordane	84.	
8001-35-2	Toxaphene	380	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: STL-CT Contract: _____ Client ID: MW4 (12.0-13.1)

Lab Code: IEACT Case No.: 2477A SDG No.: A2477

Matrix: (soil/water): SOIL Lab Sample ID: 992477A-03

Sample wt/vol: 30.3 (g/ml) G Lab File ID: C4039130

% Moisture: 15 decanted: (Y/N) __ Date Received : 10/08/99

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 10/12/99

Concentrated Extract Volume: 10000 (ul) Date Analyzed : 10/13/99

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: 7.5 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	380	U
11104-28-2	Aroclor-1221	780	U
11141-16-5	Aroclor-1232	380	U
53469-21-9	Aroclor-1242	380	U
12672-29-6	Aroclor-1248	380	U
11097-69-1	Aroclor-1254	380	U
11096-82-5	Aroclor-1260	380	U

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MW4 (12.0-13.1)

Lab Name: STL Contract: _____

Lab Code: STL Case No.: 2477A SAS No.: _____ SDG No.: A2477

Matrix (soil/water): SOIL Lab Sample ID: 992477A-03

Level (low/med): LOW Date Received: 10/08/99

% Solids: 85.5

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3360			P
7440-36-0	Antimony	1.4	U	N	P
7440-38-2	Arsenic	1.6	B		P
7440-39-3	Barium	26.3	B		P
7440-41-7	Beryllium	0.21	U		P
7440-43-9	Cadmium	0.21	U		P
7440-70-2	Calcium	27600			P
7440-47-3	Chromium	7.4			P
7440-48-4	Cobalt	2.8	B		P
7440-50-8	Copper	9.6			P
7439-89-6	Iron	8120		*	P
7439-92-1	Lead	9.3		*	P
7439-95-4	Magnesium	1630			P
7439-96-5	Manganese	347.			P
7439-97-6	Mercury	0.017	B		CV
7440-02-0	Nickel	6.0	B		P
7440-09-7	Potassium	590.	B		P
7782-49-2	Selenium	1.2		N	P
7440-22-4	Silver	0.21	U		P
7440-23-5	Sodium	222.	B		P
7440-28-0	Thallium	2.1	U		P
7440-62-2	Vanadium	10.9			P
7440-66-6	Zinc	33.4			P
57-12-5	Cyanide				NR

Color Before: BROWN Clarity Before: OPAQUE Texture: _____

Color After: YELLOW Clarity After: CLEAR Artifacts: _____

Comments:

1

WET CHEM ANALYSIS DATA SHEET

SAMPLE NO.

MW4 (12.0-13.1)

Lab Name: STL Contract: _____

Lab Code: STL Case No.: 2477A SAS No.: _____ SDG No.: A2477

Matrix (soil/water): SOIL Lab Sample ID: 992477A-03

% Solids: 85.5 Date Received: 10/08/99

CAS No.	Analyte	Concentration	C	Units	Q	M
57-12-5	Cyanide, Total	0.570	U	mg/Kg		L

Comments:

FORM I - WC

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

MW5S(14.0-16.0)

Lab Name: STL/CT Contract: _____

Lab Code: IEACT Case No.: 2414B SAS No.: _____ SDG No.: B2414

Matrix: (soil/water) SOIL Lab Sample ID: 992414B-11

Sample wt/vol: 4 (g/mL) G Lab File ID: >05563

Level: (low/med) MED Date Received: 10/07/99

% Moisture: not dec. 15 Date Analyzed: 10/13/99

GC Column: 007-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 2.5 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	56000	U
74-83-9	Bromomethane	56000	U
75-01-4	Vinyl Chloride	56000	U
75-00-3	Chloroethane	56000	U
75-09-2	Methylene Chloride	6300	J
67-64-1	Acetone	43000	JB
75-15-0	Carbon Disulfide	56000	U
75-35-4	1,1-Dichloroethene	56000	U
75-34-3	1,1-Dichloroethane	56000	U
540-59-0	1,2-Dichloroethene (total)	56000	U
67-66-3	Chloroform	56000	U
107-06-2	1,2-Dichloroethane	56000	U
78-93-3	2-Butanone	22000	JB
71-55-6	1,1,1-Trichloroethane	56000	U
56-23-5	Carbon Tetrachloride	56000	U
75-27-4	Bromodichloromethane	56000	U
78-87-5	1,2-Dichloropropane	56000	U
10061-01-5	cis-1,3-Dichloropropene	56000	U
79-01-6	Trichloroethene	56000	U
124-48-1	Dibromochloromethane	56000	U
79-00-5	1,1,2-Trichloroethane	56000	U
71-43-2	Benzene	210000	
10061-02-6	trans-1,3-Dichloropropene	56000	U
75-25-2	Bromoform	56000	U
108-10-1	4-Methyl-2-Pentanone	56000	U
591-78-6	2-Hexanone	56000	U
127-18-4	Tetrachloroethene	56000	U
79-34-5	1,1,2,2-Tetrachloroethane	56000	U
108-88-3	Toluene	380000	
108-90-7	Chlorobenzene	56000	U
100-41-4	Ethylbenzene	750000	
100-42-5	Styrene	56000	U
1330-20-7	Xylene (total)	990000	

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW5S (14.0-16.0)

Lab Name: STL/CT Contract: _____

Lab Code: IEACT Case No.: 2414B SAS No.: _____ SDG No.: B2414

Matrix: (soil/water) SOIL Lab Sample ID: 992414B-11

Sample wt/vol: 30 (g/mL) G Lab File ID: >R4924

Level: (low/med) LOW Date Received: 10/07/99

% Moisture: 14 decanted: (Y/N) N Date Extracted: 10/11/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/03/99

Injection Volume: 2.0 (uL) Dilution Factor: 1000.0

GPC Cleanup: (Y/N) Y pH: 7.7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
91-20-3	Naphthalene	4000000	
91-57-6	2-Methylnaphthalene	1400000	
208-96-8	Acenaphthylene	120000	J
83-32-9	Acenaphthene	560000	J
86-73-7	Fluorene	310000	J
85-01-8	Phenanthrene	1100000	
120-12-7	Anthracene	350000	J
206-44-0	Fluoranthene	420000	J
129-00-0	Pyrene	640000	J
56-55-3	Benzo(a)anthracene	250000	J
218-01-9	Chrysene	230000	J
205-99-2	Benzo(b)fluoranthene	82000	J
207-08-9	Benzo(k)fluoranthene	140000	J
50-32-8	Benzo(a)pyrene	220000	J
193-39-5	Indeno(1,2,3-cd)pyrene	69000	J
53-70-3	Dibenzo(a,h)anthracene	36000	J
191-24-2	Benzo(g,h,i)perylene	90000	JB

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1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MW5s (14.0-16.0)

Lab Name: STL Contract: _____

Lab Code: STL Case No.: 2414B SAS No.: _____ SDG No.: B2414

Matrix (soil/water): SOIL Lab Sample ID: 992414B-11

Level (low/med): LOW Date Received: 10/07/99

% Solids: 80.1

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3440			P
7440-36-0	Antimony	1.2	U	N	P
7440-38-2	Arsenic	1.6	B		P
7440-39-3	Barium	34.8			P
7440-41-7	Beryllium	0.22	B		P
7440-43-9	Cadmium	0.16	U	N	P
7440-70-2	Calcium	2000			P
7440-47-3	Chromium	8.3		*	P
7440-48-4	Cobalt	2.2	B		P
7440-50-8	Copper	2.9	B	E	P
7439-89-6	Iron	6520		*	P
7439-92-1	Lead	4.5			P
7439-95-4	Magnesium	1500			P
7439-96-5	Manganese	61.9		*	P
7439-97-6	Mercury	0.0068			CV
7440-02-0	Nickel	4.4	B		P
7440-09-7	Potassium	550.	B		P
7782-49-2	Selenium	0.82	U	N	P
7440-22-4	Silver	0.16	U		P
7440-23-5	Sodium	106.	B		P
7440-28-0	Thallium	1.6	U		P
7440-62-2	Vanadium	14.6			P
7440-66-6	Zinc	19.4			P
57-12-5	Cyanide				NR

Color Before: BROWN Clarity Before: OPAQUE Texture: _____

Color After: YELLOW Clarity After: CLEAR Artifacts: _____

Comments:

1

WET CHEM ANALYSIS DATA SHEET

SAMPLE NO.

MW5S(14.0-16.0)

Lab Name: STL Contract: _____

Lab Code: STL Case No.: 2414B SAS No.: _____ SDG No.: B2414

Matrix (soil/water): SOIL Lab Sample ID: 992414B-11

% Solids: 80.1 Date Received: 10/07/99

CAS No.	Analyte	Concentration	C	Units	Q	M
57-12-5	Cyanide, Total.	0.620	U	mg/Kg		L

Comments:

FORM I - WC

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID

MW5 (TCLP)

Lab Name: STL/CT Contract: _____

Lab Code: IEACT Case No.: 2947A SAS No.: _____ SDG No.: A2947

Matrix: (soil/water) WATER Lab Sample ID: 992947A-01

Sample wt/vol: 5 (g/mL) ML Lab File ID: >K7831

Level: (low/med) LOW Date Received: 10/07/99

% Moisture: not dec. _____ Date Analyzed: 11/24/99

GC Column: 007-624 ID: 0.53 (mm) Dilution Factor: 4.0

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	400	
56-23-5	Carbon Tetrachloride	20	U
108-90-7	Chlorobenzene	20	U
67-66-3	Chloroform	20	U
78-93-3	2-Butanone	40	U
127-18-4	Tetrachloroethene	20	U
79-01-6	Trichloroethene	20	U
75-01-4	Vinyl Chloride	40	U
107-06-2	1,2-Dichloroethane	20	U
75-35-4	1,1-Dichloroethene	20	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW5 (TCLP)

Lab Name: STL/CT Contract: _____

Lab Code: IEACT Case No.: 2947A SAS No.: _____ SDG No.: A2947

Matrix: (soil/water) WATER Lab Sample ID: 992947A-01

Sample wt/vol: 500 (g/mL) ML Lab File ID: >R5125

Level: (low/med) LOW Date Received: 10/07/99

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 11/09/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/19/99

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Leach Date: 11/04/99

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
106-46-7	1,4-Dichlorobenzene	20	U
67-72-1	Hexachloroethane	20	U
98-95-3	Nitrobenzene	20	U
87-68-3	Hexachlorobutadiene	20	U
88-06-2	2,4,6-Trichlorophenol	20	U
95-95-4	2,4,5-Trichlorophenol	100	U
121-14-2	2,4-Dinitrotoluene	20	U
118-74-1	Hexachlorobenzene	20	U
87-86-5	Pentachlorophenol	100	U
95-48-7	2-Methylphenol	.5	J
106-44-5	4-Methylphenol	2	J
110-86-1	Pyridine	20	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: STL-CT Contract: _____ Client ID: MW5 (TCLP

Lab Code: IEACT Case No.: 2947A SDG No.: A2947

Matrix: (soil/water): LEACHATE Lab Sample ID: 992947A-01

Sample wt/vol: 200 (g/ml) ML Lab File ID: D5044235

% Moisture: _____ decanted: (Y/N)__ Date Received : 10/07/99
Date Leached : 11/05/99
Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 11/05/99

Concentrated Extract Volume: 10000 (ul) Date Analyzed : 11/09/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
57-74-9	Technical Chlordane	2.5	U
8001-35-2	Toxaphene	5.0	U
72-20-8	Endrin	1.6	
76-44-8	Heptachlor	0.25	U
1024-57-3	Heptachlor Epoxide	0.25	U
58-89-9	gamma-BHC (Lindane)	0.25	U
72-43-5	Methoxychlor	2.5	U

1D
HERBICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: STL-CT Contract: _____ Client ID: MW5 (TCLP)

Lab Code: IEACT Case No.: 2947A SDG No.: A2947

Matrix: (soil/water): LEACHATE Lab Sample ID: 992947A-01

Sample wt/vol: 200 (g/ml) ML Lab File ID: D6040022

% Moisture: _____ decanted: (Y/N)__ Date Received : 10/07/99
Date Leached : 11/05/99
Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 11/10/99

Concentrated Extract Volume: 10000 (ul) Date Analyzed : 11/18/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
94-75-7	2,4-D	2.5	U
93-72-1	Silvex	0.50	U

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MW5 (TCLP)

Lab Name: STL Contract: _____

Lab Code: STL Case No.: 2947A SAS No.: _____ SDG No.: A2947

Matrix (soil/water): WATER Lab Sample ID: 992947A-01

Level (low/med): LOW Date Received: 10/07/99

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	4.6	B		P
7440-39-3	Barium	886.			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	1.4	B		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	7.0	B		P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	1640			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	1.0	U		CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	5.0	U	N	P
7440-22-4	Silver	1.0	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
57-12-5	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

1

WET CHEM ANALYSIS DATA SHEET

SAMPLE NO.

MW5 (TCLP)

Lab Name: STL Contract: _____

Lab Code: STL Case No.: 2947A SAS No.: _____ SDG No.: A2947

Matrix (soil/water): SOIL Lab Sample ID: 992947A-01

% Solids: 0 Date Received: 10/07/99

CAS No.	Analyte	Concentration	C	Units	Q	M
	Corrosivity	No (pH 6.91)		S.U.		D
	Cyanide, Reactive	0.500	U	mg/Kg		L
	Ignitability	No				D
	Reactivity	No (see CNR/RSULFIDE)				D
	Sulfide, Reactive	10.0	U	mg/Kg		T

Comments:

FORM I - WC

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

MW5D (2.0-4.0)

Lab Name: STL/CT Contract: _____

Lab Code: IEACT Case No.: 2797A SAS No.: _____ SDG No.: A2797

Matrix: (soil/water) SOIL Lab Sample ID: 992797A-01

Sample wt/vol: 4 (g/mL) G Lab File ID: >K7307

Level: (low/med) MED Date Received: 10/23/99

% Moisture: not dec. 14 Date Analyzed: 10/29/99

GC Column: 007-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 2 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	70000	U
74-83-9	Bromomethane	70000	U
75-01-4	Vinyl Chloride	70000	U
75-00-3	Chloroethane	70000	U
75-09-2	Methylene Chloride	7000	J
67-64-1	Acetone	72000	B
75-15-0	Carbon Disulfide	70000	U
75-35-4	1,1-Dichloroethene	70000	U
75-34-3	1,1-Dichloroethane	70000	U
540-59-0	1,2-Dichloroethene (total)	70000	U
67-66-3	Chloroform	70000	U
107-06-2	1,2-Dichloroethane	70000	U
78-93-3	2-Butanone	70000	U
71-55-6	1,1,1-Trichloroethane	70000	U
56-23-5	Carbon Tetrachloride	70000	U
75-27-4	Bromodichloromethane	70000	U
78-87-5	1,2-Dichloropropane	70000	U
10061-01-5	cis-1,3-Dichloropropene	70000	U
79-01-6	Trichloroethene	70000	U
124-48-1	Dibromochloromethane	70000	U
79-00-5	1,1,2-Trichloroethane	70000	U
71-43-2	Benzene	270000	
10061-02-6	trans-1,3-Dichloropropene	70000	U
75-25-2	Bromoform	70000	U
108-10-1	4-Methyl-2-Pentanone	70000	U
591-78-6	2-Hexanone	70000	U
127-18-4	Tetrachloroethene	70000	U
79-34-5	1,1,2,2-Tetrachloroethane	70000	U
108-88-3	Toluene	780000	
108-90-7	Chlorobenzene	70000	U
100-41-4	Ethylbenzene	210000	
100-42-5	Styrene	250000	
1330-20-7	Xylene (total)	560000	

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

MW5D (2.0-4.0)

Lab Name: STL/CT Contract: _____

Lab Code: IEACT Case No.: 2797A SAS No.: _____ SDG No.: A2797

Matrix: (soil/water) SOIL Lab Sample ID: 992797A-01

Sample wt/vol: 4 (g/mL) G Lab File ID: >K7307

Level: (low/med) MED Date Received: 10/23/99

% Moisture: not dec. 14 Date Analyzed: 10/29/99

GC Column: 007-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 2 (uL)

Number TICs Found: 14

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01.91-20-3	NAPHTHALENE	24.34	3200000	JN
02.	UNKNOWN C3 ALKYLBENZENE	22.27	650000	J
03.	UNKNOWN C3 ALKYLBENZENE	21.36	210000	J
04.	UNKNOWN C3 ALKYLBENZENE	21.29	130000	J
05.	UNKNOWN C4 ALKYLBENZENE	23.60	120000	J
06.	UNKNOWN C4 ALKYLBENZENE	23.73	110000	J
07.95-15-8	BENZO[B]THIOPHENE	24.51	100000	JN
08.	UNKNOWN C3 ALKYLBENZENE	21.83	95000	J
09.	UNKNOWN C3 ALKYLBENZENE	22.02	62000	J
10.128-37-0	BUTYLATED HYDROXYTOLUENE	23.41	61000	JN
11.	UNKNOWN C3 ALKYLBENZENE	20.85	55000	J
12.	UNKNOWN C4 ALKYLBENZENE	22.69	46000	J
13.	UNKNOWN C3 ALKYLBENZENE	20.76	37000	J
14.	UNKNOWN C4 ALKYLBENZENE	23.01	36000	J
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW5D (2.0-4.0)

Lab Name: STL/CT Contract: 68-D5-0014

Lab Code: IEACT Case No.: _____ SAS No.: _____ SDG No.: A2797

Matrix: (soil/water) SOIL Lab Sample ID: 992797A-01

Sample wt/vol: 30 (g/mL) G Lab File ID: >R5089

Level: (low/med) LOW Date Received: 10/23/99

% Moisture: 19 decanted: (Y/N) N Date Extracted: 10/28/99

Concentrated Extract Volume: 2000 (uL) Date Analyzed: 11/17/99

Injection Volume: 2.0 (uL) Dilution Factor: 1000.0

GPC Cleanup: (Y/N) Y pH: 7.3

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	1600000	U
111-44-4	bis(2-Chloroethyl)ether	1600000	U
95-57-8	2-Chlorophenol	1600000	U
541-73-1	1,3-Dichlorobenzene	1600000	U
106-46-7	1,4-Dichlorobenzene	1600000	U
95-50-1	1,2-Dichlorobenzene	1600000	U
95-48-7	2-Methylphenol	1600000	U
108-60-1	2,2'-oxybis(1-Chloropropane)	1600000	U
106-44-5	4-Methylphenol	1600000	U
621-64-7	N-Nitroso-di-n-propylamine	1600000	U
67-72-1	Hexachloroethane	1600000	U
98-95-3	Nitrobenzene	1600000	U
78-59-1	Isophorone	1600000	U
88-75-5	2-Nitrophenol	1600000	U
105-67-9	2,4-Dimethylphenol	1600000	U
111-91-1	bis(2-Chloroethoxy)methane	1600000	U
120-83-2	2,4-Dichlorophenol	1600000	U
120-82-1	1,2,4-Trichlorobenzene	1600000	U
91-20-3	Naphthalene	8200000	B
106-47-8	4-Chloroaniline	1600000	U
87-68-3	Hexachlorobutadiene	1600000	U
59-50-7	4-Chloro-3-methylphenol	1600000	U
91-57-6	2-Methylnaphthalene	2500000	
77-47-4	Hexachlorocyclopentadiene	1600000	U
88-06-2	2,4,6-Trichlorophenol	1600000	U
95-95-4	2,4,5-Trichlorophenol	4100000	U
91-58-7	2-Chloronaphthalene	1600000	U
88-74-4	2-Nitroaniline	4100000	U
131-11-3	Dimethylphthalate	1600000	U
208-96-8	Acenaphthylene	690000	J
606-20-2	2,6-Dinitrotoluene	1600000	U
99-09-2	3-Nitroaniline	4100000	U
83-32-9	Acenaphthene	92000	J

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW5D (2.0-4.0)

Lab Name: STL/CT Contract: 68-D5-0014

Lab Code: IEACT Case No.: _____ SAS No.: _____ SDG No.: A2797

Matrix: (soil/water) SOIL Lab Sample ID: 992797A-01

Sample wt/vol: 30 (g/mL) G Lab File ID: >R5089

Level: (low/med) LOW Date Received: 10/23/99

% Moisture: 19 decanted: (Y/N) N Date Extracted: 10/28/99

Concentrated Extract Volume: 2000 (uL) Date Analyzed: 11/17/99

Injection Volume: 2.0 (uL) Dilution Factor: 1000.0

GPC Cleanup: (Y/N) Y pH: 7.3

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	4100000	U
100-02-7	4-Nitrophenol	4100000	U
132-64-9	Dibenzofuran	1600000	U
121-14-2	2,4-Dinitrotoluene	1600000	U
84-66-2	Diethylphthalate	1600000	U
7005-72-3	4-Chlorophenyl-phenylether	1600000	U
86-73-7	Fluorene	500000	J
100-01-6	4-Nitroaniline	4100000	U
534-52-1	4,6-Dinitro-2-methylphenol	4100000	U
86-30-6	N-Nitrosodiphenylamine (1)	1600000	U
101-55-3	4-Bromophenyl-phenylether	1600000	U
118-74-1	Hexachlorobenzene	1600000	U
87-86-5	Pentachlorophenol	4100000	U
85-01-8	Phenanthrene	2300000	B
120-12-7	Anthracene	590000	JB
86-74-8	Carbazole	1600000	U
84-74-2	Di-n-butylphthalate	1600000	U
206-44-0	Fluoranthene	780000	JB
129-00-0	Pyrene	1600000	B
85-68-7	Butylbenzylphthalate	1600000	U
91-94-1	3,3'-Dichlorobenzidine	1600000	U
56-55-3	Benzo(a)anthracene	450000	J
218-01-9	Chrysene	410000	J
117-81-7	bis(2-Ethylhexyl)phthalate	1600000	U
117-84-0	Di-n-octylphthalate	1600000	U
205-99-2	Benzo(b)fluoranthene	200000	J
207-08-9	Benzo(k)fluoranthene	240000	J
50-32-8	Benzo(a)pyrene	430000	J
193-39-5	Indeno(1,2,3-cd)pyrene	150000	J
53-70-3	Dibenz(a,h)anthracene	56000	J
191-24-2	Benzo(g,h,i)perylene	150000	J

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

MW5D (2.0-4.0)

Lab Name: Severn Trent Laboratories- CT Contract:

Lab Code: STLCT Case No. SAS No. SDG No. A2797

Matrix (soil/water) SOIL Lab Sample ID: 992797A-01

Sample wt/vol: 30 G Lab File ID: R5089

Level: (low/ med) LOW Date Received: 10/23/99

% Moisture: 19 decanted: (Y/N) N Date Extracted: 10/28/99

Concentrated Extract Volume: 2000 uL Date Analyzed: 11/17/99

Injection Volume: 2 uL Dilution Factor: 1000

GPC Cleanup: (Y/N) Y pH 7.28

Number TIC's Found: 10 CONCENTRATION UNITS (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST CONC	Q
1.	UNKNOWN METHYLNAPHTHALENE	14.95	1400000	J
2.	UNKNOWN C9H18 ISOMER	10.80	1300000	J
3. 6311484	DIBENZYLIDENE 4,4'-BIPHENYLENEDI	26.65	880000	JN
4.	UNKNOWN , MW 388	28.36	740000	J
5.	UNKNOWN PAH, MW 192	21.38	630000	J
6.	UNKNOWN C12H10 ISOMER	15.74	420000	J
7.	UNKNOWN DIMETHYLNAPHTHALENE	16.26	400000	J
8.	UNKNOWN PAH, MW 192	21.19	400000	J
9.	UNKNOWN DIMETHYLNAPHTHALENE	16.07	350000	J
10.	UNKNOWN PAH, MW 192	21.13	330000	J
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1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: STL-CT Contract: _____ Client ID: MW5D (2.0-4.0)

Lab Code: IEACT Case No.: 2797A SDG No.: A2797

Matrix: (soil/water): SOIL Lab Sample ID: 992797A-01

Sample wt/vol: 30.1 (g/ml) G Lab File ID: D5044105

% Moisture: 13 decanted: (Y/N) __ Date Received : 10/23/99

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 10/26/99

Concentrated Extract Volume: 10000 (ul) Date Analyzed : 11/03/99

Injection Volume: 1.0 (uL) Dilution Factor: 500.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1600	
319-85-7	beta-BHC	970	U
319-86-8	delta-BHC	970	U
58-89-9	gamma-BHC (Lindane)	970	U
76-44-8	Heptachlor	970	U
309-00-2	Aldrin	970	U
1024-57-3	Heptachlor Epoxide	970	U
959-98-8	Endosulfan I	970	U
60-57-1	Dieldrin	1900	U
72-55-9	4,4'-DDE	1900	U
72-20-8	Endrin	1900	U
33213-65-9	Endosulfan II	1900	U
72-54-8	4,4'-DDD	1900	U
1031-07-8	Endosulfan Sulfate	1900	U
50-29-3	4,4'-DDT	1900	U
72-43-5	Methoxychlor	13000	
53494-70-5	Endrin ketone	1900	U
7421-93-4	Endrin aldehyde	1900	U
5103-71-9	alpha-Chlordane	970	U
5103-74-2	gamma-Chlordane	970	U
8001-35-2	Toxaphene	19000	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: STL-CT Contract: _____ Client ID: MW5D (2.0-4.0)

Lab Code: IEACT Case No.: 2797A SDG No.: A2797

Matrix: (soil/water): SOIL Lab Sample ID: 992797A-01

Sample wt/vol: 30.1 (g/ml) G Lab File ID: D5044134

% Moisture: 13 decanted: (Y/N) __ Date Received : 10/23/99

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 10/26/99

Concentrated Extract Volume: 10000 (ul) Date Analyzed : 11/04/99

Injection Volume: 1.0 (uL) Dilution Factor: 100.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	3800	U
11104-28-2	Aroclor-1221	7700	U
11141-16-5	Aroclor-1232	3800	U
53469-21-9	Aroclor-1242	3800	U
12672-29-6	Aroclor-1248	3800	U
11097-69-1	Aroclor-1254	3800	U
11096-82-5	Aroclor-1260	3800	U