ANSON ENVIRONMENTAL LTD.

771 New York Avenue
Huntington, New York 11743
516-351-3555
Fax: 516-351-3615

February 3, 2000

Mr. Robert R. Stewart, Environmental Engineer 1
New York State Department of Environmental Conservation
Building 40 – SUNY
Stony Brook, NY 11790-2356

Re: Work Plan for Soil Excavation and Disposal, dated October 11, 1999
Nassau Uniform Services, #1300063

Dear Mr. Stewart:

On November 23, 1999, in accordance with the referenced Work Plan, Anson Environmental Ltd. (AEL) excavated the contaminated soil at Nassau Uniform Services, 525 Ray Street, Freeport, New York. Using a mobile backhoe vehicle equipped with an excavator, approximately 50-tons of contaminated soil was removed from the excavation and loaded onto two trucks for immediate transport and disposal. The two trucks, owned and operated by Horwith Trucks, Inc., USA EPA ID No. PAD146714878, transported the excavated soil to Michigan Disposal, Inc., Belleville, Michigan for disposal. Copies of the Uniform Hazardous Waste Manifests for the two trucks are in Appendix 1.

The approximate location of the excavation is illustrated in Figure 1. Upon completing the excavation of the contaminated soil, six end-point samples were collected for laboratory analysis. Two samples were collected at the bottom and one sample was collected from each of the four sidewalls of the excavation. The collected samples were delivered to Upstate Laboratories Inc. where they were analyzed for volatile organic compounds (VOCs), semi-VOCs, PCBs and TAL metals using EPA Methods 8260 and 8270, 8080, 6010 and 7470. A copy of the Chain of Custody for the collected samples is in Appendix 1.

Figure 2 is a sketch of the excavation site showing the approximate locations where the six end-point samples were collected. The 4-feet deep excavation measured approximately 16-feet along Ray Street by 15-feet perpendicular to the Nassau Uniform Services building. Immediately after collecting the end-point samples, the excavation was back-filled with clean sand.

Copies of selected laboratory analyses of the end-point samples designated EXC-1 through EXC-6 are contained in Appendix 2 though Appendix 7, respectively. The complete ASP laboratory analytical package was received by AEL on January 30, 2000.

Tables 1, 2 and 3 summarize the concentrations of VOCs, Semi-VOCs and metals that were detected by the laboratory and exceeded NYSDEC Soil Cleanup Objectives (TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels). The laboratory reports indicate that the detected concentrations of acetone and methylene chloride were possibly/probably caused by blank contamination during the analytical procedure.

Based on the laboratory analyses, the soil remaining below the excavation is contaminated with the VOC tetrachloroethene and/or its breakdown products. Semi-VOCs contamination is apparently localized at end-point sample location EXC-6. The soil below the excavation is also contaminated with metals. The remediation of VOCs contamination at the excavation site can be accomplished using a Soil Vapor Extraction System similar to the one planned for the contaminated area below the center of the Nassau Uniform Services building. Since the excavation area will be capped with poured concrete, the metals will be prevented from being leached through the soils by precipitation.

Upstate Laboratories reported that low level concentrations of Arocol 1254 were detected in the end-point soil samples collected at locations EXC-4 and EXC-6. The concentration of Arocol 1245 at EXC-4 and EXC-6 was found to be 0.43 ppb (parts per billion) and 1.60 ppb, respectively. The previously mentioned TAGM Table 3 lists the soil cleanup objective for total PCBs as 1,000 ppb at the surface and 10,000 ppb at the subsurface. Based on the TAGM information, the concentrations of the PCBs detected in the collected end-point samples are below NYSDEC soil cleanup objectives and require no remediation.

If you have any questions about this matter, please call me at 631-355-3555.

Very truly yours,

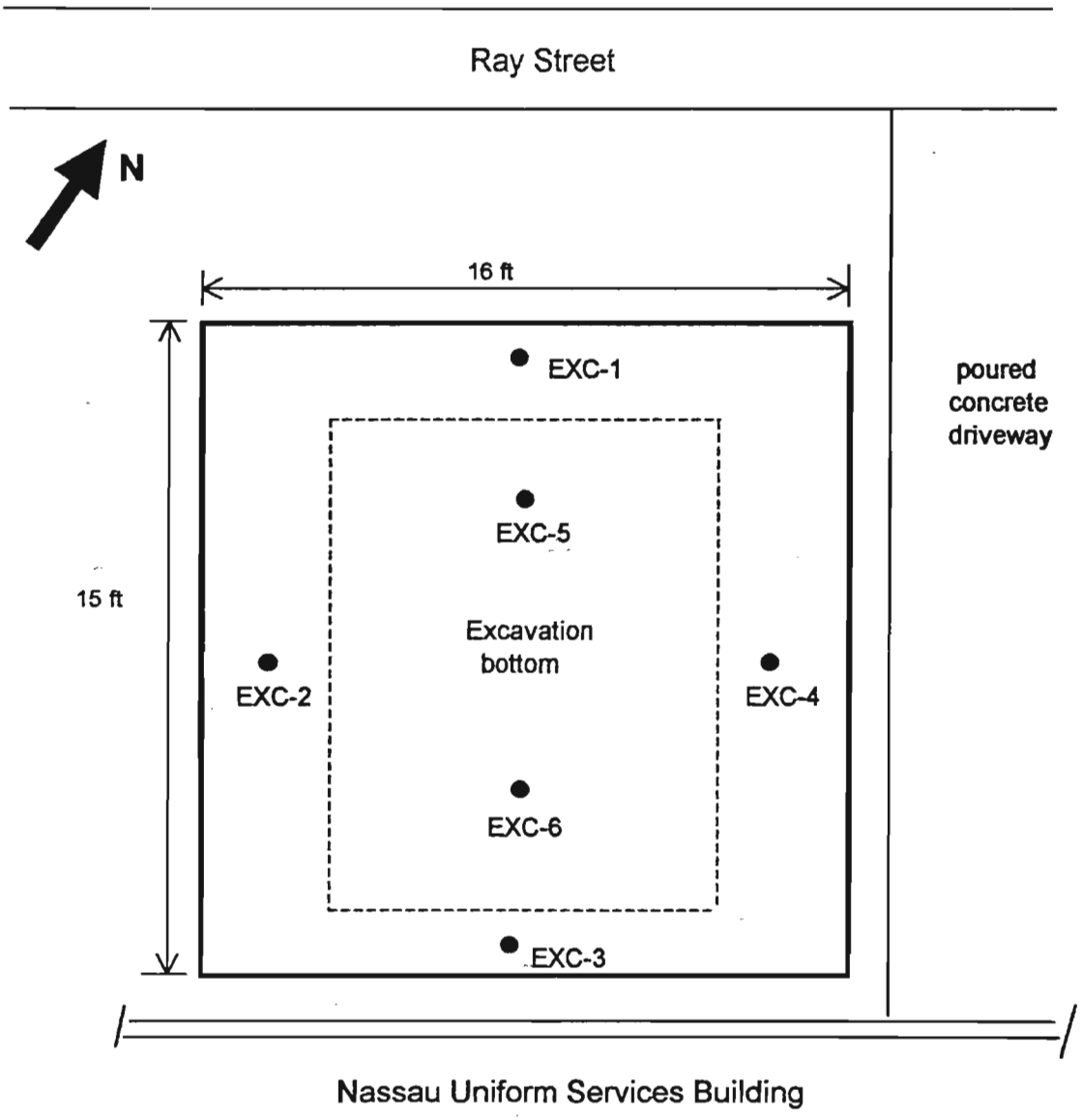
Dean Anson II

cc: Mr. Martin Zinn, Nassau Uniform Services
J. Snead, Esq., Jaspan Schlesinger Silverman & Hoffman
John Lovejoy, Nassau County Department of Health
John Olm, NYS Department of Health
Steven M. Scharf, P.E., NYSDEC
Patrick Malone, NYSDEC, QA/QC
Robert Knizek, NYSDEC
Joseph De Franco, Nassau County Department of Health

STA. 20, EL.= 100.00'
"+" CUT IN CONC. S.W.
CONC. CURB
RAY STREET
CONC. CURB
CONC. S.W.
PIEZOMETER #8
RIM ELEV. 98.53
EXCAVATION SITE
WOOD PICKET FENCE
PIPE OUTFLOW
(INV. 98.28)
25-E
26-E
27-E
28-E
24-E
CHAIN LINK FENCE
29-E
20-E
21-E
22-E
ASPHALT
WELL #4
EL.= 100.16'
17-E
PIEZOMETER #6
RIM ELEV. 100.35
(FL. EL. 100.3')
Areas of Soil Contamination
NASSAU UNIFORM SERVICES
14-I
#525 RAY STREET
WELL #2
EL.= 100.46'
1-I
5-I
PIEZOMETER #5
RIM ELEV. 100.36
2-I
9-I
8-I
OPEN
17-I
12-I
WASHER
6-I
15-I
FLOOR DRAIN
19-I
WELL #1
(="MW-SOUTH")
EL.= 100.57'
ASPHALT
16-E
18-E
PIEZOMETER #4
RIM ELEV. 100.39
PIEZOMETER #1
RIM ELEV. 100.43
10-I
20-I
3-I
PIEZOMETER
RIM ELEV. 100.41
SUPPLY WELL
COMPRESSOR SOIL SAMPLE
DRY WELL #1
19-E
4-I
7-I
Tidal well
CURB
CONC. CURB
ASPHALT
ASPHALT
Scale
240 Feet
WELL # MW-3
ELEV. 101.17
PIEZOMETER #3
RIM ELEV. 101.18

Figure 1

Horizontal Extent of Soil Contamination



Dimensions: approximate

Scale: none

Excavation
End-Point Sample Locations

Nassau Uniform Services
Freeport, NY

Figure 2

Table 1

Summary of Laboratory Results for End-Point Samples Collected from Excavation at Nassau Uniform Services

Sample date: November 23, 1999

VOCs	EXC-1 (ug/Kg)	EXC-2 (ug/Kg)	EXC-3 (ug/Kg)	EXC-4 (ug/Kg)	EXC-5 (ug/Kg)	EXC-6 (ug/Kg)	NYSDEC Soil Cleanup Objective (ug/Kg)
acetone			520		660	920	200
methylene chloride				700			100
trans-1,2-dichloroethene	370						300
cis-1,2-dichloroethene	5,600			2,400		52,000	250
trichloroethene				4,800		3,600	700
tetrachloroethene				30,000		10,000	1,400

Note: the listed compounds are those that exceed NYSDEC soil cleanup objectives

file: VOCs 11-99

Table 2

Summary of Laboratory Results for End-Point Samples Collected from Excavation at Nassau Uniform Services

Sample date: November 23, 1999

Semi-VOCs	EXC-1 (ug/Kg)	EXC-2 (ug/Kg)	EXC-3 (ug/Kg)	EXC-4 (ug/Kg)	EXC-5 (ug/Kg)	EXC-6 (ug/Kg)	NYSDEC Soil Cleanup Objective (ug/Kg)
benzo (a) pyrene	80						61
napthalene						18,000	13,000
dibenzofuran						8,900	6,200
benzo (a) anthracene						3,300	224
chrysene						3,300	400
bis (2-ethylhexyl) phthalate						63,000	50,000
benzo (b) fluoranthene						2,600	224
benzo (k) fluoranthene						930	224
benzo (a) pyrene						1,600	61

Note: the listed compounds are those that exceed NYSDEC soil cleanup objectives

file: SVOCs 11-99

Table 3

Summary of Laboratory Results for End-Point Samples Collected from Excavation at Nassau Uniform Services

Sample date: November 23, 1999

Metals	EXC-1 (mg/Kg)	EXC-2 (mg/Kg)	EXC-3 (mg/Kg)	EXC-4 (mg/Kg)	EXC-5 (mg/Kg)	EXC-6 (mg/Kg)	NYSDEC Soil Cleanup Objective (mg/Kg)
Aluminum	2900	1450	2440	2970	**7770**	1840	SB
Antimony	nd	nd	nd	nd	nd	**3.62**	SB
Arsenic	nd	nd	nd	nd	**10.8**	**5.78**	7.5 or SB
Barium	18.5	nd	nd	26.5	24.3	77.3	300 or SB
Beryllium	nd	nd	nd	nd	nd	nd	SB
Cadmium	4.12	nd	nd	3.7	nd	9.04	10
Calcium	**5950**	270	775	**2640**	**3100**	**2320**	SB
Chromium	7.12	3.15	6.22	**246**	19.8	46.8	50
Cobalt	nd	nd	nd	7.44	nd	nd	30 or SB
Copper	13	4.32	10.6	**494**	**49.2**	**172**	25 or SB
Iron	**6380**	3980	3410	**9970**	**9300**	**8650**	2000 or SB
Lead	20.3	7.13	8.76	222	93.9	435	200 to 500
Magnesium	66.3	399	620	**1520**	**1590**	**1100**	SB
Manganese	34.8	15.2	21.7	**80.1**	**69.9**	37.8	SB
Mercury	nd	nd	nd	**1.05**	nd	nd	0.1
Nickel	nd	nd	nd	**205**	nd	**34.4**	13 or SB
Potassium	**618**	259	**616**	421	**1480**	nd	SB
Selenium	nd	nd	nd	nd	nd	nd	2 or SB
Silver	**4.45**	nd	nd	nd	nd	nd	SB
Sodium	**403**	nd	nd	**283**	nd	nd	SB
Thallium	nd	nd	nd	nd	nd	nd	SB
Vanadium	8.86	nd	8.03	10.1	21.2	14.3	150 or SB
Zinc	**71.3**	17.6	17.6	**526**	**78.9**	**286**	20 or SB

Note: the metals listed in bold are those that exceed NYSDEC soil cleanup objectives

file: metals 11-99

nd = not detected SB = site background

Appendix 1

Uniform Hazardous Waste Manifests

and

Chain of Custody

for

Excavated Soil and Collected End-Point Samples

for

Nassau Uniform Services

Excavation and Sampling Date: November 23, 1999

DNR WASTE MANAGEMENT DIVISION
MICHIGAN DEPARTMENT OF NATURAL RESOURCES

DO NOT WRITE IN THIS SPACE
ATT. ☐ DIS. ☐ REJ. ☐ PR. ☐

Required under authority of Part 111, Part 121 of Act 451, 1994, as amended.

Failure to file may subject you to criminal and/or civil penalties under Sections 324.11151 or 324.12118 MCL

Please print or type.

Form Approved. OMB No. 2050-0039 Expires 9-

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NYD002417905 Manifest Document No. 29511
2. Page 1 of 1
Information in the shaded area is not required by Federal law.

3. Generator's Name and Mailing Address: Nassau Uniform Services, 525 Ray Street, Freeport, NY 11520
4. Generator's Phone (516) 378-0018

A. State Manifest Document Number: MI 4362971
B. State Generator's ID: SAME

5. Transporter 1 Company Name: Horwith Trucks Inc.
6. US EPA ID Number: PAD146714818
C. State Transporter's ID: NY-PA-26
D. Transporter's Phone: 800-220-8805

7. Transporter 2 Company Name
8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address: Michigan Disposal, Inc., 49350 N. I-94 Service Dr., Belleville, Michigan 48111
10. US EPA ID Number: MID000724831
G. State Facility's ID: SAME
H. Facility's Phone: 800-592-5489

	11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER). HM	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.	N
a.	X Hazardous Waste Solid, n.o.s. (F002) NA 3077, 9, PG III	001	DT	XXX25	T	F002	
b.							
c.							
d.							

J. Additional Descriptions for Materials Listed Above: a.) Soil contaminated with tetrachloroethylene

K. Handling Codes for Wastes Listed Above: a/ b/ c/ d/

15. Special Handling Instructions and Additional Information: Approval # 11299ME Trailer plate # XA-61007 (P

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR; if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: JAMES SPRAKER Signature: [signature] Date: Month Day Year

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JAMES SPRAKER Signature: [signature] Date: Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name Signature Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: DUANE JONES Signature: [signature] Date: Month Day Year

GENERATOR / TRANSPORTER / FACILITY

MUST BE REPORTED TO THE MICHIGAN POLLUTION EMERGENCY ALERTING SYSTEM, IN MICH... AT 1-800-292-4706 OR OUT OF STATE AT 517-373-7660 AND THE NATIONAL RESPONSE ... 1-800-424-8802 24 HOURS PER DAY.

EPA Form 8700-22 ... To be mailed by ... WASTE MANAGEMENT DIVISION

DNR WASTE MANAGEMENT DIVISION
MICHIGAN DEPARTMENT OF NATURAL RESOURCES

DO NOT WRITE IN THIS SPACE
ATT. ☐ DIS. ☐ REJ. ☐ PR. ☐

Required under authority of Part 121 of Act 451, 1994, as amended

Failure to file may subject you to criminal and/or civil penalties under Sections 324.11151 or 324.12116 MCL

Please print or type. Form Approved. OMB No. 2050-0039 Expires 9-3

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NYD002411790 Manifest Document No. 5629175
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: Nassau Uni Form Services, 525 Ray Street, Freeport, NY 11520
4. Generator's Phone: 516 378-0088

A. State Manifest Document Number: MI 4362975
B. State Generator's ID: SAME

5. Transporter 1 Company Name: Horwith Trucks, Inc.
6. US EPA ID Number: PAD141671198 78
C. State Transporter's ID: NY-PA-263
D. Transporter's Phone: 800-220-880

7. Transporter 2 Company Name
8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address: Michigan Disposal, Inc., 49350 N-I94 Service Dr., Belleville, Michigan 48111
10. US EPA ID Number: MID000724831
G. State Facility's ID: SAME
H. Facility's Phone: 800-592-5489

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER). HM		12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a.	X Hazardous Waste Solid, n.o.s. (F002) NA 3077, 9, PG III	001	DT	1 AX 25	T	F002 H
b.						
c.						
d.						

J. Additional Descriptions for Materials Listed Above: a.) Soil contaminated with perchloroethylene
K. Handling Codes for Wastes Listed Above: a/ b/ c/ d/

15. Special Handling Instructions and Additional Information: Approval # 112299ME Trailer Plate # TZ-03224(PA)

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR: If I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

GENERATOR

Printed/Typed Name: DAVID B. JONES — Signature — Date: Month 12 Day 23 Year 99

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: MARK Atocha — Signature — Date: Month 12 Day 23 Year 99

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name — Signature — Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: DIANE Jones — Signature — Date: Month 12 Day 24 Year 99

EPA Form 8700-22 (Rev. 9/88) To be mailed by WASTE MANAGEMENT DIVISION MICHIGAN DEPARTMENT OF NATURAL RESOURCES PR

GENERATOR: ... AT 1-800-592-4708 OR OUT OF STATE AT 517-373-7660 AND THE NATIONAL RESPONSE ... TO the MICHIGAN ... CEN. ... 1-800-424-8802 24 HOURS PER DAY.

...pstate ... boratories, Inc.
...34 Corporate Drive • E. Syracuse, NY 13057-1017
...5) 437 0255 Fax 437 1209

Chain Of Custody Record

ULI Computer Input Form 12/23

Client:	Client Project # / Project Name																				
ANSON ENVIRONMENTAL	95100 NASSAU UNIFORM																				
Client Contact:	Phone #	Site Location (city/state)																			
JOHN TEGINS	516 351-3555	FREEPORT, NY																			
Sample Location:	Date	Time	Matrix	Grab or Comp.	ULI Internal Use Only	No. of Con-tainers	1) 40Z GLASS	2) 1 QT GLASS	3)	4)	5)	6)	7)	8)	9)	10)	Special Turnaround Time_____ (Lab Notification required) Remarks				
EXC-1	11/23/99	1530	SOIL	GRAB	32899696	(2)	1	1	(X)								ASP! Category B				
EXC-2	11/23/99	1535	SOIL	GRAB	97	(2)	1	1	(X)												
EXC-3	11/23/99	1540	SOIL	GRAB	98	(2)	1	1	(X)												
EXC-4	11/23/99	1545	SOIL	GRAB	99	(2)	1	1	(X)												
EXC-5	11/23/99	1550	SOIL	GRAB	100	(2)	1	1	(X)												
EXC-6	11/23/99	1555	SOIL	GRAB	101	(2)	1	1	(X)												
(HOLDING BLANK)	(11-24-99)	(1000)	(W)	(G)	234	(1)	(X)														

Parameter and method	sample bottle:	type	size	pres.
VOA +10 8260		GLASS	40Z	NONE
BNA & +25, PCB's, TAL METALS (23) (% Solids)		GLASS	1 QT	NONE

Sampled by: (Please Print) JOHN TEGINS

Company: ANSON ENVIRONMENTAL LTD.

ULI Internal Use Only
Delivery (check one):
☐ ULI Sampled
☑ Pickup ☐ Dropoff
☐ cc EC

Relinquished by: (Signature)	Date	Time	Received by: (Signature)
John Tegins	11/23/99	1614	Russell Trovato
Russell Trovato	11/23/99		
	11/24/99	0815	

Rec'd for Lab by: (Signature)

Note: The numbered columns above cross-reference with the numbered columns in the upper right-hand corner.

Appendix 2

Laboratory Analytical Report for End-Point Samples

Collected at Excavation Location EXC-1

Sample Date: November 23, 1999

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EXC-1T

Lab Name: UPSTATE LABS INC Contract: ANSON EN

Lab Code: 10170 Case No.: 01 SAS No.: SDG No.: ANS01

Matrix: (soil/water) SOIL Lab Sample ID: 32999096

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C3811.D

Level: (low/med) LOW Date Received: 11/24/99

% Moisture: not dec. 18 Date Analyzed: 12/01/99

GC Column: RTX VO ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	12	U
75-1-4	Vinyl Chloride	4	J
74-83-9	Bromomethane	12	U
75-00-3	Chloroethane	12	U
67-64-1	Acetone	710	EB
75-35-4	1,1-Dichloroethene	12	U
75-15-0	Carbon Disulfide	10	J
75-09-2	Methylene Chloride	16	B
156-60-5	trans-1,2-Dichloroethene	1500	E
75-34-33	1,1-Dichloroethane	7	J
156-59-2	cis-1,2-Dichloroethene	17000	E
78-93-3	2-Butanone	12	U
67-66-3	Chloroform	12	U
107-06-2	1,2-Dichloroethane	12	U
71-55-6	1,1,1-Trichloroethane	12	U
56-23-5	Carbon Tetrachloride	12	U
71-43-2	Benzene	3	J
97-01-6	Trichloroethene	160	
78-87-5	1,2-Dichloropropane	12	U
75-27-4	Bromodichloromethane	12	U
10061-1-5	cis-1,3-Dichloropropene	12	U
10061-2-6	trans-1,3-Dichloropropene	12	U
79-00-5	1,1,2-Trichloroethane	12	U
124-48-1	Dibromochloromethane	12	U
75-25-2	Bromoform	12	U
108-10-1	4-Methyl-2-pentanone	220	
108-88-3	Toluene	43	
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	520	E
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	25	
108-38-3	m,p-Xylene	160	
95-47-6	o-Xylene	140	
100-42-5	Styrene	12	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
EXC-1T

Lab Name: UPSTATE LABS INC. Contract: ANSON EN

Lab Code: 10170 Case No.: 01 SAS No.: SDG No.: ANS01

Matrix: (soil/water) SOIL Lab Sample ID: 32699096

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C3811.D

Level: (low/med) LOW Date Received: 11/24/99

% Moisture: not dec. 13 Date Analyzed: 12/01/99

GC Column: RTX-1 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

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

Number TICs found: 20

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.		unknown hydrocarbon	19.01	18	J
2.		unknown hydrocarbon	19.24	16	J
3.	015869-94-0	Octane, 3,6-dimethyl-	19.50	26	JN
4.		unknown hydrocarbon	19.76	16	J
5.		unknown hydrocarbon	20.28	45	J
6.		unknown hydrocarbon	20.29	36	J
7.		unknown hydrocarbon	21.26	16	J
8.		unknown hydrocarbon	22.18	43	J
9.		unknown hydrocarbon	22.66	59	J
10.		unknown hydrocarbon	23.13	45	J
11.		unknown hydrocarbon	23.58	52	J
12.		unknown hydrocarbon	24.01	44	J
13.		unknown hydrocarbon	24.29	39	J
14.		unknown hydrocarbon	24.90	43	J
15.		unknown hydrocarbon	24.92	20	J
16.		unknown hydrocarbon	24.93	85	J
17.		unknown hydrocarbon	24.94	26	J
18.		unknown hydrocarbon	25.22	29	J
19.		unknown	25.93	19	J
20.		unknown hydrocarbon	26.80	16	J

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EXC-1T DL

Lab Name: UPSTATE LABS INC. Contract: ANSON EN

Lab Code: 10170 Case No.: 02 SAS No.: SDG No.: ANS01

Matrix: (soil/water) SOIL Lab Sample ID: 32399096DL

Sample wt/vol: 6.0 g(ml) G Lab File ID: E5400.D

Level: (low/med) MED Date Received: 11/24/99

% Moisture: not dec. 18 Date Analyzed: 12/02/99

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	1000	U
75-1-4	Vinyl Chloride	1000	U
74-83-9	Bromomethane	1000	U
75-00-3	Chloroethane	1000	U
67-64-1	Acetone	1000	U
75-35-4	1,1-Dichloroethene	1000	U
75-15-0	Carbon Disulfide	1000	U
75-09-2	Methylene Chloride	370	JB
156-60-5	trans-1,2-Dichloroethene	370	J
75-34-33	1,1-Dichloroethane	1000	U
156-59-2	cis-1,2-Dichloroethene	5600	
78-93-3	2-Butanone	1000	U
67-66-3	Chloroform	1000	U
107-06-2	1,2-Dichloroethane	1000	U
71-55-6	1,1,1-Trichloroethane	1000	U
56-23-5	Carbon Tetrachloride	1000	U
71-43-2	Benzene	1000	U
97-01-6	Trichloroethene	1000	U
78-87-5	1,2-Dichloropropane	1000	U
75-27-4	Bromodichloromethane	1000	U
10061-1-5	cis-1,3-Dichloropropene	1000	U
10061-2-6	trans-1,3-Dichloropropene	1000	U
79-00-5	1,1,2-Trichloroethane	1000	U
124-48-1	Dibromochloromethane	1000	U
75-25-2	Bromoform	1000	U
108-10-1	4-Methyl-2-pentanone	1000	U
108-88-3	Toluene	1000	U
591-78-6	2-Hexanone	1000	U
127-18-4	Tetrachloroethene	440	J
108-90-7	Chlorobenzene	1000	U
100-41-4	Ethylbenzene	1000	U
108-38-3	m,p-Xylene	180	J
95-47-6	o-Xylene	150	J
100-42-5	Styrene	1000	U
79-34-5	1,1,2,2-Tetrachloroethane	1000	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EXC-1T DL

Lab Name: UPSTATE LABS INC Contract: ANSON EN

Lab Code: 10170 Case No.: 02 SAS No.: SDG No.: ANS01

Matrix: (soil/water) SOIL Lab Sample ID: 32899096DL

Sample wt/vol: 5.0 (g/ml) G Lab File ID: E5400.D

Level: (low/med) MED Date Received: 11/24/99

% Moisture: not dec 13 Date Analyzed: 12/02/99

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

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

Number TICs found: 20

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1. 000124-18-5	Decane	29.43	5500	JN
2.	unknown hydrocarbon	30.46	2900	J
3. 000108-67-8	Benzene, 1,3,5-trimethyl-	30.73	2900	JN
4.	unknown hydrocarbon	31.28	11000	J
5.	unknown hydrocarbon	32.00	31000	J
6.	unknown hydrocarbon	32.56	4700	J
7.	unknown hydrocarbon	32.57	3200	J
8.	unknown hydrocarbon	32.58	2400	J
9.	unknown hydrocarbon	32.60	3100	J
10.	unknown hydrocarbon	32.62	9200	J
11.	unknown hydrocarbon	32.92	8000	J
12.	unknown hydrocarbon	33.74	4200	J
13.	unknown hydrocarbon	33.85	8700	J
14.	unknown hydrocarbon	33.88	2600	J
15.	unknown hydrocarbon	34.45	6700	J
16.	unknown hydrocarbon	34.52	3800	J
17.	unknown hydrocarbon	34.53	4800	J
18.	unknown	34.54	3800	J
19.	unknown hydrocarbon	35.44	99000	J
20.	unknown hydrocarbon	36.00	6900	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EXC-1T

Lab Name: Upstate Laboratories, Inc. Contract: Anson Envir

Lab Code: 10170 Case No.: SAS No.: SDG No.: ANS01

Matrix: (soil/water) SOIL Lab Sample ID: 32899096

Sample wt/vol: 30 (g/ml) G Lab File ID: A9829.D

Level: (low/med) LOW Date Received: 11/24/99

% Moisture: 18 decanted:(Y/N) N Date Extracted: 11/29/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/16/99

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
111-44-4	bis(2-Chloroethyl)ether	410	U
108-95-2	Phenol	340	J
95-57-8	2-Chlorophenol	410	U
541-73-1	1,3-Dichlorobenzene	410	U
106-46-7	1,4-Dichlorobenzene	410	U
95-50-1	1,2-Dichlorobenzene	410	U
108-60-1	2,2'-oxybis(1-Chloropropane)	410	U
95-48-7	2-Methylphenol	410	U
67-72-1	Hexachloroethane	410	U
621-64-7	N-Nitroso-di-n-propylamine	410	U
106-44-5	4-Methylphenol	570	
98-95-3	Nitrobenzene	410	U
78-59-1	Isophorone	410	U
88-75-5	2-Nitrophenol	410	U
105-67-9	2,4-Dimethylphenol	410	U
111-91-1	bis(2-Chloroethoxy)methane	410	U
120-83-2	2,4-Dichlorophenol	410	U
120-82-1	1,2,4-Trichlorobenzene	410	U
91-20-3	Naphthalene	170	J
106-47-8	4-Chloroaniline	410	U
87-68-3	Hexachlorobutadiene	410	U
59-50-7	4-Chloro-3-methylphenol	410	U
91-57-6	2-Methylnaphthalene	150	J
77-47-4	Hexachlorocyclopentadiene	410	U
88-06-2	2,4,6-Trichlorophenol	410	U
95-95-4	2,4,5-Trichlorophenol	410	U
91-58-7	2-Chloronaphthalene	410	U
88-74-4	2-Nitroaniline	4100	U
208-96-8	Acenaphthylene	410	U
131-11-3	Dimethyl phthalate	410	U
606-20-2	2,6-Dinitrotoluene	410	U
83-32-9	Acenaphthene	410	U
99-09-2	3-Nitroaniline	4100	U
51-28-5	2,4-Dinitrophenol	4100	U
132-64-9	Dibenzofuran	410	U
121-14-2	2,4-Dinitrotoluene	410	U
100-02-7	4-Nitrophenol	4100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EXC-1T

Lab Name: Upstate Laboratories, Inc. Contract: Anson Envir

Lab Code: 10170 Case No.: SAS No.: SDG No.: ANS01

Matrix: (soil/water) SOIL Lab Sample ID: 32899096

Sample wt/vol: 30 (g/ml) G Lab File ID: A9829.D

Level: (low/med) LOW Date Received: 11/24/99

% Moisture: 18 decanted:(Y/N) N Date Extracted: 11/29/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/16/99

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
86-73-7	Fluorene	42	J
7005-72-3	4-Chlorophenyl phenyl ether	410	U
84-66-2	Diethyl phthalate	410	U
100-01-6	4-Nitroaniline	4100	U
534-52-1	4,6-Dinitro-2-methylphenol	4100	U
86-30-6	n-Nitrosodiphenylamine	410	U
101-55-3	4-Bromophenyl phenyl ether	410	U
118-74-1	Hexachlorobenzene	410	U
87-86-5	Pentachlorophenol	810	U
85-01-8	Phenanthrene	160	J
120-12-7	Anthracene	410	U
84-74-2	Di-n-butyl phthalate	120	J
86-74-8	Carbazole	410	U
206-44-0	Fluoranthene	140	J
129-00-0	Pyrene	250	J
85-68-7	Butyl benzyl phthalate	390	J
91-94-1	3,3'-Dichlorobenzidine	410	U
56-55-3	Benzo[a]anthracene	80	J
218-01-9	Chrysene	95	J
117-81-7	bis(2-Ethylhexyl)phthalate	4300	E
117-84-0	Di-n-octyl phthalate	520	
205-99-2	Benzo[b]fluoranthene	140	J
207-08-9	Benzo[k]fluoranthene	58	J
50-32-8	Benzo[a]pyrene	80	J
193-39-5	Indeno[1,2,3-cd]pyrene	410	U
53-70-3	Dibenz[a,h]anthracene	410	U
191-24-2	Benzo[g,h,i]perylene	410	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET EPA SAMPLE NO.

TENTATIVELY IDENTIFIED COMPOUNDS

EXC-1T

Lab Name: Upstate Laboratories, Inc. Contract: Anson Envir

Lab Code: 10170 Case No.: _____ SAS No.: _____ SDG No.: ANS01

Matrix: (soil/water) SOIL Lab Sample ID: 32899096

Sample wt/vol: 30 (g/ml) G Lab File ID: A9829.D

Level: (low/med) LOW Date Received: 11/24/99

% Moisture: 18 decanted: (Y/N) N Date Analyzed: 12/16/99

Concentrated Extract Volume: 1000 (uL) Dilution Factor: 1.0

Injection Volume: 2.0 (uL) Soil Aliquot Volume: 2 (uL)

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

Number TICs found: 20 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	000141-79-7	3-Penten-2-one, 4-methyl-	5.75	7200	JN
2.		unknown	6.67	3500	J
3.		unknown	10.25	1500	J
4.	017301-28-9	unknown hydrocarbon	10.39	2000	JN
5.		unknown	10.55	1400	J
6.		unknown	10.58	1400	J
7.	062237-97-2	unknown hydrocarbon	11.16	1100	JN
8.	062237-97-2	unknown hydrocarbon	11.58	940	JN
9.		unknown hydrocarbon	11.67	2400	J
10.	062108-31-0	unknown hydrocarbon	11.74	2500	JN
11.	006418-41-3	unknown hydrocarbon	12.25	960	JN
12.	014720-74-2	unknown hydrocarbon	12.37	1200	JN
13.	062338-15-2	unknown hydrocarbon	12.84	930	JN
14.	062238-00-0	unknown hydrocarbon	12.91	1800	JN
15.	061141-72-8	unknown hydrocarbon	13.00	1400	JN
16.	017301-30-3	unknown hydrocarbon	13.65	950	JN
17.	074630-43-6	unknown hydrocarbon	13.77	940	JN
18.		unknown	13.85	1100	J
19.	000544-76-3	Hexadecane	16.24	1800	JN
20.	000629-78-7	Heptadecane	17.13	960	JN

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EXC-1TDL

Lab Name: Upstate Laboratories, Inc. Contract: Anson Envir

Lab Code: 10170 Case No.: SAS No.: SDG No.: ANS01

Matrix: (soil/water) SOIL Lab Sample ID: 32899096DL

Sample wt/vol: 30 (g/ml) G Lab File ID: AA119.D

Level: (low/med) LOW Date Received: 11/24/99

% Moisture: 18 decanted:(Y/N) N Date Extracted: 11/29/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/11/00

Injection Volume: 2.0 (uL) Dilution Factor: 4.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
111-44-4	bis(2-Chloroethyl)ether	1600	U
108-95-2	Phenol	1600	U
95-57-8	2-Chlorophenol	1600	U
541-73-1	1,3-Dichlorobenzene	1600	U
106-46-7	1,4-Dichlorobenzene	1600	U
95-50-1	1,2-Dichlorobenzene	1600	U
108-60-1	2,2'-oxybis(1-Chloropropane)	1600	U
95-48-7	2-Methylphenol	1600	U
67-72-1	Hexachloroethane	1600	U
621-64-7	N-Nitroso-di-n-propylamine	1600	U
106-44-5	4-Methylphenol	1600	U
98-95-3	Nitrobenzene	1600	U
78-59-1	Isophorone	1600	U
88-75-5	2-Nitrophenol	1600	U
105-67-9	2,4-Dimethylphenol	1600	U
111-91-1	bis(2-Chloroethoxy)methane	1600	U
120-83-2	2,4-Dichlorophenol	1600	U
120-82-1	1,2,4-Trichlorobenzene	1600	U
91-20-3	Naphthalene	220	JD
106-47-8	4-Chloroaniline	1600	U
87-68-3	Hexachlorobutadiene	1600	U
59-50-7	4-Chloro-3-methylphenol	1600	U
91-57-6	2-Methylnaphthalene	190	JD
77-47-4	Hexachlorocyclopentadiene	1600	U
88-06-2	2,4,6-Trichlorophenol	1600	U
95-95-4	2,4,5-Trichlorophenol	1600	U
91-58-7	2-Chloronaphthalene	1600	U
88-74-4	2-Nitroaniline	16000	U
208-96-8	Acenaphthylene	1600	U
131-11-3	Dimethyl phthalate	1600	U
606-20-2	2,6-Dinitrotoluene	1600	U
83-32-9	Acenaphthene	1600	U
99-09-2	3-Nitroaniline	16000	U
51-28-5	2,4-Dinitrophenol	16000	U
132-64-9	Dibenzofuran	1600	U
121-14-2	2,4-Dinitrotoluene	1600	U
100-02-7	4-Nitrophenol	16000	U

0000008

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EXC-1TDL

Lab Name: Upstate Laboratories, Inc. Contract: Anson Envir

Lab Code: 10170 Case No.: SAS No.: SDG No.: ANS01

Matrix: (soil/water) SOIL Lab Sample ID: 32899096DL

Sample wt/vol: 30 (g/ml) G Lab File ID: AA119.D

Level: (low/med) LOW Date Received: 11/24/99

% Moisture: 18 decanted:(Y/N) N Date Extracted: 11/29/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/11/00

Injection Volume: 2.0 (uL) Dilution Factor: 4.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
86-73-7	Fluorene	1600	U
7005-72-3	4-Chlorophenyl phenyl ether	1600	U
84-66-2	Diethyl phthalate	1600	U
100-01-6	4-Nitroaniline	16000	U
534-52-1	4,6-Dinitro-2-methylphenol	16000	U
86-30-6	n-Nitrosodiphenylamine	1600	U
101-55-3	4-Bromophenyl phenyl ether	1600	U
118-74-1	Hexachlorobenzene	1600	U
87-86-5	Pentachlorophenol	3300	U
85-01-8	Phenanthrene	190	JD
120-12-7	Anthracene	1600	U
84-74-2	Di-n-butyl phthalate	1600	U
86-74-8	Carbazole	1600	U
206-44-0	Fluoranthene	180	JD
129-00-0	Pyrene	190	JD
85-68-7	Butyl benzyl phthalate	310	JD
91-94-1	3,3'-Dichlorobenzidine	1600	U
56-55-3	Benzo[a]anthracene	1600	U
218-01-9	Chrysene	1600	U
117-81-7	bis(2-Ethylhexyl)phthalate	4900	D
117-84-0	Di-n-octyl phthalate	470	JD
205-99-2	Benzo[b]fluoranthene	1600	U
207-08-9	Benzo[k]fluoranthene	1600	U
50-32-8	Benzo[a]pyrene	1600	U
193-39-5	Indeno[1,2,3-cd]pyrene	1600	U
53-70-3	Dibenz[a,h]anthracene	1600	U
191-24-2	Benzo[g,h,i]perylene	1600	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET EPA SAMPLE NO.

TENTATIVELY IDENTIFIED COMPOUNDS

EXC-1TDL

Lab Name: Upstate Laboratories, Inc. Contract: Anson Envir

Lab Code: 10170 Case No.: _____ SAS No.: _____ SDG No.: ANS01

Matrix: (soil/water) SOIL Lab Sample ID: 32899096DL

Sample wt/vol: 30 (g/ml) G Lab File ID: AA119.D

Level: (low/med) LOW Date Received: 11/24/99

% Moisture: 18 decanted: (Y/N) N Date Analyzed: 01/11/00

Concentrated Extract Volume: 1000 (uL) Dilution Factor: 4.0

Injection Volume: 2.0 (uL) Soil Aliquot Volume: 2 (uL)

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

Number TICs found: 20 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		unknown	5.60	8500	JD
2.		unknown	6.53	3600	JD
3.		unknown	10.12	1800	JD
4.	064723-36-0	unknown hydrocarbon	10.27	2300	JND
5.	000095-93-2	unknown hydrocarbon	10.46	1800	JND
6.		unknown	11.54	4900	JD
7.		unknown hydrocarbon	11.61	5100	JD
8.	017302-27-1	unknown hydrocarbon	12.12	1900	JND
9.	001002-43-3	unknown hydrocarbon	12.24	2300	JND
10.	017312-82-2	unknown hydrocarbon	12.64	2400	JND
11.		unknown	12.67	1800	JD
12.	000998-35-6	unknown hydrocarbon	12.71	2000	JND
13.	017302-37-3	unknown hydrocarbon	12.78	3900	JND
14.	017312-82-2	unknown hydrocarbon	12.87	3000	JND
15.		unknown	12.94	2100	JD
16.		unknown	13.00	1700	JD
17.	054833-23-7	unknown hydrocarbon	13.08	1700	JND
18.		unknown hydrocarbon	13.52	2200	JD
19.		unknown hydrocarbon	17.84	1900	JD
20.		unknown	24.58	2000	JD

1A
PCB ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. ANSON 328-96

Lab Name: Upstate Labs Inc. Contract: ANSON ENV.

Lab Code: 10170 Case No.: SAS No.: SDG No.: ANS 01

Matrix: SOIL Lab Sample ID: ANSON 328-96

Sample wt.: 30 (GM) Lab File ID: PA5400

% Moisture: ~~82~~ 82 Decanted: NO Date Received: 11/24/99

Extraction: Sep Fun Date Extracted: 11/29/99

Conc Extract Vol.: 10 (ML) Date Analyzed: 1/3/~~99~~ 00

Injection Vol.: 2 (uL) Time Analyzed: 8:15:00 PM

GPC Cleanup: No pH: Dilution Factor: 250

Instr. ID: ULI 9.0 Sulfur Cleanup: Yes

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

SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

EXC-1T

Lab Name: Upstate Laboratories, Inc Contract: .

Lab Code: 10170 Case No.: SAS No.: SDG No.: ANS01

Matrix (soil/water): SOIL Lab Sample ID: 32899096

Level (low/med): LOW Date Received: 11/24/99

% Solids: 82.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	2900			P
7440-36-0	Antimony	3.6	U	N	P
7440-38-2	Arsenic	2.4	U		P
7440-39-3	Barium	18.5	B		P
7440-41-7	Beryllium	0.73	U		P
7440-43-9	Cadmium	4.1		N*	P
7440-70-2	Calcium	5950		*	P
7440-47-3	Chromium	7.1		*	P
7440-48-4	Cobalt	4.8	U		P
7440-50-8	Copper	13.0		*	P
7439-89-6	Iron	6380			P
7439-92-1	Lead	20.3		N*	P
7439-95-4	Magnesium	663	B		P
7439-96-5	Manganese	34.8		N*	P
7439-97-6	Mercury	0.12	U		CV
7440-02-0	Nickel	7.3	U		P
7440-09-7	Potassium	618	B		P
7782-49-2	Selenium	1.2	U	N	P
7440-22-4	Silver	4.5		N	P
7440-23-5	Sodium	403	B		P
7440-28-0	Thallium	2.4	U		P
7440-62-2	Vanadium	8.9	B		P
7440-66-6	Zinc	71.2		*	P
	Cyanide				
7429-90-5	Tin				

Color Before: BLACK Clarity Before: OPAQUE Texture: COARSE

Color After: YELLOW Clarity After: CLEAR Artifacts: YES

Comments:
STONES PRESENT IN SAMPLE.

0000012

Appendix 3

Laboratory Analytical Report for End-Point Samples

Collected at Excavation Location EXC-2

Sample Date: November 23, 1999

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EXC-2T

Lab Name: UPSTATE LABS INC. Contract: ANSON EN

Lab Code: 10170 Case No.: 01 SAS No.: SDG No.: ANS01

Matrix: (Soil/Water) SOIL Lab Sample ID: 32699097

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C3817.D

Level: (Low/med) LOW Date Received: 11/24/99

% Moisture: not dec. 13 Date Analyzed: 12/01/99

GC Column: RTX VO ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
75-1-4	Vinyl Chloride	11	U
74-83-9	Bromomethane	11	U
75-00-3	Chloroethane	11	U
67-64-1	Acetone	300	EB
75-35-4	1,1-Dichloroethene	11	U
75-15-0	Carbon Disulfide	21	
75-09-2	Methylene Chloride	14	B
156-60-5	trans-1,2-Dichloroethene	2	J
75-34-33	1,1-Dichloroethane	11	U
156-59-2	cis-1,2-Dichloroethene	31	
78-93-3	2-Butanone	100	
67-66-3	Chloroform	2	J
107-06-2	1,2-Dichloroethane	11	U
71-55-6	1,1,1-Trichloroethane	11	U
56-23-5	Carbon Tetrachloride	11	U
71-43-2	Benzene	11	U
97-01-6	Trichloroethene	3	J
78-87-5	1,2-Dichloropropane	11	U
75-27-4	Bromodichloromethane	11	U
10061-1-5	cis-1,3-Dichloropropene	11	U
10061-2-6	trans-1,3-Dichloropropene	11	U
79-00-5	1,1,2-Trichloroethane	11	U
124-48-1	Dibromochloromethane	11	U
75-25-2	Bromoform	11	U
108-10-1	4-Methyl-2-pentanone	11	U
108-88-3	Toluene	6	J
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	30	
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
108-38-3	m,p-Xylene	2	J
95-47-6	o-Xylene	11	U
100-42-5	Styrene	11	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET EPA SAMPLE NO.

TENTATIVELY IDENTIFIED COMPOUNDS

EXC-2T

Lab Name: UPSTATE LABS INC. Contract: ANSON EN

Lab Code: 10170 Case No.: 01 SAS No.: SDG No.: ANS01

Matrix: (soil/water) SOIL Lab Sample ID: 32999097

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C3817.D

Level: (low/med) LOW Date Received: 11/24/99

% Moisture: not dec. 13 Date Analyzed: 12/01/99

GC Column: RTX VOC ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:

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

Number TICs found: 20

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.		unknown	20.26	55	J
2.		unknown hydrocarbon	22.60	27	J
3.		unknown hydrocarbon	23.94	24	J
4.		unknown hydrocarbon	24.82	78	J
5.		unknown hydrocarbon	24.82	36	J
6.		unknown hydrocarbon	24.83	160	J
7.		unknown hydrocarbon	24.84	49	J
8.	000488-23-3	Benzene, 1,2,3,4-tetramethyl-	24.94	31	JN
9.		unknown hydrocarbon	25.63	28	J
10.		unknown hydrocarbon	25.92	31	J
11.		unknown hydrocarbon	26.65	31	J
12.		unknown hydrocarbon	26.77	94	J
13.		unknown hydrocarbon	26.78	47	J
14.	000091-20-3	Naphthalene	26.90	36	JN
15.		unknown hydrocarbon	27.13	51	J
16.		unknown hydrocarbon	27.14	56	J
17.		unknown hydrocarbon	27.48	34	J
18.		unknown hydrocarbon	27.77	23	J
19.		unknown hydrocarbon	28.14	72	J
20.		unknown hydrocarbon	28.38	31	J

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EXC-2T DL

Lab Name: UPSTATE LABS INC Contract: ANSON EN

Lab Code: 10170 Case No.: 01 SAS No.: SDG No.: ANS01

Matrix: (soil/water) SOIL Lab Sample ID: 32899097d

Sample wt/vol: 1.0 g/ml G Lab File ID: C3818.D

Level: (low/med) LOW Date Received: 11/24/99

% Moisture: not dec. 13 Date Analyzed: 12/01/99

GC Column: RTX VOL ID: 0.53 mm Dilution Factor: 1.0

Soil Extract Volume: Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	57	U
75-1-4	Vinyl Chloride	57	U
74-83-9	Bromomethane	57	U
75-00-3	Chloroethane	57	U
67-64-1	Acetone	260	B
75-35-4	1,1-Dichloroethene	57	U
75-15-0	Carbon Disulfide	21	J
75-09-2	Methylene Chloride	52	JB
156-60-5	trans-1,2-Dichloroethene	57	U
75-34-33	1,1-Dichloroethane	57	U
156-59-2	cis-1,2-Dichloroethene	19	J
78-93-3	2-Butanone	80	
67-66-3	Chloroform	6	J
107-06-2	1,2-Dichloroethane	57	U
71-55-6	1,1,1-Trichloroethane	57	U
56-23-5	Carbon Tetrachloride	57	U
71-43-2	Benzene	57	U
97-01-6	Trichloroethene	57	U
78-87-5	1,2-Dichloropropane	57	U
75-27-4	Bromodichloromethane	57	U
10061-1-5	cis-1,3-Dichloropropene	57	U
10061-2-6	trans-1,3-Dichloropropene	57	U
79-00-5	1,1,2-Trichloroethane	57	U
124-48-1	Dibromochloromethane	57	U
75-25-2	Bromoform	57	U
108-10-1	4-Methyl-2-pentanone	57	U
108-88-3	Toluene	57	U
591-78-6	2-Hexanone	57	U
127-18-4	Tetrachloroethene	32	J
108-90-7	Chlorobenzene	57	U
100-41-4	Ethylbenzene	57	U
108-38-3	m,p-Xylene	57	U
95-47-6	o-Xylene	57	U
100-42-5	Styrene	57	U
79-34-5	1,1,2,2-Tetrachloroethane	57	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EXC-2T DL

Lab Name: UPSTATE LABS INC. Contract: ANSON EN

Lab Code: 10170 Case No.: 01 SAS No.: SDG No.: ANS01

Matrix: (soil/water) SOIL Lab Sample ID: 32899097dl

Sample wt/vol: 1.0 (g/ml) G Lab File ID: C3818.D

Level: (low/med) LOW Date Received: 11/24/99

% Moisture: not dec. 13 Date Analyzed: 12/01/99

GC Column: RTX VO ID 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

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

Number TICs found: 4

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.		unknown hydrocarbon	4.40	39	J
2.		unknown hydrocarbon	4.41	29	J
3.		unknown	20.26	47	J
4.	000527-53-7	Benzene, 1,2,3,5-tetramethyl-	24.93	38	JN

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EXC-3T
~~EXC-1T~~

Lab Name: Upstate Laboratories Inc. Contract: Anson Envir

Lab Code: 10170 Case No.: _____ SAS No.: _____ SDG No.: ANS01

Matrix: (soil/water) SOIL Lab Sample ID: 32899097

Sample wt/vol: 30.3 (g/ml) G Lab File ID: A9826.D

Level: (low/med) LOW Date Received: 11/24/99

% Moisture: 13 decanted:(Y/N) N Date Extracted: 11/29/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/16/99

Injection Volume: 2.0 uL Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
111-44-4	bis(2-Chloroethyl)ether	380	U
108-95-2	Phenol	380	U
95-57-8	2-Chlorophenol	380	U
541-73-1	1,3-Dichlorobenzene	380	U
106-46-7	1,4-Dichlorobenzene	380	U
95-50-1	1,2-Dichlorobenzene	380	U
108-60-1	2,2'-oxybis(1-Chloropropane)	380	U
95-48-7	2-Methylphenol	380	U
67-72-1	Hexachloroethane	380	U
621-64-7	N-Nitroso-di-n-propylamine	380	U
106-44-5	4-Methylphenol	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
111-91-1	bis(2-Chloroethoxy)methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
120-82-1	1,2,4-Trichlorobenzene	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
59-50-7	4-Chloro-3-methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	380	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	3800	U
208-96-8	Acenaphthylene	380	U
131-11-3	Dimethyl phthalate	380	U
606-20-2	2,6-Dinitrotoluene	380	U
83-32-9	Acenaphthene	380	U
99-09-2	3-Nitroaniline	3800	U
51-28-5	2,4-Dinitrophenol	3800	U
132-64-9	Dibenzofuran	380	U
121-14-2	2,4-Dinitrotoluene	380	U
100-02-7	4-Nitrophenol	3800	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EXC-2T
~~EXC-1T~~

Lab Name: Upstate Laboratories Inc. Contract: Anson Envir

Lab Code: 10170 Case No.: _____ SAS No.: _____ SDG No.: ANS01

Matrix: (soil/water) SOIL Lab Sample ID: 32699097

Sample wt/vol: 30.3 (g/ml) G Lab File ID: A9626.D

Level: (low/med) LOW Date Received: 11/24/99

% Moisture: 13 decanted:(Y/N) N Date Extracted: 11/29/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/16/99

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
86-73-7	Fluorene	380	U
7005-72-3	4-Chlorophenyl phenyl ether	380	U
84-66-2	Diethyl phthalate	380	U
100-01-6	4-Nitroaniline	3800	U
534-52-1	4,6-Dinitro-2-methylphenol	3800	U
86-30-6	n-Nitrosodiphenylamine	380	U
101-55-3	4-Bromophenyl phenyl ether	380	U
118-74-1	Hexachlorobenzene	380	U
87-86-5	Pentachlorophenol	760	U
85-01-8	Phenanthrene	380	U
120-12-7	Anthracene	380	U
84-74-2	Di-n-butyl phthalate	380	U
86-74-8	Carbazole	380	U
206-44-0	Fluoranthene	380	U
129-00-0	Pyrene	380	U
85-68-7	Butyl benzyl phthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	380	U
56-55-3	Benzo[a]anthracene	380	U
218-01-9	Chrysene	380	U
117-81-7	bis(2-Ethylhexyl)phthalate	460	
117-84-0	Di-n-octyl phthalate	380	U
205-99-2	Benzo[b]fluoranthene	380	U
207-08-9	Benzo[k]fluoranthene	380	U
50-32-8	Benzo[a]pyrene	380	U
193-39-5	Indeno[1,2,3-cd]pyrene	380	U
53-70-3	Dibenz[a,h]anthracene	380	U
191-24-2	Benzo[g,h,i]perylene	380	U

0000018

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
EXC-2T
~~EXC-1T~~

Lab Name: Upstate Laboratories, Inc. Contract: Anson Envir

Lab Code: 10170 Case No.: _____ SAS No.: _____ SDG No.: ANS01

Matrix: (soil/water) SOIL Lab Sample ID: 32899097

Sample wt/vol: 30.3 (g/ml) G Lab File ID: A9826.D

Level: (low/med) LOW Date Received: 11/24/99

% Moisture: 13 decanted: (Y/N) N Date Analyzed: 12/16/99

Concentrated Extract Volume: 1000 (uL) Dilution Factor: 1.0

Injection Volume: 2.0 (uL) Soil Aliquot Volume: 2 (uL)

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

CONCENTRATION UNITS:

Number TICs found: 20 (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	000141-79-7	3-Penten-2-one, 4-methyl-	5.75	4700	JN
2.		unknown	6.66	2400	J
3.		unknown	8.57	270	J
4.	015869-94-0	unknown hydrocarbon	11.65	510	JN
5.	062237-97-2	unknown hydrocarbon	11.72	540	JN
6.		unknown	12.36	280	J
7.	017312-74-2	unknown hydrocarbon	12.76	300	JN
8.	062108-31-0	unknown hydrocarbon	12.89	500	JN
9.	025117-24-2	unknown hydrocarbon	12.99	410	JN
10.	062338-15-2	unknown hydrocarbon	13.06	320	JN
11.	017301-30-3	unknown hydrocarbon	13.64	410	JN
12.		unknown	13.84	290	J
13.		unknown	15.73	300	J
14.		unknown	17.24	440	J
15.		unknown	17.50	310	J
16.		unknown	17.58	370	J
17.		unknown	17.66	290	J
18.	000301-02-0	9-Octadecenamide, (Z)-	22.05	910	JN
19.		unknown	24.53	520	J
20.		unknown	28.16	340	J

1A
PCB ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. ANSON 328-97

Lab Name: Upstate Labs Inc. Contract: ANSON ENV.

Lab Code: [illegible] Case No.: SAS No.: SDG No.: ANS 01

Matrix: SOIL Lab Sample ID: ANSON 328-97

Sample wt.: 30 (GM) Lab File ID: PA5400

% Moisture: ~~Not~~ 87 Decanted: NO Date Received: 11/24/99

Extraction: Sep Fun Date Extracted: 11/29/99

Conc Extract Vol.: 10 (ML) Date Analyzed: 1/3/99 00

Injection Vol.: 2 (uL) Time Analyzed: 9:00:00 PM

GPC Cleanup: No pH: Dilution Factor: 50

Instr. ID: ULI 9.0 Sulfur Cleanup: Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS ug/kg	Q
12674-11-2	Aroclor 1016	0.09	U
11104-28-2	Aroclor 1221	0.09	U
11141-16-5	Aroclor 1232	0.09	U
53469-21-9	Aroclor 1242	0.09	U
12672-29-6	Aroclor 1248	0.09	U
11097-69-1	Aroclor 1254	0.09	U
11096-82-5	Aroclor 1260	0.09	U

ENVIROFORMS/INORGANIC CLP

SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

EXC-2T

Lab Name: Upstate Laboratories, Inc Contract: .

Lab Code: 10170 Case No.: SAS No.: SDG No.: ANS01

Matrix (soil/water): SOIL Lab Sample ID: 32899097

Level (low/med): LOW Date Received: 11/24/99

% Solids: 87.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1450			P
7440-36-0	Antimony	3.4	U	N	P
7440-38-2	Arsenic	2.3	U		P
7440-39-3	Barium	11.4	U		P
7440-41-7	Beryllium	0.69	U		P
7440-43-9	Cadmium	1.1	U	N*	P
7440-70-2	Calcium	270	B	*	P
7440-47-3	Chromium	3.2		*	P
7440-48-4	Cobalt	4.6	U		P
7440-50-8	Copper	4.3	B	*	P
7439-89-6	Iron	3980			P
7439-92-1	Lead	7.1		N*	P
7439-95-4	Magnesium	399	B		P
7439-96-5	Manganese	15.2		N*	P
7439-97-6	Mercury	0.11	U		CV
7440-02-0	Nickel	6.9	U		P
7440-09-7	Potassium	259	B		P
7782-49-2	Selenium	1.1	U	N	P
7440-22-4	Silver	2.3	U	N	P
7440-23-5	Sodium	229	U		P
7440-28-0	Thallium	2.3	U		P
7440-62-2	Vanadium	6.9	U		P
7440-66-6	Zinc	17.6		*	P
	Cyanide				
7429-90-5	Tin				

Color Before: BLACK Clarity Before: OPAQUE Texture: COARSE

Color After: YELLOW Clarity After: CLEAR Artifacts: YES

Comments:
STONES PRESENT IN SAMPLE.

0000021

Appendix 4

Laboratory Analytical Report for End-Point Samples

Collected at Excavation Location EXC-3

Sample Date: November 23, 1999

1E

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

EXC-3T

Lab Name: UPSTATE LABS INC Contract: ANSON EN

Lab Code: 10170 Case No.: 01 SAS No.: SDG No.: ANS01

Matrix: (soil/water) SOIL Lab Sample ID: 32899093

Sample wt/vol: 5.0 g/ml) G Lab File ID: C3613.D

Level: (low/med) LOW Date Received: 11/24/99

% Moisture: not dec. 15 Date Analyzed: 12/01/99

GC Column: RTX VO ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	12	U
75-1-4	Vinyl Chloride	74	
74-83-9	Bromomethane	12	U
75-00-3	Chloroethane	12	U
67-64-1	Acetone	730	EB
75-35-4	1,1-Dichloroethene	12	U
75-15-0	Carbon Disulfide	6	J
75-09-2	Methylene Chloride	13	B
156-60-5	trans-1,2-Dichloroethene	18	
75-34-33	1,1-Dichloroethane	6	J
156-59-2	cis-1,2-Dichloroethene	100	
78-93-3	2-Butanone	250	E
67-66-3	Chloroform	2	J
107-06-2	1,2-Dichloroethane	12	U
71-55-6	1,1,1-Trichloroethane	12	U
56-23-5	Carbon Tetrachloride	12	U
71-43-2	Benzene	12	U
97-01-6	Trichloroethene	10	J
78-87-5	1,2-Dichloropropane	12	U
75-27-4	Bromodichloromethane	12	U
10061-1-5	cis-1,3-Dichloropropene	12	U
10061-2-6	trans-1,3-Dichloropropene	12	U
79-00-5	1,1,2-Trichloroethane	12	U
124-48-1	Dibromochloromethane	12	U
75-25-2	Bromoform	12	U
108-10-1	4-Methyl-2-pentanone	16	
108-88-3	Toluene	8	J
591-78-6	2-Hexanone	8	J
127-18-4	Tetrachloroethene	380	E
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	12	U
108-38-3	m,p-Xylene	2	J
95-47-6	o-Xylene	1	J
100-42-5	Styrene	12	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EXC-3T

Lab Name: UPSTATE LABS INC Contract: ANSON EN

Lab Code: 10170 Case No: 31 SAS No: SDG No: ANS31

Matrix: (soil/water) SOIL Lab Sample ID: 32899093

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C3813.D

Level: (low/med) LOW Date Received: 11/24/99

% Moisture: not dec. 15 Date Analyzed: 12/01/99

GC Column: RTX VO ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:

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

Number TICs found: 20

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.		unknown	2.04	12	J
2.		unknown hydrocarbon	4.41	14	J
3.		unknown hydrocarbon	15.40	32	J
4.		unknown hydrocarbon	15.41	12	J
5.		unknown hydrocarbon	15.56	12	J
6.		unknown hydrocarbon	15.57	26	J
7.		unknown	20.27	20	J
8.	013466-78-9	3-Carene	22.12	38	JN
9.	025155-15-1	Benzene, methyl(1-methylethyl)-	22.65	12	JN
10.		unknown hydrocarbon	24.23	10	J
11.		unknown hydrocarbon	24.82	35	J
12.		unknown hydrocarbon	24.83	76	J
13.		unknown hydrocarbon	24.84	24	J
14.		unknown hydrocarbon	25.65	13	J
15.		unknown hydrocarbon	26.62	14	J
16.		unknown hydrocarbon	26.77	38	J
17.		unknown hydrocarbon	27.12	13	J
18.		unknown hydrocarbon	27.14	25	J
19.		unknown hydrocarbon	28.15	17	J
20.	001012-72-2	Benzene, 1,4-bis(1,1-dimethyleth	28.32	12	JN

0003022-A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EXC-3T DL

Lab Name: UPSTATE LABS INC Contract: ANSON EN

Lab Code: 10170 Case No.: 01 SAS No.: SDG No.: ANS01

Matrix: (soil/water) SOIL Lab Sample ID: 32899098

Sample wt/vol: 1.0 (g/mL) G Lab File ID: C3819.D

Level: (low/med) LOW Date Received: 11/24/99

% Moisture: not dec. 15 Date Analyzed: 12/01/99

GC Column: RTX VO ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	59	U
75-1-4	Vinyl Chloride	72	
74-83-9	Bromomethane	59	U
75-00-3	Chloroethane	59	U
67-64-1	Acetone	520	B
75-35-4	1,1-Dichloroethene	59	U
75-15-0	Carbon Disulfide	9	J
75-09-2	Methylene Chloride	51	JB
156-60-5	trans-1,2-Dichloroethene	15	J
75-34-33	1,1-Dichloroethane	59	U
156-59-2	cis-1,2-Dichloroethene	74	
78-93-3	2-Butanone	170	
67-66-3	Chloroform	59	U
107-06-2	1,2-Dichloroethane	59	U
71-55-6	1,1,1-Trichloroethane	59	U
56-23-5	Carbon Tetrachloride	59	U
71-43-2	Benzene	59	U
97-01-6	Trichloroethene	8	J
78-87-5	1,2-Dichloropropane	59	U
75-27-4	Bromodichloromethane	59	U
10061-1-5	cis-1,3-Dichloropropene	59	U
10061-2-6	trans-1,3-Dichloropropene	59	U
79-00-5	1,1,2-Trichloroethane	59	U
124-48-1	Dibromochloromethane	59	U
75-25-2	Bromoform	59	U
108-10-1	4-Methyl-2-pentanone	59	U
108-88-3	Toluene	59	U
591-78-6	2-Hexanone	59	U
127-18-4	Tetrachloroethene	210	
108-90-7	Chlorobenzene	59	U
100-41-4	Ethylbenzene	59	U
108-38-3	m,p-Xylene	59	U
95-47-6	o-Xylene	59	U
100-42-5	Styrene	59	U
79-34-5	1,1,2,2-Tetrachloroethane	59	U

0000023

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EXC-3T DL

Lab Name: UPSTATE LABS INC Contract: ANSON EN

Lab Code: 10170 Case No.: 01 SAS No.: SDG No.: ANS01

Matrix: (soil/water) SOIL Lab Sample ID: 32899098

Sample wt/vol: 1.0 (g/ml) G Lab File ID: C3819.D

Level: (low/med) LOW Date Received: 11/24/99

% Moisture: not dec 15 Date Analyzed: 12/01/99

GC Column: RTX .C .D 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

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

Number TICs found: 4

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	unknown hydrocarbon	4.40	39	J
2.	unknown	20.27	48	J
3.	unknown hydrocarbon	22.11	43	J
4.	unknown hydrocarbon	24.82	55	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EXC-3T

Lab Name: Upstate Laboratories Inc. Contract: Anson Envir

Lab Code: 10170 Case No.: SAS No.: SDG No.: ANS01

Matrix (soil/water) SOIL Lab Sample ID: 32899098

Sample wt/vol: 30.1 (g/ml) G Lab File ID: A9827.D

Level: (low/med) LOW Date Received: 11/24/99

% Moisture: 15 decanted:(Y/N) N Date Extracted: 11/29/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/16/99

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO:	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
111-44-4	bis(2-Chloroethyl)ether	390	U
108-95-2	Phenol	390	U
95-57-8	2-Chlorophenol	390	U
541-73-1	1,3-Dichlorobenzene	390	U
106-46-7	1,4-Dichlorobenzene	390	U
95-50-1	1,2-Dichlorobenzene	390	U
108-60-1	2,2'-oxybis(1-Chloropropane)	390	U
95-48-7	2-Methylphenol	390	U
67-72-1	Hexachloroethane	390	U
621-64-7	N-Nitroso-di-n-propylamine	390	U
106-44-5	4-Methylphenol	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
111-91-1	bis(2-Chloroethoxy)methane	390	U
120-83-2	2,4-Dichlorophenol	390	U
120-82-1	1,2,4-Trichlorobenzene	390	U
91-20-3	Naphthalene	390	U
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
59-50-7	4-Chloro-3-methylphenol	390	U
91-57-6	2-Methylnaphthalene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	390	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	3900	U
208-96-8	Acenaphthylene	390	U
131-11-3	Dimethyl phthalate	390	U
606-20-2	2,6-Dinitrotoluene	390	U
83-32-9	Acenaphthene	390	U
99-09-2	3-Nitroaniline	3900	U
51-28-5	2,4-Dinitrophenol	3900	U
132-64-9	Dibenzofuran	390	U
121-14-2	2,4-Dinitrotoluene	390	U
100-02-7	4-Nitrophenol	3900	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EXC-3T

Lab Name: Upstate Laboratories Inc. Contract: Anson Envir

Lab Code: 10170 Case No.: SAS No.: SDG No.: ANS01

Matrix: (soil/water) SOIL Lab Sample ID: 32899098

Sample wt/vol: 30.1 (g/mL) G Lab File ID: A9827.D

Level: (low/med) LOW Date Received: 11/24/99

% Moisture: 15 decanted:(Y/N) N Date Extracted: 11/29/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/16/99

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
86-73-7	Fluorene	390	U
7005-72-3	4-Chlorophenyl phenyl ether	390	U
84-66-2	Diethyl phthalate	390	U
100-01-6	4-Nitroaniline	3900	U
534-52-1	4,6-Dinitro-2-methylphenol	3900	U
86-30-6	n-Nitrosodiphenylamine	390	U
101-55-3	4-Bromophenyl phenyl ether	390	U
118-74-1	Hexachlorobenzene	390	U
87-86-5	Pentachlorophenol	780	U
85-01-8	Phenanthrene	390	U
120-12-7	Anthracene	390	U
84-74-2	Di-n-butyl phthalate	390	U
86-74-8	Carbazole	390	U
206-44-0	Fluoranthene	39	J
129-00-0	Pyrene	56	J
85-68-7	Butyl benzyl phthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	390	U
56-55-3	Benzo[a]anthracene	390	U
218-01-9	Chrysene	390	U
117-81-7	bis(2-Ethylhexyl)phthalate	550	
117-84-0	Di-n-octyl phthalate	390	U
205-99-2	Benzo[b]fluoranthene	390	U
207-08-9	Benzo[k]fluoranthene	390	U
50-32-8	Benzo[a]pyrene	390	U
193-39-5	Indeno[1,2,3-cd]pyrene	390	U
53-70-3	Dibenz[a,h]anthracene	390	U
191-24-2	Benzo[g,h,i]perylene	390	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
EXC-3T

Lab Name: Upstate Laboratories, Inc. Contract: Anson Envir

Lab Code: 10170 Case No.: _____ SAS No.: _____ SDG No.: ANS01

Matrix: (soil/water) SOIL Lab Sample ID: 32699098

Sample wt/vol: 30.1 (g/ml) G Lab File ID: A9827.D

Level: (low/med) LOW Date Received: 11/24/99

% Moisture: 15 decanted: (Y/N) N Date Analyzed: 12/16/99

Concentrated Extract Volume: 1000 (uL) Dilution Factor: 1.0

Injection Volume: 2.0 (uL) Soil Aliquot Volume: 2 (uL)

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

Number TICs found: 20 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	000141-79-7	3-Penten-2-one, 4-methyl-	5.74	6100	JN
2.	003142-66-3	3-Hydroxy-2-pentanone	6.67	3200	JN
3.	005911-04-6	unknown hydrocarbon	11.65	1200	JN
4.	062237-99-4	unknown hydrocarbon	11.72	1200	JN
5.	062237-99-4	unknown hydrocarbon	12.89	710	JN
6.	017302-28-2	unknown hydrocarbon	12.99	760	JN
7.	062108-25-2	unknown hydrocarbon	13.06	660	JN
8.		unknown	13.64	720	J
9.		unknown	13.84	660	J
10.		unknown	17.18	690	J
11.		unknown	17.25	1300	J
12.		unknown	17.42	620	J
13.	025154-52-3	Phenol, nonyl-	17.50	1000	JN
14.		unknown	17.59	920	J
15.		unknown	17.66	670	J
16.		unknown	22.05	1200	J
17.		unknown	24.53	670	J
18.		unknown	28.16	2600	J
19.		unknown hydrocarbon	28.51	1800	J
20.		unknown	28.76	870	J

1A

PCB ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. ANSCN 328-98

Lab Name: Upstate Labs Inc. Contract: ANSCN ENV.

Lab Code: 10170 Case No.: SAS No.: SDG No.: ANS 01

Matrix: SOIL Lab Sample ID: ANSCN 328-98

Sample wt.: 30 (GM) Lab File ID: PA5400

% Moisture: ~~35~~ 35 Decanted: NO Date Received: 11/24/99

Extraction: Sep Fun Date Extracted: 11/29/99

Conc Extract Vol.: 10 (ML) Date Analyzed: 12/3/99 DD

Injection Vol.: 2 (uL) Time Analyzed: 9:44:00 PM

GPC Cleanup: No pH: Dilution Factor: 50

Instr. ID: ULI 9.0 Sulfur Cleanup: Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS ug/kg	Q
12674-11-2	Aroclor 1016	0.09	U
11104-28-2	Aroclor 1221	0.09	U
11141-16-5	Aroclor 1232	0.09	U
53469-21-9	Aroclor 1242	0.09	U
12672-29-6	Aroclor 1248	0.09	U
11097-69-1	Aroclor 1254	0.09	U
11096-82-5	Aroclor 1260	0.09	U

ENVIROFORMS/INORGANIC CLP

SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

EXC-3T

Lab Name: Upstate Laboratories, Inc Contract: .

Lab Code: 10170 Case No.: SAS No.: SDG No.: ANS01

Matrix (soil/water): SOIL Lab Sample ID: 32899098

Level (low/med): LOW Date Received: 11/24/99

% Solids: 85.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	2440			P
7440-36-0	Antimony	3.5	U	N	P
7440-38-2	Arsenic	2.3	U		P
7440-39-3	Barium	11.7	U		P
7440-41-7	Beryllium	0.70	U		P
7440-43-9	Cadmium	1.2	U	N*	P
7440-70-2	Calcium	775	B	*	P
7440-47-3	Chromium	6.2		*	P
7440-48-4	Cobalt	4.7	U		P
7440-50-8	Copper	10.6		*	P
7439-89-6	Iron	3410			P
7439-92-1	Lead	8.8		N*	P
7439-95-4	Magnesium	620	B		P
7439-96-5	Manganese	21.8		N*	P
7439-97-6	Mercury	0.12	U		CV
7440-02-0	Nickel	7.0	U		P
7440-09-7	Potassium	616	B		P
7782-49-2	Selenium	1.2	U	N	P
7440-22-4	Silver	2.3	U	N	P
7440-23-5	Sodium	235	U		P
7440-28-0	Thallium	2.3	U		P
7440-62-2	Vanadium	8.0	B		P
7440-66-6	Zinc	17.6		*	P
	Cyanide				
7429-90-5	Tin				

Color Before: BLACK Clarity Before: OPAQUE Texture: COARSE

Color After: YELLOW Clarity After: CLEAR Artifacts: YES

Comments:
STONES PRESENT IN SAMPLE.

Appendix 5

Laboratory Analytical Report for End-Point Samples

Collected at Excavation Location EXC-4

Sample Date: November 23, 1999

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EXC-4T

Lab Name: UPSTATE LABS INC Contract: ANSON EN

Lab Code: 10170 Case No.: 02 SAS No.: SDG No.: ANS01

Matrix: (soil/water) SOIL Lab Sample ID: 32899099

Sample wt/vol: 6.0 (g/ml) G Lab File ID: E5401.D

Level: (low/med) MED Date Received: 11/24/99

% Moisture: not dec. 13 Date Analyzed: 12/02/99

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO:	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	1900	U
75-1-4	Vinyl Chloride	1900	U
74-83-9	Bromomethane	1900	U
75-00-3	Chloroethane	1900	U
67-64-1	Acetone	1900	U
75-35-4	1,1-Dichloroethene	1900	U
75-15-0	Carbon Disulfide	1900	U
75-09-2	Methylene Chloride	700	JB
156-60-5	trans-1,2-Dichloroethene	1900	U
75-34-33	1,1-Dichloroethane	1900	U
156-59-2	cis-1,2-Dichloroethene	2400	
78-93-3	2-Butanone	1900	U
67-66-3	Chloroform	1900	U
107-06-2	1,2-Dichloroethane	1900	U
71-55-6	1,1,1-Trichloroethane	1900	U
56-23-5	Carbon Tetrachloride	1900	U
71-43-2	Benzene	1900	U
97-01-6	Trichloroethene	4800	
78-87-5	1,2-Dichloropropane	1900	U
75-27-4	Bromodichloromethane	1900	U
10061-1-5	cis-1,3-Dichloropropene	1900	U
10061-2-6	trans-1,3-Dichloropropene	1900	U
79-00-5	1,1,2-Trichloroethane	1900	U
124-48-1	Dibromochloromethane	1900	U
75-25-2	Bromoform	1900	U
108-10-1	4-Methyl-2-pentanone	1900	U
108-88-3	Toluene	1900	U
591-78-6	2-Hexanone	1900	U
127-18-4	Tetrachloroethene	49000	E
108-90-7	Chlorobenzene	1900	U
100-41-4	Ethylbenzene	1900	U
108-38-3	m,p-Xylene	1900	U
95-47-6	o-Xylene	1900	U
100-42-5	Styrene	1900	U
79-34-5	1,1,2,2-Tetrachloroethane	1900	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
EXC-4T

Lab Name: UPSTATE LABS INC Contract: ANSON EN

Lab Code: 10170 Case No.: 02 SAS No.: SDG No.: ANS01

Matrix: (soil/water) SOIL Lab Sample ID: 32399099

Sample wt/vol: 5.0 (g/ml) G Lab File ID: E5401.D

Level: (low/med) MED Date Received: 11/24/99

% Moisture: not dec. 13 Date Analyzed: 12/02/99

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 50 (uL)

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

Number TICs found: 17

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	unknown hydrocarbon	23.82	13000	J
2. 001012-72-2	Benzene, 1,4-bis(1,1-dimethyleth	29.25	7000	JN
3.	unknown hydrocarbon	31.29	7000	J
4.	unknown hydrocarbon	32.00	17000	J
5.	unknown hydrocarbon	32.55	1900	J
6.	unknown hydrocarbon	32.59	1600	J
7.	unknown hydrocarbon	32.62	6100	J
8.	unknown hydrocarbon	33.25	970	J
9.	unknown hydrocarbon	33.74	3300	J
10.	unknown hydrocarbon	33.86	4800	J
11.	unknown hydrocarbon	34.43	5700	J
12.	unknown hydrocarbon	34.53	4400	J
13.	unknown hydrocarbon	34.54	3800	J
14.	unknown hydrocarbon	34.55	1200	J
15.	unknown hydrocarbon	35.43	65000	J
16.	unknown hydrocarbon	35.44	21000	J
17.	unknown hydrocarbon	36.01	8100	J

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

EXC-4T DL

Lab Name: UPSTATE LABS INC Contract: ANSON EN

Lab Code: 10170 Case No.: 32 SAS No.: SDG No.: ANS01

Matrix: (soil/water) SOIL Lab Sample ID: 32999099DL

Sample wt/vol: 6.0 g/mL G Lab File ID: E5395.D

Level: (low/med) MED Date Received: 11/24/99

% Moisture: not dec. 13 Date Analyzed: 12/01/99

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 5 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	19000	U
75-1-4	Vinyl Chloride	19000	U
74-83-9	Bromomethane	19000	U
75-00-3	Chloroethane	19000	U
67-64-1	Acetone	19000	U
75-35-4	1,1-Dichloroethene	19000	U
75-15-0	Carbon Disulfide	19000	U
75-09-2	Methylene Chloride	2900	JB
156-60-5	trans-1,2-Dichloroethene	19000	U
75-34-33	1,1-Dichloroethane	19000	U
156-59-2	cis-1,2-Dichloroethene	19000	U
78-93-3	2-Butanone	19000	U
67-66-3	Chloroform	19000	U
107-06-2	1,2-Dichloroethane	19000	U
71-55-6	1,1,1-Trichloroethane	19000	U
56-23-5	Carbon Tetrachloride	19000	U
71-43-2	Benzene	19000	U
97-01-6	Trichloroethene	2400	J
78-87-5	1,2-Dichloropropane	19000	U
75-27-4	Bromodichloromethane	19000	U
10061-1-5	cis-1,3-Dichloropropene	19000	U
10061-2-6	trans-1,3-Dichloropropene	19000	U
79-00-5	1,1,2-Trichloroethane	19000	U
124-48-1	Dibromochloromethane	19000	U
75-25-2	Bromoform	19000	U
108-10-1	4-Methyl-2-pentanone	19000	U
108-88-3	Toluene	19000	U
591-78-6	2-Hexanone	19000	U
127-18-4	Tetrachloroethene	30000	
108-90-7	Chlorobenzene	19000	U
100-41-4	Ethylbenzene	19000	U
108-38-3	m,p-Xylene	19000	U
95-47-6	o-Xylene	19000	U
100-42-5	Styrene	19000	U
79-34-5	1,1,2,2-Tetrachloroethane	19000	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EXC-4T DL

Lab Name: UPSTATE LABS INC. Contract: ANSON EN

Lab Code: 10170 Case No.: 02 SAS No.: SDG No.: ANS01

Matrix: (soil/water) SOIL Lab Sample ID: 32899099DL

Sample wt/vol: 8.0 (g/ml) G Lab File ID: E5395.D

Level: (low/med) MED Date Received: 11/24/99

% Moisture: not dec. 13 Date Analyzed: 12/01/99

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 5 (uL)

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

Number TICs found: 3

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	unknown hydrocarbon	23.63	11000	J
2.	unknown	28.40	13000	J
3.	unknown hydrocarbon	35.37	62000	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EXC-4T

Lab Name: Upstate Laboratories Inc. Contract: Anson Envir

Lab Code: 10170 Case No.: SAS No.: SDG No.: ANS01

Matrix: (soil/water) SOIL Lab Sample ID: 32899099

Sample wt/vol: 30 (g/ml) G Lab File ID: AA121.D

Level: (low/med) LOW Date Received: 11/24/99

% Moisture: 13 decanted:(Y/N) N Date Extracted: 11/29/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/11/00

Injection Volume: 2.0 uL Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
111-44-4	bis-2-Chloroethyl)ether	380	U
108-95-2	Phenol	380	U
95-57-8	2-Chlorophenol	380	U
541-73-1	1,3-Dichlorobenzene	380	U
106-46-7	1,4-Dichlorobenzene	380	U
95-50-1	1,2-Dichlorobenzene	380	U
108-60-1	2,2'-oxybis(1-Chloropropane)	380	U
95-48-7	2-Methylphenol	380	U
67-72-1	Hexachloroethane	380	U
621-64-7	N-Nitroso-di-n-propylamine	380	U
106-44-5	4-Methylphenol	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
111-91-1	bis(2-Chloroethoxy)methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
120-82-1	1,2,4-Trichlorobenzene	380	U
91-20-3	Naphthalene	72	J
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
59-50-7	4-Chloro-3-methylphenol	380	U
91-57-6	2-Methylnaphthalene	49	J
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	380	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	3800	U
208-96-8	Acenaphthylene	380	U
131-11-3	Dimethyl phthalate	380	U
606-20-2	2,6-Dinitrotoluene	380	U
83-32-9	Acenaphthene	87	J
99-09-2	3-Nitroaniline	3800	U
51-28-5	2,4-Dinitrophenol	3800	U
132-64-9	Dibenzofuran	42	J
121-14-2	2,4-Dinitrotoluene	380	U
100-02-7	4-Nitrophenol	3800	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EXC-4T

Lab Name: Upstate Laboratories Inc. Contract: Anson Envir

Lab Code: 10170 Case No.: SAS No.: SDG No.: ANS01

Matrix: (soil/water) SOIL Lab Sample ID: 32399099

Sample wt/vol: 30 g/ml) G Lab File ID: AA121.D

Level: (low/med) LOW Date Received: 11/24/99

% Moisture: 13 decanted:(Y/N) N Date Extracted: 11/29/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/11/00

Injection Volume: 2.0 uL Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
86-73-7	Fluorene	380	U
7005-72-3	4-Chlorophenyl phenyl ether	380	U
84-66-2	Diethyl phthalate	380	U
100-01-6	4-Nitroaniline	3800	U
534-52-1	4,6-Dinitro-2-methylphenol	3800	U
86-30-6	n-Nitrosodiphenylamine	380	U
101-55-3	4-Bromophenyl phenyl ether	380	U
118-74-1	Hexachlorobenzene	380	U
87-86-5	Pentachlorophenol	770	U
85-01-8	Phenanthrene	210	J
120-12-7	Anthracene	77	J
84-74-2	Di-n-butyl phthalate	150	J
86-74-8	Carbazole	380	U
206-44-0	Fluoranthene	130	J
129-00-0	Pyrene	230	J
85-68-7	Butyl benzyl phthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	380	U
56-55-3	Benzo[a]anthracene	49	J
218-01-9	Chrysene	69	J
117-81-7	bis(2-Ethylhexyl)phthalate	6200	E
117-84-0	Di-n-octyl phthalate	380	U
205-99-2	Benzo[b]fluoranthene	380	U
207-08-9	Benzo[k]fluoranthene	380	U
50-32-8	Benzo[a]pyrene	380	U
193-39-5	Indeno[1,2,3-cd]pyrene	380	U
53-70-3	Dibenz[a,h]anthracene	380	U
191-24-2	Benzo[g,h,i]perylene	380	U

0000035

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET EPA SAMPLE NO.

TENTATIVELY IDENTIFIED COMPOUNDS

EXC-4T

Lab Name: Upstate Laboratories, Inc. Contract: Anson Envir

Lab Code: 10170 Case No.: SAS No.: SDG No.: ANS01

Matrix: (soil/water) SOIL Lab Sample ID: 32899099

Sample wt/vol: 30 (g/ml) G Lab File ID: AA121.D

Level: (low/med) LOW Date Received: 11/24/99

% Moisture: 13 decanted: (Y/N) N Date Analyzed: 01/11/00

Concentrated Extract Volume: 1000 (uL) Dilution Factor: 1.0

Injection Volume: 2.0 (uL) Soil Aliquot Volume: 2 (uL)

GPC Cleanup: (Y/N) N pH:

Number TICs found: 20 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	010574-37-5	2-Pentene, 2,3-dimethyl-	5.63	5500	JN
2.	000127-18-4	Ethene, tetrachloro-	5.77	3100	JN
3.		unknown	6.57	3000	J
4.		unknown	10.13	1500	J
5.	017302-37-3	unknown hydrocarbon	10.28	1800	JN
6.		unknown	10.44	1300	J
7.	017301-30-3	unknown hydrocarbon	10.76	850	JN
8.		unknown	11.48	770	J
9.		unknown	11.58	2500	J
10.		unknown hydrocarbon	11.65	2400	J
11.		unknown	12.05	1200	J
12.		unknown hydrocarbon	12.14	780	J
13.	017312-82-2	unknown hydrocarbon	12.27	860	JN
14.	074645-98-0	unknown hydrocarbon	12.68	920	JN
15.	013475-82-6	unknown hydrocarbon	12.82	1000	JN
16.	000562-49-2	unknown hydrocarbon	12.91	1000	JN
17.		unknown	13.56	930	J
18.		unknown	13.75	820	J
19.	001921-70-6	unknown hydrocarbon	17.05	940	JN
20.		unknown	17.20	910	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EXC-4TDL

Lab Name: Upstate Laboratories, Inc. Contract: Anson Envir

Lab Code: 10170 Case No.: SAS No.: SDG No.: ANS01

Matrix: (soil/water) SOIL Lab Sample ID: 32899099DL

Sample wt/vol: 30 (g/ml) G Lab File ID: AA118.D

Level: (low/med) LOW Date Received: 11/24/99

% Moisture: 13 decanted:(Y/N) N Date Extracted: 11/29/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/11/00

Injection Volume: 2.0 (uL) Dilution Factor: 4.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
111-44-4	bis(2-Chloroethyl)ether	1500	U
108-95-2	Phenol	1500	U
95-57-8	2-Chlorophenol	1500	U
541-73-1	1,3-Dichlorobenzene	1500	U
106-46-7	1,4-Dichlorobenzene	1500	U
95-50-1	1,2-Dichlorobenzene	1500	U
108-60-1	2,2'-oxybis(1-Chloropropane)	1500	U
95-48-7	2-Methylphenol	1500	U
67-72-1	Hexachloroethane	1500	U
621-64-7	N-Nitroso-di-n-propylamine	1500	U
106-44-5	4-Methylphenol	1500	U
98-95-3	Nitrobenzene	1500	U
78-59-1	Isophorone	1500	U
88-75-5	2-Nitrophenol	1500	U
105-67-9	2,4-Dimethylphenol	1500	U
111-91-1	bis(2-Chloroethoxy)methane	1500	U
120-83-2	2,4-Dichlorophenol	1500	U
120-82-1	1,2,4-Trichlorobenzene	1500	U
91-20-3	Naphthalene	1500	U
106-47-8	4-Chloroaniline	1500	U
87-68-3	Hexachlorobutadiene	1500	U
59-50-7	4-Chloro-3-methylphenol	1500	U
91-57-6	2-Methylnaphthalene	1500	U
77-47-4	Hexachlorocyclopentadiene	1500	U
88-06-2	2,4,6-Trichlorophenol	1500	U
95-95-4	2,4,5-Trichlorophenol	1500	U
91-58-7	2-Chloronaphthalene	1500	U
88-74-4	2-Nitroaniline	15000	U
208-96-8	Acenaphthylene	1500	U
131-11-3	Dimethyl phthalate	1500	U
606-20-2	2,6-Dinitrotoluene	1500	U
83-32-9	Acenaphthene	1500	U
99-09-2	3-Nitroaniline	15000	U
51-28-5	2,4-Dinitrophenol	15000	U
132-64-9	Dibenzofuran	1500	U
121-14-2	2,4-Dinitrotoluene	1500	U
100-02-7	4-Nitrophenol	15000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EXC-4TDL

Lab Name: Upstate Laboratories Inc Contract: Anson Envir

Lab Code: 10170 Case No.: SAS No.: SDG No.: ANS01

Matrix: (soil/water) SOIL Lab Sample ID: 32899099DL

Sample wt/vol: 30 (g/ml) G Lab File ID: AA118.D

Level: (low/med) LOW Date Received: 11/24/99

% Moisture: 13 decanted:(Y/N) N Date Extracted: 11/29/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/11/00

Injection Volume: 2.0 (uL) Dilution Factor: 4.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
86-73-7	Fluorene	1500	U
7005-72-3	4-Chlorophenyl phenyl ether	1500	U
84-66-2	Diethyl phthalate	1500	U
100-01-6	4-Nitroaniline	15000	U
534-52-1	4,6-Dinitro-2-methylphenol	15000	U
86-30-6	n-Nitrosodiphenylamine	1500	U
101-55-3	4-Bromophenyl phenyl ether	1500	U
118-74-1	Hexachlorobenzene	1500	U
87-86-5	Pentachlorophenol	3100	U
85-01-8	Phenanthrene	270	JD
120-12-7	Anthracene	1500	U
84-74-2	Di-n-butyl phthalate	1500	U
86-74-8	Carbazole	1500	U
206-44-0	Fluoranthene	200	JD
129-00-0	Pyrene	370	JD
85-68-7	Butyl benzyl phthalate	1500	U
91-94-1	3,3'-Dichlorobenzidine	1500	U
56-55-3	Benzo[a]anthracene	1500	U
218-01-9	Chrysene	1500	U
117-81-7	bis(2-Ethylhexyl)phthalate	13000	ED
117-84-0	Di-n-octyl phthalate	1500	U
205-99-2	Benzo[b]fluoranthene	1500	U
207-08-9	Benzo[k]fluoranthene	1500	U
50-32-8	Benzo[a]pyrene	1500	U
193-39-5	Indeno[1,2,3-cd]pyrene	1500	U
53-70-3	Dibenz[a,h]anthracene	1500	U
191-24-2	Benzo[g,h,i]perylene	1500	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EXC-4TDL

Lab Name: Upstate Laboratories, Inc. Contract: Anson Envir

Lab Code: 10170 Case No.: _____ SAS No.: _____ SDG No.: ANS01

Matrix: (soil/water) SOIL Lab Sample ID: 32899C99DL

Sample wt/vol: 30 (g/ml) G Lab File ID: AA118.D

Level: (low/med) LOW Date Received: 11/24/99

% Moisture: 13 decanted: (Y/N) N Date Analyzed: 01/11/00

Concentrated Extract Volume: 1000 (uL) Dilution Factor: 4.0

Injection Volume: 2.0 (uL) Soil Aliquot Volume: 2 (uL)

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

Number TICs found: 20 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	004914-92-5	2-Pentene, 3,4-dimethyl-, (E)-	5.62	10000	JND
2.	000127-18-4	Ethene, tetrachloro-	5.76	4500	JND
3.		unknown	6.55	4600	JD
4.	062108-25-2	unknown hydrocarbon	10.13	2100	JND
5.	017301-28-9	unknown hydrocarbon	10.27	2800	JND
6.	026429-11-8	unknown hydrocarbon	10.43	2100	JND
7.	017312-76-4	unknown hydrocarbon	11.54	6400	JND
8.	062108-31-0	unknown hydrocarbon	11.61	6800	JND
9.		unknown	12.03	2300	JD
10.		unknown	12.25	2500	JD
11.	017312-82-2	unknown hydrocarbon	12.65	2600	JND
12.		unknown	12.72	2800	JD
13.	062238-00-0	unknown hydrocarbon	12.78	4000	JND
14.	017312-82-2	unknown hydrocarbon	12.87	3500	JND
15.	062338-13-0	unknown hydrocarbon	12.95	2900	JND
16.	001921-70-6	unknown hydrocarbon	13.08	2300	JND
17.		unknown	13.53	3200	JD
18.		unknown	13.64	2500	JD
19.	000630-07-9	unknown hydrocarbon	13.72	3300	JND
20.		unknown	13.77	2400	JD

1A

PCB ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. ANSCN 328-99

Lab Name: Upstate Labs Inc. Contract: ANSON ENV.

Lab Code: 10170 Case No.: SAS No.: SDG No.: ANS 01

Matrix: SOIL Lab Sample ID: ANSCN 328-99

Sample wt.: 30 (GM) Lab File ID: PA5400

% Moisture: ~~87~~ 87 Decanted: NO Date Received: 11/24/99

Extraction: Sep Fun Date Extracted: 11/29/99

Conc Extract Vol.: 10 (ML) Date Analyzed: 12/3/99

Injection Vol.: 2 (uL) Time Analyzed: 10:28:00 PM

GPC Cleanup: No pH: Dilution Factor: 50

Instr. ID: ULI 9.0 Sulfur Cleanup: Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS ug/kg	Q
12674-11-2	Aroclor 1016	0.09	U
11104-28-2	Aroclor 1221	0.09	U
11141-16-5	Aroclor 1232	0.09	U
53469-21-9	Aroclor 1242	0.09	U
12672-29-6	Aroclor 1248	0.09	U
11097-69-1	Aroclor 1254	0.43	
11096-82-5	Aroclor 1260	0.09	U

SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

EXC-4T

Lab Name: Upstate Laboratories, Inc Contract: .

Lab Code: 10170 Case No.: SAS No.: SDG No.: ANS01

Matrix (soil/water): SOIL Lab Sample ID: 32899099

Level (low/med): LOW Date Received: 11/24/99

% Solids: 87.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	2970			P
7440-36-0	Antimony	3.4	U	N	P
7440-38-2	Arsenic	2.3	U		P
7440-39-3	Barium	26.5	B		P
7440-41-7	Beryllium	0.68	U		P
7440-43-9	Cadmium	3.7		N*	P
7440-70-2	Calcium	2640		*	P
7440-47-3	Chromium	246		*	P
7440-48-4	Cobalt	7.4	B		P
7440-50-8	Copper	494		*	P
7439-89-6	Iron	9970			P
7439-92-1	Lead	222		N*	P
7439-95-4	Magnesium	1520			P
7439-96-5	Manganese	80.1		N*	P
7439-97-6	Mercury	1.1			CV
7440-02-0	Nickel	205			P
7440-09-7	Potassium	421	B		P
7782-49-2	Selenium	1.1	U	N	P
7440-22-4	Silver	2.3	U	N	P
7440-23-5	Sodium	283	B		P
7440-28-0	Thallium	2.3	U		P
7440-62-2	Vanadium	10.1	B		P
7440-66-6	Zinc	526		*	P
	Cyanide				
7429-90-5	Tin				

Color Before: BLACK Clarity Before: OPAQUE Texture: COARSE

Color After: YELLOW Clarity After: CLEAR Artifacts: YES

Comments:
STONES PRESENT IN SAMPLE.

0000041

Appendix 6

Laboratory Analytical Report for End-Point Samples

Collected at Excavation Location EXC-5

Sample Date: November 23, 1999

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

EXC-5T

Lab Name: UPSTATE LABS INC. Contract: ANSON EN

Lab Code: 10170 Case No.: 01 SAS No.: SDG No.: ANS01

Matrix (soil/water): SOIL Lab Sample ID: 32899100

Sample Wt/vol: 1.0 g/ml G Lab File ID: C3824.D

Level (low/med): LOW Date Received: 11/24/99

% Moisture: not dec. 63 Date Analyzed: 12/02/99

GC Column: RTX VO ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	120	U
75-1-4	Vinyl Chloride	32	J
74-83-9	Bromomethane	120	U
75-00-3	Chloroethane	120	U
67-64-1	Acetone	660	B
75-35-4	1,1-Dichloroethene	120	U
75-15-0	Carbon Disulfide	120	U
75-09-2	Methylene Chloride	94	JB
156-60-5	trans-1,2-Dichloroethene	120	U
75-34-33	1,1-Dichloroethane	120	U
156-59-2	cis-1,2-Dichloroethene	20	J
78-93-3	2-Butanone	160	
67-66-3	Chloroform	120	U
107-06-2	1,2-Dichloroethane	120	U
71-55-6	1,1,1-Trichloroethane	120	U
56-23-5	Carbon Tetrachloride	120	U
71-43-2	Benzene	120	U
97-01-6	Trichloroethene	20	J
78-87-5	1,2-Dichloropropane	120	U
75-27-4	Bromodichloromethane	120	U
10061-1-5	cis-1,3-Dichloropropene	120	U
10061-2-6	trans-1,3-Dichloropropene	120	U
79-00-5	1,1,2-Trichloroethane	120	U
124-48-1	Dibromochloromethane	120	U
75-25-2	Bromoform	120	U
108-10-1	4-Methyl-2-pentanone	46	J
108-88-3	Toluene	13	J
591-78-6	2-Hexanone	120	U
127-18-4	Tetrachloroethene	200	
108-90-7	Chlorobenzene	120	U
100-41-4	Ethylbenzene	120	U
108-38-3	m,p-Xylene	14	J
95-47-6	o-Xylene	120	U
100-42-5	Styrene	120	U
79-34-5	1,1,2,2-Tetrachloroethane	120	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EXC-5T

Lab Name: UPSTATE LABS INC. Contract: ANSON EN

Lab Code: 10170 Case No.: 01 SAS No.: SDG No.: ANS01

Matrix: (soil/water) SOIL Lab Sample ID: 32899100

Sample wt/vol: 1.0 (g/ml) G Lab File ID: C3624.D

Level: (low/med) LOW Date Received: 11/24/99

% Moisture: not dec. 53 Date Analyzed: 12/02/99

GC Column: RTX VO ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:

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

Number TICs found: 20

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.		unknown hydrocarbon	22.13	370	J
2.		unknown hydrocarbon	22.61	500	J
3.		unknown hydrocarbon	23.07	180	J
4.		unknown	23.44	120	J
5.		unknown hydrocarbon	23.53	210	J
6.	000535-77-3	Benzene, 1-methyl-3-(1-methylet	23.94	220	JN
7.		unknown hydrocarbon	23.97	160	J
8.	002870-04-4	Benzene, 2-ethyl-1,3-dimethyl-	24.13	160	JN
9.		unknown hydrocarbon	24.24	190	J
10.		unknown hydrocarbon	24.81	600	J
11.		unknown hydrocarbon	24.83	1100	J
12.		unknown hydrocarbon	24.84	280	J
13.		unknown hydrocarbon	24.94	180	J
14.		unknown hydrocarbon	25.15	180	J
15.		unknown hydrocarbon	25.64	120	J
16.		unknown hydrocarbon	25.84	120	J
17.		unknown hydrocarbon	25.91	140	J
18.		unknown hydrocarbon	26.78	240	J
19.		unknown hydrocarbon	28.15	140	J
20.	001012-72-2	Benzene, 1,4-bis(1,1-dimethyleth	28.32	250	JN

0000043

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EXC-5T

Lab Name: Upstate Laboratories Inc. Contract: Anson Envir

Lab Code: 10170 Case No.: SAS No.: SDG No.: ANS01

Matrix: (soil/water) SOIL Lab Sample ID: 32899100

Sample wt/vol: 30.5 (g/ml) G Lab File ID: AA117.D

Level: (low/med) LOW Date Received: 11/24/99

% Moisture: 59 decanted:(Y/N) N Date Extracted: 11/29/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/11/00

Injection Volume: 2.0 uL Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
111-44-4	bis(2-Chloroethyl)ether	800	U
108-95-2	Phenol	800	U
95-57-8	2-Chlorophenol	800	U
541-73-1	1,3-Dichlorobenzene	800	U
106-46-7	1,4-Dichlorobenzene	800	U
95-50-1	1,2-Dichlorobenzene	800	U
108-60-1	2,2'-oxybis(1-Chloropropane)	800	U
95-48-7	2-Methylphenol	800	U
67-72-1	Hexachloroethane	800	U
621-64-7	N-Nitroso-di-n-propylamine	800	U
106-44-5	4-Methylphenol	330	J
98-95-3	Nitrobenzene	800	U
78-59-1	Isophorone	800	U
88-75-5	2-Nitrophenol	800	U
105-67-9	2,4-Dimethylphenol	800	U
111-91-1	bis(2-Chloroethoxy)methane	800	U
120-83-2	2,4-Dichlorophenol	800	U
120-82-1	1,2,4-Trichlorobenzene	800	U
91-20-3	Naphthalene	250	J
106-47-8	4-Chloroaniline	800	U
87-68-3	Hexachlorobutadiene	800	U
59-50-7	4-Chloro-3-methylphenol	800	U
91-57-6	2-Methylnaphthalene	120	J
77-47-4	Hexachlorocyclopentadiene	800	U
88-06-2	2,4,6-Trichlorophenol	800	U
95-95-4	2,4,5-Trichlorophenol	800	U
91-58-7	2-Chloronaphthalene	800	U
88-74-4	2-Nitroaniline	8000	U
208-96-8	Acenaphthylene	800	U
131-11-3	Dimethyl phthalate	800	U
606-20-2	2,6-Dinitrotoluene	800	U
83-32-9	Acenaphthene	140	J
99-09-2	3-Nitroaniline	8000	U
51-28-5	2,4-Dinitrophenol	8000	U
132-64-9	Dibenzofuran	800	U
121-14-2	2,4-Dinitrotoluene	800	U
100-02-7	4-Nitrophenol	8000	U

0000044

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EXC-5T

Lab Name: Upstate Laboratories, Inc. Contract: Anson Envir

Lab Code: 10170 Case No.: SAS No.: SDG No.: ANS01

Matrix: (soil/water) SOIL Lab Sample ID: 32399100

Sample wt/vol: 30.5 (g/ml) G Lab File ID: AA117.D

Level: (low/med) LOW Date Received: 11/24/99

% Moisture: 59 decanted:(Y/N) N Date Extracted: 11/29/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/11/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
86-73-7	Fluorene	100	J
7005-72-3	4-Chlorophenyl phenyl ether	800	U
84-66-2	Diethyl phthalate	800	U
100-01-6	4-Nitroaniline	8000	U
534-52-1	4,6-Dinitro-2-methylphenol	8000	U
86-30-6	n-Nitrosodiphenylamine	800	U
101-55-3	4-Bromophenyl phenyl ether	800	U
118-74-1	Hexachlorobenzene	800	U
87-86-5	Pentachlorophenol	1600	U
85-01-8	Phenanthrene	190	J
120-12-7	Anthracene	800	U
84-74-2	Di-n-butyl phthalate	800	U
86-74-8	Carbazole	800	U
206-44-0	Fluoranthene	110	J
129-00-0	Pyrene	130	J
85-68-7	Butyl benzyl phthalate	800	U
91-94-1	3,3'-Dichlorobenzidine	800	U
56-55-3	Benzo[a]anthracene	800	U
218-01-9	Chrysene	800	U
117-81-7	bis(2-Ethylhexyl)phthalate	1700	
117-84-0	Di-n-octyl phthalate	800	U
205-99-2	Benzo[b]fluoranthene	800	U
207-08-9	Benzo[k]fluoranthene	800	U
50-32-8	Benzo[a]pyrene	800	U
193-39-5	Indeno[1,2,3-cd]pyrene	800	U
53-70-3	Dibenz[a,h]anthracene	800	U
191-24-2	Benzo[g,h,i]perylene	800	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
EXC-5T

Lab Name: Upstate Laboratories, Inc. Contract: Anson Envir

Lab Code: 10170 Case No.: _____ SAS No.: _____ SDG No.: ANS01

Matrix: (soil/water) SOIL Lab Sample ID: 32899100

Sample wt/vol: 30.5 (g/ml) G Lab File ID: AA117.D

Level: (low/med) LOW Date Received: 11/24/99

% Moisture: 59 decanted: (Y/N) N Date Analyzed: 01/11/00

Concentrated Extract Volume: 1000 (uL) Dilution Factor: 1.0

Injection Volume: 2.0 (uL) Soil Aliquot Volume: 2 (uL)

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

Number TICs found: 20 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	010574-37-5	2-Pentene, 2,3-dimethyl-	5.65	11000	JN
2.		unknown	6.58	5800	J
3.		unknown hydrocarbon	10.13	1400	J
4.		unknown hydrocarbon	10.27	1400	J
5.		unknown	11.55	2700	J
6.		unknown hydrocarbon	11.62	3100	J
7.		unknown hydrocarbon	12.04	1200	J
8.		unknown	12.25	1500	J
9.		unknown hydrocarbon	12.30	1300	J
10.	075163-97-2	unknown hydrocarbon	12.65	1300	JN
11.	013287-23-5	unknown hydrocarbon	12.73	1200	JN
12.	062238-01-1	unknown hydrocarbon	12.79	2200	JN
13.	017312-82-2	unknown hydrocarbon	12.88	1700	JN
14.	031295-56-4	unknown hydrocarbon	12.96	1400	JN
15.		unknown	13.01	1100	J
16.	017312-62-8	unknown hydrocarbon	13.09	1200	JN
17.	017301-25-6	unknown hydrocarbon	13.53	1300	JN
18.		unknown	13.73	1200	J
19.	000080-30-8	Benzenesulfonamide, N-cyclohex	20.67	4500	JN
20.		unknown	21.94	2200	J

1A

PCB ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. ANSCN 329-100

Lab Name: Upstate Labs Inc. Contract: ANSCN ENV.

Lab Code: 10170 Case No.: SAS No.: SDG No.: ANS 01

Matrix: SOIL Lab Sample ID: ANSCN 329-100

Sample wt.: 30 (GM) Lab File ID: PA5400

% Moisture: [redacted] 41 Decanted: NO Date Received: 11/24/99

Extraction: Sep Fun Date Extracted: 11/29/99

Conc Extract Vol.: 10 (ML) Date Analyzed: 12/3/99

Injection Vol.: 2 (uL) Time Analyzed: 11:12:00 PM

GPC Cleanup: No pH: Dilution Factor: 50

Instr. ID: ULI 9.0 Sulfur Cleanup: Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS ug/kg	Q
12674-11-2	Aroclor 1016	0.20	U
11104-28-2	Aroclor 1221	0.20	U
11141-16-5	Aroclor 1232	0.20	U
53469-21-9	Aroclor 1242	0.20	U
12672-29-6	Aroclor 1248	0.20	U
11097-69-1	Aroclor 1254	0.20	U
11096-82-5	Aroclor 1260	0.20	U

SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

EXC-5T

Lab Name: Upstate Laboratories, Inc Contract: .

Lab Code: 10170 Case No.: SAS No.: SDG No.: ANS01

Matrix (soil/water): SOIL Lab Sample ID: 32899100

Level (low/med): LOW Date Received: 11/24/99

% Solids: 41.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	7770			P
7440-36-0	Antimony	7.3	U	N	P
7440-38-2	Arsenic	10.8			P
7440-39-3	Barium	24.3	B		P
7440-41-7	Beryllium	1.5	U		P
7440-43-9	Cadmium	2.4	U	N*	P
7440-70-2	Calcium	3100		*	P
7440-47-3	Chromium	19.8		*	P
7440-48-4	Cobalt	9.7	U		P
7440-50-8	Copper	49.2		*	P
7439-89-6	Iron	9300			P
7439-92-1	Lead	93.9		N*	P
7439-95-4	Magnesium	1590	B		P
7439-96-5	Manganese	69.9		N*	P
7439-97-6	Mercury	0.24	U		CV
7440-02-0	Nickel	14.6	U		P
7440-09-7	Potassium	1480	B		P
7782-49-2	Selenium	2.4	U	N	P
7440-22-4	Silver	4.9	U	N	P
7440-23-5	Sodium	485	U		P
7440-28-0	Thallium	4.9	U		P
7440-62-2	Vanadium	21.2	B		P
7440-66-6	Zinc	78.9		*	P
	Cyanide				
7429-90-5	Tin				

Color Before: BLACK Clarity Before: OPAQUE Texture: FINE

Color After: YELLOW Clarity After: CLEAR Artifacts: YES

Comments:
STONES PRESENT IN SAMPLE.

0000048

Appendix 7

Laboratory Analytical Report for End-Point Samples

Collected at Excavation Location EXC-6

Sample Date: November 23, 1999

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EXC-6T

Lab Name: UPSTATE LABS, INC Contract: ANSON EN

Lab Code: 10170 Case No.: 01 SAS No.: SDG No.: ANS01

Matrix: (soil/water) SOIL Lab Sample ID: 32999101

Sample wt/vol: 5.5 (g/mL) G Lab File ID: 03818.D

Level: (low/med) LOW Date Received: 11/24/99

% Moisture: not dec. 11 Date Analyzed: 12/01/99

GC Column: RTX VO ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	110	U
75-1-4	Vinyl Chloride	2700	E
74-83-9	Bromomethane	110	U
75-00-3	Chloroethane	110	U
67-64-1	Acetone	920	B
75-35-4	1,1-Dichloroethene	120	
75-15-0	Carbon Disulfide	13	J
75-09-2	Methylene Chloride	87	JB
156-60-5	trans-1,2-Dichloroethene	3400	E
75-34-33	1,1-Dichloroethane	300	
156-59-2	cis-1,2-Dichloroethene	190000	E
78-93-3	2-Butanone	110	U
67-66-3	Chloroform	110	U
107-06-2	1,2-Dichloroethane	110	U
71-55-6	1,1,1-Trichloroethane	110	U
56-23-5	Carbon Tetrachloride	110	U
71-43-2	Benzene	11	J
97-01-6	Trichloroethene	7100	E
78-87-5	1,2-Dichloropropane	110	U
75-27-4	Bromodichloromethane	110	U
10061-1-5	cis-1,3-Dichloropropene	110	U
10061-2-6	trans-1,3-Dichloropropene	110	U
79-00-5	1,1,2-Trichloroethane	110	U
124-48-1	Dibromochloromethane	110	U
75-25-2	Bromoform	110	U
108-10-1	4-Methyl-2-pentanone	1600	
108-88-3	Toluene	200	
591-78-6	2-Hexanone	110	U
127-18-4	Tetrachloroethene	15000	E
108-90-7	Chlorobenzene	110	U
100-41-4	Ethylbenzene	57	J
108-38-3	m,p-Xylene	260	
95-47-6	o-Xylene	210	
100-42-5	Styrene	110	U
79-34-5	1,1,2,2-Tetrachloroethane	110	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EXC-6T

Lab Name: UPSTATE LABS INC Contract: ANSON EN

Lab Code: 10170 Case No: 01 SAS No: SDG No: ANS01

Matrix: (soil/water) SOIL Lab Sample ID: 32899101

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 03816.D

Level: (low/med) LOW Date Received: 11/24/99

% Moisture: not dec. 11 Date Analyzed: 12/01/99

GC Column: RTX-VOL ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:

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

Number TICs found: 20

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.		unknown hydrocarbon	20.22	260	J
2.		unknown hydrocarbon	20.23	750	J
3.		unknown	20.25	230	J
4.		unknown hydrocarbon	20.26	450	J
5.		unknown hydrocarbon	20.27	130	J
6.		unknown hydrocarbon	21.74	130	J
7.		unknown hydrocarbon	22.18	480	J
8.		unknown hydrocarbon	22.66	560	J
9.		unknown hydrocarbon	23.12	340	J
10.		unknown hydrocarbon	23.56	330	J
11.		unknown hydrocarbon	23.99	370	J
12.		unknown hydrocarbon	24.29	340	J
13.		unknown hydrocarbon	24.91	600	J
14.		unknown hydrocarbon	24.93	1200	J
15.		unknown hydrocarbon	24.94	390	J
16.		unknown hydrocarbon	25.21	380	J
17.		unknown hydrocarbon	25.67	210	J
18.		unknown hydrocarbon	25.94	210	J
19.		unknown hydrocarbon	26.80	170	J
20.	000091-20-3	Naphthalene	26.93	190	JN

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EXC-6T DL

Lab Name: UPSTATE LABS INC Contract: ANSON EN

Lab Code: 10170 Case No.: 22 SAS No.: SDG No.: ANS01

Matrix: (soil/water) SOIL Lab Sample ID: 326991 01DL

Sample Wt/Vol: 6.0 (g/mL) G Lab File ID: E5402.D

Level: (low/med) MED Date Received: 11/24/99

% Moisture: not dec. 11 Date Analyzed: 12/02/99

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 5 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	19000	U
75-1-4	Vinyl Chloride	19000	U
74-83-9	Bromomethane	19000	U
75-00-3	Chloroethane	19000	U
67-64-1	Acetone	19000	U
75-35-4	1,1-Dichloroethene	19000	U
75-15-0	Carbon Disulfide	19000	U
75-09-2	Methylene Chloride	6700	JB
156-60-5	trans-1,2-Dichloroethene	19000	U
75-34-33	1,1-Dichloroethane	19000	U
156-59-2	cis-1,2-Dichloroethene	52000	
78-93-3	2-Butanone	19000	U
67-66-3	Chloroform	19000	U
107-06-2	1,2-Dichloroethane	19000	U
71-55-6	1,1,1-Trichloroethane	19000	U
56-23-5	Carbon Tetrachloride	19000	U
71-43-2	Benzene	19000	U
97-01-6	Trichloroethene	3600	J
78-87-5	1,2-Dichloropropane	19000	U
75-27-4	Bromodichloromethane	19000	U
10061-1-5	cis-1,3-Dichloropropene	19000	U
10061-2-6	trans-1,3-Dichloropropene	19000	U
79-00-5	1,1,2-Trichloroethane	19000	U
124-48-1	Dibromochloromethane	19000	U
75-25-2	Bromoform	19000	U
108-10-1	4-Methyl-2-pentanone	19000	U
108-88-3	Toluene	19000	U
591-78-6	2-Hexanone	19000	U
127-18-4	Tetrachloroethene	10000	J
108-90-7	Chlorobenzene	19000	U
100-41-4	Ethylbenzene	19000	U
108-38-3	m,p-Xylene	19000	U
95-47-6	o-Xylene	19000	U
100-42-5	Styrene	19000	U
79-34-5	1,1,2,2-Tetrachloroethane	19000	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EXC-6T DL

Lab Name: UPSTATE LABS INC Contract: ANSON EN

Lab Code: 10171 Case No: 02 SAS No.: SDG No.: ANS01

Matrix: (soil/water) SOIL Lab Sample ID: 32899101DL

Sample wt/vol: 8.0 (g/mL) G Lab File ID: E5402.D

Level: (low/med) MED Date Received: 11/24/99

% Moisture: not dec 11 Date Analyzed: 12/02/99

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 5 (uL)

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

Number TICs found: 11

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	unknown hydrocarbon	23.82	60000	J
2.	unknown hydrocarbon	23.83	180000	J
3.	unknown hydrocarbon	23.88	42000	J
4.	unknown hydrocarbon	25.56	12000	J
5. 001012-72-2	Benzene, 1,4-bis(1,1-dimethyleth	29.25	64000	JN
6.	unknown hydrocarbon	30.42	52000	J
7.	unknown hydrocarbon	30.43	54000	J
8.	unknown hydrocarbon	32.00	12000	J
9.	unknown hydrocarbon	33.85	13000	J
10.	unknown hydrocarbon	35.42	180000	J
11.	unknown hydrocarbon	35.99	16000	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EXC-6T

Lab Name: Upstate Laboratories Inc. Contract: Anson Envir

Lab Code: 10170 Case No.: SAS No.: SDG No.: ANS01

Matrix: (soil/water) SOIL Lab Sample ID: 32899101

Sample wt/vol: 30 (g/mL) G Lab File ID: A9623.D

Level: (low/med) LOW Date Received: 11/24/99

% Moisture: 11 decanted: (Y/N) N Date Extracted: 11/29/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/16/99

Injection Volume: 2.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
111-44-4	bis(2-Chloroethyl)ether	3700	U
108-95-2	Phenol	3700	U
95-57-8	2-Chlorophenol	3700	U
541-73-1	1,3-Dichlorobenzene	3700	U
106-46-7	1,4-Dichlorobenzene	3700	U
95-50-1	1,2-Dichlorobenzene	3700	U
108-60-1	2,2'-oxybis(1-Chloropropane)	3700	U
95-48-7	2-Methylphenol	3700	U
67-72-1	Hexachloroethane	3700	U
621-64-7	N-Nitroso-di-n-propylamine	3700	U
106-44-5	4-Methylphenol	3700	U
98-95-3	Nitrobenzene	3700	U
78-59-1	Isophorone	3700	U
88-75-5	2-Nitrophenol	3700	U
105-67-9	2,4-Dimethylphenol	3700	U
111-91-1	bis(2-Chloroethoxy)methane	3700	U
120-83-2	2,4-Dichlorophenol	3700	U
120-82-1	1,2,4-Trichlorobenzene	3700	U
91-20-3	Naphthalene	18000	D
106-47-8	4-Chloroaniline	3700	U
87-68-3	Hexachlorobutadiene	3700	U
59-50-7	4-Chloro-3-methylphenol	3700	U
91-57-6	2-Methylnaphthalene	9400	D
77-47-4	Hexachlorocyclopentadiene	3700	U
88-06-2	2,4,6-Trichlorophenol	3700	U
95-95-4	2,4,5-Trichlorophenol	3700	U
91-58-7	2-Chloronaphthalene	3700	U
88-74-4	2-Nitroaniline	37000	U
208-96-8	Acenaphthylene	3700	U
131-11-3	Dimethyl phthalate	3700	U
606-20-2	2,6-Dinitrotoluene	3700	U
83-32-9	Acenaphthene	12000	D
99-09-2	3-Nitroaniline	37000	U
51-28-5	2,4-Dinitrophenol	37000	U
132-64-9	Dibenzofuran	8900	D
121-14-2	2,4-Dinitrotoluene	3700	U
100-02-7	4-Nitrophenol	37000	U

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EXC-6T

Lab Name: Upstate Laboratories Inc. Contract: Anson Envir

Lab Code: 10170 Case No.: SAS No.: SDG No.: ANS01

Matrix: (soil/water) SOIL Lab Sample ID: 32999101

Sample wt/vol: 30 (g/mL) G Lab File ID: A9828.D

Level: (low/med) LOW Date Received: 11/24/99

% Moisture: 11 decanted: (Y/N) N Date Extracted: 11/29/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/16/99

Injection Volume: 2.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
86-73-7	Fluorene	13000	D
7005-72-3	4-Chlorophenyl phenyl ether	3700	U
84-66-2	Diethyl phthalate	3700	U
100-01-6	4-Nitroaniline	37000	U
534-52-1	4,6-Dinitro-2-methylphenol	37000	U
86-30-6	n-Nitrosodiphenylamine	3700	U
101-55-3	4-Bromophenyl phenyl ether	3700	U
118-74-1	Hexachlorobenzene	3700	U
87-86-5	Pentachlorophenol	7500	U
85-01-8	Phenanthrene	35000	ED
120-12-7	Anthracene	7300	D
84-74-2	Di-n-butyl phthalate	3000	JD
86-74-8	Carbazole	1900	JD
206-44-0	Fluoranthene	16000	D
129-00-0	Pyrene	24000	D
85-68-7	Butyl benzyl phthalate	7400	D
91-94-1	3,3'-Dichlorobenzidine	3700	U
56-55-3	Benzo[a]anthracene	3300	JD
218-01-9	Chrysene	3300	JD
117-81-7	bis(2-Ethylhexyl)phthalate	60000	ED
117-84-0	Di-n-octyl phthalate	6000	D
205-99-2	Benzo[b]fluoranthene	2600	JD
207-08-9	Benzo[k]fluoranthene	930	JD
50-32-8	Benzo[a]pyrene	1600	JD
193-39-5	Indeno[1,2,3-cd]pyrene	3700	U
53-70-3	Dibenz[a,h]anthracene	3700	U
191-24-2	Benzo[g,h,i]perylene	3700	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
EXC-6T

Lab Name: Upstate Laboratories Inc. Contract: Anson Envir

Lab Code: 10170 Case No.: SAS No.: SDG No.: ANS01

Matrix (soil/water): SOIL Lab Sample ID: 32899131

Sample wt/vol: 30 (g/mL) G Lab File ID: A9828.D

Level: (low/med): LOW Date Received: 11/24/99

% Moisture: 11 decanted: (Y/N) N Date Analyzed: 12/16/99

Concentrated Extract Volume: 1000 (uL) Dilution Factor: 10.0

Injection Volume: 2.0 (uL) Soil Aliquot Volume: 2 (uL)

GPC Cleanup: (Y/N) N pH:

Number TICs found: 20 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	062108-25-2	unknown hydrocarbon	10.25	22000	JND
2.	062016-14-2	unknown hydrocarbon	10.28	10000	JND
3.	062016-28-8	unknown hydrocarbon	10.39	24000	JND
4.		unknown	10.55	17000	JD
5.		unknown	10.58	15000	JD
6.	062237-97-2	unknown hydrocarbon	11.17	11000	JND
7.		unknown	11.67	25000	JD
8.	062237-97-2	unknown hydrocarbon	11.75	29000	JND
9.		unknown	12.16	11000	JD
10.	062237-97-2	unknown hydrocarbon	12.38	13000	JND
11.	017615-91-7	unknown hydrocarbon	12.42	11000	JND
12.	000638-36-8	unknown hydrocarbon	12.78	11000	JND
13.	062338-15-2	unknown hydrocarbon	12.85	9900	JND
14.	062108-31-0	unknown hydrocarbon	12.92	18000	JND
15.	004110-44-5	unknown hydrocarbon	13.01	14000	JND
16.		unknown	13.08	9900	JD
17.	001072-05-5	unknown hydrocarbon	13.21	9500	JND
18.	002980-69-0	unknown hydrocarbon	13.66	18000	JND
19.	062338-56-1	unknown hydrocarbon	13.77	11000	JND
20.		unknown	13.85	16000	JD

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EXC-6TDL

Lab Name: Upstate Laboratories Inc. Contract: Anson Envir

Lab Code: 10170 Case No.: SAS No.: SDG No.: ANS01

Matrix: (soil/water) SOIL Lab Sample ID: 32899101DL

Sample wt/vol: 30 g/ml G Lab File ID: AA120.D

Level: (low/med) LOW Date Received: 11/24/99

% Moisture: 11 decanted: Y/N N Date Extracted: 11/29/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/11/00

Injection Volume: 2.0 (uL) Dilution Factor: 50.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
111-44-4	bis(2-Chloroethyl)ether	19000	U
108-95-2	Phenol	19000	U
95-57-8	2-Chlorophenol	19000	U
541-73-1	1,3-Dichlorobenzene	19000	U
106-46-7	1,4-Dichlorobenzene	19000	U
95-50-1	1,2-Dichlorobenzene	19000	U
108-60-1	2,2'-oxybis(1-Chloropropane)	19000	U
95-48-7	2-Methylphenol	19000	U
67-72-1	Hexachloroethane	19000	U
621-64-7	N-Nitroso-di-n-propylamine	19000	U
106-44-5	4-Methylphenol	19000	U
98-95-3	Nitrobenzene	19000	U
78-59-1	Isophorone	19000	U
88-75-5	2-Nitrophenol	19000	U
105-67-9	2,4-Dimethylphenol	19000	U
111-91-1	bis(2-Chloroethoxy)methane	19000	U
120-83-2	2,4-Dichlorophenol	19000	U
120-82-1	1,2,4-Trichlorobenzene	19000	U
91-20-3	Naphthalene	18000	JD
106-47-8	4-Chloroaniline	19000	U
87-68-3	Hexachlorobutadiene	19000	U
59-50-7	4-Chloro-3-methylphenol	19000	U
91-57-6	2-Methylnaphthalene	8800	JD
77-47-4	Hexachlorocyclopentadiene	19000	U
88-06-2	2,4,6-Trichlorophenol	19000	U
95-95-4	2,4,5-Trichlorophenol	19000	U
91-58-7	2-Chloronaphthalene	19000	U
88-74-4	2-Nitroaniline	190000	U
208-96-8	Acenaphthylene	19000	U
131-11-3	Dimethyl phthalate	19000	U
606-20-2	2,6-Dinitrotoluene	19000	U
83-32-9	Acenaphthene	13000	JD
99-09-2	3-Nitroaniline	190000	U
51-28-5	2,4-Dinitrophenol	190000	U
132-64-9	Dibenzofuran	7900	JD
121-14-2	2,4-Dinitrotoluene	19000	U
100-02-7	4-Nitrophenol	190000	U

0000056

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EXC-6TDL

Lab Name: Upstate Laboratories Inc. Contract: Anson Envir

Lab Code: 10170 Case No.: SAS No.: SDG No.: ANS01

Matrix: (soil/water) SOIL Lab Sample ID: 32899101DL

Sample wt/vol: 30 (g/mL) G Lab File ID: AA120.D

Level: (low/med) LOW Date Received: 11/24/99

% Moisture: 11 decanted:(Y/N) N Date Extracted: 11/29/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/11/00

Injection Volume: 2.0 (uL) Dilution Factor: 50.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
86-73-7	Fluorene	12000	JD
7005-72-3	4-Chlorophenyl phenyl ether	19000	U
84-66-2	Diethyl phthalate	19000	U
100-01-6	4-Nitroaniline	190000	U
534-52-1	4,6-Dinitro-2-methylphenol	190000	U
86-30-6	n-Nitrosodiphenylamine	19000	U
101-55-3	4-Bromophenyl phenyl ether	19000	U
118-74-1	Hexachlorobenzene	19000	U
87-86-5	Pentachlorophenol	37000	U
85-01-8	Phenanthrene	32000	D
120-12-7	Anthracene	5800	JD
84-74-2	Di-n-butyl phthalate	2100	JD
86-74-8	Carbazole	19000	U
206-44-0	Fluoranthene	15000	JD
129-00-0	Pyrene	15000	JD
85-68-7	Butyl benzyl phthalate	6900	JD
91-94-1	3,3'-Dichlorobenzidine	19000	U
56-55-3	Benzo[a]anthracene	2700	JD
218-01-9	Chrysene	2700	JD
117-81-7	bis(2-Ethylhexyl)phthalate	63000	D
117-84-0	Di-n-octyl phthalate	6000	JD
205-99-2	Benzo[b]fluoranthene	19000	U
207-08-9	Benzo[k]fluoranthene	19000	U
50-32-8	Benzo[a]pyrene	19000	U
193-39-5	Indeno[1,2,3-cd]pyrene	19000	U
53-70-3	Dibenz[a,h]anthracene	19000	U
191-24-2	Benzo[g,h,i]perylene	19000	U

0000057

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
EXC-6TDL

Lab Name: Upstate Laboratories, Inc. Contract: Anson Envir

Lab Code: 10170 Case No.: SAS No.: SDG No.: ANS01

Matrix: (soil/water) SOIL Lab Sample ID: 32699101DL

Sample wt/vol: 30 (g/ml) G Lab File ID: AA120.D

Level: (low/med) LOW Date Received: 11/24/99

% Moisture: 11 decanted: (Y/N) N Date Analyzed: 01/11/00

Concentrated Extract Volume: 1000 (uL) Dilution Factor: 50.0

Injection Volume: 2.0 (uL) Soil Aliquot Volume: 2 (uL)

GPC Cleanup: (Y/N) N pH:

Number TICs found: 20 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		unknown hydrocarbon	10.12	39000	JD
2.	017312-82-2	unknown hydrocarbon	10.27	46000	JND
3.		unknown	10.43	34000	JD
4.	000934-74-7	unknown hydrocarbon	10.58	30000	JND
5.	017312-64-0	unknown hydrocarbon	11.04	35000	JND
6.	015869-94-0	unknown hydrocarbon	11.54	84000	JND
7.	062108-31-0	unknown hydrocarbon	11.61	87000	JND
8.	001071-81-4	unknown hydrocarbon	12.24	36000	JND
9.	006418-43-5	unknown hydrocarbon	12.29	32000	JND
10.	000638-36-8	unknown hydrocarbon	12.64	41000	JND
11.	004032-86-4	unknown hydrocarbon	12.71	35000	JND
12.		unknown	12.78	61000	JD
13.	017312-53-7	unknown hydrocarbon	12.87	57000	JND
14.	062338-14-1	unknown hydrocarbon	12.94	43000	JND
15.		unknown	13.14	34000	JD
16.	062238-15-7	unknown hydrocarbon	13.52	47000	JND
17.		unknown	13.63	30000	JD
18.		unknown	13.72	41000	JD
19.		unknown	13.76	30000	JD
20.		unknown	24.58	43000	JD

0000058

1A

PCB ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. ANSON 328-101

Lab Name: Upstate Labs Inc. Contract: ANSON ENV.

Lab Code: 10170 Case No.: SAS No.: SDG No.: ANS 01

Matrix: SOIL Lab Sample ID: ANSON 328-101

Sample wt.: 30 (GM) Lab File ID: PA5400

% Moisture: 37 Decanted: NO Date Received: 11/24/99

Extraction: Sep Fun Date Extracted: 11/29/99

Conc Extract Vol.: 10 (ML) Date Analyzed: 1/3/00

Injection Vol.: 2 (uL) Time Analyzed: 11:57:00 PM

GPC Cleanup: No pH: Dilution Factor: 250

Instr. ID: ULI 9.0 Sulfur Cleanup: Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS ug/kg	Q
12674-11-2	Aroclor 1016	0.45	U
11104-28-2	Aroclor 1221	0.45	U
11141-16-5	Aroclor 1232	0.45	U
53469-21-9	Aroclor 1242	0.45	U
12672-29-6	Aroclor 1248	0.45	U
11097-69-1	Aroclor 1254	1.60	
11096-82-5	Aroclor 1260	0.45	U

SAMPLE NO.

EXC-6T

1

INORGANIC ANALYSIS DATA SHEET

Lab Name: Upstate Laboratories, Inc Contract: .

Lab Code: 10170 Case No.: SAS No.: SDG No.: ANS01

Matrix (soil/water): SOIL Lab Sample ID: 32899101

Level (low/med): LOW Date Received: 11/24/99

% Solids: 89.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1840			P
7440-36-0	Antimony	3.6	B	N	P
7440-38-2	Arsenic	5.8			P
7440-39-3	Barium	77.3			P
7440-41-7	Beryllium	0.67	U		P
7440-43-9	Cadmium	9.0		N*	P
7440-70-2	Calcium	2320		*	P
7440-47-3	Chromium	46.8		*	P
7440-48-4	Cobalt	4.5	U		P
7440-50-8	Copper	172		*	P
7439-89-6	Iron	8950			P
7439-92-1	Lead	435		N*	P
7439-95-4	Magnesium	1100	B		P
7439-96-5	Manganese	37.8		N*	P
7439-97-6	Mercury	0.11	U		CV
7440-02-0	Nickel	34.4			P
7440-09-7	Potassium	223	U		P
7782-49-2	Selenium	1.1	U	N	P
7440-22-4	Silver	2.2	U	N	P
7440-23-5	Sodium	223	U		P
7440-28-0	Thallium	2.2	U		P
7440-62-2	Vanadium	14.3			P
7440-66-6	Zinc	286		*	P
	Cyanide				
7429-90-5	Tin				

olor Before: BLACK Clarity Before: OPAQUE Texture: COARSE

Color After: YELLOW Clarity After: CLEAR Artifacts: YES

mments:
STONES PRESENT IN SAMPLE.