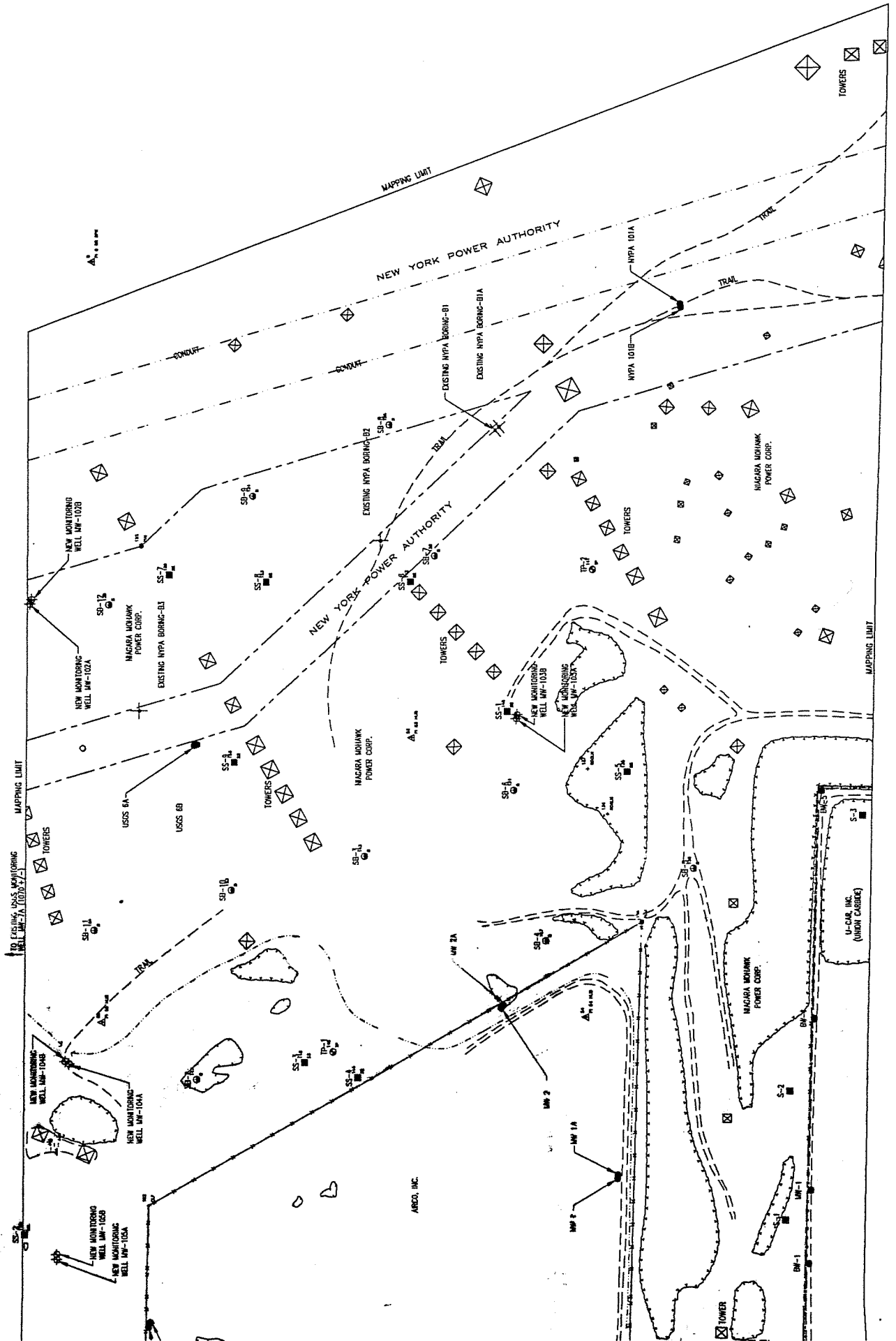


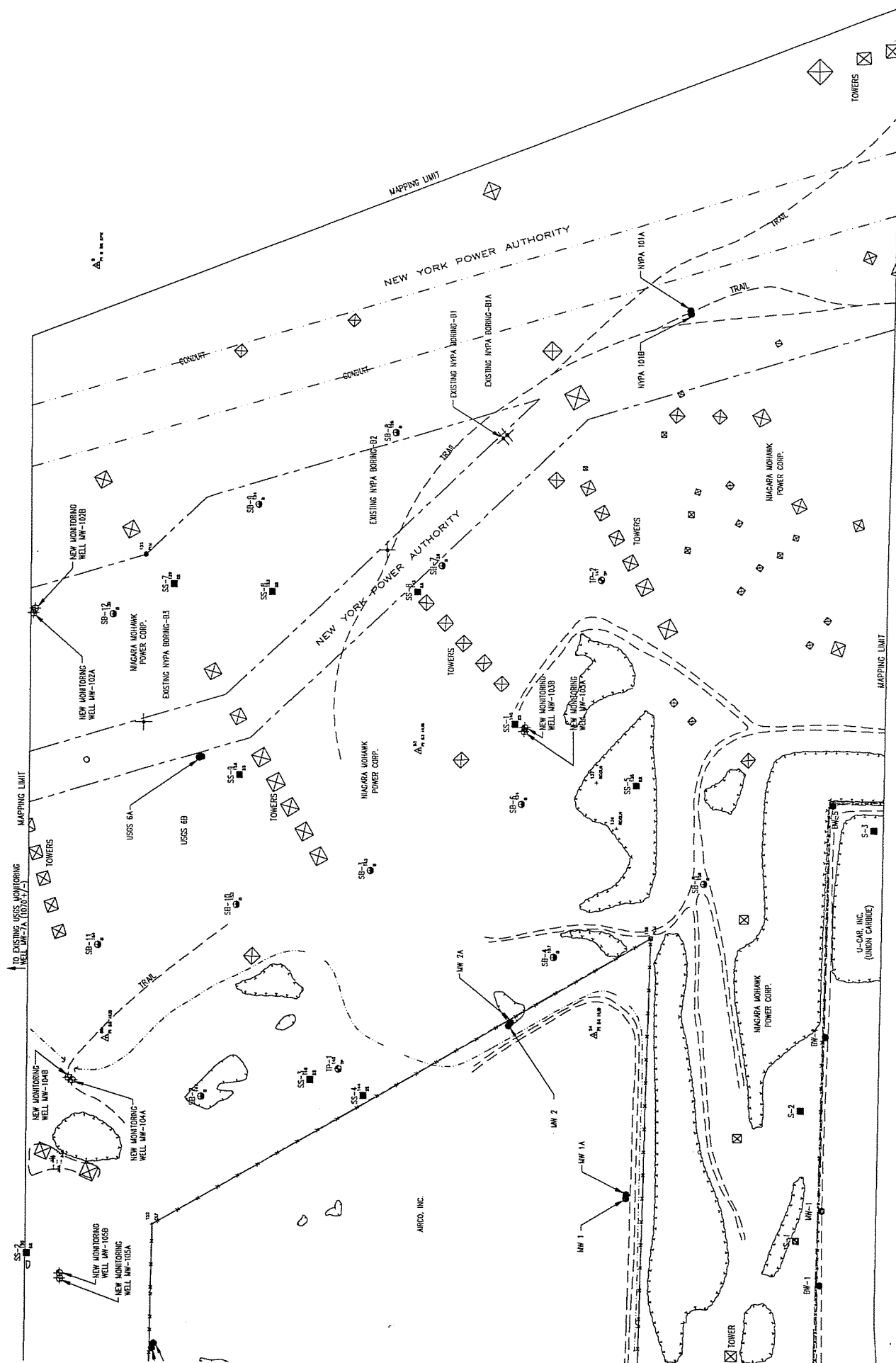
VANADIUM CORP. OF AMERICA
SITE #932001
IIWA SAMPLING DATA
GROUNDWATER
VOLUME IV OF IV

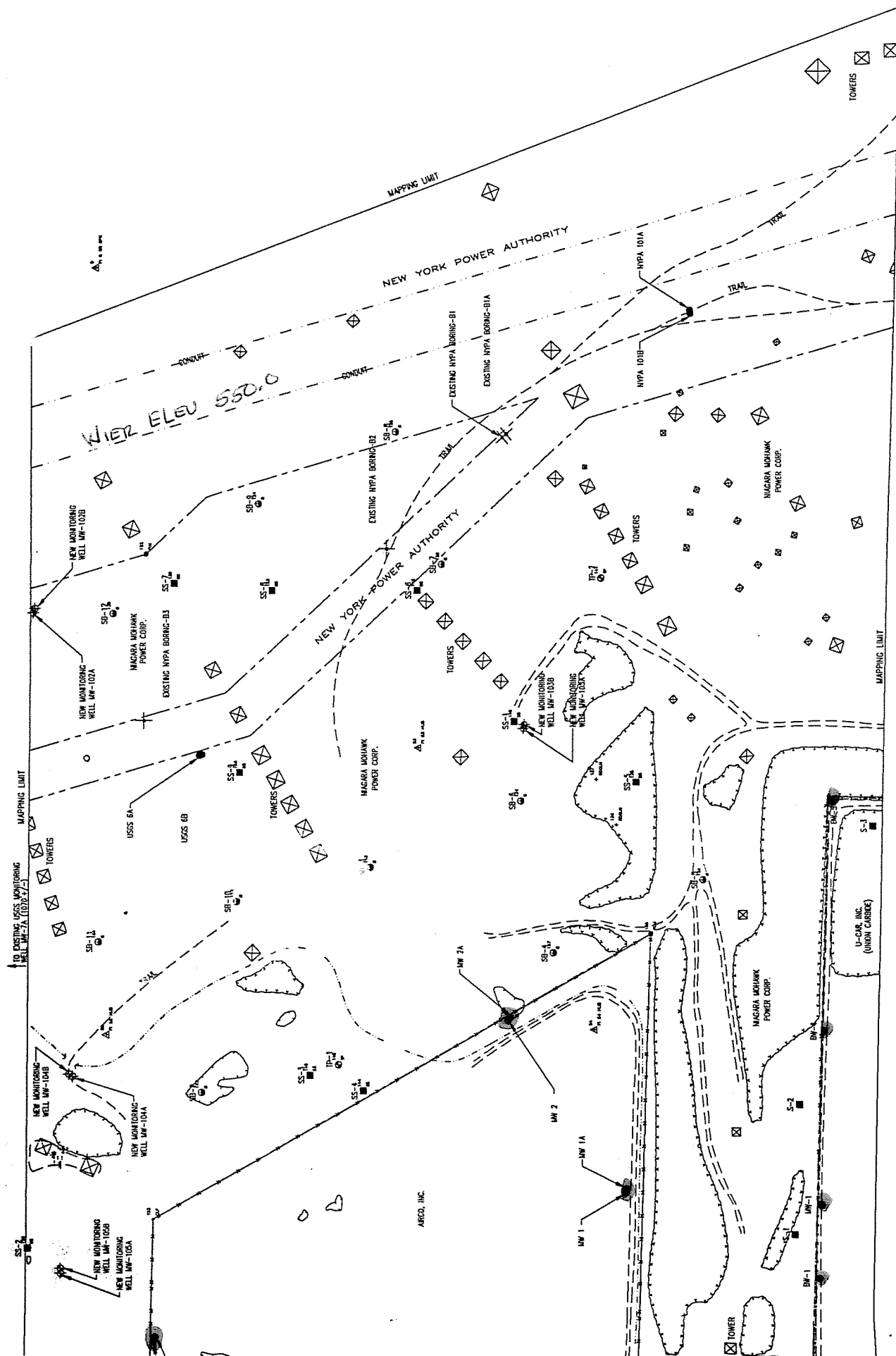
9

12

GROUNDWATER







DONE
OK

TABLE

DRILL WATER SAMPLE Volatile Organic Compounds (ug/l)	
Parameter	Drill Water
Acetone	17
Chloroform	24
Bromodichloromethane	10
Toluene	1J
Ethylbenzene	1J

DRILL WATER SAMPLE Semivolatile Organic Compounds (ug/l)	
Parameter	Drill Water
Di-n-Butylphthalate	2J
bis (2-ethylhexyl) Phthalate	2J

DRILL WATER SAMPLE Inorganic Compounds (ug/l)	
Parameter	Drill Water
Aluminum	1360E
Antimony	4.9
Arsenic	4.6
Barium	28.7
Beryllium	0.42
Cadmium	2.1
Chromium	13.1
Cobalt	6.3
Copper	16.9
Iron	1260
Lead	4.5
Magnesium	20100
Manganese	65.4
Mercury	0.1
Nickel	4.8
Potassium	529
Selenium	4.6
Silver	2.4
Sodium	8450
Thallium	3.1
Vanadium	12.1
Zinc	64.6
Hexavalent Chrome	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

DEC SAMPLE NO.

A59265

Lab Name: E & E INC.

Contract: C003181

Lab Code: EANDE

Case No.: SH996

SAS No.:

SDG No.: 1023

Matrix: (soil/water) WATER

Lab Sample ID: 55140

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: D1459

Level: (low/med) LOW

Date Received: 10/30/96

% Moisture: not dec.

Date Analyzed: 11/01/96

GC Column: DB-624

ID: 0.530 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

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

CAS NO. COMPOUND Q

74-87-3-----	Chloromethane	10	U
74-83-9-----	Bromomethane	10	U
75-01-4-----	Vinyl Chloride	10	U
75-00-3-----	Chloroethane	10	U
75-09-2-----	Methylene Chloride	10	U
67-64-1-----	Acetone	17	✓
75-15-0-----	Carbon Disulfide	10	U
75-35-4-----	1,1-Dichloroethene	10	U
75-34-3-----	1,1-Dichloroethane	10	U
540-59-0-----	1,2-Dichloroethene (total)	10	U
67-66-3-----	Chloroform	24	✓
107-06-2-----	1,2-Dichloroethane	10	U
78-93-3-----	2-Butanone	10	U
71-55-6-----	1,1,1-Trichloroethane	10	U
56-23-5-----	Carbon Tetrachloride	10	U
75-27-4-----	Bromodichloromethane	10	✓
78-87-5-----	1,2-Dichloropropane	10	U
10061-01-5-----	cis-1,3-Dichloropropene	10	U
79-01-6-----	Trichloroethene	10	U
124-48-1-----	Dibromochloromethane	10	U
79-00-5-----	1,1,2-Trichloroethane	10	U
71-43-2-----	Benzene	10	U
10061-02-6-----	trans-1,3-Dichloropropene	10	U
75-25-2-----	Bromoform	10	U
108-10-1-----	4-Methyl-2-Pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	10	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10	U
108-88-3-----	Toluene	1	J
108-90-7-----	Chlorobenzene	10	J
100-41-4-----	Ethylbenzene	1	J
100-42-5-----	Styrene	10	U
1330-20-7-----	Xylene (total)	10	U

FORM I VOA

12/91

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

DEC SAMPLE NO.

A59265

Lab Name: E & E INC.

Contract: C003181

Lab Code: EANDE

Case No.: SH996

SAS No.:

SDG No.: 1023

Matrix: (soil/water) WATER

Lab Sample ID: 55140

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: D1459

Level: (low/med) LOW

Date Received: 10/30/96

% Moisture: not dec.

Date Analyzed: 11/01/96

GC Column: DB-624 ID: 0.530 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Drill Water

DEC SAMPLE NO.

A59265

Lab Name: E & E INC.

Contract: C003181

Lab Code: EAND E

Case No.: SH996

SAS No.:

SDG No.: 1023

Matrix: (soil/water) WATER

Lab Sample ID: 55149

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: B1638

Level: (low/med) LOW

Date Received: 10/30/96

% Moisture: decanted: (Y/N)

Date Extracted: 11/01/96

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 11/04/96

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

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

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

CAS NO.

COMPOUND

Q

108-95-2-----	Phenol	10	U
111-44-4-----	bis(2-Chloroethyl) Ether	10	U
95-57-8-----	2-Chlorophenol	10	U
541-73-1-----	1,3-Dichlorobenzene	10	U
106-46-7-----	1,4-Dichlorobenzene	10	U
95-50-1-----	1,2-Dichlorobenzene	10	U
95-48-7-----	2-Methylphenol	10	U
108-60-1-----	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5-----	4-Methylphenol	10	U
621-64-7-----	N-Nitroso-Di-n-Propylamine	10	U
67-72-1-----	Hexachloroethane	10	U
98-95-3-----	Nitrobenzene	10	U
78-59-1-----	Isophorone	10	U
88-75-5-----	2-Nitrophenol	10	U
105-67-9-----	2,4-Dimethylphenol	10	U
111-91-1-----	bis(2-Chloroethoxy) Methane	10	U
120-83-2-----	2,4-Dichlorophenol	10	U
120-82-1-----	1,2,4-Trichlorobenzene	10	U
91-20-3-----	Naphthalene	10	U
106-47-8-----	4-Chloroaniline	10	U
87-68-3-----	Hexachlorobutadiene	10	U
59-50-7-----	4-Chloro-3-Methylphenol	10	U
91-57-6-----	2-Methylnaphthalene	10	U
77-47-4-----	Hexachlorocyclopentadiene	10	U
88-06-2-----	2,4,6-Trichlorophenol	10	U
95-95-4-----	2,4,5-Trichlorophenol	25	U
91-58-7-----	2-Chloronaphthalene	10	U
88-74-4-----	2-Nitroaniline	25	U
131-11-3-----	Dimethylphthalate	10	U
208-96-8-----	Acenaphthylene	10	U
606-20-2-----	2,6-Dinitrotoluene	10	U
99-09-2-----	3-Nitroaniline	25	U
83-32-9-----	Acenaphthene	10	U

FORM I SV-1

12/91

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

DEC SAMPLE NO.

A59265

Lab Name: E & E INC.

Contract: C003181

Lab Code: EANDE

Case No.: SH996

SAS No.:

SDG No.: 1023

Matrix: (soil/water) WATER

Lab Sample ID: 55149

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: B1638

Level: (low/med) LOW

Date Received: 10/30/96

% Moisture: decanted: (Y/N)

Date Extracted: 11/01/96

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 11/04/96

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

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

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

CAS NO.

COMPOUND

Q

51-28-5-----	2,4-Dinitrophenol	25	U
100-02-7-----	4-Nitrophenol	25	U
132-64-9-----	Dibenzofuran	10	U
121-14-2-----	2,4-Dinitrotoluene	10	U
84-66-2-----	Diethylphthalate	10	U
7005-72-3-----	4-Chlorophenyl-phenylether	10	U
86-73-7-----	Fluorene	10	U
100-01-6-----	4-Nitroaniline	25	U
534-52-1-----	4,6-Dinitro-2-methylphenol	25	U
86-30-6-----	N-Nitrosodiphenylamine (1)	10	U
101-55-3-----	4-Bromophenyl-phenylether	10	U
118-74-1-----	Hexachlorobenzene	10	U
87-86-5-----	Pentachlorophenol	25	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	10	U
86-74-8-----	Carbazole	10	U
84-74-2-----	Di-n-Butylphthalate	2	J
206-44-0-----	Fluoranthene	10	U
129-00-0-----	Pyrene	10	U
85-68-7-----	Butylbenzylphthalate	10	U
91-94-1-----	3,3'-Dichlorobenzidine	10	U
56-55-3-----	Benzo(a)Anthracene	10	U
218-01-9-----	Chrysene	10	U
117-81-7-----	bis(2-Ethylhexyl)Phthalate	2	J
117-84-0-----	Di-n-Octyl Phthalate	10	U
205-99-2-----	Benzo(b)Fluoranthene	10	U
207-08-9-----	Benzo(k)Fluoranthene	10	U
50-32-8-----	Benzo(a)Pyrene	10	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3-----	Dibenz(a,h)Anthracene	10	U
191-24-2-----	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-2

12/91

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

DEC SAMPLE NO.

A59265

Lab Name: E & E INC.

Contract: C003181

Lab Code: EAND E

Case No.: SH996

SAS No.:

SDG No.: 1023

Matrix: (soil/water) WATER

Lab Sample ID: 55149

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: B1638

Level: (low/med) LOW

Date Received: 10/30/96

% Moisture: decanted: (Y/N)

Date Extracted: 11/01/96

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 11/04/96

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: 8.5

Number TICs found: 13

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Cyclohexenol isomer	7.43	6	BJ
2.	Chlorocyclohexene isomer	7.84	8	BJ
3.	Cyclohexenone isomer	8.54	3	BJ
4.	Trichloropropene isomer	8.88	4	BJ
5.	Unknown	11.01	91	J
6.	Dichlorocyclohexane isomer	11.90	11	BJ
7.	Unknown	13.62	4	BJ
8.	Unknown	15.09	7	J
9.	Unknown	25.77	2	J
10.	Unknown	29.16	2	J
11.	Unknown	29.32	7	BJ
12. 103-23-1	bis (2-ethylhexyl) este Hexa	32.06	10	JN
13.	Unknown	36.43	11	BJ

1
INORGANIC ANALYSES DATA SHEET

NYSDEC SAMPLE NO.

A59265

Lab Name: ECOLOGY_AND_ENVIRONMENT Contract: C003181

Lab Code: EANDE Case No.: SH996 SAS No.: SDG No.: 1023

Matrix (soil/water): WATER

Lab Sample ID: 55140

Level (low/med): LOW

Date Received: 10/30/96

% 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	1360	-	E	P
7440-36-0	Antimony	4.9	U		P
7440-38-2	Arsenic	4.6	U		P
7440-39-3	Barium	28.7	B		P
7440-41-7	Beryllium	0.42	B		P
7440-43-9	Cadmium	2.1	U		P
7440-70-2	Calcium	72100	-		P
7440-47-3	Chromium	13.1	-		P
7440-48-4	Cobalt	6.3	B		P
7440-50-8	Copper	16.9	B		P
7439-89-6	Iron	1260	-		P
7439-92-1	Lead	4.5	-		P
7439-95-4	Magnesium	20100	-		P
7439-96-5	Manganese	65.4	-		P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	4.8	U		P
7440-09-7	Potassium	529	B		P
7782-49-2	Selenium	4.6	U		P
7440-22-4	Silver	2.4	B	N	P
7440-23-5	Sodium	8450	-	E	P
7440-28-0	Thallium	3.1	U		P
7440-62-2	Vanadium	12.1	B		P
7440-66-6	Zinc	64.6	-		P
	Cyanide		-		NR

Color Before: CL

Clarity Before: C

Texture:

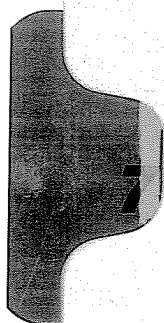
Color After: CL

Clarity After: C

Artifacts:

Comments:

**A-ZONE (OVERBURDEN)
GROUNDWATER SAMPLES**



TABLE

GROUNDWATER OVERBURDEN SAMPLE Volatile Organic Compounds (ug/l)						
Parameter	GW STD.	MW-3A	MW-4A	MW-5A	MW-7A	TRIP BLANK
1,2-Dichloroethene (total)				1J		

GROUNDWATER OVERBURDEN SAMPLE Semivolatile Organic Compounds (ug/l)					
Parameter	GW STD.	MW-3A	MW-4	MW-5A	MW-7A
bis (2-ethylhexyl) Phthalate		1BJ	2BJ	1BJ	2 BJ

Note: Detected Compounds Only

TABLE (Cont)

GROUNDWATER OVERBURDEN SAMPLE Inorganic Compounds (ug/l)					
Parameter	GW STD	MW-3A	MW-4A	MW-5A	MW-7A
Aluminum	100	5060	4950	8650	8360
Antimony		4.8	4.8	4.8	4.8
Arsenic	360	2.5	4.6	3.8	5.5
Barium		218	146	121	108
Beryllium		0.10	0.10	0.10	0.84
Cadmium		1.1	0.20	0.65	1.5
Chromium		7.5	5.9	10.4	2.9
Cobalt		1.8	4.0	6.4	13.7
Copper		6.4	4.6	8.3	295
Iron	300	7910	10900	8980	6860
Lead		31.7	90.3	17.6	35.0
Magnesium		142000	69300	87200	54800
Manganese		386	455	1200	2780
Mercury		0.10	0.10	0.10	0.10
Nickel		5.6	11.6	19.7	10.2
Potassium		1530	1850	3140	1630
Selenium		4.5	4.5	4.5	11.3
Silver		1.5	1.0	1.0	1.0
Sodium		58500E	134000E	108000E	15700
Thallium	20	3.0	3.0	3.0	3.0
Vanadium	190	5.3	5.6	8.0	1.5
Zinc		287	585	1020	1390
Hexavalent Chrome	16	23.6	18.8	26.3	3.0

E - Estimated exceeds quantification limit
Shaded areas indicate exceedance of groundwater standards

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GROUNDWATER OVERBURDEN SAMPLE Volatile Organic Compounds (ug/l)						
Parameter	SW STD.	MW-3A	MW-4A	MW-5A	MW-7A	TRIP BLANK
Methylene Chloride						
Acetone						
1,2-Dichloroethene (total)				1J		

GROUNDWATER OVERBURDEN SAMPLE Semivolatile Organic Compounds (ug/l)					
Parameter	GW STD.	MW-3A	MW-4	MW-5A	MW-7A
Acenaphthene					
Diethylphthalate					
Flourene					
Pentachlorophenol					
Phenanthrene					
Anthracene					
Carbazole					
Flouranthene					
Pyrene					
Benzo (a) Antracene					
Chrysene					
bis (2-ethylhexyl) Phthalate		1BJ	2BJ	1BJ	2 BJ
Benzo (b) Flouranthene					
Benzo (k) Flouranthene					
Benzo (a) Pyrene					
Indeno (1,2,3-cd) Pyrene					
Dibenz (a,h) Anthracene					
Benzo (g,h,i) Perylene					

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GROUNDWATER OVERBURDEN SAMPLE Inorganic Compounds (ug/l)					
Parameter	GW STD	MW-3A	MW-4A	MW-5A	MW-7A
Aluminum	100	5060	4950	8650	8360
Antimony		4.8	4.8	4.8	4.8
Arsenic	360	2.5	4.6	3.8	5.5
Barium		218	146	121	108
Beryllium		0.10	0.10	0.10	0.84
Cadmium		1.1	0.20	0.65	1.5
Chromium		7.5	5.9	10.4	2.9
Cobalt		1.8	4.0	6.4	13.7
Copper		6.4	4.6	8.3	295
Iron	300	7910	10900	8980	6860
Lead		31.7	90.3	17.6	35.0
Magnesium		142000	69300	87200	54800
Manganese		386	455	1200	2780
Mercury		0.10	0.10	0.10	0.10
Nickel		5.6	11.6	19.7	10.2
Potassium		1530	1850	3140	1630
Selenium		4.5	4.5	4.5	11.3
Silver		1.5	1.0	1.0	1.0
Sodium		58500E	134000E	108000E	15700
Thallium	20	3.0	3.0	3.0	3.0
Vanadium	190	5.3	5.6	8.0	1.5
Zinc		287	585	1020	1390
Hexavalent Chrome	16	23.6	18.8	26.3	3.0

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

MW-3B A
DEC SAMPLE NO.

A59240

Lab Name: E & E INC.

Contract: C003181

Lab Code: EANDE

Case No.: SH996

SAS No.:

SDG No.: 1104

Matrix: (soil/water) WATER

Lab Sample ID: 55643

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: H8716

Level: (low/med) LOW

Date Received: 11/07/96

% Moisture: not dec.

Date Analyzed: 11/08/96

GC Column: DB-624

ID: 0.530 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

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

CAS NO.

COMPOUND

Q

74-87-3-----	Chloromethane	10	U
74-83-9-----	Bromomethane	10	U
75-01-4-----	Vinyl Chloride	10	U
75-00-3-----	Chloroethane	10	U
75-09-2-----	Methylene Chloride	10	U
67-64-1-----	Acetone	10	U
75-15-0-----	Carbon Disulfide	10	U
75-35-4-----	1,1-Dichloroethene	10	U
75-34-3-----	1,1-Dichloroethane	10	U
540-59-0-----	1,2-Dichloroethene (total)	10	U
67-66-3-----	Chloroform	10	U
107-06-2-----	1,2-Dichloroethane	10	U
78-93-3-----	2-Butanone	10	U
71-55-6-----	1,1,1-Trichloroethane	10	U
56-23-5-----	Carbon Tetrachloride	10	U
75-27-4-----	Bromodichloromethane	10	U
78-87-5-----	1,2-Dichloropropane	10	U
10061-01-5-----	cis-1,3-Dichloropropene	10	U
79-01-6-----	Trichloroethene	10	U
124-48-1-----	Dibromochloromethane	10	U
79-00-5-----	1,1,2-Trichloroethane	10	U
71-43-2-----	Benzene	10	U
10061-02-6-----	trans-1,3-Dichloropropene	10	U
75-25-2-----	Bromoform	10	U
108-10-1-----	4-Methyl-2-Pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	10	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10	U
108-88-3-----	Toluene	10	U
108-90-7-----	Chlorobenzene	10	U
100-41-4-----	Ethylbenzene	10	U
100-42-5-----	Styrene	10	U
1330-20-7-----	Xylene (total)	10	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

DEC SAMPLE NO.

A59240

Lab Name: E & E INC.

Contract: C003181

Lab Code: EANDE

Case No.: SH996

SAS No.:

SDG No.: 1104

Matrix: (soil/water) WATER

Lab Sample ID: 55643

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: H8716

Level: (low/med) LOW

Date Received: 11/07/96

% Moisture: not dec.

Date Analyzed: 11/08/96

GC Column: DB-624 ID: 0.530 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

MW - 4A
DEC SAMPLE NO.

A59242

Lab Name: E & E INC.

Contract: C003181

Lab Code: EANDE

Case No.: SH996

SAS No.:

SDG No.: 1104

Matrix: (soil/water) WATER

Lab Sample ID: 55645

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: H8717

Level: (low/med) LOW

Date Received: 11/07/96

% Moisture: not dec.

Date Analyzed: 11/08/96

GC Column: DB-624

ID: 0.530 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
---------	----------	--	---

74-87-3-----	Chloromethane	10	U
74-83-9-----	Bromomethane	10	U
75-01-4-----	Vinyl Chloride	10	U
75-00-3-----	Chloroethane	10	U
75-09-2-----	Methylene Chloride	10	U
67-64-1-----	Acetone	10	U
75-15-0-----	Carbon Disulfide	10	U
75-35-4-----	1,1-Dichloroethene	10	U
75-34-3-----	1,1-Dichloroethane	10	U
540-59-0-----	1,2-Dichloroethene (total)	10	U
67-66-3-----	Chloroform	10	U
107-06-2-----	1,2-Dichloroethane	10	U
78-93-3-----	2-Butanone	10	U
71-55-6-----	1,1,1-Trichloroethane	10	U
56-23-5-----	Carbon Tetrachloride	10	U
75-27-4-----	Bromodichloromethane	10	U
78-87-5-----	1,2-Dichloropropane	10	U
10061-01-5-----	cis-1,3-Dichloropropene	10	U
79-01-6-----	Trichloroethene	10	U
124-48-1-----	Dibromochloromethane	10	U
79-00-5-----	1,1,2-Trichloroethane	10	U
71-43-2-----	Benzene	10	U
10061-02-6-----	trans-1,3-Dichloropropene	10	U
75-25-2-----	Bromoform	10	U
108-10-1-----	4-Methyl-2-Pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	10	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10	U
108-88-3-----	Toluene	10	U
108-90-7-----	Chlorobenzene	10	U
100-41-4-----	Ethylbenzene	10	U
100-42-5-----	Styrene	10	U
1330-20-7-----	Xylene (total)	10	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

DEC SAMPLE NO.

A59242

Lab Name: E & E INC.

Contract: C003181

Lab Code: EANDE

Case No.: SH996

SAS No.:

SDG No.: 1104

Matrix: (soil/water) WATER

Lab Sample ID: 55645

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: H8717

Level: (low/med) LOW

Date Received: 11/07/96

% Moisture: not dec.

Date Analyzed: 11/08/96

GC Column: DB-624 ID: 0.530 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NW-54
DEC SAMPLE NO.

A59244

Lab Name: E & E INC.

Contract: C003181

Lab Code: EANDE

Case No.: SH996

SAS No.:

SDG No.: 1104

Matrix: (soil/water) WATER

Lab Sample ID: 55647

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: H8737

Level: (low/med) LOW

Date Received: 11/07/96

% Moisture: not dec.

Date Analyzed: 11/09/96

GC Column: DB-624

ID: 0.530 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
---------	----------	--	---

74-87-3-----	Chloromethane	10	U
74-83-9-----	Bromomethane	10	U
75-01-4-----	Vinyl Chloride	10	U
75-00-3-----	Chloroethane	10	U
75-09-2-----	Methylene Chloride	10	U
67-64-1-----	Acetone	10	U
75-15-0-----	Carbon Disulfide	10	U
75-35-4-----	1,1-Dichloroethene	10	U
75-34-3-----	1,1-Dichloroethane	10	U
540-59-0-----	1,2-Dichloroethene (total)	1	J
67-66-3-----	Chloroform	10	U
107-06-2-----	1,2-Dichloroethane	10	U
78-93-3-----	2-Butanone	10	U
71-55-6-----	1,1,1-Trichloroethane	10	U
56-23-5-----	Carbon Tetrachloride	10	U
75-27-4-----	Bromodichloromethane	10	U
78-87-5-----	1,2-Dichloropropane	10	U
10061-01-5-----	cis-1,3-Dichloropropene	10	U
79-01-6-----	Trichloroethene	10	U
124-48-1-----	Dibromochloromethane	10	U
79-00-5-----	1,1,2-Trichloroethane	10	U
71-43-2-----	Benzene	10	U
10061-02-6-----	trans-1,3-Dichloropropene	10	U
75-25-2-----	Bromoform	10	U
108-10-1-----	4-Methyl-2-Pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	10	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10	U
108-88-3-----	Toluene	10	U
108-90-7-----	Chlorobenzene	10	U
100-41-4-----	Ethylbenzene	10	U
100-42-5-----	Styrene	10	U
1330-20-7-----	Xylene (total)	10	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

DEC SAMPLE NO.

A59244

Lab Name: E & E INC.

Contract: C003181

Lab Code: EANDE

Case No.: SH996

SAS No.:

SDG No.: 1104

Matrix: (soil/water) WATER

Lab Sample ID: 55647

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: H8737

Level: (low/med) LOW

Date Received: 11/07/96

% Moisture: not dec.

Date Analyzed: 11/09/96

GC Column: DB-624 ID: 0.530 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

A59246

Lab Name: E & E INC.

Contract: C003181

Lab Code: EANDE

Case No.: SH996

SAS No.:

SDG No.: 1104

Matrix: (soil/water) WATER

Lab Sample ID: 55649

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: H8739

Level: (low/med) LOW

Date Received: 11/07/96

% Moisture: not dec.

Date Analyzed: 11/09/96

GC Column: DB-624

ID: 0.530 (mm)

Dilution Factor: 1.0

Soil Extract Volume:

(uL)

Soil Aliquot Volume: (uL)

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

CAS NO.

COMPOUND

Q

74-87-3-----	Chloromethane	10	U
74-83-9-----	Bromomethane	10	U
75-01-4-----	Vinyl Chloride	10	U
75-00-3-----	Chloroethane	10	U
75-09-2-----	Methylene Chloride	10	U
67-64-1-----	Acetone	10	U
75-15-0-----	Carbon Disulfide	10	U
75-35-4-----	1,1-Dichloroethene	10	U
75-34-3-----	1,1-Dichloroethane	10	U
540-59-0-----	1,2-Dichloroethene (total)	10	U
67-66-3-----	Chloroform	10	U
107-06-2-----	1,2-Dichloroethane	10	U
78-93-3-----	2-Butanone	10	U
71-55-6-----	1,1,1-Trichloroethane	10	U
56-23-5-----	Carbon Tetrachloride	10	U
75-27-4-----	Bromodichloromethane	10	U
78-87-5-----	1,2-Dichloropropane	10	U
10061-01-5-----	cis-1,3-Dichloropropene	10	U
79-01-6-----	Trichloroethene	10	U
124-48-1-----	Dibromochloromethane	10	U
79-00-5-----	1,1,2-Trichloroethane	10	U
71-43-2-----	Benzene	10	U
10061-02-6-----	trans-1,3-Dichloropropene	10	U
75-25-2-----	Bromoform	10	U
108-10-1-----	4-Methyl-2-Pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	10	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10	U
108-88-3-----	Toluene	10	U
108-90-7-----	Chlorobenzene	10	U
100-41-4-----	Ethylbenzene	10	U
100-42-5-----	Styrene	10	U
1330-20-7-----	Xylene (total)	10	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

DEC SAMPLE NO.

A59246

Lab Name: E & E INC.

Contract: C003181

Lab Code: EANDE

Case No.: SH996

SAS No.:

SDG No.: 1104

Matrix: (soil/water) WATER

Lab Sample ID: 55649

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: H8739

Level: (low/med) LOW

Date Received: 11/07/96

% Moisture: not dec.

Date Analyzed: 11/09/96

GC Column: DB-624 ID: 0.530 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

DEC SAMPLE NO.

A59247

Lab Name: E & E INC.

Contract: C003181

Lab Code: EANDE

Case No.: SH996

SAS No.:

SDG No.: 1104

Matrix: (soil/water) WATER

Lab Sample ID: 55650

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: H8740

Level: (low/med) LOW

Date Received: 11/07/96

% Moisture: not dec.

Date Analyzed: 11/09/96

GC Column: DB-624

ID: 0.530 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

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

Q

CAS NO.

COMPOUND

74-87-3-----	Chloromethane	10	U
74-83-9-----	Bromomethane	10	U
75-01-4-----	Vinyl Chloride	10	U
75-00-3-----	Chloroethane	10	U
75-09-2-----	Methylene Chloride	10	U
67-64-1-----	Acetone	10	U
75-15-0-----	Carbon Disulfide	10	U
75-35-4-----	1,1-Dichloroethene	10	U
75-34-3-----	1,1-Dichloroethane	10	U
540-59-0-----	1,2-Dichloroethene (total)	10	U
67-66-3-----	Chloroform	10	U
107-06-2-----	1,2-Dichloroethane	10	U
78-93-3-----	2-Butanone	10	U
71-55-6-----	1,1,1-Trichloroethane	10	U
56-23-5-----	Carbon Tetrachloride	10	U
75-27-4-----	Bromodichloromethane	10	U
78-87-5-----	1,2-Dichloropropane	10	U
10061-01-5-----	cis-1,3-Dichloropropene	10	U
79-01-6-----	Trichloroethene	10	U
124-48-1-----	Dibromochloromethane	10	U
79-00-5-----	1,1,2-Trichloroethane	10	U
71-43-2-----	Benzene	10	U
10061-02-6-----	trans-1,3-Dichloropropene	10	U
75-25-2-----	Bromoform	10	U
108-10-1-----	4-Methyl-2-Pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	10	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10	U
108-88-3-----	Toluene	10	U
108-90-7-----	Chlorobenzene	10	U
100-41-4-----	Ethylbenzene	10	U
100-42-5-----	Styrene	10	U
1330-20-7-----	Xylene (total)	10	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

DEC SAMPLE NO.

A59247

Lab Name: E & E INC.

Contract: C003181

Lab Code: EANDE

Case No.: SH996

SAS No.:

SDG No.: 1104

Matrix: (soil/water) WATER

Lab Sample ID: 55650

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: H8740

Level: (low/med) LOW

Date Received: 11/07/96

% Moisture: not dec.

Date Analyzed: 11/09/96

GC Column: DB-624 ID: 0.530 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

MW-3A
NYSDEC SAMPLE NO.

A59240

Lab Name: E & E INC.

Contract: C003181

Lab Code: EANDE

Case No.: SH996

SAS No.:

SDG No.: 1104

Matrix: (soil/water) WATER

Lab Sample ID: 55643

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: B1702

Level: (low/med) LOW

Date Received: 11/07/96

% Moisture: decanted: (Y/N)

Date Extracted: 11/08/96

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 11/11/96

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: 7.1

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

CAS NO.

COMPOUND

Q

108-95-2-----	Phenol	10	U
111-44-4-----	bis(2-Chloroethyl) Ether	10	U
95-57-8-----	2-Chlorophenol	10	U
541-73-1-----	1,3-Dichlorobenzene	10	U
106-46-7-----	1,4-Dichlorobenzene	10	U
95-50-1-----	1,2-Dichlorobenzene	10	U
95-48-7-----	2-Methylphenol	10	U
108-60-1-----	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5-----	4-Methylphenol	10	U
621-64-7-----	N-Nitroso-Di-n-Propylamine	10	U
67-72-1-----	Hexachloroethane	10	U
98-95-3-----	Nitrobenzene	10	U
78-59-1-----	Isophorone	10	U
88-75-5-----	2-Nitrophenol	10	U
105-67-9-----	2,4-Dimethylphenol	10	U
111-91-1-----	bis(2-Chloroethoxy)Methane	10	U
120-83-2-----	2,4-Dichlorophenol	10	U
120-82-1-----	1,2,4-Trichlorobenzene	10	U
91-20-3-----	Naphthalene	10	U
106-47-8-----	4-Chloroaniline	10	U
87-68-3-----	Hexachlorobutadiene	10	U
59-50-7-----	4-Chloro-3-Methylphenol	10	U
91-57-6-----	2-Methylnaphthalene	10	U
77-47-4-----	Hexachlorocyclopentadiene	10	U
88-06-2-----	2,4,6-Trichlorophenol	10	U
95-95-4-----	2,4,5-Trichlorophenol	25	U
91-58-7-----	2-Chloronaphthalene	10	U
88-74-4-----	2-Nitroaniline	25	U
131-11-3-----	Dimethylphthalate	10	U
208-96-8-----	Acenaphthylene	10	U
606-20-2-----	2,6-Dinitrotoluene	10	U
99-09-2-----	3-Nitroaniline	25	U
83-32-9-----	Acenaphthene	10	U

FORM I SV-1

12/91

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

A59240

Lab Name: E & E INC.

Contract: C003181

Lab Code: EANDE

Case No.: SH996

SAS No.:

SDG No.: 1104

Matrix: (soil/water) WATER

Lab Sample ID: 55643

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: B1702

Level: (low/med) LOW

Date Received: 11/07/96

% Moisture: decanted: (Y/N)

Date Extracted: 11/08/96

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 11/11/96

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.1

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

CAS NO.

COMPOUND

Q

51-28-5-----	2,4-Dinitrophenol	25	U
100-02-7-----	4-Nitrophenol	25	U
132-64-9-----	Dibenzofuran	10	U
121-14-2-----	2,4-Dinitrotoluene	10	U
84-66-2-----	Diethylphthalate	10	U
7005-72-3-----	4-Chlorophenyl-phenylether	10	U
86-73-7-----	Fluorene	10	U
100-01-6-----	4-Nitroaniline	25	U
534-52-1-----	4,6-Dinitro-2-methylphenol	25	U
86-30-6-----	N-Nitrosodiphenylamine (1)	10	U
101-55-3-----	4-Bromophenyl-phenylether	10	U
118-74-1-----	Hexachlorobenzene	10	U
87-86-5-----	Pentachlorophenol	25	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	10	U
86-74-8-----	Carbazole	10	U
84-74-2-----	Di-n-Butylphthalate	10	U
206-44-0-----	Fluoranthene	10	U
129-00-0-----	Pyrene	10	U
85-68-7-----	Butylbenzylphthalate	10	U
91-94-1-----	3,3'-Dichlorobenzidine	10	U
56-55-3-----	Benzo(a) Anthracene	10	U
218-01-9-----	Chrysene	10	U
117-81-7-----	bis(2-Ethylhexyl) Phthalate	1	BJ
117-84-0-----	Di-n-Octyl Phthalate	10	U
205-99-2-----	Benzo(b) Fluoranthene	10	U
207-08-9-----	Benzo(k) Fluoranthene	10	U
50-32-8-----	Benzo(a) Pyrene	10	U
193-39-5-----	Indeno(1,2,3-cd) Pyrene	10	U
53-70-3-----	Dibenz(a,h) Anthracene	10	U
191-24-2-----	Benzo(g,h,i) Perylene	10	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-2

12/91

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

A59240

Lab Name: E & E INC.

Contract: C003181

Lab Code: EANDE

Case No.: SH996

SAS No.:

SDG No.: 1104

Matrix: (soil/water) WATER

Lab Sample ID: 55643

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: B1702

Level: (low/med) LOW

Date Received: 11/07/96

% Moisture: decanted: (Y/N)

Date Extracted: 11/08/96

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 11/11/96

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: 7.1

Number TICs found: 18

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Cyclohexenol isomer	7.14	5	BJ
2.	Cyclohexanone isomer	8.28	2	BJ
3.	Trichloropropene isomer	8.62	3	BJ
4.	Unknown	13.35	3	BJ
5.	Unknown	29.15	13	BJ
6.	Unknown	31.54	3	BJ
7.	Unknown	31.63	4	BJ
8.	Straight-chain alkane	31.74	2	J
9.	Unknown	31.94	2	J
10.	Unknown	32.18	16	J
11.	Straight-chain alkane	33.79	2	J
12.	Unknown	34.28	4	BJ
13.	Straight-chain alkane	34.76	10	J
14.	Straight-chain alkane	35.73	10	J
15.	Unknown	36.15	5	J
16.	Straight-chain alkane	36.74	3	J
17.	Straight-chain alkane	37.89	2	J
18.	Unknown	40.56	6	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

A59242

Lab Name: E & E INC.

Contract: C003181

Lab Code: EANDE

Case No.: SH996

SAS No.:

SDG No.: 1104

Matrix: (soil/water) WATER

Lab Sample ID: 55645

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: B1704

Level: (low/med) LOW

Date Received: 11/07/96

% Moisture: decanted: (Y/N)

Date Extracted: 11/08/96

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 11/11/96

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.1

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

CAS NO.

COMPOUND

Q

108-95-2-----	Phenol	10	U
111-44-4-----	bis(2-Chloroethyl) Ether	10	U
95-57-8-----	2-Chlorophenol	10	U
541-73-1-----	1,3-Dichlorobenzene	10	U
106-46-7-----	1,4-Dichlorobenzene	10	U
95-50-1-----	1,2-Dichlorobenzene	10	U
95-48-7-----	2-Methylphenol	10	U
108-60-1-----	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5-----	4-Methylphenol	10	U
621-64-7-----	N-Nitroso-Di-n-Propylamine	10	U
67-72-1-----	Hexachloroethane	10	U
98-95-3-----	Nitrobenzene	10	U
78-59-1-----	Isophorone	10	U
88-75-5-----	2-Nitrophenol	10	U
105-67-9-----	2,4-Dimethylphenol	10	U
111-91-1-----	bis(2-Chloroethoxy)Methane	10	U
120-83-2-----	2,4-Dichlorophenol	10	U
120-82-1-----	1,2,4-Trichlorobenzene	10	U
91-20-3-----	Naphthalene	10	U
106-47-8-----	4-Chloroaniline	10	U
87-68-3-----	Hexachlorobutadiene	10	U
59-50-7-----	4-Chloro-3-Methylphenol	10	U
91-57-6-----	2-Methylnaphthalene	10	U
77-47-4-----	Hexachlorocyclopentadiene	10	U
88-06-2-----	2,4,6-Trichlorophenol	10	U
95-95-4-----	2,4,5-Trichlorophenol	25	U
91-58-7-----	2-Chloronaphthalene	10	U
88-74-4-----	2-Nitroaniline	25	U
131-11-3-----	Dimethylphthalate	10	U
208-96-8-----	Acenaphthylene	10	U
606-20-2-----	2,6-Dinitrotoluene	10	U
99-09-2-----	3-Nitroaniline	25	U
83-32-9-----	Acenaphthene	10	U

FORM I SV-1

12/91

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

A59242

Lab Name: E & E INC.

Contract: C003181

Lab Code: EANDE

Case No.: SH996

SAS No.:

SDG No.: 1104

Matrix: (soil/water) WATER

Lab Sample ID: 55645

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: B1704

Level: (low/med) LOW

Date Received: 11/07/96

% Moisture: decanted: (Y/N)

Date Extracted: 11/08/96

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 11/11/96

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.1

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

CAS NO.

COMPOUND

Q

51-28-5-----	2,4-Dinitrophenol	25	U
100-02-7-----	4-Nitrophenol	25	U
132-64-9-----	Dibenzofuran	10	U
121-14-2-----	2,4-Dinitrotoluene	10	U
84-66-2-----	Diethylphthalate	10	U
7005-72-3-----	4-Chlorophenyl-phenylether	10	U
86-73-7-----	Fluorene	10	U
100-01-6-----	4-Nitroaniline	25	U
534-52-1-----	4,6-Dinitro-2-methylphenol	25	U
86-30-6-----	N-Nitrosodiphenylamine (1)	10	U
101-55-3-----	4-Bromophenyl-phenylether	10	U
118-74-1-----	Hexachlorobenzene	10	U
87-86-5-----	Pentachlorophenol	25	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	10	U
86-74-8-----	Carbazole	10	U
84-74-2-----	Di-n-Butylphthalate	10	U
206-44-0-----	Fluoranthene	10	U
129-00-0-----	Pyrene	10	U
85-68-7-----	Butylbenzylphthalate	10	U
91-94-1-----	3,3'-Dichlorobenzidine	10	U
56-55-3-----	Benzo(a)Anthracene	10	U
218-01-9-----	Chrysene	10	U
117-81-7-----	bis(2-Ethylhexyl)Phthalate	2	BJ ✓
117-84-0-----	Di-n-Octyl Phthalate	10	U
205-99-2-----	Benzo(b)Fluoranthene	10	U
207-08-9-----	Benzo(k)Fluoranthene	10	U
50-32-8-----	Benzo(a)Pyrene	10	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3-----	Dibenz(a,h)Anthracene	10	U
191-24-2-----	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-2

12/91

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

A59242

Lab Name: E & E INC.

Contract: C003181

Lab Code: EANDE

Case No.: SH996

SAS No.:

SDG No.: 1104

Matrix: (soil/water) WATER

Lab Sample ID: 55645

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: B1704

Level: (low/med) LOW

Date Received: 11/07/96

% Moisture: decanted: (Y/N)

Date Extracted: 11/08/96

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 11/11/96

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: 7.1

Number TICs found: 16

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1.	Cyclohexenol isomer	7.18	3	J
2.	Xylene isomer	7.26	4	J
3.	Unknown	12.71	10	J
4.	Unknown	22.41	3	J
5.	Unknown carboxylic acid	24.00	2	J
6. 57-10-3	Hexadecanoic acid	26.72	2	JN
7.	Unknown	29.18	3	BJ
8.	Unknown	31.63	4	BJ
9.	Unknown	32.21	5	BJ
10.	Unknown	34.29	3	BJ
11.	Straight-chain alkane	34.75	5	J
12.	Straight-chain alkane	35.71	5	J
13.	Unknown	36.15	6	J
14.	Straight-chain alkane	36.74	11	J
15.	Straight-chain alkane	37.88	5	J
16.	Unknown	42.69	82	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

A59244

b Name: E & E INC.

Contract: C003181

Lab Code: EANDE

Case No.: SH996

SAS No. :

SDG No. : 1104

Matrix: (soil/water) WATER

Lab Sample ID: 55647

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: B1706

Level: (low/med) LOW

Date Received: 11/07/96

% Moisture: decanted: (Y/N)

Date Extracted: 11/08/96

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 11/11/96

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.1

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

CAS NO.

COMPOUND

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

Q

108-95-2-----Phenol	10	U
111-44-4-----bis(2-Chloroethyl) Ether	10	U
95-57-8-----2-Chlorophenol	10	U
541-73-1-----1,3-Dichlorobenzene	10	U
106-46-7-----1,4-Dichlorobenzene	10	U
95-50-1-----1,2-Dichlorobenzene	10	U
95-48-7-----2-Methylphenol	10	U
108-60-1-----2,2'-oxybis(1-Chloropropane)	10	U
106-44-5-----4-Methylphenol	10	U
621-64-7-----N-Nitroso-Di-n-Propylamine	10	U
67-72-1-----Hexachloroethane	10	U
98-95-3-----Nitrobenzene	10	U
78-59-1-----Isophorone	10	U
88-75-5-----2-Nitrophenol	10	U
105-67-9-----2,4-Dimethylphenol	10	U
111-91-1-----bis(2-Chloroethoxy)Methane	10	U
120-83-2-----2,4-Dichlorophenol	10	U
120-82-1-----1,2,4-Trichlorobenzene	10	U
91-20-3-----Naphthalene	10	U
106-47-8-----4-Chloroaniline	10	U
87-68-3-----Hexachlorobutadiene	10	U
59-50-7-----4-Chloro-3-Methylphenol	10	U
91-57-6-----2-Methylnaphthalene	10	U
77-47-4-----Hexachlorocyclopentadiene	10	U
88-06-2-----2,4,6-Trichlorophenol	10	U
95-95-4-----2,4,5-Trichlorophenol	25	U
91-58-7-----2-Chloronaphthalene	10	U
88-74-4-----2-Nitroaniline	25	U
131-11-3-----Dimethylphthalate	10	U
208-96-8-----Acenaphthylene	10	U
606-20-2-----2,6-Dinitrotoluene	10	U
99-09-2-----3-Nitroaniline	25	U
83-32-9-----Acenaphthene	10	U

FORM I SV-1

12/91

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

A59244

Lab Name: E & E INC.

Contract: C003181

Lab Code: EANDE

Case No.: SH996

SAS No.:

SDG No.: 1104

Matrix: (soil/water) WATER

Lab Sample ID: 55647

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: B1706

Level: (low/med) LOW

Date Received: 11/07/96

% Moisture: decanted: (Y/N)

Date Extracted: 11/08/96

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 11/11/96

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: 7.1

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

CAS NO.

COMPOUND

Q

51-28-5-----	2,4-Dinitrophenol	25	U
100-02-7-----	4-Nitrophenol	25	U
132-64-9-----	Dibenzofuran	10	U
121-14-2-----	2,4-Dinitrotoluene	10	U
84-66-2-----	Diethylphthalate	10	U
7005-72-3-----	4-Chlorophenyl-phenylether	10	U
86-73-7-----	Fluorene	10	U
100-01-6-----	4-Nitroaniline	25	U
534-52-1-----	4,6-Dinitro-2-methylphenol	25	U
86-30-6-----	N-Nitrosodiphenylamine (1)	10	U
101-55-3-----	4-Bromophenyl-phenylether	10	U
118-74-1-----	Hexachlorobenzene	10	U
87-86-5-----	Pentachlorophenol	25	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	10	U
86-74-8-----	Carbazole	10	U
84-74-2-----	Di-n-Butylphthalate	10	U
206-44-0-----	Fluoranthene	10	U
129-00-0-----	Pyrene	10	U
85-68-7-----	Butylbenzylphthalate	10	U
91-94-1-----	3,3'-Dichlorobenzidine	10	U
56-55-3-----	Benzo(a)Anthracene	10	U
218-01-9-----	Chrysene	10	U
117-81-7-----	bis(2-Ethylhexyl)Phthalate	1	BJ
117-84-0-----	Di-n-Octyl Phthalate	10	U
205-99-2-----	Benzo(b)Fluoranthene	10	U
207-08-9-----	Benzo(k)Fluoranthene	10	U
50-32-8-----	Benzo(a)Pyrene	10	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3-----	Dibenz(a,h)Anthracene	10	U
191-24-2-----	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

A59244

Lab Name: E & E INC.

Contract: C003181

Lab Code: EANDE

Case No.: SH996

SAS No.:

SDG No.: 1104

Matrix: (soil/water) WATER

Lab Sample ID: 55647

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: B1706

Level: (low/med) LOW

Date Received: 11/07/96

% Moisture: decanted: (Y/N)

Date Extracted: 11/08/96

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 11/11/96

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.1

Number TICs found: 15

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1.	Cyclohexenol isomer	7.18	5	J
2.	Cyclohexanone isomer	8.29	3	J
3.	Unknown	12.58	2	J
4.	Unknown	29.17	5	BJ
5.	Unknown	31.63	9	BJ
6.	Straight-chain alkane	33.78	5	J
7.	Unknown	34.31	6	BJ
8.	Straight-chain alkane	34.75	12	J
9.	Straight-chain alkane	35.71	9	J
10.	Unknown	36.14	11	J
11.	Straight-chain alkane	36.74	16	J
12.	Straight-chain alkane	37.88	9	J
13.	Unknown	38.63	5	J
14.	Unknown	39.19	14	J
15.	Unknown	42.50	4	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

MW-7A
NYSDEC SAMPLE NO.

A59246

Lab Name: E & E INC.

Contract: C003181

Lab Code: EANDE

Case No.: SH996

SAS No.:

SDG No.: 1104

Matrix: (soil/water) WATER

Lab Sample ID: 55649

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: B1708

Level: (low/med) LOW

Date Received: 11/07/96

% Moisture: decanted: (Y/N)

Date Extracted: 11/08/96

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 11/12/96

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: 7.7

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

CAS NO.

COMPOUND

Q

108-95-2-----	Phenol	10	U
111-44-4-----	bis(2-Chloroethyl) Ether	10	U
95-57-8-----	2-Chlorophenol	10	U
541-73-1-----	1,3-Dichlorobenzene	10	U
106-46-7-----	1,4-Dichlorobenzene	10	U
95-50-1-----	1,2-Dichlorobenzene	10	U
95-48-7-----	2-Methylphenol	10	U
108-60-1-----	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5-----	4-Methylphenol	10	U
621-64-7-----	N-Nitroso-Di-n-Propylamine	10	U
67-72-1-----	Hexachloroethane	10	U
98-95-3-----	Nitrobenzene	10	U
78-59-1-----	Isophorone	10	U
88-75-5-----	2-Nitrophenol	10	U
105-67-9-----	2,4-Dimethylphenol	10	U
111-91-1-----	bis(2-Chloroethoxy) Methane	10	U
120-83-2-----	2,4-Dichlorophenol	10	U
120-82-1-----	1,2,4-Trichlorobenzene	10	U
91-20-3-----	Naphthalene	10	U
106-47-8-----	4-Chloroaniline	10	U
87-68-3-----	Hexachlorobutadiene	10	U
59-50-7-----	4-Chloro-3-Methylphenol	10	U
91-57-6-----	2-Methylnaphthalene	10	U
77-47-4-----	Hexachlorocyclopentadiene	10	U
88-06-2-----	2,4,6-Trichlorophenol	10	U
95-95-4-----	2,4,5-Trichlorophenol	25	U
91-58-7-----	2-Chloronaphthalene	10	U
88-74-4-----	2-Nitroaniline	25	U
131-11-3-----	Dimethylphthalate	10	U
208-96-8-----	Acenaphthylene	10	U
606-20-2-----	2,6-Dinitrotoluene	10	U
99-09-2-----	3-Nitroaniline	25	U
83-32-9-----	Acenaphthene	10	U

FORM I SV-1

12/91

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

A59246

Lab Name: E & E INC.

Contract: C003181

Lab Code: EANDE

Case No.: SH996

SAS No.:

SDG No.: 1104

Matrix: (soil/water) WATER

Lab Sample ID: 55649

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: B1708

Level: (low/med) LOW

Date Received: 11/07/96

% Moisture: decanted: (Y/N)

Date Extracted: 11/08/96

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 11/12/96

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

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

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

CAS NO.

COMPOUND

Q

51-28-5-----	2,4-Dinitrophenol	25	U
100-02-7-----	4-Nitrophenol	25	U
132-64-9-----	Dibenzofuran	10	U
121-14-2-----	2,4-Dinitrotoluene	10	U
84-66-2-----	Diethylphthalate	7	J
7005-72-3-----	4-Chlorophenyl-phenylether	10	U
86-73-7-----	Fluorene	10	U
100-01-6-----	4-Nitroaniline	25	U
534-52-1-----	4,6-Dinitro-2-methylphenol	25	U
86-30-6-----	N-Nitrosodiphenylamine (1)	10	U
101-55-3-----	4-Bromophenyl-phenylether	10	U
118-74-1-----	Hexachlorobenzene	10	U
87-86-5-----	Pentachlorophenol	25	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	10	U
86-74-8-----	Carbazole	10	U
84-74-2-----	Di-n-Butylphthalate	10	U
206-44-0-----	Fluoranthene	10	U
129-00-0-----	Pyrene	10	U
85-68-7-----	Butylbenzylphthalate	10	U
91-94-1-----	3,3'-Dichlorobenzidine	10	U
56-55-3-----	Benzo (a) Anthracene	10	U
218-01-9-----	Chrysene	10	U
117-81-7-----	bis(2-Ethylhexyl) Phthalate	2	BJ
117-84-0-----	Di-n-Octyl Phthalate	10	U
205-99-2-----	Benzo (b) Fluoranthene	10	U
207-08-9-----	Benzo (k) Fluoranthene	10	U
50-32-8-----	Benzo (a) Pyrene	10	U
193-39-5-----	Indeno (1,2,3-cd) Pyrene	10	U
53-70-3-----	Dibenz (a,h) Anthracene	10	U
191-24-2-----	Benzo (g,h,i) Perylene	10	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-2

12/91

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

A59246

Lab Name: E & E INC.

Contract: C003181

Lab Code: EANDE

Case No.: SH996

SAS No.:

SDG No.: 1104

Matrix: (soil/water) WATER

Lab Sample ID: 55649

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: B1708

Level: (low/med) LOW

Date Received: 11/07/96

% Moisture: decanted: (Y/N)

Date Extracted: 11/08/96

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 11/12/96

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: 7.7

Number TICs found: 11

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1.	Cyclohexenol isomer	7.17	6	J
2.	Trichloropropene isomer	8.66	14	BJ
3.	Unknown	11.46	37	J
4.	Cyclohexanediol isomer	11.64	3	BJ
5.	Unknown	13.37	19	BJ
6.	Unknown carboxylic acid	16.02	5	J
7.	Unknown	30.69	11	J
8.	Unknown	31.64	2	BJ
9.	Unknown	36.13	2	J
10.	Straight-chain alkane	36.74	6	J
11.	Straight-chain alkane	37.87	5	J

1
INORGANIC ANALYSES DATA SHEET

NYSDEC SAMPLE NO.

A59240

Lab Name: ECOLOGY_AND_ENVIRONMENT Contract: C003181

Lab Code: EANDE Case No.: SH996 SAS No.: SDG No.: 1104

Matrix (soil/water): WATER

Lab Sample ID: 55643

Level (low/med): LOW

Date Received: 11/07/96

% 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	5060	-		P
7440-36-0	Antimony	4.8	U		P
7440-38-2	Arsenic	2.5	U		P
7440-39-3	Barium	218			P
7440-41-7	Beryllium	0.10	U		P
7440-43-9	Cadmium	1.1	B		P
7440-70-2	Calcium	194000			P
7440-47-3	Chromium	7.5	B		P
7440-48-4	Cobalt	1.8	B		P
7440-50-8	Copper	6.4	B		P
7439-89-6	Iron	7910			P
7439-92-1	Lead	31.7			P
7439-95-4	Magnesium	142000			P
7439-96-5	Manganese	386			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	5.6	B		P
7440-09-7	Potassium	1530	B		P
7782-49-2	Selenium	4.5	U		P
7440-22-4	Silver	1.5	B		P
7440-23-5	Sodium	58500		E	P
7440-28-0	Thallium	3.0	U		P
7440-62-2	Vanadium	5.3	B		P
7440-66-6	Zinc	287			P

Color Before: BR

Clarity Before: CL

Texture:

Color After: CL

Clarity After: CL

Artifacts:

Comments:

NYSDEC SAMPLE NO.

A59240

Lab Sample ID: 55643

Date Received: 11/07/96

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

[illegible]

Comments:

1
INORGANIC ANALYSES DATA SHEET

NYSDEC SAMPLE NO.

A59242

Lab Name: ECOLOGY_AND_ENVIRONMENT Contract: C003181

Lab Code: EANDE Case No.: SH996 SAS No.: SDG No.: 1104

Matrix (soil/water): WATER

Lab Sample ID: 55645

Level (low/med): LOW

Date Received: 11/07/96

% 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	4950	-		P
7440-36-0	Antimony	4.8	U		P
7440-38-2	Arsenic	4.6	U		P
7440-39-3	Barium	146	B		P
7440-41-7	Beryllium	0.10	U		P
7440-43-9	Cadmium	0.20	U		P
7440-70-2	Calcium	128000			P
7440-47-3	Chromium	5.9	B		P
7440-48-4	Cobalt	4.0	B		P
7440-50-8	Copper	4.6	B		P
7439-89-6	Iron	10900			P
7439-92-1	Lead	90.3			P
7439-95-4	Magnesium	69300			P
7439-96-5	Manganese	455			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	11.6	B		P
7440-09-7	Potassium	1850	B		P
7782-49-2	Selenium	4.5	U		P
7440-22-4	Silver	1.0	U		P
7440-23-5	Sodium	134000		E	P
7440-28-0	Thallium	3.0	U		P
7440-62-2	Vanadium	5.6	B		P
7440-66-6	Zinc	585			P

Color Before: BR

Clarity Before: CL

Texture:

Color After: CL

Clarity After: CL

Artifacts:

Comments:

MW - 4A

NYSDEC SAMPLE NO.

A59242

Lab Sample ID: 55645

Date Received: 11/07/96

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

[illegible]

Texture:

Artifacts:

Comments:

1
INORGANIC ANALYSES DATA SHEET

NYSDEC SAMPLE NO.

A59244

Lab Name: ECOLOGY_AND_ENVIRONMENT__ Contract: C003181__

Lab Code: EANDE__ Case No.: SH996__ SAS No.: __ SDG No.: 1104__

Matrix (soil/water): WATER

Lab Sample ID: 55647

Level (low/med): LOW__

Date Received: 11/07/96

% 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	8650	-		P
7440-36-0	Antimony	4.8	U		P
7440-38-2	Arsenic	3.8	U		P
7440-39-3	Barium	121	B		P
7440-41-7	Beryllium	0.10	U		P
7440-43-9	Cadmium	0.65	B		P
7440-70-2	Calcium	137000	-		P
7440-47-3	Chromium	10.4	-		P
7440-48-4	Cobalt	6.4	B		P
7440-50-8	Copper	8.3	B		P
7439-89-6	Iron	8980	-		P
7439-92-1	Lead	17.6	-		P
7439-95-4	Magnesium	87200	-		P
7439-96-5	Manganese	1200	-		P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	19.7	B		P
7440-09-7	Potassium	3140	B		P
7782-49-2	Selenium	4.5	U		P
7440-22-4	Silver	1.0	U		P
7440-23-5	Sodium	108000	-	E	P
7440-28-0	Thallium	3.0	U		P
7440-62-2	Vanadium	8.0	B		P
7440-66-6	Zinc	1020	-		P
			-		
			-		
			-		

Color Before: BR__ Clarity Before: CL__ Texture: __

Color After: CL__ Clarity After: C__ Artifacts: __

Comments:

MW - SA

NYSDEC SAMPLE NO.

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

[illegible]

Comments:

1
INORGANIC ANALYSES DATA SHEET

NYSDEC SAMPLE NO.

A59246

Lab Name: ECOLOGY_AND_ENVIRONMENT__ Contract: C003181__

Lab Code: EANDE__ Case No.: SH996__ SAS No.: __ SDG No.: 1104__

Matrix (soil/water): WATER

Lab Sample ID: 55649

Level (low/med): LOW__

Date Received: 11/07/96

% 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	8360	-		P
7440-36-0	Antimony	4.8	U		P
7440-38-2	Arsenic	5.5	B		P
7440-39-3	Barium	108	B		P
7440-41-7	Beryllium	0.84	B		P
7440-43-9	Cadmium	1.5	B		P
7440-70-2	Calcium	103000			P
7440-47-3	Chromium	2.9	B		P
7440-48-4	Cobalt	13.7	B		P
7440-50-8	Copper	295			P
7439-89-6	Iron	6860			P
7439-92-1	Lead	35.0			P
7439-95-4	Magnesium	54800			P
7439-96-5	Manganese	2780			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	10.2	B		P
7440-09-7	Potassium	1630	B		P
7782-49-2	Selenium	11.3			P
7440-22-4	Silver	1.0	U		P
7440-23-5	Sodium	15700		E	P
7440-28-0	Thallium	3.0	U		P
7440-62-2	Vanadium	1.5	B		P
7440-66-6	Zinc	1390			P

Color Before: CL__ Clarity Before: CL__ Texture: __

Color After: CL__ Clarity After: CL__ Artifacts: __

Comments:

mw-74

NYSDEC SAMPLE NO.

A59246

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

[illegible]

Comments:

B-ZONE (UPPER BEDROCK)
GROUNDWATER SAMPLES

8

TABLE

GROUNDWATER UPPER BEDROCK SAMPLE Volatile Organic Compounds (ug/l)								
Parameter	SW STD.	MW-1B (NYPA)	MW-1B (SPLIT)	MW-2B	MW-3B	MW-3B DUP	MW-4B	MW-5B

GROUNDWATER UPPER BEDROCK SAMPLE Semivolatile Organic Compounds (ug/l)								
Parameter	GW STD.	MW-1B (NYPA)	MW-1B (SPLIT)	MW-2B	MW-3B	MW-3B DUP	MW-4B	MW-5B
bis (2-ethylhexyl) Phthalate			2BJ	3BJ	3BJ		3BJ	2BJ

Note: Detected Compounds Only
J - Estimated below quantification limit

TABLE

GROUNDWATER UPPER BEDROCK SAMPLE Inorganic Compounds (ug/l)								
Parameter	GW STD	MW-1B (NYPA)	MW-1B (SPLIT)	MW-2B	MW-3B	MW-3B DUP	MW-4B	MW-5B
Aluminum	100		198	314	342		1030	390
Antimony			4.8	4.8	4.8		4.8	4.8
Arsenic	360		2.1	2.1	2.1		2.1	3.3
Barium			40.8	33.1	122		282	95.8
Beryllium			0.10	0.10	0.10		0.10	0.10
Cadmium			0.39	0.63	0.20		0.20	0.20
Chromium			2.8	2.5	2.7		5.9	1.3
Cobalt			1.2	1.2	1.2		1.2	4.0
Copper			0.60	4.4	2.3		0.60	0.60
Iron	300		53.5	444	367		1030	1960
Lead			2.4	2.4	2.4		6.3	10.7
Magnesium			48700	36700	67300		59600	54500
Manganese			33.8	44.7	71.3		101	690
Mercury			0.10	0.10	0.10		0.10	0.10
Nickel			11.9	3.0	1.2		3.3	9.7
Potassium			1020	2890	2180		1800	1160
Selenium			4.5	4.5	4.5		4.5	4.5
Silver			1.0	1.0	1.0		1.0	1.0
Sodium			27400E	54700E	37700E		183000E	124000E
Thallium	20		3.0	3.0	3.0		3.0	3.0
Vanadium	190		0.80	0.80	0.80		0.97	0.80
Zinc			754	16.5	22.5		48.3	258
Hexavalent Chrome	16		3.0	18.9	3.0		15.9	11.5

Note: Shaded areas indicate concentration exceed groundwater standard
 E - Estimated above quantification limit

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GROUNDWATER UPPER BEDROCK SAMPLE Volatile Organic Compounds (ug/l)								
Parameter	SW STD.	MW-1B (NYPA)	MW-1B (SPLIT)	MW-2B	MW-3B	MW-3B DUP	MW-4B	MW-5B
Methylene Chloride								
Acetone								

GROUNDWATER UPPER BEDROCK SAMPLE Semivolatile Organic Compounds (ug/l)								
Parameter	GW STD.	MW-1B (NYPA)	MW-1B (SPLIT)	MW-2B	MW-3B	MW-3B DUP	MW-4B	MW-5B
Acenaphthene								
Diethylphthalate								
Flourene								
Pentachlorophenol								
Phenanthrene								
Anthracene								
Carbazole								
Flouranthene								
Pyrene								
Benzo (a) Anthracene								
Chrysene								
bis (2-ethylhexyl) Phthalate			2BJ	3BJ	3BJ		3BJ	2BJ
Benzo (b) Flouranthene								
Benzo (k) Flouranthene								
Benzo (a) Pyrene								
Indeno (1,2,3-cd) Pyrene								
Dibenz (a,h) Anthracene								
Benzo (g,h,i) Perylene								

GROUNDWATER UPPER BEDROCK SAMPLE Inorganic Compounds (ug/l)								
Parameter	GW STD	MW-1B (NYPA)	MW-1B (SPLIT)	MW-2B	MW-3B	MW-3B DUP	MW-4B	MW-5B
Aluminum	100		198	314	342		1030	390
Antimony			4.8	4.8	4.8		4.8	4.8
Arsenic	360		2.1	2.1	2.1		2.1	3.3
Barium			40.8	33.1	122		282	95.8
Beryllium			0.10	0.10	0.10		0.10	0.10
Cadmium			0.39	0.63	0.20		0.20	0.20
Chromium			2.8	2.5	2.7		5.9	1.3
Cobalt			1.2	1.2	1.2		1.2	4.0
Copper			0.60	4.4	2.3		0.60	0.60
Iron	300		53.5	444	367		1030	1960
Lead			2.4	2.4	2.4		6.3	10.7
Magnesium			48700	36700	67300		59600	54500
Manganese			33.8	44.7	71.3		101	690
Mercury			0.10	0.10	0.10		0.10	0.10
Nickel			11.9	3.0	1.2		3.3	9.7
Potassium			1020	2890	2180		1800	1160
Selenium			4.5	4.5	4.5		4.5	4.5
Silver			1.0	1.0	1.0		1.0	1.0
Sodium			27400E	54700E	37700E		183000E	124000E
Thallium	20		3.0	3.0	3.0		3.0	3.0
Vanadium	190		0.80	0.80	0.80		0.97	0.80
Zinc			754	16.5	22.5		48.3	258
Hexavalent Chrome	16		3.0	18.9	3.0		15.9	11.5

GROUNDWATER UPPER BEDROCK SAMPLE Volatile Organic Compounds (ug/l)								
Parameter	SW STD.	MW-1B (NYPA)	MW-1B (SPLIT)	MW-2B	MW-3B	MW-3B DUP	MW-4B	MW-5B
Methylene Chloride								
Acetone								

GROUNDWATER UPPER BEDROCK SAMPLE Semivolatile Organic Compounds (ug/l)								
Parameter	GW STD.	MW-1B (NYPA)	MW-1B (SPLIT)	MW-2B	MW-3B	MW-3B DUP	MW-4B	MW-5B
Acenaphthene								
Diethylphthalate								
Flourene								
Pentachlorophenol								
Phenanthrene								
Anthracene								
Carbazole								
Flouranthene								
Pyrene								
Benzo (a) Anthracene								
Chrysene								
bis (2-ethylhexyl) Phthalate								
Benzo (b) Flouranthene								
Benzo (k) Flouranthene								
Benzo (a) Pyrene								
Indeno (1,2,3-cd) Pyrene								
Dibenz (a,h) Anthracene								
Benzo (g,h,i) Perylene								

GROUNDWATER UPPER BEDROCK SAMPLE
Inorganic Compounds (ug/l)

Parameter	GW STD	MW-1B (NYPA)	MW-1B (SPLIT)	MW-2B	MW-3B	MW-3B DUP	MW-4B	MW-5B
Aluminum	100							
Antimony								
Arsenic	360							
Barium								
Beryllium								
Cadmium								
Chromium								
Cobalt								
Copper								
Iron	300							
Lead								
Magnesium								
Manganese								
Mercury								
Nickel								
Potassium								
Selenium								
Silver								
Sodium								
Thallium	20							
Vanadium	190							
Zinc								
Hexavalent Chrome	16							

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

1B

A59249

b Name: E & E INC.

Contract: C003181

Lab Code: EANDE

Case No. : SH996

SAS No. :

SDG No. : 1104

Matrix: (soil/water) WATER

Lab Sample ID: 55651

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: B1709

Level: (low/med) LOW

Date Received: 11/07/96

% Moisture: decanted: (Y/N)

Date Extracted: 11/08/96

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 11/12/96

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: 7.1

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

Q

CAS NO.

COMPOUND

108-95-2-----Phenol	10	U
111-44-4-----bis(2-Chloroethyl) Ether	10	U
95-57-8-----2-Chlorophenol	10	U
541-73-1-----1,3-Dichlorobenzene	10	U
106-46-7-----1,4-Dichlorobenzene	10	U
95-50-1-----1,2-Dichlorobenzene	10	U
95-48-7-----2-Methylphenol	10	U
108-60-1-----2,2'-oxybis(1-Chloropropane)	10	U
106-44-5-----4-Methylphenol	10	U
621-64-7-----N-Nitroso-Di-n-Propylamine	10	U
67-72-1-----Hexachloroethane	10	U
98-95-3-----Nitrobenzene	10	U
78-59-1-----Isophorone	10	U
88-75-5-----2-Nitrophenol	10	U
105-67-9-----2,4-Dimethylphenol	10	U
111-91-1-----bis(2-Chloroethoxy)Methane	10	U
120-83-2-----2,4-Dichlorophenol	10	U
120-82-1-----1,2,4-Trichlorobenzene	10	U
91-20-3-----Naphthalene	10	U
106-47-8-----4-Chloroaniline	10	U
87-68-3-----Hexachlorobutadiene	10	U
59-50-7-----4-Chloro-3-Methylphenol	10	U
91-57-6-----2-Methylnaphthalene	10	U
77-47-4-----Hexachlorocyclopentadiene	10	U
88-06-2-----2,4,6-Trichlorophenol	10	U
95-95-4-----2,4,5-Trichlorophenol	25	U
91-58-7-----2-Chloronaphthalene	10	U
88-74-4-----2-Nitroaniline	25	U
131-11-3-----Dimethylphthalate	10	U
208-96-8-----Acenaphthylene	10	U
606-20-2-----2,6-Dinitrotoluene	10	U
99-09-2-----3-Nitroaniline	25	U
83-32-9-----Acenaphthene	10	U

FORM I SV-1

12 / 91

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

A59249

Lab Name: E & E INC.

Contract: C003181

Lab Code: EANDE

Case No.: SH996

SAS No.:

SDG No.: 1104

Matrix: (soil/water) WATER

Lab Sample ID: 55651

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: B1709

Level: (low/med) LOW

Date Received: 11/07/96

% Moisture: decanted: (Y/N)

Date Extracted: 11/08/96

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 11/12/96

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: 7.1

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

CAS NO.

COMPOUND

Q

51-28-5-----	2,4-Dinitrophenol	25	U
100-02-7-----	4-Nitrophenol	25	U
132-64-9-----	Dibenzofuran	10	U
121-14-2-----	2,4-Dinitrotoluene	10	U
84-66-2-----	Diethylphthalate	10	U
7005-72-3-----	4-Chlorophenyl-phenylether	10	U
86-73-7-----	Fluorene	10	U
100-01-6-----	4-Nitroaniline	25	U
534-52-1-----	4,6-Dinitro-2-methylphenol	25	U
86-30-6-----	N-Nitrosodiphenylamine (1)	10	U
101-55-3-----	4-Bromophenyl-phenylether	10	U
118-74-1-----	Hexachlorobenzene	10	U
87-86-5-----	Pentachlorophenol	25	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	10	U
86-74-8-----	Carbazole	10	U
84-74-2-----	Di-n-Butylphthalate	10	U
206-44-0-----	Fluoranthene	10	U
129-00-0-----	Pyrene	10	U
85-68-7-----	Butylbenzylphthalate	10	U
91-94-1-----	3,3'-Dichlorobenzidine	10	U
56-55-3-----	Benzo(a)Anthracene	10	U
218-01-9-----	Chrysene	10	U
117-81-7-----	bis(2-Ethylhexyl)Phthalate	2	BJ ✓
117-84-0-----	Di-n-Octyl Phthalate	10	U
205-99-2-----	Benzo(b)Fluoranthene	10	U
207-08-9-----	Benzo(k)Fluoranthene	10	U
50-32-8-----	Benzo(a)Pyrene	10	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3-----	Dibenz(a,h)Anthracene	10	U
191-24-2-----	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-2

12/91

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

A59249

Lab Name: E & E INC.

Contract: C003181

Lab Code: EANDE

Case No.: SH996

SAS No.:

SDG No.: 1104

Matrix: (soil/water) WATER

Lab Sample ID: 55651

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: B1709

Level: (low/med) LOW

Date Received: 11/07/96

% Moisture: decanted: (Y/N)

Date Extracted: 11/08/96

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 11/12/96

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: 7.1

Number TICs found: 14

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Cyclohexenol isomer	7.12	9	J
2.	Cyclohexanone isomer	8.28	4	BJ
3.	Trichloropropene isomer	8.60	14	BJ
4.	Unknown	11.43	12	J
5.	Cyclohexanediol isomer	11.65	11	BJ
6.	Unknown	13.35	21	BJ
7.	Unknown	13.46	2	J
8.	Unknown	28.88	2	J
9.	Unknown	29.21	5	J
10.	Unknown	31.62	4	BJ
11.	Unknown	34.36	3	BJ
12.	Unknown hydrocarbon	35.70	2	J
13.	Unknown	36.15	9	J
14.	Unknown	36.74	3	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

A59239

b Name: E & E INC.

Contract: C003181

Lab Code: EANDE

Case No.: SH996

SAS No.:

SDG No.: 1104

Matrix: (soil/water) WATER

Lab Sample ID: 55642

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: B1701

Level: (low/med) LOW

Date Received: 11/07/96

% Moisture: decanted: (Y/N)

Date Extracted: 11/08/96

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 11/11/96

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

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

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

CAS NO.

COMPOUND

Q

108-95-2-----	Phenol	10	U
111-44-4-----	bis(2-Chloroethyl) Ether	10	U
95-57-8-----	2-Chlorophenol	10	U
541-73-1-----	1,3-Dichlorobenzene	10	U
106-46-7-----	1,4-Dichlorobenzene	10	U
95-50-1-----	1,2-Dichlorobenzene	10	U
95-48-7-----	2-Methylphenol	10	U
108-60-1-----	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5-----	4-Methylphenol	10	U
621-64-7-----	N-Nitroso-Di-n-Propylamine	10	U
67-72-1-----	Hexachloroethane	10	U
98-95-3-----	Nitrobenzene	10	U
78-59-1-----	Isophorone	10	U
88-75-5-----	2-Nitrophenol	10	U
105-67-9-----	2,4-Dimethylphenol	10	U
111-91-1-----	bis(2-Chloroethoxy) Methane	10	U
120-83-2-----	2,4-Dichlorophenol	10	U
120-82-1-----	1,2,4-Trichlorobenzene	10	U
91-20-3-----	Naphthalene	10	U
106-47-8-----	4-Chloroaniline	10	U
87-68-3-----	Hexachlorobutadiene	10	U
59-50-7-----	4-Chloro-3-Methylphenol	10	U
91-57-6-----	2-Methylnaphthalene	10	U
77-47-4-----	Hexachlorocyclopentadiene	10	U
88-06-2-----	2,4,6-Trichlorophenol	10	U
95-95-4-----	2,4,5-Trichlorophenol	25	U
91-58-7-----	2-Chloronaphthalene	10	U
88-74-4-----	2-Nitroaniline	25	U
131-11-3-----	Dimethylphthalate	10	U
208-96-8-----	Acenaphthylene	10	U
606-20-2-----	2,6-Dinitrotoluene	10	U
99-09-2-----	3-Nitroaniline	25	U
83-32-9-----	Acenaphthene	10	U

FORM I SV-1

12/91

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

A59239

Lab Name: E & E INC.

Contract: C003181

Lab Code: EANDE

Case No.: SH996

SAS No.:

SDG No.: 1104

Matrix: (soil/water) WATER

Lab Sample ID: 55642

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: B1701

Level: (low/med) LOW

Date Received: 11/07/96

% Moisture: decanted: (Y/N)

Date Extracted: 11/08/96

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 11/11/96

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: 8.0

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

CAS NO.

COMPOUND

Q

51-28-5-----	2,4-Dinitrophenol	25	U
100-02-7-----	4-Nitrophenol	25	U
132-64-9-----	Dibenzofuran	10	U
121-14-2-----	2,4-Dinitrotoluene	10	U
84-66-2-----	Diethylphthalate	10	U
7005-72-3-----	4-Chlorophenyl-phenylether	10	U
86-73-7-----	Fluorene	10	U
100-01-6-----	4-Nitroaniline	25	U
534-52-1-----	4,6-Dinitro-2-methylphenol	25	U
86-30-6-----	N-Nitrosodiphenylamine (1)	10	U
101-55-3-----	4-Bromophenyl-phenylether	10	U
118-74-1-----	Hexachlorobenzene	10	U
87-86-5-----	Pentachlorophenol	25	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	10	U
86-74-8-----	Carbazole	10	U
84-74-2-----	Di-n-Butylphthalate	1	J
206-44-0-----	Fluoranthene	10	U
129-00-0-----	Pyrene	10	U
85-68-7-----	Butylbenzylphthalate	10	U
91-94-1-----	3,3'-Dichlorobenzidine	10	U
56-55-3-----	Benzo(a)Anthracene	10	U
218-01-9-----	Chrysene	10	U
117-81-7-----	bis(2-Ethylhexyl)Phthalate	3	BJ ✓
117-84-0-----	Di-n-Octyl Phthalate	10	U
205-99-2-----	Benzo(b)Fluoranthene	10	U
207-08-9-----	Benzo(k)Fluoranthene	10	U
50-32-8-----	Benzo(a)Pyrene	10	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3-----	Dibenz(a,h)Anthracene	10	U
191-24-2-----	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-2

12/91

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

A59239

Lab Name: E & E INC.

Contract: C003181

Lab Code: EAND E

Case No.: SH996

SAS No.:

SDG No.: 1104

Matrix: (soil/water) WATER

Lab Sample ID: 55642

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: B1701

Level: (low/med) LOW

Date Received: 11/07/96

% Moisture: decanted: (Y/N)

Date Extracted: 11/08/96

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 11/11/96

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: 8.0

Number TICs found: 20

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Cyclohexenol isomer	7.10	4	BJ
2.	Unknown carboxylic acid	16.01	5	J
3.	Unknown carboxylic acid	21.02	4	J
4.	Unknown carboxylic acid	26.71	6	J
5. 10544-50-0	Sulfur, mol. (S8)	27.94	18	JN
6.	Unknown carboxylic ester	28.04	24	J
7. 112-80-1	Oleic Acid	28.93	22	JN
8.	Unknown	29.17	26	BJ
9.	Unknown	29.40	4	J
10.	Unknown hydrocarbon	29.54	5	J
11.	Unknown	30.64	7	J
12.	Unknown	31.54	5	BJ
13.	Unknown	31.62	5	BJ
14.	Unknown	32.19	21	BJ
15.	Unknown	34.29	5	BJ
16.	Unknown	34.85	5	J
17.	Straight-chain alkane	35.72	7	J
18.	Unknown	36.15	4	J
19.	Straight-chain alkane	36.75	4	J
20.	Unknown	36.96	7	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

A59239RE

Lab Name: E & E INC.

Contract: C003181

Lab Code: EANDE

Case No.: SH996

SAS No.:

SDG No.: 1104

Matrix: (soil/water) WATER

Lab Sample ID: 55642RE

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: B1713

Level: (low/med) LOW

Date Received: 11/07/96

% Moisture: decanted: (Y/N)

Date Extracted: 11/08/96

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 11/12/96

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

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

CONCENTRATION UNITS:

CAS NO.

COMPOUND

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

Q

108-95-2-----Phenol	10	U
111-44-4-----bis(2-Chloroethyl) Ether	10	U
95-57-8-----2-Chlorophenol	10	U
541-73-1-----1,3-Dichlorobenzene	10	U
106-46-7-----1,4-Dichlorobenzene	10	U
95-50-1-----1,2-Dichlorobenzene	10	U
95-48-7-----2-Methylphenol	10	U
108-60-1-----2,2'-oxybis(1-Chloropropane)	10	U
106-44-5-----4-Methylphenol	10	U
621-64-7-----N-Nitroso-Di-n-Propylamine	10	U
67-72-1-----Hexachloroethane	10	U
98-95-3-----Nitrobenzene	10	U
78-59-1-----Isophorone	10	U
88-75-5-----2-Nitrophenol	10	U
105-67-9-----2,4-Dimethylphenol	10	U
111-91-1-----bis(2-Chloroethoxy)Methane	10	U
120-83-2-----2,4-Dichlorophenol	10	U
120-82-1-----1,2,4-Trichlorobenzene	10	U
91-20-3-----Naphthalene	10	U
106-47-8-----4-Chloroaniline	10	U
87-68-3-----Hexachlorobutadiene	10	U
59-50-7-----4-Chloro-3-Methylphenol	10	U
91-57-6-----2-Methylnaphthalene	10	U
77-47-4-----Hexachlorocyclopentadiene	10	U
88-06-2-----2,4,6-Trichlorophenol	10	U
95-95-4-----2,4,5-Trichlorophenol	25	U
91-58-7-----2-Chloronaphthalene	10	U
88-74-4-----2-Nitroaniline	25	U
131-11-3-----Dimethylphthalate	10	U
208-96-8-----Acenaphthylene	10	U
606-20-2-----2,6-Dinitrotoluene	10	U
99-09-2-----3-Nitroaniline	25	U
83-32-9-----Acenaphthene	10	U

FORM I SV-1

12/91

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

A59239RE

Lab Name: E & E INC.

Contract: C003181

Lab Code: EANDE

Case No.: SH996

SAS No.:

SDG No.: 1104

Matrix: (soil/water) WATER

Lab Sample ID: 55642RE

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: B1713

Level: (low/med) LOW

Date Received: 11/07/96

% Moisture: decanted: (Y/N)

Date Extracted: 11/08/96

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 11/12/96

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: 8.0

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

CAS NO.

COMPOUND

Q

51-28-5-----	2,4-Dinitrophenol	25	U
100-02-7-----	4-Nitrophenol	25	U
132-64-9-----	Dibenzofuran	10	U
121-14-2-----	2,4-Dinitrotoluene	10	U
84-66-2-----	Diethylphthalate	10	U
7005-72-3-----	4-Chlorophenyl-phenylether	10	U
86-73-7-----	Fluorene	10	U
100-01-6-----	4-Nitroaniline	25	U
534-52-1-----	4,6-Dinitro-2-methylphenol	25	U
86-30-6-----	N-Nitrosodiphenylamine (1)	10	U
101-55-3-----	4-Bromophenyl-phenylether	10	U
118-74-1-----	Hexachlorobenzene	10	U
87-86-5-----	Pentachlorophenol	25	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	10	U
86-74-8-----	Carbazole	10	U
84-74-2-----	Di-n-Butylphthalate	1	J
206-44-0-----	Fluoranthene	10	U
129-00-0-----	Pyrene	10	U
85-68-7-----	Butylbenzylphthalate	10	U
91-94-1-----	3,3'-Dichlorobenzidine	10	U
56-55-3-----	Benzo(a)Anthracene	10	U
218-01-9-----	Chrysene	10	U
117-81-7-----	bis(2-Ethylhexyl)Phthalate	3	BJ
117-84-0-----	Di-n-Octyl Phthalate	10	U
205-99-2-----	Benzo(b)Fluoranthene	10	U
207-08-9-----	Benzo(k)Fluoranthene	10	U
50-32-8-----	Benzo(a)Pyrene	10	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3-----	Dibenz(a,h)Anthracene	10	U
191-24-2-----	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-2

12/91

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

A59239RE

Lab Name: E & E INC.

Contract: C003181

Lab Code: EANDE

Case No.: SH996

SAS No.:

SDG No.: 1104

Matrix: (soil/water) WATER

Lab Sample ID: 55642RE

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: B1713

Level: (low/med) LOW

Date Received: 11/07/96

% Moisture: decanted: (Y/N)

Date Extracted: 11/08/96

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 11/12/96

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: 8.0

Number TICs found: 20

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown carboxylic acid	15.90	4	J
2.	Pharmaceutical Sulfur	20.31	2	J
3. 143-07-7	Dodecanoic acid	20.92	2	JN
4. 544-63-8	Tetradecanoic acid	23.89	3	JN
5. 57-10-3	Hexadecanoic acid	26.61	3	JN
6. 10544-50-0	Sulfur, mol. (S8)	27.88	8	JN
7.	Unknown carboxylic ester	27.96	6	J
8.	Unknown oxygenated hydrocarb	28.83	5	J
9.	Unknown	29.08	15	BJ
10.	Unknown	30.54	9	J
11.	Unknown	31.46	4	BJ
12.	Unknown	31.54	7	BJ
13.	Unknown	32.12	17	BJ
14.	Unknown	34.20	6	BJ
15.	Straight-chain alkane	34.67	10	J
16.	Straight-chain alkane	35.63	10	J
17.	Unknown	36.05	5	J
18.	Unknown	36.35	2	J
19.	Straight-chain alkane	36.64	15	J
20.	Straight-chain alkane	37.78	5	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

MW-3B
NYSDEC SAMPLE NO.

A59241

Lab Name: E & E INC. Contract: C003181

Lab Code: EANDE Case No.: SH996 SAS No.: SDG No.: 1104

Matrix: (soil/water) WATER Lab Sample ID: 55644

Sample wt/vol: 1000 (g/mL) ML Lab File ID: B1703

Level: (low/med) LOW Date Received: 11/07/96

% Moisture: decanted: (Y/N) Date Extracted: 11/08/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/11/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

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

CAS NO. COMPOUND Q

108-95-2-----	Phenol	10	U
111-44-4-----	bis(2-Chloroethyl) Ether	10	U
95-57-8-----	2-Chlorophenol	10	U
541-73-1-----	1,3-Dichlorobenzene	10	U
106-46-7-----	1,4-Dichlorobenzene	10	U
95-50-1-----	1,2-Dichlorobenzene	10	U
95-48-7-----	2-Methylphenol	10	U
108-60-1-----	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5-----	4-Methylphenol	10	U
621-64-7-----	N-Nitroso-Di-n-Propylamine	10	U
67-72-1-----	Hexachloroethane	10	U
98-95-3-----	Nitrobenzene	10	U
78-59-1-----	Isophorone	10	U
88-75-5-----	2-Nitrophenol	10	U
105-67-9-----	2,4-Dimethylphenol	10	U
111-91-1-----	bis(2-Chloroethoxy) Methane	10	U
120-83-2-----	2,4-Dichlorophenol	10	U
120-82-1-----	1,2,4-Trichlorobenzene	10	U
91-20-3-----	Naphthalene	10	U
106-47-8-----	4-Chloroaniline	10	U
87-68-3-----	Hexachlorobutadiene	10	U
59-50-7-----	4-Chloro-3-Methylphenol	10	U
91-57-6-----	2-Methylnaphthalene	10	U
77-47-4-----	Hexachlorocyclopentadiene	10	U
88-06-2-----	2,4,6-Trichlorophenol	10	U
95-95-4-----	2,4,5-Trichlorophenol	25	U
91-58-7-----	2-Chloronaphthalene	10	U
88-74-4-----	2-Nitroaniline	25	U
131-11-3-----	Dimethylphthalate	10	U
208-96-8-----	Acenaphthylene	10	U
606-20-2-----	2,6-Dinitrotoluene	10	U
99-09-2-----	3-Nitroaniline	25	U
83-32-9-----	Acenaphthene	10	U

FORM I SV-1

12/91

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

A59241

Lab Name: E & E INC.

Contract: C003181

Lab Code: EANDE

Case No.: SH996

SAS No.:

SDG No.: 1104

Matrix: (soil/water) WATER

Lab Sample ID: 55644

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: B1703

Level: (low/med) LOW

Date Received: 11/07/96

% Moisture: decanted: (Y/N)

Date Extracted: 11/08/96

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 11/11/96

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

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

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

CAS NO.

COMPOUND

Q

51-28-5-----	2,4-Dinitrophenol	25	U
100-02-7-----	4-Nitrophenol	25	U
132-64-9-----	Dibenzofuran	10	U
121-14-2-----	2,4-Dinitrotoluene	10	U
84-66-2-----	Diethylphthalate	10	U
7005-72-3-----	4-Chlorophenyl-phenylether	10	U
86-73-7-----	Fluorene	10	U
100-01-6-----	4-Nitroaniline	25	U
534-52-1-----	4,6-Dinitro-2-methylphenol	25	U
86-30-6-----	N-Nitrosodiphenylamine (1)	10	U
101-55-3-----	4-Bromophenyl-phenylether	10	U
118-74-1-----	Hexachlorobenzene	10	U
87-86-5-----	Pentachlorophenol	25	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	10	U
86-74-8-----	Carbazole	10	U
84-74-2-----	Di-n-Butylphthalate	10	U
206-44-0-----	Fluoranthene	10	U
129-00-0-----	Pyrene	10	U
85-68-7-----	Butylbenzylphthalate	10	U
91-94-1-----	3,3'-Dichlorobenzidine	10	U
56-55-3-----	Benzo(a)Anthracene	10	U
218-01-9-----	Chrysene	10	U
117-81-7-----	bis(2-Ethylhexyl)Phthalate	3	BJ
117-84-0-----	Di-n-Octyl Phthalate	10	U
205-99-2-----	Benzo(b)Fluoranthene	10	U
207-08-9-----	Benzo(k)Fluoranthene	10	U
50-32-8-----	Benzo(a)Pyrene	10	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3-----	Dibenz(a,h)Anthracene	10	U
191-24-2-----	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-2

12/91

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

A59241

Lab Name: E & E INC.

Contract: C003181

Lab Code: EANDE

Case No.: SH996

SAS No.:

SDG No.: 1104

Matrix: (soil/water) WATER

Lab Sample ID: 55644

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: B1703

Level: (low/med) LOW

Date Received: 11/07/96

% Moisture: decanted: (Y/N)

Date Extracted: 11/08/96

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 11/11/96

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: 7.3

Number TICs found: 18

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Cyclohexenol isomer	7.12	5	J
2.	Cyclohexanone isomer	8.28	3	BJ
3.	Unknown	29.16	23	BJ
4.	Unknown	30.62	2	J
5.	Unknown	31.54	3	BJ
6.	Unknown	31.62	5	BJ
7.	Unknown hydrocarbon	31.73	3	J
8.	Unknown	31.93	3	J
9.	Unknown	32.19	18	J
10.	Straight-chain alkane	33.80	4	J
11.	Unknown	34.29	5	BJ
12.	Straight-chain alkane	34.77	12	J
13.	Straight-chain alkane	35.72	7	J
14.	Unknown	36.14	4	J
15.	Straight-chain alkane	36.75	23	J
16.	Straight-chain alkane	37.88	9	J
17.	Straight-chain alkane	39.19	4	J
18.	Unknown hydrocarbon	40.73	20	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

A59241RE

Lab Name: E & E INC.

Contract: C003181

Lab Code: EANDE

Case No.: SH996

SAS No.:

SDG No.: 1104

Matrix: (soil/water) WATER

Lab Sample ID: 55644RE

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: B1714

Level: (low/med) LOW

Date Received: 11/07/96

% Moisture: decanted: (Y/N)

Date Extracted: 11/08/96

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 11/12/96

Injection Volume: 2.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: 7.3

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

CAS NO.

COMPOUND

Q

108-95-2-----	Phenol	10	U
111-44-4-----	bis(2-Chloroethyl) Ether	10	U
95-57-8-----	2-Chlorophenol	10	U
541-73-1-----	1,3-Dichlorobenzene	10	U
106-46-7-----	1,4-Dichlorobenzene	10	U
95-50-1-----	1,2-Dichlorobenzene	10	U
95-48-7-----	2-Methylphenol	10	U
108-60-1-----	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5-----	4-Methylphenol	10	U
621-64-7-----	N-Nitroso-Di-n-Propylamine	10	U
67-72-1-----	Hexachloroethane	10	U
98-95-3-----	Nitrobenzene	10	U
78-59-1-----	Isophorone	10	U
88-75-5-----	2-Nitrophenol	10	U
105-67-9-----	2,4-Dimethylphenol	10	U
111-91-1-----	bis(2-Chloroethoxy)Methane	10	U
120-83-2-----	2,4-Dichlorophenol	10	U
120-82-1-----	1,2,4-Trichlorobenzene	10	U
91-20-3-----	Naphthalene	10	U
106-47-8-----	4-Chloroaniline	10	U
87-68-3-----	Hexachlorobutadiene	10	U
59-50-7-----	4-Chloro-3-Methylphenol	10	U
91-57-6-----	2-Methylnaphthalene	10	U
77-47-4-----	Hexachlorocyclopentadiene	10	U
88-06-2-----	2,4,6-Trichlorophenol	10	U
95-95-4-----	2,4,5-Trichlorophenol	25	U
91-58-7-----	2-Chloronaphthalene	10	U
88-74-4-----	2-Nitroaniline	25	U
131-11-3-----	Dimethylphthalate	10	U
208-96-8-----	Acenaphthylene	10	U
606-20-2-----	2,6-Dinitrotoluene	10	U
99-09-2-----	3-Nitroaniline	25	U
83-32-9-----	Acenaphthene	10	U

FORM I SV-1

12/91

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

A59241RE

Lab Name: E & E INC.

Contract: C003181

Lab Code: EANDE

Case No.: SH996

SAS No.:

SDG No.: 1104

Matrix: (soil/water) WATER

Lab Sample ID: 55644RE

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: B1714

Level: (low/med) LOW

Date Received: 11/07/96

% Moisture: decanted: (Y/N)

Date Extracted: 11/08/96

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 11/12/96

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: 7.3

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

CAS NO.

COMPOUND

Q

51-28-5-----	2,4-Dinitrophenol	25	U
100-02-7-----	4-Nitrophenol	25	U
132-64-9-----	Dibenzofuran	10	U
121-14-2-----	2,4-Dinitrotoluene	10	U
84-66-2-----	Diethylphthalate	10	U
7005-72-3-----	4-Chlorophenyl-phenylether	10	U
86-73-7-----	Fluorene	10	U
100-01-6-----	4-Nitroaniline	25	U
534-52-1-----	4,6-Dinitro-2-methylphenol	25	U
86-30-6-----	N-Nitrosodiphenylamine (1)	10	U
101-55-3-----	4-Bromophenyl-phenylether	10	U
118-74-1-----	Hexachlorobenzene	10	U
87-86-5-----	Pentachlorophenol	25	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	10	U
86-74-8-----	Carbazole	10	U
84-74-2-----	Di-n-Butylphthalate	10	U
206-44-0-----	Fluoranthene	10	U
129-00-0-----	Pyrene	10	U
85-68-7-----	Butylbenzylphthalate	10	U
91-94-1-----	3,3'-Dichlorobenzidine	10	U
56-55-3-----	Benzo(a)Anthracene	10	U
218-01-9-----	Chrysene	10	U
117-81-7-----	bis(2-Ethylhexyl)Phthalate	3	BJ
117-84-0-----	Di-n-Octyl Phthalate	10	U
205-99-2-----	Benzo(b)Fluoranthene	10	U
207-08-9-----	Benzo(k)Fluoranthene	10	U
50-32-8-----	Benzo(a)Pyrene	10	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3-----	Dibenz(a,h)Anthracene	10	U
191-24-2-----	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-2

12/91

301

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

A59241RE

Lab Name: E & E INC.

Contract: C003181

Lab Code: EANDE

Case No.: SH996

SAS No.:

SDG No.: 1104

Matrix: (soil/water) WATER

Lab Sample ID: 55644RE

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: B1714

Level: (low/med) LOW

Date Received: 11/07/96

% Moisture: decanted: (Y/N)

Date Extracted: 11/08/96

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 11/12/96

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: 7.3

Number TICs found: 20

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Cyclohexenol isomer	7.04	5	J
2.	Cyclohexanone isomer	8.20	3	J
3.	Unknown	29.08	16	J
4.	Unknown	30.53	3	J
5.	Unknown	31.46	3	J
6.	Unknown	31.54	7	J
7.	Unknown	31.85	3	J
8.	Unknown	32.11	15	J
9.	Straight-chain alkane	33.72	3	J
10.	Unknown	34.21	9	J
11.	Straight-chain alkane	34.69	13	J
12.	Unknown	35.50	3	J
13.	Straight-chain alkane	35.64	11	J
14.	Unknown	35.90	6	J
15.	Unknown	36.06	10	J
16.	Straight-chain alkane	36.65	18	J
17.	Straight-chain alkane	37.78	6	J
18.	Unknown	40.16	12	J
19.	Unknown hydrocarbon	40.59	7	J
20.	Unknown hydrocarbon	42.36	3	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

A59243

Lab Name: E & E INC.

Contract: C003181

Lab Code: EANDE

Case No.: SH996

SAS No.:

SDG No.: 1104

Matrix: (soil/water) WATER

Lab Sample ID: 55646

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: B1705

Level: (low/med) LOW

Date Received: 11/07/96

% Moisture: decanted: (Y/N)

Date Extracted: 11/08/96

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 11/11/96

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: 7.4

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

CAS NO.

COMPOUND

Q

108-95-2-----	Phenol	10	U
111-44-4-----	bis(2-Chloroethyl) Ether	10	U
95-57-8-----	2-Chlorophenol	10	U
541-73-1-----	1,3-Dichlorobenzene	10	U
106-46-7-----	1,4-Dichlorobenzene	10	U
95-50-1-----	1,2-Dichlorobenzene	10	U
95-48-7-----	2-Methylphenol	10	U
108-60-1-----	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5-----	4-Methylphenol	10	U
621-64-7-----	N-Nitroso-Di-n-Propylamine	10	U
67-72-1-----	Hexachloroethane	10	U
98-95-3-----	Nitrobenzene	10	U
78-59-1-----	Isophorone	10	U
88-75-5-----	2-Nitrophenol	10	U
105-67-9-----	2,4-Dimethylphenol	10	U
111-91-1-----	bis(2-Chloroethoxy) Methane	10	U
120-83-2-----	2,4-Dichlorophenol	10	U
120-82-1-----	1,2,4-Trichlorobenzene	10	U
91-20-3-----	Naphthalene	10	U
106-47-8-----	4-Chloroaniline	10	U
87-68-3-----	Hexachlorobutadiene	10	U
59-50-7-----	4-Chloro-3-Methylphenol	10	U
91-57-6-----	2-Methylnaphthalene	10	U
77-47-4-----	Hexachlorocyclopentadiene	10	U
88-06-2-----	2,4,6-Trichlorophenol	10	U
95-95-4-----	2,4,5-Trichlorophenol	25	U
91-58-7-----	2-Chloronaphthalene	10	U
88-74-4-----	2-Nitroaniline	25	U
131-11-3-----	Dimethylphthalate	10	U
208-96-8-----	Acenaphthylene	10	U
606-20-2-----	2,6-Dinitrotoluene	10	U
99-09-2-----	3-Nitroaniline	25	U
83-32-9-----	Acenaphthene	10	U

FORM I SV-1

12/91

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

A59243

Lab Name: E & E INC.

Contract: C003181

Lab Code: EANDE

Case No.: SH996

SAS No.:

SDG No.: 1104

Matrix: (soil/water) WATER

Lab Sample ID: 55646

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: B1705

Level: (low/med) LOW

Date Received: 11/07/96

% Moisture: decanted: (Y/N)

Date Extracted: 11/08/96

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 11/11/96

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: 7.4

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

CAS NO.

COMPOUND

Q

51-28-5-----	2,4-Dinitrophenol	25	U
100-02-7-----	4-Nitrophenol	25	U
132-64-9-----	Dibenzofuran	10	U
121-14-2-----	2,4-Dinitrotoluene	10	U
84-66-2-----	Diethylphthalate	10	U
7005-72-3-----	4-Chlorophenyl-phenylether	10	U
86-73-7-----	Fluorene	10	U
100-01-6-----	4-Nitroaniline	25	U
534-52-1-----	4,6-Dinitro-2-methylphenol	25	U
86-30-6-----	N-Nitrosodiphenylamine (1)	10	U
101-55-3-----	4-Bromophenyl-phenylether	10	U
118-74-1-----	Hexachlorobenzene	10	U
87-86-5-----	Pentachlorophenol	25	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	10	U
86-74-8-----	Carbazole	10	U
84-74-2-----	Di-n-Butylphthalate	10	U
206-44-0-----	Fluoranthene	10	U
129-00-0-----	Pyrene	10	U
85-68-7-----	Butylbenzylphthalate	10	U
91-94-1-----	3,3'-Dichlorobenzidine	10	U
56-55-3-----	Benzo(a)Anthracene	10	U
218-01-9-----	Chrysene	10	U
117-81-7-----	bis(2-Ethylhexyl)Phthalate	3	BJ ✓
117-84-0-----	Di-n-Octyl Phthalate	10	U
205-99-2-----	Benzo(b)Fluoranthene	10	U
207-08-9-----	Benzo(k)Fluoranthene	10	U
50-32-8-----	Benzo(a)Pyrene	10	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3-----	Dibenz(a,h)Anthracene	10	U
191-24-2-----	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-2

12/91

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1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

A59243

Lab Name: E & E INC.

Contract: C003181

Lab Code: EANDE

Case No.: SH996

SAS No.:

SDG No.: 1104

Matrix: (soil/water) WATER

Lab Sample ID: 55646

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: B1705

Level: (low/med) LOW

Date Received: 11/07/96

% Moisture: decanted: (Y/N)

Date Extracted: 11/08/96

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 11/11/96

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

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

Number TICs found: 16

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Cyclohexenol isomer	7.15	3	J
2.	Trichloropropene isomer	8.64	7	BJ
3.	Unknown	12.63	5	J
4.	Unknown	13.35	7	BJ
5.	Pharmaceutical Sulfur	20.41	2	J
6. 57-10-3	Hexadecanoic acid	26.69	3	JN
7. 10544-50-0	Sulfur, mol. (S8)	28.34	20	JN
8. 57-11-4	Octadecanoic acid	29.17	12	JN
9.	Unknown	32.22	10	BJ
10.	Straight-chain alkane	32.79	2	J
11.	Straight-chain alkane	33.80	3	J
12.	Straight-chain alkane	34.75	9	J
13.	Straight-chain alkane	35.71	9	J
14.	Straight-chain alkane	36.75	12	J
15.	Straight-chain alkane	37.88	7	J
16.	Unknown	40.71	8	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

MW-5B
NYSDEC SAMPLE NO.

A59245

Lab Name: E & E INC. Contract: C003181

Lab Code: EANDE Case No.: SH996 SAS No.: SDG No.: 1104

Matrix: (soil/water) WATER Lab Sample ID: 55648

Sample wt/vol: 1000 (g/mL) ML Lab File ID: B1707

Level: (low/med) LOW Date Received: 11/07/96

% Moisture: decanted: (Y/N) Date Extracted: 11/08/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/11/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

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

CAS NO. COMPOUND Q

108-95-2-----	Phenol	10	U
111-44-4-----	bis(2-Chloroethyl) Ether	10	U
95-57-8-----	2-Chlorophenol	10	U
541-73-1-----	1,3-Dichlorobenzene	10	U
106-46-7-----	1,4-Dichlorobenzene	10	U
95-50-1-----	1,2-Dichlorobenzene	10	U
95-48-7-----	2-Methylphenol	10	U
108-60-1-----	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5-----	4-Methylphenol	10	U
621-64-7-----	N-Nitroso-Di-n-Propylamine	10	U
67-72-1-----	Hexachloroethane	10	U
98-95-3-----	Nitrobenzene	10	U
78-59-1-----	Isophorone	10	U
88-75-5-----	2-Nitrophenol	10	U
105-67-9-----	2,4-Dimethylphenol	10	U
111-91-1-----	bis(2-Chloroethoxy) Methane	10	U
120-83-2-----	2,4-Dichlorophenol	10	U
120-82-1-----	1,2,4-Trichlorobenzene	10	U
91-20-3-----	Naphthalene	10	U
106-47-8-----	4-Chloroaniline	10	U
87-68-3-----	Hexachlorobutadiene	10	U
59-50-7-----	4-Chloro-3-Methylphenol	10	U
91-57-6-----	2-Methylnaphthalene	10	U
77-47-4-----	Hexachlorocyclopentadiene	10	U
88-06-2-----	2,4,6-Trichlorophenol	10	U
95-95-4-----	2,4,5-Trichlorophenol	25	U
91-58-7-----	2-Chloronaphthalene	10	U
88-74-4-----	2-Nitroaniline	25	U
131-11-3-----	Dimethylphthalate	10	U
208-96-8-----	Acenaphthylene	10	U
606-20-2-----	2,6-Dinitrotoluene	10	U
99-09-2-----	3-Nitroaniline	25	U
83-32-9-----	Acenaphthene	10	U

FORM I SV-1

12/91

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

A59245

Lab Name: E & E INC.

Contract: C003181

Lab Code: EANDE

Case No.: SH996

SAS No.:

SDG No.: 1104

Matrix: (soil/water) WATER

Lab Sample ID: 55648

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: B1707

Level: (low/med) LOW

Date Received: 11/07/96

% Moisture: decanted: (Y/N)

Date Extracted: 11/08/96

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 11/11/96

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: 7.2

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

CAS NO.

COMPOUND

Q

51-28-5-----	2,4-Dinitrophenol	25	U
100-02-7-----	4-Nitrophenol	25	U
132-64-9-----	Dibenzofuran	10	U
121-14-2-----	2,4-Dinitrotoluene	10	U
84-66-2-----	Diethylphthalate	10	U
7005-72-3-----	4-Chlorophenyl-phenylether	10	U
86-73-7-----	Fluorene	10	U
100-01-6-----	4-Nitroaniline	25	U
534-52-1-----	4,6-Dinitro-2-methylphenol	25	U
86-30-6-----	N-Nitrosodiphenylamine (1)	10	U
101-55-3-----	4-Bromophenyl-phenylether	10	U
118-74-1-----	Hexachlorobenzene	10	U
87-86-5-----	Pentachlorophenol	25	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	10	U
86-74-8-----	Carbazole	10	U
84-74-2-----	Di-n-Butylphthalate	10	U
206-44-0-----	Fluoranthene	10	U
129-00-0-----	Pyrene	10	U
85-68-7-----	Butylbenzylphthalate	10	U
91-94-1-----	3,3'-Dichlorobenzidine	10	U
56-55-3-----	Benzo(a)Anthracene	10	U
218-01-9-----	Chrysene	10	U
117-81-7-----	bis(2-Ethylhexyl)Phthalate	2	BJ ✓
117-84-0-----	Di-n-Octyl Phthalate	10	U
205-99-2-----	Benzo(b)Fluoranthene	10	U
207-08-9-----	Benzo(k)Fluoranthene	10	U
50-32-8-----	Benzo(a)Pyrene	10	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3-----	Dibenz(a,h)Anthracene	10	U
191-24-2-----	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-2

12/91

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

A59245

Lab Name: E & E INC.

Contract: C003181

Lab Code: EANDE

Case No.: SH996

SAS No.:

SDG No.: 1104

Matrix: (soil/water) WATER

Lab Sample ID: 55648

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: B1707

Level: (low/med) LOW

Date Received: 11/07/96

% Moisture: decanted: (Y/N)

Date Extracted: 11/08/96

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 11/11/96

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: 7.2

Number TICs found: 20

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1.	Unknown oxygenated hydrocarb	7.23	6	BJ
2.	Trichloropropene isomer	8.66	3	BJ
3.	Unknown carboxylic acid	10.65	2	J
4.	Unknown	12.72	13	BJ
5.	Unknown	13.36	6	J
6.	Unknown siloxane	13.43	29	J
7.	Unknown	14.42	4	J
8.	Unknown carboxylic acid	16.04	2	J
9.	Unknown siloxane	16.80	4	J
10.	Unknown	17.26	14	J
11.	Unknown	18.98	6	J
12.	Unknown	24.42	4	J
13.	Unknown	25.70	8	J
14.	Unknown hydrocarbon	26.57	3	J
15.	Unknown	27.45	5	J
16.	Straight-chain alkane	33.79	8	J
17.	Straight-chain alkane	34.75	10	J
18.	Straight-chain alkane	35.70	53	J
19.	Unknown	35.82	61	J
20.	Straight-chain alkane	36.74	92	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

A59245RE

Lab Name: E & E INC.

Contract: C003181

Lab Code: EANDE

Case No.: SH996

SAS No.:

SDG No.: 1104

Matrix: (soil/water) WATER

Lab Sample ID: 55648RE

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: B1715

Level: (low/med) LOW

Date Received: 11/07/96

% Moisture: decanted: (Y/N)

Date Extracted: 11/08/96

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 11/12/96

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

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

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

CAS NO.

COMPOUND

Q

108-95-2-----	Phenol	10	U
111-44-4-----	bis(2-Chloroethyl) Ether	10	U
95-57-8-----	2-Chlorophenol	10	U
541-73-1-----	1,3-Dichlorobenzene	10	U
106-46-7-----	1,4-Dichlorobenzene	10	U
95-50-1-----	1,2-Dichlorobenzene	10	U
95-48-7-----	2-Methylphenol	10	U
108-60-1-----	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5-----	4-Methylphenol	10	U
621-64-7-----	N-Nitroso-Di-n-Propylamine	10	U
67-72-1-----	Hexachloroethane	10	U
98-95-3-----	Nitrobenzene	10	U
78-59-1-----	Isophorone	10	U
88-75-5-----	2-Nitrophenol	10	U
105-67-9-----	2,4-Dimethylphenol	10	U
111-91-1-----	bis(2-Chloroethoxy) Methane	10	U
120-83-2-----	2,4-Dichlorophenol	10	U
120-82-1-----	1,2,4-Trichlorobenzene	10	U
91-20-3-----	Naphthalene	10	U
106-47-8-----	4-Chloroaniline	10	U
87-68-3-----	Hexachlorobutadiene	10	U
59-50-7-----	4-Chloro-3-Methylphenol	10	U
91-57-6-----	2-Methylnaphthalene	10	U
77-47-4-----	Hexachlorocyclopentadiene	10	U
88-06-2-----	2,4,6-Trichlorophenol	10	U
95-95-4-----	2,4,5-Trichlorophenol	25	U
91-58-7-----	2-Chloronaphthalene	10	U
88-74-4-----	2-Nitroaniline	25	U
131-11-3-----	Dimethylphthalate	10	U
208-96-8-----	Acenaphthylene	10	U
606-20-2-----	2,6-Dinitrotoluene	10	U
99-09-2-----	3-Nitroaniline	25	U
83-32-9-----	Acenaphthene	10	U

FORM I SV-1

12/91

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

A59245RE

Lab Name: E & E INC.

Contract: C003181

Lab Code: EANDE

Case No.: SH996

SAS No.:

SDG No.: 1104

Matrix: (soil/water) WATER

Lab Sample ID: 55648RE

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: B1715

Level: (low/med) LOW

Date Received: 11/07/96

% Moisture: decanted: (Y/N)

Date Extracted: 11/08/96

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 11/12/96

Injection Volume: 2.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: 7.2

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

CAS NO.

COMPOUND

Q

51-28-5-----	2,4-Dinitrophenol	25	U
100-02-7-----	4-Nitrophenol	25	U
132-64-9-----	Dibenzofuran	10	U
121-14-2-----	2,4-Dinitrotoluene	10	U
84-66-2-----	Diethylphthalate	10	U
7005-72-3-----	4-Chlorophenyl-phenylether	10	U
86-73-7-----	Fluorene	10	U
100-01-6-----	4-Nitroaniline	25	U
534-52-1-----	4,6-Dinitro-2-methylphenol	25	U
86-30-6-----	N-Nitrosodiphenylamine (1)	10	U
101-55-3-----	4-Bromophenyl-phenylether	10	U
118-74-1-----	Hexachlorobenzene	10	U
87-86-5-----	Pentachlorophenol	25	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	10	U
86-74-8-----	Carbazole	10	U
84-74-2-----	Di-n-Butylphthalate	10	U
206-44-0-----	Fluoranthene	10	U
129-00-0-----	Pyrene	10	U
85-68-7-----	Butylbenzylphthalate	10	U
91-94-1-----	3,3'-Dichlorobenzidine	10	U
56-55-3-----	Benzo(a)Anthracene	10	U
218-01-9-----	Chrysene	10	U
117-81-7-----	bis(2-Ethylhexyl)Phthalate	2	BJ
117-84-0-----	Di-n-Octyl Phthalate	10	U
205-99-2-----	Benzo(b)Fluoranthene	10	U
207-08-9-----	Benzo(k)Fluoranthene	10	U
50-32-8-----	Benzo(a)Pyrene	10	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3-----	Dibenz(a,h)Anthracene	10	U
191-24-2-----	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-2

12/91

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

A59245RE

Lab Name: E & E INC.

Contract: C003181

Lab Code: EANDE

Case No.: SH996

SAS No.:

SDG No.: 1104

Matrix: (soil/water) WATER

Lab Sample ID: 55648RE

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: B1715

Level: (low/med) LOW

Date Received: 11/07/96

% Moisture: decanted: (Y/N)

Date Extracted: 11/08/96

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 11/12/96

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: 7.2

Number TICs found: 20

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Cyclohexanol isomer	7.07	2	BJ
2.	Trichloropropene isomer	8.59	4	J
3.	Unknown oxygenated hydrocarb	12.54	7	BJ
4.	Unknown	13.28	6	J
5.	Unknown siloxane	13.35	23	J
6.	Unknown	14.35	4	J
7.	Unknown siloxane	16.72	4	J
8.	Unknown	17.18	11	J
9.	Unknown	18.50	4	J
10.	Unknown	18.91	8	J
11.	Unknown siloxane	20.55	3	J
12.	Unknown	25.64	17	J
13.	Unknown	27.37	8	J
14.	Straight-chain alkane	33.71	9	J
15.	Straight-chain alkane	34.68	13	J
16.	Straight-chain alkane	35.62	45	J
17.	Unknown	35.74	76	J
18.	Straight-chain alkane	36.65	70	J
19.	Unknown	37.92	41	J
20.	Straight-chain alkane	39.07	130	J

1
INORGANIC ANALYSES DATA SHEET

NYSDEC SAMPLE NO.

A59249

Lab Name: ECOLOGY_AND_ENVIRONMENT__ Contract: C003181__

Lab Code: EANDE__ Case No.: SH996__ SAS No.: __ SDG No.: 1104__

Matrix (soil/water): WATER

Lab Sample ID: 55651

Level (low/med): LOW__

Date Received: 11/07/96

% 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	198	B		P
7440-36-0	Antimony	4.8	U		P
7440-38-2	Arsenic	2.1	U		P
7440-39-3	Barium	40.8	B		P
7440-41-7	Beryllium	0.10	U		P
7440-43-9	Cadmium	0.39	B		P
7440-70-2	Calcium	215000			P
7440-47-3	Chromium	2.8	B		P
7440-48-4	Cobalt	1.2	U		P
7440-50-8	Copper	0.60	U		P
7439-89-6	Iron	53.5	B		P
7439-92-1	Lead	2.4	U		P
7439-95-4	Magnesium	48700			P
7439-96-5	Manganese	33.8			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	11.9	B		P
7440-09-7	Potassium	1020	B		P
7782-49-2	Selenium	4.5	U		P
7440-22-4	Silver	1.0	U		P
7440-23-5	Sodium	27400		E	P
7440-28-0	Thallium	3.0	U		P
7440-62-2	Vanadium	0.80	U		P
7440-66-6	Zinc	754			P

Color Before: CL__ Clarity Before: C__ Texture: __

Color After: CL__ Clarity After: C__ Artifacts: __

Comments:

MW-1B

NYSDEC SAMPLE NO.

A59249

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

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1
INORGANIC ANALYSES DATA SHEET

NYSDEC SAMPLE NO.

A59239

Lab Name: ECOLOGY_AND_ENVIRONMENT_____ Contract: C003181_____

Lab Code: EANDL_____ Case No.: SH996_____ SAS No.: _____ SDG No.: 1104_____

Matrix (soil/water): WATER

Lab Sample ID: 55642

Level (low/med): LOW_____

Date Received: 11/07/96

% 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	314	-		P
7440-36-0	Antimony	4.8	U		P
7440-38-2	Arsenic	2.1	U		P
7440-39-3	Barium	33.1	B		P
7440-41-7	Beryllium	0.10	U		P
7440-43-9	Cadmium	0.63	B		P
7440-70-2	Calcium	141000			P
7440-47-3	Chromium	2.5	B		P
7440-48-4	Cobalt	1.2	U		P
7440-50-8	Copper	4.4	B		P
7439-89-6	Iron	444			P
7439-92-1	Lead	2.4	U		P
7439-95-4	Magnesium	36700	-		P
7439-96-5	Manganese	44.7			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	3.0	B		P
7440-09-7	Potassium	2890	B		P
7782-49-2	Selenium	4.5	U		P
7440-22-4	Silver	1.0	U		P
7440-23-5	Sodium	54700		E	P
7440-28-0	Thallium	3.0	U		P
7440-62-2	Vanadium	0.80	U		P
7440-66-6	Zinc	16.5	B		P

Color Before: CL_____ Clarity Before: C_____ Texture: _____

Color After: CL_____ Clarity After: C_____ Artifacts: _____

Comments:

MW-2B

NYSDEC SAMPLE NO.

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

715

1
INORGANIC ANALYSES DATA SHEET

NYSDEC SAMPLE NO.

A59241

Lab Name: ECOLOGY_AND_ENVIRONMENT_____ Contract: C003181_____

Lab Code: EANDE_____ Case No.: SH996_____ SAS No.: _____ SDG No.: 1104_____

Matrix (soil/water): WATER

Lab Sample ID: 55644

Level (low/med): LOW_____

Date Received: 11/07/96

% 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	342	-		P
7440-36-0	Antimony	4.8	U		P
7440-38-2	Arsenic	2.1	U		P
7440-39-3	Barium	122	B		P
7440-41-7	Beryllium	0.10	U		P
7440-43-9	Cadmium	0.20	U		P
7440-70-2	Calcium	109000			P
7440-47-3	Chromium	2.7	B		P
7440-48-4	Cobalt	1.2	U		P
7440-50-8	Copper	2.3	B		P
7439-89-6	Iron	367			P
7439-92-1	Lead	2.4	U		P
7439-95-4	Magnesium	67300	-		P
7439-96-5	Manganese	71.3	-		P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	1.2	B		P
7440-09-7	Potassium	2180	B		P
7782-49-2	Selenium	4.5	U		P
7440-22-4	Silver	1.0	U		P
7440-23-5	Sodium	37700		E	P
7440-28-0	Thallium	3.0	U		P
7440-62-2	Vanadium	0.80	U		P
7440-66-6	Zinc	22.5	-		P

Color Before: CL_____ Clarity Before: C_____ Texture: _____

Color After: CL_____ Clarity After: C_____ Artifacts: _____

Comments:

MW-3B

1

INORGANIC ANALYSES DATA SHEET

1
INORGANIC ANALYSES DATA SHEET

NYSDEC SAMPLE NO.

A59243

Lab Name: ECOLOGY_AND_ENVIRONMENT__ Contract: C003181__

Lab Code: EANDE__ Case No.: SH996__ SAS No.: __ SDG No.: 1104__

Matrix (soil/water): WATER

Lab Sample ID: 55646

Level (low/med): LOW__

Date Received: 11/07/96

% 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	1030	-		P
7440-36-0	Antimony	4.8	U		P
7440-38-2	Arsenic	2.1	U		P
7440-39-3	Barium	282			P
7440-41-7	Beryllium	0.10	U		P
7440-43-9	Cadmium	0.20	U		P
7440-70-2	Calcium	134000			P
7440-47-3	Chromium	5.9	B		P
7440-48-4	Cobalt	1.2	U		P
7440-50-8	Copper	0.60	U		P
7439-89-6	Iron	1030			P
7439-92-1	Lead	6.3			P
7439-95-4	Magnesium	59600			P
7439-96-5	Manganese	101			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	3.3	B		P
7440-09-7	Potassium	1800	B		P
7782-49-2	Selenium	4.5	U		P
7440-22-4	Silver	1.0	U		P
7440-23-5	Sodium	183000		E	P
7440-28-0	Thallium	3.0	U		P
7440-62-2	Vanadium	0.97	B		P
7440-66-6	Zinc	48.3			P

Color Before: CL__ Clarity Before: C__ Texture: __

Color After: CL__ Clarity After: C__ Artifacts: __

Comments:

MW-4B

NYSDEC SAMPLE NO.

A59243

1
INORGANIC ANALYSES DATA SHEET

NYSDEC SAMPLE NO.

A59245

Lab Name: ECOLOGY_AND_ENVIRONMENT__ Contract: C003181__

Lab Code: EANDE__ Case No.: SH996__ SAS No.: __ SDG No.: 1104__

Matrix (soil/water): WATER

Lab Sample ID: 55648

Level (low/med): LOW__

Date Received: 11/07/96

% 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	390	-		P
7440-36-0	Antimony	4.8	U		P
7440-38-2	Arsenic	3.3	U		P
7440-39-3	Barium	95.8	B		P
7440-41-7	Beryllium	0.10	U		P
7440-43-9	Cadmium	0.20	U		P
7440-70-2	Calcium	85500			P
7440-47-3	Chromium	1.3	B		P
7440-48-4	Cobalt	4.0	B		P
7440-50-8	Copper	0.60	U		P
7439-89-6	Iron	1960			P
7439-92-1	Lead	10.7			P
7439-95-4	Magnesium	54500			P
7439-96-5	Manganese	690			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	9.7	B		P
7440-09-7	Potassium	1160	B		P
7782-49-2	Selenium	4.5	U		P
7440-22-4	Silver	1.0	U		P
7440-23-5	Sodium	124000		E	P
7440-28-0	Thallium	3.0	U		P
7440-62-2	Vanadium	0.80	U		P
7440-66-6	Zinc	258			P

Color Before: CL__

Clarity Before: C__

Texture: __

Color After: CL__

Clarity After: C__

Artifacts: __

Comments:

MW-5B

1

INORGANIC ANALYSES DATA SHEET

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

MW-1B
DEC SAMPLE NO.

A59249

Lab Name: E & E INC.

Contract: C003181

Lab Code: EANDE

Case No.: SH996

SAS No.:

SDG No.: 1104

Matrix: (soil/water) WATER

Lab Sample ID: 55651

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: H8741

Level: (low/med) LOW

Date Received: 11/07/96

% Moisture: not dec.

Date Analyzed: 11/09/96

GC Column: DB-624

ID: 0.530 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

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

CAS NO.

COMPOUND

Q

74-87-3-----	Chloromethane	10	U
74-83-9-----	Bromomethane	10	U
75-01-4-----	Vinyl Chloride	10	U
75-00-3-----	Chloroethane	10	U
75-09-2-----	Methylene Chloride	10	U
67-64-1-----	Acetone	10	U
75-15-0-----	Carbon Disulfide	10	U
75-35-4-----	1,1-Dichloroethene	10	U
75-34-3-----	1,1-Dichloroethane	10	U
540-59-0-----	1,2-Dichloroethene (total)	10	U
67-66-3-----	Chloroform	10	U
107-06-2-----	1,2-Dichloroethane	10	U
78-93-3-----	2-Butanone	10	U
71-55-6-----	1,1,1-Trichloroethane	10	U
56-23-5-----	Carbon Tetrachloride	10	U
75-27-4-----	Bromodichloromethane	10	U
78-87-5-----	1,2-Dichloropropane	10	U
10061-01-5-----	cis-1,3-Dichloropropene	10	U
79-01-6-----	Trichloroethene	10	U
124-48-1-----	Dibromochloromethane	10	U
79-00-5-----	1,1,2-Trichloroethane	10	U
71-43-2-----	Benzene	10	U
10061-02-6-----	trans-1,3-Dichloropropene	10	U
75-25-2-----	Bromoform	10	U
108-10-1-----	4-Methyl-2-Pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	10	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10	U
108-88-3-----	Toluene	10	U
108-90-7-----	Chlorobenzene	10	U
100-41-4-----	Ethylbenzene	10	U
100-42-5-----	Styrene	10	U
1330-20-7-----	Xylene (total)	10	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

DEC SAMPLE NO.

A59249

Lab Name: E & E INC.

Contract: C003181

Lab Code: EAND E

Case No.: SH996

SAS No.:

SDG No.: 1104

Matrix: (soil/water) WATER

Lab Sample ID: 55651

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: H8741

Level: (low/med) LOW

Date Received: 11/07/96

% Moisture: not dec.

Date Analyzed: 11/09/96

GC Column: DB-624 ID: 0.530 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

DEC SAMPLE NO.

A59239

Lab Name: E & E INC.

Contract: C003181

Lab Code: EANDE

Case No.: SH996

SAS No.:

SDG No.: 1104

Matrix: (soil/water) WATER

Lab Sample ID: 55642

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: H8715

Level: (low/med) LOW

Date Received: 11/07/96

% Moisture: not dec.

Date Analyzed: 11/08/96

GC Column: DB-624 ID: 0.530 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

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

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

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

DEC SAMPLE NO.

A59239

Lab Name: E & E INC.

Contract: C003181

Lab Code: EANDE

Case No.: SH996

SAS No.:

SDG No.: 1104

Matrix: (soil/water) WATER

Lab Sample ID: 55642

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: H8715

Level: (low/med) LOW

Date Received: 11/07/96

% Moisture: not dec.

Date Analyzed: 11/08/96

GC Column: DB-624 ID: 0.530 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

A59241

Lab Name: E & E INC.

Contract: C003181

Lab Code: EANDE

Case No.: SH996

SAS No.:

SDG No.: 1104

Matrix: (soil/water) WATER

Lab Sample ID: 55644

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: H8712

Level: (low/med) LOW

Date Received: 11/07/96

% Moisture: not dec.

Date Analyzed: 11/08/96

GC Column: DB-624 ID: 0.530 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

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

CAS NO.

COMPOUND

Q

74-87-3-----	Chloromethane	10	U
74-83-9-----	Bromomethane	10	U
75-01-4-----	Vinyl Chloride	10	U
75-00-3-----	Chloroethane	10	U
75-09-2-----	Methylene Chloride	10	U
67-64-1-----	Acetone	10	U
75-15-0-----	Carbon Disulfide	10	U
75-35-4-----	1,1-Dichloroethene	10	U
75-34-3-----	1,1-Dichloroethane	10	U
540-59-0-----	1,2-Dichloroethene (total)	10	U
67-66-3-----	Chloroform	10	U
107-06-2-----	1,2-Dichloroethane	10	U
78-93-3-----	2-Butanone	10	U
71-55-6-----	1,1,1-Trichloroethane	10	U
56-23-5-----	Carbon Tetrachloride	10	U
75-27-4-----	Bromodichloromethane	10	U
78-87-5-----	1,2-Dichloropropane	10	U
10061-01-5-----	cis-1,3-Dichloropropene	10	U
79-01-6-----	Trichloroethene	10	U
124-48-1-----	Dibromochloromethane	10	U
79-00-5-----	1,1,2-Trichloroethane	10	U
71-43-2-----	Benzene	10	U
10061-02-6-----	trans-1,3-Dichloropropene	10	U
75-25-2-----	Bromoform	10	U
108-10-1-----	4-Methyl-2-Pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	10	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10	U
108-88-3-----	Toluene	10	U
108-90-7-----	Chlorobenzene	10	U
100-41-4-----	Ethylbenzene	10	U
100-42-5-----	Styrene	10	U
1330-20-7-----	Xylene (total)	10	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

DEC SAMPLE NO.

A59241

Lab Name: E & E INC.

Contract: C003181

Lab Code: EAND E

Case No.: SH996

SAS No.:

SDG No.: 1104

Matrix: (soil/water) WATER

Lab Sample ID: 55644

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: H8712

Level: (low/med) LOW

Date Received: 11/07/96

% Moisture: not dec.

Date Analyzed: 11/08/96

GC Column: DB-624 ID: 0.530 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

A59243

Lab Name: E & E INC.

Contract: C003181

Lab Code: EANDE

Case No.: SH996

SAS No.:

SDG No.: 1104

Matrix: (soil/water) WATER

Lab Sample ID: 55646

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: H8718

Level: (low/med) LOW

Date Received: 11/07/96

% Moisture: not dec.

Date Analyzed: 11/08/96

GC Column: DB-624 ID: 0.530 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

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

CAS NO.

COMPOUND

Q

74-87-3-----	Chloromethane	10	U
74-83-9-----	Bromomethane	10	U
75-01-4-----	Vinyl Chloride	10	U
75-00-3-----	Chloroethane	10	U
75-09-2-----	Methylene Chloride	10	U
67-64-1-----	Acetone	10	U
75-15-0-----	Carbon Disulfide	10	U
75-35-4-----	1,1-Dichloroethene	10	U
75-34-3-----	1,1-Dichloroethane	10	U
540-59-0-----	1,2-Dichloroethene (total)	10	U
67-66-3-----	Chloroform	10	U
107-06-2-----	1,2-Dichloroethane	10	U
78-93-3-----	2-Butanone	10	U
71-55-6-----	1,1,1-Trichloroethane	10	U
56-23-5-----	Carbon Tetrachloride	10	U
75-27-4-----	Bromodichloromethane	10	U
78-87-5-----	1,2-Dichloropropane	10	U
10061-01-5-----	cis-1,3-Dichloropropene	10	U
79-01-6-----	Trichloroethene	10	U
124-48-1-----	Dibromochloromethane	10	U
79-00-5-----	1,1,2-Trichloroethane	10	U
71-43-2-----	Benzene	10	U
10061-02-6-----	trans-1,3-Dichloropropene	10	U
75-25-2-----	Bromoform	10	U
108-10-1-----	4-Methyl-2-Pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	10	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10	U
108-88-3-----	Toluene	10	U
108-90-7-----	Chlorobenzene	10	U
100-41-4-----	Ethylbenzene	10	U
100-42-5-----	Styrene	10	U
1330-20-7-----	Xylene (total)	10	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

DEC SAMPLE NO.

A59243

Lab Name: E & E INC.

Contract: C003181

Lab Code: EAND E

Case No.: SH996

SAS No.:

SDG No.: 1104

Matrix: (soil/water) WATER

Lab Sample ID: 55646

Sample wt/vol: , 5.0 (g/mL) ML

Lab File ID: H8718

Level: (low/med) LOW

Date Received: 11/07/96

% Moisture: not dec.

Date Analyzed: 11/08/96

GC Column: DB-624 ID: 0.530 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

MW-5B
DEC SAMPLE NO.

A59245

Lab Name: E & E INC.

Contract: C003181

Lab Code: EANDE

Case No.: SH996

SAS No.:

SDG No.: 1104

Matrix: (soil/water) WATER

Lab Sample ID: 55648

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: H8738

Level: (low/med) LOW

Date Received: 11/07/96

% Moisture: not dec.

Date Analyzed: 11/09/96

GC Column: DB-624 ID: 0.530 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
---------	----------	--	---

74-87-3-----	Chloromethane	10	U
74-83-9-----	Bromomethane	10	U
75-01-4-----	Vinyl Chloride	10	U
75-00-3-----	Chloroethane	10	U
75-09-2-----	Methylene Chloride	10	U
67-64-1-----	Acetone	10	U
75-15-0-----	Carbon Disulfide	10	U
75-35-4-----	1,1-Dichloroethene	10	U
75-34-3-----	1,1-Dichloroethane	10	U
540-59-0-----	1,2-Dichloroethene (total)	10	U
67-66-3-----	Chloroform	10	U
107-06-2-----	1,2-Dichloroethane	10	U
78-93-3-----	2-Butanone	10	U
71-55-6-----	1,1,1-Trichloroethane	10	U
56-23-5-----	Carbon Tetrachloride	10	U
75-27-4-----	Bromodichloromethane	10	U
78-87-5-----	1,2-Dichloropropane	10	U
10061-01-5-----	cis-1,3-Dichloropropene	10	U
79-01-6-----	Trichloroethene	10	U
124-48-1-----	Dibromochloromethane	10	U
79-00-5-----	1,1,2-Trichloroethane	10	U
71-43-2-----	Benzene	10	U
10061-02-6-----	trans-1,3-Dichloropropene	10	U
75-25-2-----	Bromoform	10	U
108-10-1-----	4-Methyl-2-Pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	10	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10	U
108-88-3-----	Toluene	10	U
108-90-7-----	Chlorobenzene	10	U
100-41-4-----	Ethylbenzene	10	U
100-42-5-----	Styrene	10	U
1330-20-7-----	Xylene (total)	10	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

DEC SAMPLE NO.

A59245

Lab Name: E & E INC.

Contract: C003181

Lab Code: EANDE

Case No.: SH996

SAS No.:

SDG No.: 1104

Matrix: (soil/water) WATER

Lab Sample ID: 55648

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: H8738

Level: (low/med) LOW

Date Received: 11/07/96

% Moisture: not dec.

Date Analyzed: 11/09/96

GC Column: DB-624 ID: 0.530 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====

9

GROUNDWATER
GEO-CHEMISTRY

TEST CODE : WHARD 1

JOB NUMBER : 9602.429

ELAP ID : 10486

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : NEW YORK STATE DEC

TEST NAME : TOTAL HARDNESS

UNITS : MG/L CACO3

PARAMETER : Total Hardness

SAMPLE ID RESULTS Q QNT. LIMIT

EE-96-55642

A59239

440

1.0

EE-96-55643

A59240

1000

1.0

EE-96-55644

A59241

490

1.0

EE-96-55645

A59242

580

1.0

EE-96-55646

A59243

560

1.0

EE-96-55647

A59244

700

1.0

EE-96-55648

A59245

420

1.0

EE-96-55649

A59246

420

1.0

EE-96-55651

A59249

550

1.0

QUALIFIERS: C = COMMENT

ND = NOT DETECTED

J = ESTIMATED VALUE

NA = NOT APPLICABLE

TEST CODE : WSO4 1

JOB NUMBER : 9602.429

ELAP ID : 10486

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : NEW YORK STATE DEC

TEST NAME : SULFATE

UNITS : MG/L

PARAMETER : Sulfate

SAMPLE ID RESULTS Q QNT. LIMIT

EE-96-55642

A59239

300

2.0

EE-96-55643

A59240

350

2.0

EE-96-55644

A59241

170

2.0

EE-96-55645

A59242

69

2.0

EE-96-55646

A59243

110

2.0

EE-96-55647

A59244

97

2.0

EE-96-55648

A59245

81

2.0

EE-96-55649

A59246

150

2.0

EE-96-55651

A59249

350

2.0

METHOD BLANK

ND

2.0

QUALIFIERS: C = COMMENT

ND = NOT DETECTED

J = ESTIMATED VALUE

NA = NOT APPLICABLE

TEST CODE :WPH 1

JOB NUMBER :9602.429

ELAP ID : 10486

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : NEW YORK STATE DEC

TEST NAME : PH

UNITS : S.U.

PARAMETER : pH

SAMPLE ID RESULTS Q QNT. LIMIT

EE-96-55642

A59239

8.0

0.10

EE-96-55643

A59240

7.1

0.10

EE-96-55644

A59241

7.3

0.10

EE-96-55645

A59242

7.1

0.10

EE-96-55646

A59243

7.4

0.10

EE-96-55647

A59244

7.1

0.10

EE-96-55648

A59245

7.2

0.10

EE-96-55649

A59246

7.7

0.10

EE-96-55651

A59249

7.1

0.10

QUALIFIERS: C = COMMENT

ND = NOT DETECTED

J = ESTIMATED VALUE

NA = NOT APPLICABLE

TEST CODE :WCL 1

JOB NUMBER :9602.429

ELAP ID : 10486

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : NEW YORK STATE DEC

TEST NAME : CHLORIDE

UNITS : MG/L

PARAMETER : Chloride

SAMPLE ID RESULTS Q QNT. LIMIT

EE-96-55642

A59239

50

1.0

EE-96-55643

A59240

20

1.0

EE-96-55644

A59241

24

1.0

EE-96-55645

A59242

260

1.0

EE-96-55646

A59243

390

1.0

EE-96-55647

A59244

100

1.0

EE-96-55648

A59245

160

1.0

EE-96-55649

A59246

14

1.0

EE-96-55651

A59249

38

1.0

METHOD BLANK

ND

1.0

QUALIFIERS: C = COMMENT

ND = NOT DETECTED

J = ESTIMATED VALUE

NA = NOT APPLICABLE

TEST CODE :WALK 1

JOB NUMBER :9602.429

ELAP ID : 10486

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : NEW YORK STATE DEC

TEST NAME : ALKALINITY TOTAL

UNITS : MG/L CaCO3

PARAMETER : Alkalinity Total

SAMPLE ID RESULTS Q QNT. LIMIT

MW-2B

EE-96-55642

A59239

190

1.0

MW-3A

EE-96-55643

A59240

560

1.0

MW-3B

EE-96-55644

A59241

390

1.0

MW-4A

EE-96-55645

A59242

440

1.0

MW-4B

EE-96-55646

A59243

290

1.0

MW-5A

EE-96-55647

A59244

520

1.0

MW-5B

EE-96-55648

A59245

390

1.0

MW-7A

EE-96-55649

A59246

260

1.0

MW-1B

EE-96-55651

A59249

320

1.0

QUALIFIERS: C = COMMENT

ND = NOT DETECTED

J = ESTIMATED VALUE

NA = NOT APPLICABLE

