

OLD UPPER MOUNTAIN
ROAD SITE
RESULTS OF 11/97
Site No: 932112

Cover Page (Lab Chron)

CASE NARRATIVE



a division of Recra Environmental, Inc.

Virtual Laboratories Everywhere

Recra LabNet Philadelphia Analytical Report

Client: NYSDEC
RFW#: 9711L177
ELAP #: 10752

W.O. #: 01667-600-001-9999-00
Date Received: 11-06-97

GC/MS VOLATILE

The set of samples consisted of one (1) water sample and fourteen (14) soil samples collected on 11-05-97.

The samples were analyzed according to criteria set forth in NYSDEC ASP (Rev. 10-95) for TCL Volatile target compounds on 11-11,12,13,14,15-97.

The following is a summary of the QC results accompanying these sample results and a description of any problems encountered during their analyses:

1. The cooler temperatures upon receipt have been recorded on the chain-of-custody.
2. The required holding time for analysis was met.
3. Non-target compounds were detected in these samples.
4. Sample SH097-1105-UPMT-05 required medium level analysis and an additional 25-fold dilution because it contained high levels of both target and non-target compounds.
5. Seventeen (17) of eighty-one (81) obtainable system monitoring compound (surrogate) recoveries were outside EPA QC limits. One (1) surrogate recovery was slightly high for the blank spike 97LVX310-MB1 BS. All spike recoveries were within limits; consequently, reanalysis was not performed.

Reanalysis requirements for the samples with out-of-limit recoveries were fulfilled by the analysis of associated samples.

6. Four (4) of ten (10) matrix spike recoveries were outside EPA QC limits.
7. All blank spike recoveries were within EPA QC limits.

The results presented in this report relate only to the analytical testing and conditions of the samples at receipt and during storage. All pages of this report are integral parts of the analytical data. Therefore, this report should only be reproduced in its entirety of 420 pages.

8. The method blanks contained the common contaminants Methylene Chloride and Acetone at levels less than 2x the CRQL.
9. Internal standard areas were outside QC limits for several samples. Reanalysis requirements were fulfilled by the analysis of associated samples.
10. Manual integrations are performed according to OP 21-06A-125 to produce quality data with the utmost integrity. All manual integrations are required to be technically valid and properly documented. Appropriate technical flags are defined in Section III ("Technical Flags For Manual Integration"); hard copies of the integrations have been included with the quantitation data.
11. Client IDs for the reanalyses and matrix spike samples were truncated on some of the CLP forms.
12. I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

for Bruce C. Taylor
J. Michael Taylor
Vice President and Laboratory Manager
Lionville Analytical Laboratory

12-19-97

Date



GLOSSARY OF VOA DATA

DATA QUALIFIERS

U	=	Compound was analyzed for but not detected. The associated numerical value is the estimated sample quantitation limit which is included and corrected for dilution and percent moisture.
J	=	Indicates an estimated value. This flag is used under the following circumstances: 1) when estimating a concentration for tentatively identified compounds (TICs) where a 1:1 response is assumed; or 2) when the mass spectral data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero. For example, if the limit of detection is 10 ug/L and a concentration of 3 ug/L is calculated, it is reported as 3J.
B	=	This flag is used when the analyte is found in the associated blank as well as in the sample. It indicates possible/probable blank contamination. This flag is also used for a TIC as well as for a positively identified TCL compound.
E	=	Indicates that the compound was detected beyond the calibration range and was subsequently analyzed at a dilution.
D	=	Identifies all compounds identified in an analysis at a secondary dilution factor.
I	=	Interference.
NQ	=	Result qualitatively confirmed but not able to quantify.
N	=	Indicates presumptive evidence of a compound. This flag is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It is applied to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the N code is not used.
X	=	This flag is used for a TIC compound which is quantified relative to a response factor generated from a daily calibration standard (rather than quantified relative to the closest internal standard).
Y	=	Additional qualifiers used as required are explained in the case narrative.

GLOSSARY OF VOA DATA**ABBREVIATIONS**

BS	=	Indicates blank spike in which reagent grade water is spiked with the CLP matrix spike solutions and carried through all the steps in the method. Spike recoveries are reported.
BSD	=	Indicates blank spike duplicate.
MS	=	Indicates matrix spike.
MSD	=	Indicates matrix spike duplicate.
DL	=	Suffix added to sample number to indicate that results are from a diluted analysis.
NA	=	Not Applicable.
DF	=	Dilution Factor.
NR	=	Not Required.
SP, Z	=	Indicates Spiked Compound.

TECHNICAL FLAGS FOR MANUAL INTEGRATION

Manual quan modifications or integrations are performed routinely to improve the data quality for a variety of technical reasons. Documentation of these modifications should be clear and concise. The following "flags" are used to indicate the technical reasons for quan modifications:

- MP** - Missed Peak: manually added peak not found by automatic quan program.
- PA** - Peak Assignment: quan report was changed to reflect correct peak assignment.
- RI** - Routine Integration: routine integrations are performed for some analytes that are consistently integrated improperly by the automatic integration programs. Examples are the dichlorobenzene isomers on the VOA packed column and benzo(b)fluoranthene/benzo(k)fluoranthene which are poorly resolved on the BNA column.
- SP** - Split Peak: the automatic integration improperly split the peak; a manual integration was performed to get the correct area.
- CB** - Coelution/Background: peak was manually integrated to eliminate contribution from coeluting compounds, background signal, or other interference.
- PI** - Proper Integration: a peak with poor or inconsistent integration (e.g., excessive tail) was properly integrated manually.



a division of Recra Environmental, Inc.

Virtual Laboratories Everywhere

Recra LabNet Philadelphia Analytical Report

Client: NYSDEC
RFW #: 9711L177
ELAP #: 10752

W.O. #: 01667-600-001-9999-00
Date Received: 11-06-97

SEMIVOLATILE

The set of samples consisted of one (1) water sample and fourteen (14) soil samples collected on 11-05-97.

The samples and their associated QC samples were extracted on 11-07, 11-97 and analyzed according to criteria set forth in NYSDEC ASP (Rev. 10-95) for TCL Semivolatile target compounds on 11-13-97 and 12-02, 16, 17, 18, 19, 21-97.

The following is a summary of the QC results accompanying the sample results and a description of any problems encountered during their analyses:

1. The cooler temperatures upon receipt have been recorded on the chain-of-custody.
2. All required holding times for extraction and analysis were met.
3. Non-target compounds were detected in these samples.
4. The following samples required dilution because they contained high levels of both target and non-target compounds:

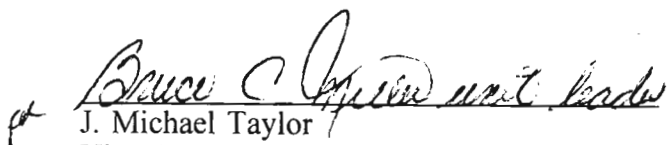
<u>Sample ID</u>	<u>Dilution Factor</u>
SH097-1105-UPMT-05	5
SH097-1105-UPMT-09	4
SH097-1105-UPMT-10	5
SH097-1105-UPMT-11	10

5. One (1) of one-hundred-ninety-two (192) surrogate recoveries was outside EPA QC limits; however, EPA CLP surrogate recovery criteria were met (i.e., no more than one outlier per fraction {acid and base neutral} and no recoveries less than 10%).
6. All water blank spike recoveries were within EPA QC limits.

Two (2) of eleven (11) soil blank spike recoveries were outside EPA QC limits.
7. All matrix spike recoveries were within EPA QC limits.

The results presented in this report relate only to the analytical testing and conditions of the samples at receipt and during storage. All pages of this report are integral parts of the analytical data. Therefore, this report should only be reproduced in its entirety of 1120 pages.

8. The soil method blank contained the common contaminant bis(2-Ethylhexyl)phthalate at a level less than the CRQL.
9. Internal standard areas were outside QC limits for samples SH097-1105-UPMT-03 MS, SH097-1105-UPMT-04, SH097-1105-UPMT-06, and SH097-1105-UPMT-07. The associated matrix spike duplicate analysis of sample SH097-1105-UPMT-03 MS fulfilled its reanalysis requirement. The other samples were reanalyzed on 12-17-97 and reported.
10. Manual integrations are performed according to OP 21-06A-125 to produce quality data with the utmost integrity. All manual integrations are required to be technically valid and properly documented. Appropriate technical flags are defined in Section III ("Technical Flags For Manual Integration"); hard copies of the integrations have been included with the quantitation data.
11. I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or his designee, as verified by the following signature.


J. Michael Taylor
Vice President and Laboratory Manager
Lionville Analytical Laboratory

1-12-98

Date



GLOSSARY OF BNA DATA

DATA QUALIFIERS

- U** = Compound was analyzed for but not detected. The associated numerical value is the estimated sample quantitation limit which is included and corrected for dilution and percent moisture.
- J** = Indicates an estimated value. This flag is used under the following circumstances: 1) when estimating a concentration for tentatively identified compounds (TICs) where a 1:1 response is assumed; or 2) when the mass spectral data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero. For example, if the limit of detection is 10 ug/L and a concentration of 3 ug/L is calculated, it is reported as 3J.
- B** = This flag is used when the analyte is found in the associated blank as well as in the sample. It indicates possible/probable blank contamination. This flag is also used for a TIC as well as for a positively identified TCL compound.
- E** = Indicates that the compound was detected beyond the calibration range and was subsequently analyzed at a dilution.
- D** = Identifies all compounds identified in an analysis at a secondary dilution factor.
- I** = Interference.
- NQ** = Result qualitatively confirmed but not able to quantify.
- A** = Indicates that a TIC is a suspected aldol-condensation product.
- N** = Indicates presumptive evidence of a compound. This flag is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It is applied to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the N code is not used.
- X** = This flag is used for a TIC compound which is quantified relative to a response factor generated from a daily calibration standard (rather than quantified relative to the closest internal standard).
- Y** = Additional qualifiers used as required are explained in the case narrative.

GLOSSARY OF BNA DATA**ABBREVIATIONS**

BS	=	Indicates blank spike in which reagent grade water is spiked with the CLP matrix spike solutions and carried through all the steps in the method. Spike recoveries are reported.
BSD	=	Indicates blank spike duplicate.
MS	=	Indicates matrix spike.
MSD	=	Indicates matrix spike duplicate.
DL	=	Suffix added to sample number to indicate that results are from a diluted analysis.
NA	=	Not Applicable.
DF	=	Dilution Factor.
NR	=	Not Required.
SP, Z	=	Indicates Spiked Compound.

TECHNICAL FLAGS FOR MANUAL INTEGRATION

Manual quan modifications or integrations are performed routinely to improve the data quality for a variety of technical reasons. Documentation of these modifications should be clear and concise. The following "flags" are used to indicate the technical reasons for quan modifications:

- MP** - Missed Peak: manually added peak not found by automatic quan program.
- PA** - Peak Assignment: quan report was changed to reflect correct peak assignment.
- RI** - Routine Integration: routine integrations are performed for some analytes that are consistently integrated improperly by the automatic integration programs. Examples are the dichlorobenzene isomers on the VOA packed column and benzo(b)fluoranthene/benzo(k)fluoranthene which are poorly resolved on the BNA column.
- SP** - Split Peak: the automatic integration improperly split the peak; a manual integration was performed to get the correct area.
- CB** - Coelution/Background: peak was manually integrated to eliminate contribution from coeluting compounds, background signal, or other interference.
- PI** - Proper Integration: a peak with poor or inconsistent integration (e.g., excessive tail) was properly integrated manually.

SAMPLE DATA FOR EACH SAMPLE



**Recra LabNet Philadelphia
Analytical Report**

Client : NYSDEC
RFW# : 9711L177
ELAP : 10752

W.O. #: 01667-600-001-9999-00
Date Received: 11-06-97

PESTICIDE/PCB

The set of samples consisted of one (1) water sample and fourteen (14) soil samples collected on 11-05-97.

The samples were extracted on 11-09,13-97 and analyzed according to criteria set forth in NYSDEC SEPT 1989 ASP (Rev.10/95) for Pesticide/PCB target compounds on 11-21,27-97 and 12-04,05,07-97.

The following is a summary of the QC results accompanying these sample results and a description of any problems encountered during their analyses:

1. The cooler temperatures upon receipt have been recorded on the chain-of-custody.
2. All required holding times for extraction and analysis were met.
3. Linearity and breakdown criteria were met for each of the analytical columns.
4. Retention time criteria were met for all compounds on both analytical columns.
5. Resolution of all pesticides in the Resolution Check Standard were within EPA QC limits.
6. The RPDs of the pesticides in the Individual Mixes analyzed for calibration verification were within 25% for both analytical columns.
7. The RPDs of the pesticides in the Performance Evaluation Mixes analyzed for calibration verification were within 25% for both analytical columns.
8. All water surrogate recoveries were within the advisory EPA QC limits. One (1) of fifty-three (53) obtainable soil surrogate recoveries were outside the advisory EPA QC limits.

The results presented in this report relate only to the analytical testing and conditions of the samples at receipt and during storage. All pages of this report are integral parts of the analytical data. Therefore, this report should only be reproduced in its entirety of 821 pages.

9. All blank spike recoveries were within the EPA QC limits.
10. All matrix spike recoveries were within the EPA QC limits.
11. Recoveries of pesticides for the Florisil Cartridge Check were within the EPA QC limits.
12. Recoveries of pesticides for the GPC Cartridge Check were within the EPA QC limits.
13. Several sample extracts required dilution because they contained high levels of both target and non-target compounds. Reporting limits have been adjusted to reflect the necessary dilutions.
14. I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

J. Michael Taylor
J. Michael Taylor
Vice President and Laboratory Manager
Lionville Analytical Laboratory

jeh\pcb\11-177.pp

1-22-98
Date



GLOSSARY OF PESTICIDE/PCB DATA

DATA QUALIFIERS

- U** = Indicates that the compound was analyzed for but not detected. The minimum detection limit for the sample (not the method detection limit) is reported with the U (e.g., 10U).
- J** = Indicates an estimated value. This flag is used in cases where a target analyte is detected at a level less than the lower quantification level. If the limit of quantification is 10 ug/L and a concentration of 3 ug/L is calculated, it is reported as 3J.
- B** = This flag is used when the analyte is found in the associated blank as well as in the sample. It indicates possible/probable blank contamination.
- E** = Indicates that the compound was detected beyond the calibration range and was subsequently analyzed at a dilution.
- I** = Interference.

ABBREVIATIONS

- BS** = Indicates blank spike in which reagent grade water is spiked with the CLP matrix spiking solutions and carried through all the steps in the method. Spike recoveries are reported.
- BSD** = Indicates blank spike duplicate.
- MS** = Indicates matrix spike.
- MSD** = Indicates matrix spike duplicate.
- DL** = Indicates that recoveries were not obtained because the extract had to be diluted for analysis.
- NA** = Not Applicable.
- DF** = Dilution Factor.
- NR** = Not Required.
- SP** = Indicates Spiked Compound.

GLOSSARY OF PESTICIDE/PCB DATA

- P** = This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns (see Form X). The lower of the two values is reported on Form I and flagged with a "P".
- D** = This flag identifies all compounds identified in an analysis at a secondary dilution factor.
- C** = This flag applies to a compound that has been confirmed by GC/MS.



**Recra LabNet Philadelphia
Analytical Report**

Client : NYSDEC
RFW# : 9711L177
ELAP# : 10752

W.O.# : 01667-600-001-9999-00
Date Received: 11-06-97

CLP/ILMO4.0 METALS

1. This narrative covers the analyses of 1 water and 14 soil samples.
2. The samples were prepared and analyzed in accordance with CLP/ILM04.0 protocol.
3. ICVs, CCVs, and LCSs stock standards were purchased from Inorganic Ventures and High Purity.
4. All analyses were performed within the required holding times.
5. All cooler temperatures have been recorded on the Chain of Custody.
6. All Initial and Continuing Calibration Verifications (ICV/CCVs) were within control limits.
7. All Initial and Continuing Calibration Blanks (ICB/CCBs) were within control limits.
8. All preparation/method blanks were below reporting limits. Refer to form 3.
9. All ICP Interference Check Samples (ICSA and ICSAB) were within control limits.
10. All laboratory control samples (LCS) were within the 80-120% control limits.
11. All serial dilution percent differences were within CLP control limits. Refer to form 9.
12. The MS recoveries for 2 analytes (sample SH097-1105-UPMT-03) were outside the 75-125% control limits (exception allowed when sample concentration exceeds the spike added concentration by a factor of 4 or more). Refer to form 5A. For analytes where the MS is out of control, a post-digestion MS is performed (exception allowed for Silver). MS analyses are not required for Aluminum, Calcium, Iron, Magnesium, Sodium and Potassium in soils.

The results presented in this report relate only to the analytical testing and conditions of the samples at receipt and during storage. All pages of this report are integral parts of the analytical data. Therefore, this report should only be reproduced in its entirety of 401 pages.

13. The duplicate analysis for 1 analyte (sample SH097-1105-UPMT-03) was outside the method criteria. Refer to form 6.
14. All sample IDs were changed to accommodate the EPA naming convention which allows a maximum of 6 characters on all CLP Forms. The complete client IDs have been noted under the Comments section of each form 1.

for Bruce C. Taylor unit leader
for J. Michael Taylor
Vice President and Laboratory Manager
Lionville Analytical Laboratory

sklm11-154

12/9/97
Date



METHOD REFERENCES AND DATA QUALIFIERS

DATA QUALIFIERS

- U = Indicates that the parameter was not detected at or above the reported limit. The associated numerical value is the sample detection limit.
- B = Indicates that the parameter was between the Instrument Detection Limit (IDL) and the Contract Required Detection Limit (CRDL)

Q QUALIFIERS

- E = The reported value is estimated because of the presence of interference.
- M = Duplicate injection precision not met.
- N = Spiked sample recovery not within control limits.
- S = The reported value was determined by the Method of Standard Additions (MSA).
- W = Post Digestion spike for Furnace AA analysis is out of control limits (85 -115 %), while sample absorbance is less than 50% of spike absorbance.
- * = Duplicate analysis not within control limits.
- + = Correlation coefficient for the MSA is less than 0.995.

ABBREVIATIONS

- PB = Method or Preparation Blank.
- S = Matrix Spike.
- T = Matrix Spike Duplicate.
- R or D = Sample Replicate

ANALYTICAL METAL METHODS

1. Not included in the method element list.
2. Modified Hg: Hg1 and Hg2 require less total volume of digestate due to the autosampler analysis. Sample volumes and reagents for mercury determinations in water and soil have been proportionately scaled down to adapt to this semi-automated technique. The sample volume used for water analysis is 33 mL. For soils, 0.1 grams of sample is taken to a final volume of 50 mL (including all reagents).
3. Modified Hg: Hg1 and Hg2 require less total volume of digestate due to the autosampler analysis. Sample volumes and reagents for mercury determinations in water and soil have been proportionately scaled down to adapt to this semi-automated technique. The sample volume used for water analysis is 33 mL. For soils, three 0.1 gram of sample is taken to a final volume of 50 mL (including all reagents).
4. Flame AA.
5. Graphite Furnace AA.

RFW 21-21L-033/O-01/97

RECRA

METHOD REFERENCES AND DATA QUALIFIERS

DATA QUALIFIERS

- U = Indicates that the parameter was not detected at or above the reported limit. The associated numerical value is the sample detection limit.
- * = Indicates that the original sample result is greater than 4x the spike amount added.

ABBREVIATIONS

- MB = Method or Preparation Blank.
- MS = Matrix Spike.
- MSD = Matrix Spike Duplicate.
- REP = Sample Replicate
- LC = Laboratory Control Sample.
- NC = Not calculated.

A suffix of -R, -S, or -T following these codes indicate a replicate, spike or sample duplicate analysis respectively.

ANALYTICAL WET CHEMISTRY METHODS

1. ASTM Standard Methods.
2. USEPA Methods for Chemical Analysis of Water and Wastes (USEPA 600/4-79-020).
3. Test Methods for Evaluating Solid Waste (USEPA SW-846).
 - a. Standard Methods for the Examination of Water and Waste, 16 ed., (1989).
 - b. Standard Methods for the Examination of Water and Waste, 17 ed., (1983)
 - c. Method of Soil Analysis, Part 1, Physical and Mineralogical Methods, 2nd. Ed. (1986)
 - d. Method of Soil Analysis, Part 2, Chemical and Microbiological Properties, Am. Soc. Agron., Madison, WI (1965)
 - e. USEPA Contract Laboratory Program, Statement of Work for Inorganic Analysis.
 - f. Code of Federal Regulations.

RFW 21-21L-034/D-06/96

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH097-1105-UPMT-01

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra Case No.: _____

SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: 9711L177-001

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: c111116

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: not dec. _____

Date Analyzed: 11/11/97

GC Column: RTX624 ID: 0.32 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

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

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

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Lab Name: Recra.LabNet

Contract: 01667600001

SH097-1105-UPMT-01

Lab Code: Recra Case No.: _____

SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: 9711L177-001

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: c111116

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: not dec. _____

Date Analyzed: 11/11/97

GC Column: RTX624 ID: 0.32 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1.				

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH097-1105-UPMT-01

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra Case No.: _____

SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: 9711L177-001

Sample wt/vol: 980 (g/mL) ML

Lab File ID: E120123

Level: (low/med) LOW

Date Received: 11/06/97

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

Date Extracted: 11/07/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/02/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N

pH: 7.0

CONCENTRATION UNITS:

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

108-95-2-----	Phenol	10	U
111-44-4-----	bis(2-Chloroethyl) ether	10	U
95-57-8-----	2-Chlorophenol	10	U
541-73-1-----	1,3-Dichlorobenzene	10	U
106-46-7-----	1,4-Dichlorobenzene	10	U
95-50-1-----	1,2-Dichlorobenzene	10	U
95-48-7-----	2-Methylphenol	10	U
108-60-1-----	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5-----	4-Methylphenol	10	U
621-64-7-----	N-Nitroso-di-n-propylamine	10	U
67-72-1-----	Hexachloroethane	10	U
98-95-3-----	Nitrobenzene	10	U
78-59-1-----	Isophorone	10	U
88-75-5-----	2-Nitrophenol	10	U
105-67-9-----	2,4-Dimethylphenol	10	U
111-91-1-----	bis(2-Chloroethoxy) methane	10	U
120-83-2-----	2,4-Dichlorophenol	10	U
120-82-1-----	1,2,4-Trichlorobenzene	10	U
91-20-3-----	Naphthalene	10	U
106-47-8-----	4-Chloroaniline	10	U
87-68-3-----	Hexachlorobutadiene	10	U
59-50-7-----	4-Chloro-3-methylphenol	10	U
91-57-6-----	2-Methylnaphthalene	10	U
77-47-4-----	Hexachlorocyclopentadiene	10	U
88-06-2-----	2,4,6-Trichlorophenol	10	U
95-95-4-----	2,4,5-Trichlorophenol	26	U
91-58-7-----	2-Chloronaphthalene	10	U
88-74-4-----	2-Nitroaniline	26	U
131-11-3-----	Dimethylphthalate	10	U
208-96-8-----	Acenaphthylene	10	U
606-20-2-----	2,6-Dinitrotoluene	10	U
99-09-2-----	3-Nitroaniline	26	U
83-32-9-----	Acenaphthene	10	U

055

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH097-1105-UPMT-01

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: 9711L177-001

Sample wt/vol: 980 (g/mL) ML

Lab File ID: E120123

Level: (low/med) LOW

Date Received: 11/06/97

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

Date Extracted: 11/07/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/02/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N

pH: 7.0

CONCENTRATION UNITS:

CAS NO.

COMPOUND

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

Q

51-28-5-----	2,4-Dinitrophenol	26	U
100-02-7-----	4-Nitrophenol	26	U
132-64-9-----	Dibenzofuran	10	U
121-14-2-----	2,4-Dinitrotoluene	10	U
84-66-2-----	Diethylphthalate	10	U
7005-72-3-----	4-Chlorophenyl-phenylether	10	U
86-73-7-----	Fluorene	10	U
100-01-6-----	4-Nitroaniline	26	U
534-52-1-----	4,6-Dinitro-2-methylphenol	26	U
86-30-6-----	N-Nitrosodiphenylamine (1)	10	U
101-55-3-----	4-Bromophenyl-phenylether	10	U
118-74-1-----	Hexachlorobenzene	10	U
87-86-5-----	Pentachlorophenol	26	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	10	U
86-74-8-----	Carbazole	10	U
84-74-2-----	Di-n-butylphthalate	10	U
206-44-0-----	Fluoranthene	10	U
129-00-0-----	Pyrene	10	U
85-68-7-----	Butylbenzylphthalate	10	U
91-94-1-----	3,3'-Dichlorobenzidine	10	U
56-55-3-----	Benzo(a)anthracene	10	U
218-01-9-----	Chrysene	10	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	10	U
117-84-0-----	Di-n-octyl phthalate	10	U
205-99-2-----	Benzo(b)fluoranthene	10	U
207-08-9-----	Benzo(k)fluoranthene	10	U
50-32-8-----	Benzo(a)pyrene	10	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	10	U
53-70-3-----	Dibenz(a,h)anthracene	10	U
191-24-2-----	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

FORM 1 SV-2

RFW (v3.3)

056

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SH097-1105-UPMT-01

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: 9711L177-001

Sample wt/vol: 980 (g/mL) ML

Lab File ID: E120123

Level: (low/med) LOW

Date Received: 11/06/97

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

Date Extracted: 11/07/97

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 12/02/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N

pH: 7.0

CONCENTRATION UNITS:

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1.	UNKNOWN	12.14	3	J

1D
ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SH097-1105-UPMT-01

Lab Name: Recra.LabNet

Work Order: 01667-600-001-9999-00

Client: NYSDEC

Matrix: (soil/water) WATER

Lab Sample ID: 9711L177-001

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

Lab File ID: 11269735.23

% Moisture: decanted: (Y/N) _

Date Received: 11/06/97

Extraction: (SepF/Cont/Sonc) CONT

Date Extracted: 11/09/97

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 11/27/97

Injection Volume: 0.5 (uL)

Dilution Factor: 1.00

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

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION	
		UNITS: <u>UG/L</u>	<u>Q</u>
319-84-6-----	Alpha-BHC	0.050	U
319-85-7-----	Beta-BHC	0.050	U
319-86-8-----	Delta-BHC	0.050	U
58-89-9-----	gamma-BHC (Lindane)	0.050	U
76-44-8-----	Heptachlor	0.050	U
309-00-2-----	Aldrin	0.050	U
1024-57-3-----	Heptachlor epoxide	0.050	U
959-98-8-----	Endosulfan I	0.050	U
60-57-1-----	Dieldrin	0.10	U
72-55-9-----	4,4'-DDE	0.10	U
72-20-8-----	Endrin	0.10	U
33213-65-9-----	Endosulfan II	0.10	U
72-54-8-----	4,4'-DDD	0.10	U
1031-07-8-----	Endosulfan sulfate	0.10	U
50-29-3-----	4,4'-DDT	0.10	U
72-43-5-----	Methoxychlor	0.50	U
53494-70-5-----	Endrin ketone	0.10	U
7421-93-4-----	Endrin aldehyde	0.10	U
5103-71-9-----	alpha-Chlordane	0.050	U
5103-74-2-----	gamma-Chlordane	0.050	U
8001-35-2-----	Toxaphene	5.0	U
12674-11-2-----	Aroclor-1016	1.0	U
11104-28-2-----	Aroclor-1221	2.0	U
11141-16-5-----	Aroclor-1232	1.0	U
53469-21-9-----	Aroclor-1242	1.0	U
12672-29-6-----	Aroclor-1248	1.0	U
11097-69-1-----	Aroclor-1254	1.0	U
11096-82-5-----	Aroclor-1260	1.0	U

01-14-98

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

UPMT01

Lab Name: RECRA_LABNET_____ Contract: 1667_____

Lab Code: RECRA_____ Case No.: _____ SAS No.: _____ SDG No.: UPMT01

Matrix (soil/water): WATER

Lab Sample ID: 9711L177-001

Level (low/med): LOW_____

Date Received: 11/06/97

% Solids: _____0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	52.5	B		P
7440-36-0	Antimony	2.9	U		P
7440-38-2	Arsenic	2.4	U		P
7440-39-3	Barium	47.5	B		P
7440-41-7	Beryllium	0.30	U		P
7440-43-9	Cadmium	0.46	B		P
7440-70-2	Calcium	102000			P
7440-47-3	Chromium	0.60	U		P
7440-48-4	Cobalt	1.6	U		P
7440-50-8	Copper	16.0	B		P
7439-89-6	Iron	49.9	B		P
7439-92-1	Lead	4.2			P
7439-95-4	Magnesium	33500			P
7439-96-5	Manganese	4.0	B		P
7439-97-6	Mercury	0.10	U		AV
7440-02-0	Nickel	4.4	B		P
7440-09-7	Potassium	4620	B		P
7782-49-2	Selenium	4.4	U		P
7440-22-4	Silver	0.80	U		P
7440-23-5	Sodium	127000			P
7440-28-0	Thallium	4.8	U		P
7440-62-2	Vanadium	0.80	U		P
7440-66-6	Zinc	231			P
5955-70-0	Cyanide	12.5	U		C

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

SH097-1105-UPMT-01_____

FORM I - IN

ILM04.0

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH097-1105-UPMT-03

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra Case No.: _____

SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-002

Sample wt/vol: 5.00 (g/mL) G

Lab File ID: c111214

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: not dec. 33

Date Analyzed: 11/12/97

GC Column: RTX624 ID: 0.32 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

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

74-87-3-----	Chloromethane	15	U
74-83-9-----	Bromomethane	15	U
75-01-4-----	Vinyl Chloride	15	U
75-00-3-----	Chloroethane	15	U
75-09-2-----	Methylene Chloride	28	B
67-64-1-----	Acetone	15	U
75-15-0-----	Carbon Disulfide	15	U
75-35-4-----	1,1-Dichloroethene	15	U
75-34-3-----	1,1-Dichloroethane	15	U
540-59-0-----	1,2-Dichloroethene (total)	15	U
67-66-3-----	Chloroform	15	U
107-06-2-----	1,2-Dichloroethane	15	U
78-93-3-----	2-Butanone	15	U
71-55-6-----	1,1,1-Trichloroethane	15	J
56-23-5-----	Carbon Tetrachloride	15	U
75-27-4-----	Bromodichloromethane	15	U
78-87-5-----	1,2-Dichloropropane	15	U
10061-01-5-----	cis-1,3-Dichloropropene	15	U
79-01-6-----	Trichloroethene	3	J
124-48-1-----	Dibromochloromethane	15	U
79-00-5-----	1,1,2-Trichloroethane	15	U
71-43-2-----	Benzene	15	U
10061-02-6-----	Trans-1,3-Dichloropropene	15	U
75-25-2-----	Bromoform	15	U
108-10-1-----	4-Methyl-2-pentanone	15	U
591-78-6-----	2-Hexanone	15	U
127-18-4-----	Tetrachloroethene	14	J
79-34-5-----	1,1,2,2-Tetrachloroethane	15	U
108-88-3-----	Toluene	15	U
108-90-7-----	Chlorobenzene	15	U
100-41-4-----	Ethylbenzene	15	U
100-42-5-----	Styrene	15	U
1330-20-7-----	Xylene (total)	15	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Lab Name: Recra.LabNet

Contract: 01667600001

SH097-1105-UPMT-03

Lab Code: Recra Case No.: _____

SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-002

Sample wt/vol: 5.00 (g/mL) G

Lab File ID: c111214

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: not dec. 33

Date Analyzed: 11/12/97

GC Column: RTX624 ID: 0.32 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH097-1105-UPMT-03

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-002

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: E120130

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: 33 decanted: (Y/N) _____

Date Extracted: 11/11/97

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 12/02/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y

pH: 10

CONCENTRATION UNITS:

CAS NO.

COMPOUND

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

Q

108-95-2-----	Phenol	490	U
111-44-4-----	bis(2-Chloroethyl) ether	490	U
95-57-8-----	2-Chlorophenol	490	U
541-73-1-----	1,3-Dichlorobenzene	490	U
106-46-7-----	1,4-Dichlorobenzene	490	U
95-50-1-----	1,2-Dichlorobenzene	490	U
95-48-7-----	2-Methylphenol	490	U
108-60-1-----	2,2'-oxybis(1-Chloropropane)	490	U
106-44-5-----	4-Methylphenol	490	U
621-64-7-----	N-Nitroso-di-n-propylamine	490	U
67-72-1-----	Hexachloroethane	490	U
98-95-3-----	Nitrobenzene	490	U
78-59-1-----	Isophorone	490	U
88-75-5-----	2-Nitrophenol	490	U
105-67-9-----	2,4-Dimethylphenol	490	U
111-91-1-----	bis(2-Chloroethoxy) methane	490	U
120-83-2-----	2,4-Dichlorophenol	490	U
120-82-1-----	1,2,4-Trichlorobenzene	490	U
91-20-3-----	Naphthalene	490	U
106-47-8-----	4-Chloroaniline	490	U
87-68-3-----	Hexachlorobutadiene	490	U
59-50-7-----	4-Chloro-3-methylphenol	490	U
91-57-6-----	2-Methylnaphthalene	490	U
77-47-4-----	Hexachlorocyclopentadiene	490	U
88-06-2-----	2,4,6-Trichlorophenol	490	U
95-95-4-----	2,4,5-Trichlorophenol	1200	U
91-58-7-----	2-Chloronaphthalene	490	U
88-74-4-----	2-Nitroaniline	1200	U
131-11-3-----	Dimethylphthalate	490	U
208-96-8-----	Acenaphthylene	490	U
606-20-2-----	2,6-Dinitrotoluene	490	U
99-09-2-----	3-Nitroaniline	1200	U
83-32-9-----	Acenaphthene	490	U

065

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH097-1105-UPMT-03

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-002

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: E120130

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: 33 decanted: (Y/N) _____

Date Extracted: 11/11/97

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 12/02/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y

pH: 10

CONCENTRATION UNITS:

CAS NO.

COMPOUND

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

Q

51-28-5-----	2,4-Dinitrophenol	1200	U
100-02-7-----	4-Nitrophenol	1200	U
132-64-9-----	Dibenzofuran	490	U
121-14-2-----	2,4-Dinitrotoluene	490	U
84-66-2-----	Diethylphthalate	490	U
7005-72-3-----	4-Chlorophenyl-phenylether	490	U
86-73-7-----	Fluorene	490	U
100-01-6-----	4-Nitroaniline	1200	U
534-52-1-----	4,6-Dinitro-2-methylphenol	1200	U
86-30-6-----	N-Nitrosodiphenylamine (1)	490	U
101-55-3-----	4-Bromophenyl-phenylether	490	U
118-74-1-----	Hexachlorobenzene	490	U
87-86-5-----	Pentachlorophenol	1200	U
85-01-8-----	Phenanthrene	490	U
120-12-7-----	Anthracene	490	U
86-74-8-----	Carbazole	490	U
84-74-2-----	Di-n-butylphthalate	40	J
206-44-0-----	Fluoranthene	33	J
129-00-0-----	Pyrene	31	J
85-68-7-----	Butylbenzylphthalate	490	U
91-94-1-----	3,3'-Dichlorobenzidine	490	U
56-55-3-----	Benzo (a) anthracene	490	U
218-01-9-----	Chrysene	490	U
117-81-7-----	bis (2-Ethylhexyl) phthalate	490	U
117-84-0-----	Di-n-octyl phthalate	490	U
205-99-2-----	Benzo (b) fluoranthene	490	U
207-08-9-----	Benzo (k) fluoranthene	490	U
50-32-8-----	Benzo (a) pyrene	490	U
193-39-5-----	Indeno (1,2,3-cd) pyrene	490	U
53-70-3-----	Dibenz (a,h) anthracene	490	U
191-24-2-----	Benzo (g,h,i) perylene	490	U

(1) - Cannot be separated from Diphenylamine

FORM 1 SV-2

RFW (v3.3)

066

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SH097-1105-UPMT-03

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-002

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: E120130

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: 33 decanted: (Y/N) __

Date Extracted: 11/11/97

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 12/02/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y

pH: 10

CONCENTRATION UNITS:

Number TICs found: 3

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	8.30	100	J
2.	UNKNOWN	8.50	400	JB
3.	ALDOL CONDENSATE	8.86	500	JAB

1D
ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SH097-1105-UPMT-03

Lab Name: Recra.LabNet

Work Order: 01667-600-001-9999-00

Client: NYSDEC

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-002

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: 12069735.18

% Moisture: 33 decanted: (Y/N) N

Date Received: 11/06/97

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 11/13/97

Concentrated Extract Volume: 2000 (uL)

Date Analyzed: 12/07/97

Injection Volume: 0.5 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 10

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: <u>UG/KG</u>	Q
319-84-6-----	Alpha-BHC	2.5	U
319-85-7-----	Beta-BHC	2.5	U
319-86-8-----	Delta-BHC	2.5	U
58-89-9-----	gamma-BHC (Lindane)	2.5	U
76-44-8-----	Heptachlor	2.5	U
309-00-2-----	Aldrin	2.5	U
1024-57-3-----	Heptachlor epoxide	2.5	U
959-98-8-----	Endosulfan I	2.5	U
60-57-1-----	Dieldrin	4.9	U
72-55-9-----	4,4'-DDE	4.9	U
72-20-8-----	Endrin	4.9	U
33213-65-9-----	Endosulfan II	4.9	U
72-54-8-----	4,4'-DDD	4.9	U
1031-07-8-----	Endosulfan sulfate	4.9	U
50-29-3-----	4,4'-DDT	4.9	U
72-43-5-----	Methoxychlor	25	U
53494-70-5-----	Endrin ketone	4.9	U
7421-93-4-----	Endrin aldehyde	4.9	U
5103-71-9-----	alpha-Chlordane	2.5	U
5103-74-2-----	gamma-Chlordane	2.5	U
8001-35-2-----	Toxaphene	250	U
12674-11-2-----	Aroclor-1016	49	U
11104-28-2-----	Aroclor-1221	99	U
11141-16-5-----	Aroclor-1232	49	U
53469-21-9-----	Aroclor-1242	49	U
12672-29-6-----	Aroclor-1248	49	U
11097-69-1-----	Aroclor-1254	49	U
11096-82-5-----	Aroclor-1260	49	U

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

UPMT03

Lab Name: RECRA_LABNET_____ Contract: 1667_____

Lab Code: RECRA_____ Case No.: _____ SAS No.: _____ SDG No.: UPMT01

Matrix (soil/water): SOIL_____ Lab Sample ID: 9711L177-002

Level (low/med): LOW_____ Date Received: 11/06/97

% Solids: _____67.5

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	8310	—	—	P
7440-36-0	Antimony	2.1	B	—	P
7440-38-2	Arsenic	16.5	—	—	P
7440-39-3	Barium	321	—	—	P
7440-41-7	Beryllium	0.91	B	—	P
7440-43-9	Cadmium	1.8	—	—	P
7440-70-2	Calcium	9430	—	—	P
7440-47-3	Chromium	18.3	—	—	P
7440-48-4	Cobalt	9.5	B	—	P
7440-50-8	Copper	135	—	N*	P
7439-89-6	Iron	17700	—	—	P
7439-92-1	Lead	417	—	N	P
7439-95-4	Magnesium	1720	—	—	P
7439-96-5	Manganese	370	—	—	P
7439-97-6	Mercury	0.10	B	—	AV
7440-02-0	Nickel	31.0	—	—	P
7440-09-7	Potassium	997	B	—	P
7782-49-2	Selenium	3.8	—	—	P
7440-22-4	Silver	0.24	U	—	P
7440-23-5	Sodium	413	B	—	P
7440-28-0	Thallium	1.5	B	—	P
7440-62-2	Vanadium	40.7	—	—	P
7440-66-6	Zinc	1960	—	—	P
5955-70-0	Cyanide	0.39	B	—	C

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

SH097-1105-UPMT-03_____

FORM I - IN

ILM04.0

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH097-1105-UPMT-04

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-003

Sample wt/vol: 4.70 (g/mL) G

Lab File ID: c111215

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: not dec. 19

Date Analyzed: 11/12/97

GC Column: RTX624 ID: 0.32 (mm)

Dilution Factor: 1.06

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

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

74-87-3-----	Chloromethane	13	U
74-83-9-----	Bromomethane	13	U
75-01-4-----	Vinyl Chloride	13	U
75-00-3-----	Chloroethane	13	U
75-09-2-----	Methylene Chloride	43	B
67-64-1-----	Acetone	13	U
75-15-0-----	Carbon Disulfide	13	U
75-35-4-----	1,1-Dichloroethene	13	U
75-34-3-----	1,1-Dichloroethane	13	U
540-59-0-----	1,2-Dichloroethene (total)	13	U
67-66-3-----	Chloroform	13	U
107-06-2-----	1,2-Dichloroethane	13	U
78-93-3-----	2-Butanone	13	U
71-55-6-----	1,1,1-Trichloroethane	24	
56-23-5-----	Carbon Tetrachloride	13	U
75-27-4-----	Bromodichloromethane	13	U
78-87-5-----	1,2-Dichloropropane	13	U
10061-01-5-----	cis-1,3-Dichloropropene	13	U
79-01-6-----	Trichloroethene	6	J
124-48-1-----	Dibromochloromethane	13	U
79-00-5-----	1,1,2-Trichloroethane	13	U
71-43-2-----	Benzene	13	U
10061-02-6-----	Trans-1,3-Dichloropropene	13	U
75-25-2-----	Bromoform	13	U
108-10-1-----	4-Methyl-2-pentanone	13	U
591-78-6-----	2-Hexanone	13	U
127-18-4-----	Tetrachloroethene	28	
79-34-5-----	1,1,2,2-Tetrachloroethane	13	U
108-88-3-----	Toluene	4	J
108-90-7-----	Chlorobenzene	13	U
100-41-4-----	Ethylbenzene	13	U
100-42-5-----	Styrene	13	U
1330-20-7-----	Xylene (total)	13	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Lab Name: Recra.LabNet

Contract: 01667600001

SH097-1105-UPMT-04

Lab Code: Recra Case No.: _____

SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-003

Sample wt/vol: 4.70 (g/mL) G

Lab File ID: c111215

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: not dec. 19

Date Analyzed: 11/12/97

GC Column: RTX624 ID: 0.32 (mm)

Dilution Factor: 1.06

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH097-1105-UPMT-04

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-003

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: V121609

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: 19 decanted: (Y/N) _____

Date Extracted: 11/11/97

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 12/16/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y

pH: 8.6

CONCENTRATION UNITS:

CAS NO.

COMPOUND

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

Q

108-95-2-----	Phenol	410	U
111-44-4-----	bis(2-Chloroethyl) ether	410	U
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
95-48-7-----	2-Methylphenol	410	U
108-60-1-----	2,2'-oxybis(1-Chloropropane)	410	U
106-44-5-----	4-Methylphenol	410	U
621-64-7-----	N-Nitroso-di-n-propylamine	410	U
67-72-1-----	Hexachloroethane	410	U
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	410	U
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	410	U
77-47-4-----	Hexachlorocyclopentadiene	410	U
88-06-2-----	2,4,6-Trichlorophenol	410	U
95-95-4-----	2,4,5-Trichlorophenol	1000	U
91-58-7-----	2-Chloronaphthalene	410	U
88-74-4-----	2-Nitroaniline	1000	U
131-11-3-----	Dimethylphthalate	410	U
208-96-8-----	Acenaphthylene	410	U
606-20-2-----	2,6-Dinitrotoluene	410	U
99-09-2-----	3-Nitroaniline	1000	U
83-32-9-----	Acenaphthene	24	J

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH097-1105-UPMT-04

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-003

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: V121609

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: 19 decanted: (Y/N) _____

Date Extracted: 11/11/97

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 12/16/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y

pH: 8.6

CONCENTRATION UNITS:

CAS NO.

COMPOUND

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

Q

51-28-5-----	2,4-Dinitrophenol	1000	U
100-02-7-----	4-Nitrophenol	1000	U
132-64-9-----	Dibenzofuran	410	U
121-14-2-----	2,4-Dinitrotoluene	410	U
84-66-2-----	Diethylphthalate	410	U
7005-72-3-----	4-Chlorophenyl-phenylether	410	U
86-73-7-----	Fluorene	410	U
100-01-6-----	4-Nitroaniline	1000	U
534-52-1-----	4,6-Dinitro-2-methylphenol	1000	U
86-30-6-----	N-Nitrosodiphenylamine (1)	410	U
101-55-3-----	4-Bromophenyl-phenylether	410	U
118-74-1-----	Hexachlorobenzene	410	U
87-86-5-----	Pentachlorophenol	1000	U
85-01-8-----	Phenanthrene	150	J
120-12-7-----	Anthracene	34	J
86-74-8-----	Carbazole	410	U
84-74-2-----	Di-n-butylphthalate	52	J
206-44-0-----	Fluoranthene	200	J
129-00-0-----	Pyrene	240	J
85-68-7-----	Butylbenzylphthalate	410	U
91-94-1-----	3,3'-Dichlorobenzidine	410	U
56-55-3-----	Benzo(a)anthracene	130	J
218-01-9-----	Chrysene	140	J
117-81-7-----	bis(2-Ethylhexyl)phthalate	97	JB
117-84-0-----	Di-n-octyl phthalate	410	U
205-99-2-----	Benzo(b)fluoranthene	130	J
207-08-9-----	Benzo(k)fluoranthene	160	J
50-32-8-----	Benzo(a)pyrene	130	J
193-39-5-----	Indeno(1,2,3-cd)pyrene	82	J
53-70-3-----	Dibenz(a,h)anthracene	410	U
191-24-2-----	Benzo(g,h,i)perylene	100	J

(1) - Cannot be separated from Diphenylamine

FORM 1 SV-2

RFW (v3.3) 081

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SH097-1105-UPMT-04

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-003

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: V121609

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: 19 decanted: (Y/N) __

Date Extracted: 11/11/97

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 12/16/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y

pH: 8.6

CONCENTRATION UNITS:

Number TICs found: 14

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	6.72	100	J
2.	UNKNOWN	7.20	900	JB
3.	ALDOL CONDENSATE	7.55	900	JAB
4.	ALDOL CONDENSATE	9.12	500	JA
5.	ALKANE	24.43	200	J
6.	UNKNOWN	25.07	500	J
7.	ALKANE	25.38	200	J
8.	ALKANE	26.22	200	J
9.	UNKNOWN	26.75	100	J
10.	ALKANE	27.00	200	J
11.	ALKANE	27.75	200	J
12.	UNKNOWN	29.20	600	J
13.	ALKANE	32.33	500	J
14.	ALKANE	34.70	700	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH097-1105-UPMT-04RE

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-003 RE

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: V121708

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: 19 decanted: (Y/N) __

Date Extracted: 11/11/97

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 12/17/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y

pH: 8.6

CONCENTRATION UNITS:

CAS NO.

COMPOUND

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

Q

108-95-2-----	Phenol	410	U
111-44-4-----	bis(2-Chloroethyl) ether	410	U
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
95-48-7-----	2-Methylphenol	410	U
108-60-1-----	2,2'-oxybis(1-Chloropropane)	410	U
106-44-5-----	4-Methylphenol	410	U
621-64-7-----	N-Nitroso-di-n-propylamine	410	U
67-72-1-----	Hexachloroethane	410	U
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	410	U
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	410	U
77-47-4-----	Hexachlorocyclopentadiene	410	U
88-06-2-----	2,4,6-Trichlorophenol	410	U
95-95-4-----	2,4,5-Trichlorophenol	1000	U
91-58-7-----	2-Chloronaphthalene	410	U
88-74-4-----	2-Nitroaniline	1000	U
131-11-3-----	Dimethylphthalate	410	U
208-96-8-----	Acenaphthylene	410	U
606-20-2-----	2,6-Dinitrotoluene	410	U
99-09-2-----	3-Nitroaniline	1000	U
83-32-9-----	Acenaphthene	23	J

119

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH097-1105-UPMT-04RE

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-003 RE

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: V121708

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: 19 decanted: (Y/N) _____

Date Extracted: 11/11/97

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 12/17/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y

pH: 8.6

CONCENTRATION UNITS:

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

51-28-5-----	2,4-Dinitrophenol	1000	U
100-02-7-----	4-Nitrophenol	1000	U
132-64-9-----	Dibenzofuran	410	U
121-14-2-----	2,4-Dinitrotoluene	410	U
84-66-2-----	Diethylphthalate	410	U
7005-72-3-----	4-Chlorophenyl-phenylether	410	U
86-73-7-----	Fluorene	410	U
100-01-6-----	4-Nitroaniline	1000	U
534-52-1-----	4,6-Dinitro-2-methylphenol	1000	U
86-30-6-----	N-Nitrosodiphenylamine (1)	410	U
101-55-3-----	4-Bromophenyl-phenylether	410	U
118-74-1-----	Hexachlorobenzene	410	U
87-86-5-----	Pentachlorophenol	1000	U
85-01-8-----	Phenanthrene	170	J
120-12-7-----	Anthracene	34	J
86-74-8-----	Carbazole	23	J
84-74-2-----	Di-n-butylphthalate	53	J
206-44-0-----	Fluoranthene	210	J
129-00-0-----	Pyrene	240	J
85-68-7-----	Butylbenzylphthalate	410	U
91-94-1-----	3,3'-Dichlorobenzidine	410	U
56-55-3-----	Benzo(a)anthracene	120	J
218-01-9-----	Chrysene	130	J
117-81-7-----	bis(2-Ethylhexyl)phthalate	88	JB
117-84-0-----	Di-n-octyl phthalate	410	U
205-99-2-----	Benzo(b)fluoranthene	410	U
207-08-9-----	Benzo(k)fluoranthene	260	J
50-32-8-----	Benzo(a)pyrene	110	J
193-39-5-----	Indeno(1,2,3-cd)pyrene	81	J
53-70-3-----	Dibenz(a,h)anthracene	410	U
191-24-2-----	Benzo(g,h,i)perylene	110	J

(1) - Cannot be separated from Diphenylamine

FORM 1 SV-2

RFW (v3.3)

120

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SH097-1105-UPMT-04RE

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra Case No.: _____

SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-003 RE

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: V121708

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: 19 decanted: (Y/N)

Date Extracted: 11/11/97

Concentrated Extract Volume: 500(uL)

Date Analyzed: 12/17/97

Injection Volume: 2.0(uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y

pH: 8.6

CONCENTRATION UNITS:

Number TICs found: 17

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	5.70	100	J
2.	UNKNOWN	6.72	200	J
3.	UNKNOWN	7.22	900	JB
4.	ALDOL CONDENSATE	7.58	1000	JAB
5.	ALDOL CONDENSATE	9.13	500	JA
6.	ALKANE	23.27	100	J
7.	ALKANE	24.47	200	J
8.	UNKNOWN	25.08	500	J
9.	ALKANE	25.42	200	J
10.	ALKANE	26.27	200	J
11.	UNKNOWN	26.80	80	J
12.	ALKANE	27.05	300	J
13.	ALKANE	27.80	300	J
14.	ALKANE	29.25	200	J
15.	UNKNOWN	29.30	500	J
16.	UNKNOWN	34.85	700	J
17.	UNKNOWN	37.73	500	J

1D
ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SH097-1105-UPMT-04

Lab Name: Recra.LabNet

Work Order: 01667-600-001-9999-00

Client: NYSDEC

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-003

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: 12029735.56

% Moisture: 19 decanted: (Y/N) N

Date Received: 11/06/97

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 11/13/97

Concentrated Extract Volume: 2000 (uL)

Date Analyzed: 12/05/97

Injection Volume: 0.5 (uL)

Dilution Factor: 5.00

GPC Cleanup: (Y/N) Y pH: 8.6

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: <u>UG/KG</u>	Q
319-84-6	Alpha-BHC	10	U
319-85-7	Beta-BHC	10	U
319-86-8	Delta-BHC	10	U
58-89-9	gamma-BHC (Lindane)	10	U
76-44-8	Heptachlor	10	U
309-00-2	Aldrin	10	U
1024-57-3	Heptachlor epoxide	10	U
959-98-8	Endosulfan I	10	U
60-57-1	Dieldrin	21	U
72-55-9	4,4'-DDE	21	U
72-20-8	Endrin	21	U
33213-65-9	Endosulfan II	21	U
72-54-8	4,4'-DDD	23	P
1031-07-8	Endosulfan sulfate	21	U
50-29-3	4,4'-DDT	74	P
72-43-5	Methoxychlor	100	U
53494-70-5	Endrin ketone	21	U
7421-93-4	Endrin aldehyde	21	U
5103-71-9	alpha-Chlordane	10	U
5103-74-2	gamma-Chlordane	10	U
8001-35-2	Toxaphene	1000	U
12674-11-2	Aroclor-1016	210	U
11104-28-2	Aroclor-1221	410	U
11141-16-5	Aroclor-1232	210	U
53469-21-9	Aroclor-1242	210	U
12672-29-6	Aroclor-1248	210	U
11097-69-1	Aroclor-1254	690	U
11096-82-5	Aroclor-1260	210	U

Handwritten: 7/14/98

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

UPMT04

Lab Name: RECRA_LABNET_____ Contract: 1667_____

Lab Code: RECRA_____ Case No.: _____ SAS No.: _____ SDG No.: UPMT01

Matrix (soil/water): SOIL_____ Lab Sample ID: 9711L177-003

Level (low/med): LOW_____ Date Received: 11/06/97

% Solids: _____81.2

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	4860	—	—	P
7440-36-0	Antimony	0.71	U	—	P
7440-38-2	Arsenic	10.8	—	—	P
7440-39-3	Barium	524	—	—	P
7440-41-7	Beryllium	0.52	B	—	P
7440-43-9	Cadmium	6.0	—	—	P
7440-70-2	Calcium	60500	—	—	P
7440-47-3	Chromium	20.5	—	—	P
7440-48-4	Cobalt	6.0	B	—	P
7440-50-8	Copper	655	—	N*	P
7439-89-6	Iron	11800	—	—	P
7439-92-1	Lead	593	—	N	P
7439-95-4	Magnesium	4890	—	—	P
7439-96-5	Manganese	405	—	—	P
7439-97-6	Mercury	0.35	—	—	AV
7440-02-0	Nickel	44.4	—	—	P
7440-09-7	Potassium	711	B	—	P
7782-49-2	Selenium	1.5	—	—	P
7440-22-4	Silver	5.1	—	—	P
7440-23-5	Sodium	231	B	—	P
7440-28-0	Thallium	1.2	U	—	P
7440-62-2	Vanadium	17.2	—	—	P
7440-66-6	Zinc	1010	—	—	P
5955-70-0	Cyanide	0.68	—	—	C

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

SH097-1105-UPMT-04_____

FORM I - IN

ILM04.0

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH097-1105-UPMT-05

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra Case No.: _____

SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-004

Sample wt/vol: 4.00 (g/mL) G

Lab File ID: x111517

Level: (low/med) MED

Date Received: 11/06/97

% Moisture: not dec. 20

Date Analyzed: 11/15/97

GC Column: DB624 ID: 0.53 (mm)

Dilution Factor: 25.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

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

74-87-3-----	Chloromethane	39000	U
74-83-9-----	Bromomethane	39000	U
75-01-4-----	Vinyl Chloride	39000	U
75-00-3-----	Chloroethane	39000	U
75-09-2-----	Methylene Chloride	83000	B
67-64-1-----	Acetone	47000	B
75-15-0-----	Carbon Disulfide	39000	U
75-35-4-----	1,1-Dichloroethene	39000	U
75-34-3-----	1,1-Dichloroethane	39000	U
540-59-0-----	1,2-Dichloroethene (total)	39000	U
67-66-3-----	Chloroform	39000	U
107-06-2-----	1,2-Dichloroethane	39000	U
78-93-3-----	2-Butanone	39000	U
71-55-6-----	1,1,1-Trichloroethane	41000	
56-23-5-----	Carbon Tetrachloride	39000	U
75-27-4-----	Bromodichloromethane	39000	U
78-87-5-----	1,2-Dichloropropane	39000	U
10061-01-5-----	cis-1,3-Dichloropropene	39000	U
79-01-6-----	Trichloroethene	22000	J
124-48-1-----	Dibromochloromethane	39000	U
79-00-5-----	1,1,2-Trichloroethane	39000	U
71-43-2-----	Benzene	39000	U
10061-02-6-----	Trans-1,3-Dichloropropene	39000	U
75-25-2-----	Bromoform	39000	U
108-10-1-----	4-Methyl-2-pentanone	39000	U
591-78-6-----	Hexanone	39000	U
127-18-4-----	Tetrachloroethene	60000	
79-34-5-----	1,1,2,2-Tetrachloroethane	39000	U
108-88-3-----	Toluene	5500	J
108-90-7-----	Chlorobenzene	39000	U
100-41-4-----	Ethylbenzene	39000	U
100-42-5-----	Styrene	39000	U
1330-20-7-----	Xylene (total)	19000	J

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SH097-1105-UPMT-05

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-004

Sample wt/vol: 4.00 (g/mL) G

Lab File ID: x111517

Level: (low/med) MED

Date Received: 11/06/97

% Moisture: not dec. 20

Date Analyzed: 11/15/97

GC Column: DB624 ID: 0.53 (mm)

Dilution Factor: 25.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 6

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	ALKANE	21.290	40000	J
2.	UNKNOWN	21.832	40000	J
3.	UNKNOWN	22.098	30000	J
4.	ALKANE	22.462	30000	J
5.	UNKNOWN	22.748	50000	J
6.	UNKNOWN	23.446	20000	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH097-1105-UPMT-05

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-004

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: V121610

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: 20 decanted: (Y/N) _____

Date Extracted: 11/11/97

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 12/16/97

Injection Volume: 2.0 (uL)

Dilution Factor: 5.00

GPC Cleanup: (Y/N) Y

pH: 8.6

CONCENTRATION UNITS:

CAS NO.

COMPOUND

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

Q

108-95-2-----	Phenol	2100	U
111-44-4-----	bis(2-Chloroethyl) ether	2100	U
95-57-8-----	2-Chlorophenol	2100	U
541-73-1-----	1,3-Dichlorobenzene	2100	U
106-46-7-----	1,4-Dichlorobenzene	2100	U
95-50-1-----	1,2-Dichlorobenzene	2100	U
95-48-7-----	2-Methylphenol	2100	U
108-60-1-----	2,2'-oxybis(1-Chloropropane)	2100	U
106-44-5-----	4-Methylphenol	2100	U
621-64-7-----	N-Nitroso-di-n-propylamine	2100	U
67-72-1-----	Hexachloroethane	2100	U
98-95-3-----	Nitrobenzene	2100	U
78-59-1-----	Isophorone	2100	U
88-75-5-----	2-Nitrophenol	2100	U
105-67-9-----	2,4-Dimethylphenol	2100	U
111-91-1-----	bis(2-Chloroethoxy) methane	2100	U
120-83-2-----	2,4-Dichlorophenol	2100	U
120-82-1-----	1,2,4-Trichlorobenzene	2100	U
91-20-3-----	Naphthalene	2100	U
106-47-8-----	4-Chloroaniline	2100	U
87-68-3-----	Hexachlorobutadiene	2100	U
59-50-7-----	4-Chloro-3-methylphenol	2100	U
91-57-6-----	2-Methylnaphthalene	2100	U
77-47-4-----	Hexachlorocyclopentadiene	2100	U
88-06-2-----	2,4,6-Trichlorophenol	2100	U
95-95-4-----	2,4,5-Trichlorophenol	5200	U
91-58-7-----	2-Chloronaphthalene	2100	U
88-74-4-----	2-Nitroaniline	5200	U
131-11-3-----	Dimethylphthalate	2100	U
208-96-8-----	Acenaphthylene	2100	U
606-20-2-----	2,6-Dinitrotoluene	2100	U
99-09-2-----	3-Nitroaniline	5200	U
83-32-9-----	Acenaphthene	2100	U

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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH097-1105-UPMT-05

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra Case No.: _____

SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-004

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: V121610

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: 20 decanted: (Y/N) __

Date Extracted: 11/11/97

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 12/16/97

Injection Volume: 2.0 (uL)

Dilution Factor: 5.00

GPC Cleanup: (Y/N) Y

pH: 8.6

CONCENTRATION UNITS:

CAS NO.

COMPOUND

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

Q

51-28-5-----	2,4-Dinitrophenol	5200	U
100-02-7-----	4-Nitrophenol	5200	U
132-64-9-----	Dibenzofuran	2100	U
121-14-2-----	2,4-Dinitrotoluene	2100	U
84-66-2-----	Diethylphthalate	2100	U
7005-72-3-----	4-Chlorophenyl-phenylether	2100	U
86-73-7-----	Fluorene	2100	U
100-01-6-----	4-Nitroaniline	5200	U
534-52-1-----	4,6-Dinitro-2-methylphenol	5200	U
86-30-6-----	N-Nitrosodiphenylamine (1)	2100	U
101-55-3-----	4-Bromophenyl-phenylether	2100	U
118-74-1-----	Hexachlorobenzene	2100	U
87-86-5-----	Pentachlorophenol	5200	U
85-01-8-----	Phenanthrene	2100	U
120-12-7-----	Anthracene	2100	U
86-74-8-----	Carbazole	2100	U
84-74-2-----	Di-n-butylphthalate	170	J
206-44-0-----	Fluoranthene	2100	U
129-00-0-----	Pyrene	200	J
85-68-7-----	Butylbenzylphthalate	2100	U
91-94-1-----	3,3'-Dichlorobenzidine	2100	U
56-55-3-----	Benzo(a)anthracene	2100	U
218-01-9-----	Chrysene	2100	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	2900	B
117-84-0-----	Di-n-octyl phthalate	2100	U
205-99-2-----	Benzo(b)fluoranthene	180	J
207-08-9-----	Benzo(k)fluoranthene	2100	U
50-32-8-----	Benzo(a)pyrene	2100	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	2100	U
53-70-3-----	Dibenz(a,h)anthracene	2100	U
191-24-2-----	Benzo(g,h,i)perylene	2100	U

(1) - Cannot be separated from Diphenylamine

FORM 1 SV-2

RFW (v3.3)

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1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SH097-1105-UPMT-05

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-004

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: V121610

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: 20 decanted: (Y/N) _____

Date Extracted: 11/11/97

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 12/16/97

Injection Volume: 2.0 (uL)

Dilution Factor: 5.00

GPC Cleanup: (Y/N) Y

pH: 8.6

CONCENTRATION UNITS:

Number TICs found: 29

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	ALKANE	18.75	3000	J
2.	ALKANE	20.33	5000	J
3.	ALKANE	21.83	10000	J
4.	UNKNOWN	21.90	3000	J
5.	ALKANE	23.25	8000	J
6.	ALKANE	23.38	4000	J
7.	ALKANE	24.37	3000	J
8.	ALKANE	24.45	10000	J
9.	ALKANE	25.38	6000	J
10.	UNKNOWN	25.55	3000	J
11.	ALKANE	25.73	2000	J
12.	ALKANE	26.03	6000	J
13.	ALKANE	26.23	4000	J
14.	ALKANE	26.72	2000	J
15.	ALKANE	26.87	2000	J
16.	ALKANE	27.00	4000	J
17.	ALKANE	27.28	4000	J
18.	UNKNOWN	27.35	2000	J
19.	ALKANE	27.73	2000	J
20.	ALKANE	27.87	2000	J
21.	ALKANE	28.00	4000	J
22.	ALKANE	28.70	3000	J
23.	ALKANE	29.13	3000	J
24.	ALKANE	29.38	3000	J
25.	ALKANE	30.07	4000	J
26.	ALKANE	30.25	2000	J
27.	ALKANE	30.82	1000	J
28.	UNKNOWN	34.38	9000	J
29.	UNKNOWN	36.18	7000	J

1D
ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SH097-1105-UPMT-05

Lab Name: Recra.LabNet

Work Order: 01667-600-001-9999-00

Client: NYSDEC

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-004

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: 12069735.24

% Moisture: 20 decanted: (Y/N) N

Date Received: 11/06/97

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 11/13/97

Concentrated Extract Volume: 2000 (uL)

Date Analyzed: 12/07/97

Injection Volume: 0.5 (uL)

Dilution Factor: 50.0

GPC Cleanup: (Y/N) Y pH: 8.6

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION	
		UNITS: <u>UG/KG</u>	<u>Q</u>
319-84-6-----	Alpha-BHC	100	U
319-85-7-----	Beta-BHC	100	U
319-86-8-----	Delta-BHC	100	U
58-89-9-----	gamma-BHC (Lindane)	100	U
76-44-8-----	Heptachlor	100	U
309-00-2-----	Aldrin	100	U
1024-57-3-----	Heptachlor epoxide	100	U
959-98-8-----	Endosulfan I	100	U
60-57-1-----	Dieldrin	210	U
72-55-9-----	4,4'-DDE	210	U
72-20-8-----	Endrin	210	U
33213-65-9-----	Endosulfan II	210	U
72-54-8-----	4,4'-DDD	210	U
1031-07-8-----	Endosulfan sulfate	210	U
50-29-3-----	4,4'-DDT	210	U
72-43-5-----	Methoxychlor	1000	U
53494-70-5-----	Endrin ketone	210	U
7421-93-4-----	Endrin aldehyde	210	U
5103-71-9-----	alpha-Chlordane	100	U
5103-74-2-----	gamma-Chlordane	100	U
8001-35-2-----	Toxaphene	10000	U
12674-11-2-----	Aroclor-1016	2100	U
11104-28-2-----	Aroclor-1221	4200	U
11141-16-5-----	Aroclor-1232	2100	U
53469-21-9-----	Aroclor-1242	2100	U
12672-29-6-----	Aroclor-1248	2100	U
11097-69-1-----	Aroclor-1254	2100	U
11096-82-5-----	Aroclor-1260	2100	U

W
01-14-98

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

UPMT05

Lab Name: RECRA_LABNET_____ Contract: 1667_____

Lab Code: RECRA_____ Case No.: _____ SAS No.: _____ SDG No.: UPMT01

Matrix (soil/water): SOIL_____ Lab Sample ID: 9711L177-004

Level (low/med): LOW_____ Date Received: 11/06/97

% Solids: _____79.5

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	5580	—	—	P
7440-36-0	Antimony	7.0	B	—	P
7440-38-2	Arsenic	12.5	—	—	P
7440-39-3	Barium	576	—	—	P
7440-41-7	Beryllium	0.68	B	—	P
7440-43-9	Cadmium	12.3	—	—	P
7440-70-2	Calcium	6270	—	—	P
7440-47-3	Chromium	53.6	—	—	P
7440-48-4	Cobalt	8.8	B	—	P
7440-50-8	Copper	2060	—	N*	P
7439-89-6	Iron	17200	—	—	P
7439-92-1	Lead	3450	—	N	P
7439-95-4	Magnesium	1990	—	—	P
7439-96-5	Manganese	448	—	—	P
7439-97-6	Mercury	0.21	—	—	AV
7440-02-0	Nickel	96.1	—	—	P
7440-09-7	Potassium	596	B	—	P
7782-49-2	Selenium	2.0	—	—	P
7440-22-4	Silver	13.9	—	—	P
7440-23-5	Sodium	208	B	—	P
7440-28-0	Thallium	1.2	U	—	P
7440-62-2	Vanadium	21.7	—	—	P
7440-66-6	Zinc	2340	—	—	P
5955-70-0	Cyanide	3.6	—	—	C

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

SH097-1105-UPMT-05_____

FORM I - IN

ILM04.0

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH097-1105-UPMT-06

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra Case No.: _____

SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-005

Sample wt/vol: 5.10 (g/mL) G

Lab File ID: c111310

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: not dec. 25

Date Analyzed: 11/13/97

GC Column: RTX624 ID: 0.32 (mm)

Dilution Factor: 0.980

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

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

74-87-3-----	Chloromethane	13	U
74-83-9-----	Bromomethane	13	U
75-01-4-----	Vinyl Chloride	13	U
75-00-3-----	Chloroethane	13	U
75-09-2-----	Methylene Chloride	46	B
67-64-1-----	Acetone	25	B
75-15-0-----	Carbon Disulfide	13	U
75-35-4-----	1,1-Dichloroethene	13	U
75-34-3-----	1,1-Dichloroethane	9	J
540-59-0-----	1,2-Dichloroethene (total)	13	U
67-66-3-----	Chloroform	13	U
107-06-2-----	1,2-Dichloroethane	13	U
78-93-3-----	2-Butanone	13	U
71-55-6-----	1,1,1-Trichloroethane	160	
56-23-5-----	Carbon Tetrachloride	13	U
75-27-4-----	Bromodichloromethane	13	U
78-87-5-----	1,2-Dichloropropane	13	U
10061-01-5-----	cis-1,3-Dichloropropene	13	U
79-01-6-----	Trichloroethene	20	
124-48-1-----	Dibromochloromethane	13	U
79-00-5-----	1,1,2-Trichloroethane	13	U
71-43-2-----	Benzene	13	U
10061-02-6-----	Trans-1,3-Dichloropropene	13	U
75-25-2-----	Bromoform	13	U
108-10-1-----	4-Methyl-2-pentanone	13	U
591-78-6-----	2-Hexanone	13	U
127-18-4-----	Tetrachloroethene	99	
79-34-5-----	1,1,2,2-Tetrachloroethane	13	U
108-88-3-----	Toluene	13	U
108-90-7-----	Chlorobenzene	13	U
100-41-4-----	Ethylbenzene	13	U
100-42-5-----	Styrene	13	U
1330-20-7-----	Xylene (total)	13	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SH097-1105-UPMT-06

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-005

Sample wt/vol: 5.10 (g/mL) G

Lab File ID: c111310

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: not dec. 25

Date Analyzed: 11/13/97

GC Column: RTX624 ID: 0.32 (mm)

Dilution Factor: 0.980

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 2

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	5.535	20	J
2.	UNKNOWN	24.176	10	J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH097-1105-UPMT-06RE

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra Case No.: _____

SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-005

Sample wt/vol: 4.70 (g/mL) G

Lab File ID: c111413

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: not dec. 25

Date Analyzed: 11/14/97

GC Column: RTX624 ID: 0.32 (mm)

Dilution Factor: 1.06

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3-----	Chloromethane	14	U
74-83-9-----	Bromomethane	14	U
75-01-4-----	Vinyl Chloride	14	U
75-00-3-----	Chloroethane	14	U
75-09-2-----	Methylene Chloride	43	B
67-64-1-----	Acetone	14	U
75-15-0-----	Carbon Disulfide	14	U
75-35-4-----	1,1-Dichloroethene	14	U
75-34-3-----	1,1-Dichloroethane	14	U
540-59-0-----	1,2-Dichloroethene (total)	14	U
67-66-3-----	Chloroform	14	U
107-06-2-----	1,2-Dichloroethane	14	U
78-93-3-----	2-Butanone	14	U
71-55-6-----	1,1,1-Trichloroethane	36	
56-23-5-----	Carbon Tetrachloride	14	U
75-27-4-----	Bromodichloromethane	14	U
78-87-5-----	1,2-Dichloropropane	14	U
10061-01-5-----	cis-1,3-Dichloropropene	14	U
79-01-6-----	Trichloroethene	6	J
124-48-1-----	Dibromochloromethane	14	U
79-00-5-----	1,1,2-Trichloroethane	14	U
71-43-2-----	Benzene	14	U
10061-02-6-----	Trans-1,3-Dichloropropene	14	U
75-25-2-----	Bromoform	14	U
108-10-1-----	4-Methyl-2-pentanone	14	U
591-78-6-----	2-Hexanone	14	U
127-18-4-----	Tetrachloroethene	30	
79-34-5-----	1,1,2,2-Tetrachloroethane	14	U
108-88-3-----	Toluene	14	U
108-90-7-----	Chlorobenzene	14	U
100-41-4-----	Ethylbenzene	14	U
100-42-5-----	Styrene	14	U
1330-20-7-----	Xylene (total)	14	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Lab Name: Recra.LabNet

Contract: 01667600001

SH097-1105-UPMT-06RE

Lab Code: Recra Case No.: _____

SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-005

Sample wt/vol: 4.70 (g/mL) G

Lab File ID: c111413

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: not dec. 25

Date Analyzed: 11/14/97

GC Column: RTX624 ID: 0.32 (mm)

Dilution Factor: 1.06

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1.	UNKNOWN	5.534	10	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH097-1105-UPMT-06

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-005

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: V121611

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: 25 decanted: (Y/N) _____

Date Extracted: 11/11/97

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 12/16/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y

pH: 8.1

CONCENTRATION UNITS:

CAS NO.

COMPOUND

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

Q

108-95-2-----	Phenol	450	U
111-44-4-----	bis(2-Chloroethyl) ether	450	U
95-57-8-----	2-Chlorophenol	450	U
541-73-1-----	1,3-Dichlorobenzene	450	U
106-46-7-----	1,4-Dichlorobenzene	450	U
95-50-1-----	1,2-Dichlorobenzene	450	U
95-48-7-----	2-Methylphenol	450	U
108-60-1-----	2,2'-oxybis(1-Chloropropane)	450	U
106-44-5-----	4-Methylphenol	450	U
621-64-7-----	N-Nitroso-di-n-propylamine	450	U
67-72-1-----	Hexachloroethane	450	U
98-95-3-----	Nitrobenzene	450	U
78-59-1-----	Isophorone	450	U
88-75-5-----	2-Nitrophenol	450	U
105-67-9-----	2,4-Dimethylphenol	450	U
111-91-1-----	bis(2-Chloroethoxy) methane	450	U
120-83-2-----	2,4-Dichlorophenol	450	U
120-82-1-----	1,2,4-Trichlorobenzene	450	U
91-20-3-----	Naphthalene	25	J
106-47-8-----	4-Chloroaniline	450	U
87-68-3-----	Hexachlorobutadiene	450	U
59-50-7-----	4-Chloro-3-methylphenol	450	U
91-57-6-----	2-Methylnaphthalene	450	U
77-47-4-----	Hexachlorocyclopentadiene	450	U
88-06-2-----	2,4,6-Trichlorophenol	450	U
95-95-4-----	2,4,5-Trichlorophenol	1100	U
91-58-7-----	2-Chloronaphthalene	450	U
88-74-4-----	2-Nitroaniline	1100	U
131-11-3-----	Dimethylphthalate	450	U
208-96-8-----	Acenaphthylene	450	U
606-20-2-----	2,6-Dinitrotoluene	450	U
99-09-2-----	3-Nitroaniline	1100	U
83-32-9-----	Acenaphthene	450	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH097-1105-UPMT-06

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-005

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: V121611

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: 25 decanted: (Y/N) _____

Date Extracted: 11/11/97

Concentrated Extract Volume: 500(uL)

Date Analyzed: 12/16/97

Injection Volume: 2.0(uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y

pH: 8.1

CONCENTRATION UNITS:

CAS NO.

COMPOUND

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

Q

51-28-5-----	2,4-Dinitrophenol	1100	U
100-02-7-----	4-Nitrophenol	1100	U
132-64-9-----	Dibenzofuran	450	U
121-14-2-----	2,4-Dinitrotoluene	450	U
84-66-2-----	Diethylphthalate	450	U
7005-72-3-----	4-Chlorophenyl-phenylether	450	U
86-73-7-----	Fluorene	450	U
100-01-6-----	4-Nitroaniline	1100	U
534-52-1-----	4,6-Dinitro-2-methylphenol	1100	U
86-30-6-----	N-Nitrosodiphenylamine (1)	450	U
101-55-3-----	4-Bromophenyl-phenylether	450	U
118-74-1-----	Hexachlorobenzene	280	J
87-86-5-----	Pentachlorophenol	1100	U
85-01-8-----	Phenanthrene	110	J
120-12-7-----	Anthracene	450	U
86-74-8-----	Carbazole	450	U
84-74-2-----	Di-n-butylphthalate	38	J
206-44-0-----	Fluoranthene	130	J
129-00-0-----	Pyrene	280	J
85-68-7-----	Butylbenzylphthalate	450	U
91-94-1-----	3,3'-Dichlorobenzidine	450	U
56-55-3-----	Benzo(a)anthracene	150	J
218-01-9-----	Chrysene	170	J
117-81-7-----	bis(2-Ethylhexyl)phthalate	290	JB
117-84-0-----	Di-n-octyl phthalate	450	U
205-99-2-----	Benzo(b)fluoranthene	250	J
207-08-9-----	Benzo(k)fluoranthene	240	J
50-32-8-----	Benzo(a)pyrene	230	J
193-39-5-----	Indeno(1,2,3-cd)pyrene	210	J
53-70-3-----	Dibenz(a,h)anthracene	450	U
191-24-2-----	Benzo(g,h,i)perylene	230	J

(1) - Cannot be separated from Diphenylamine

FORM 1 SV-2

RFW (v3.3)

206

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SH097-1105-UPMT-06

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-005

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: V121611

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: 25 decanted: (Y/N) __

Date Extracted: 11/11/97

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 12/16/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y

pH: 8.1

CONCENTRATION UNITS:

Number TICs found: 16

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	7.18	1000	JB
2.	ALDOL CONDENSATE	7.53	1000	JAB
3.	BENZALDEHYDE	8.00	500	J
4.	ALDOL CONDENSATE	9.10	600	JA
5.	ALKANE	24.37	300	J
6.	ALKANE	24.43	200	J
7.	UNKNOWN	25.07	600	J
8.	ALKANE	25.38	300	J
9.	ALKANE	26.22	200	J
10.	UNKNOWN	26.75	300	J
11.	ALKANE	26.98	300	J
12.	ALKANE	27.72	300	J
13.	ALKANE	29.13	1000	J
14.	UNKNOWN	29.35	400	J
15.	UNKNOWN	30.63	300	J
16.	UNKNOWN	36.15	3000	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH097-1105-UPMT-06RE

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra Case No.: _____

SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-005 RE

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: V121709

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: 25 decanted: (Y/N) _____

Date Extracted: 11/11/97

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 12/17/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y

pH: 8.1

CONCENTRATION UNITS:

CAS NO.

COMPOUND

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

Q

108-95-2-----	Phenol	450	U
111-44-4-----	bis(2-Chloroethyl) ether	450	U
95-57-8-----	2-Chlorophenol	450	U
541-73-1-----	1,3-Dichlorobenzene	450	U
106-46-7-----	1,4-Dichlorobenzene	450	U
95-50-1-----	1,2-Dichlorobenzene	450	U
95-48-7-----	2-Methylphenol	450	U
108-60-1-----	2,2'-oxybis(1-Chloropropane)	450	U
106-44-5-----	4-Methylphenol	450	U
621-64-7-----	N-Nitroso-di-n-propylamine	450	U
67-72-1-----	Hexachloroethane	450	U
98-95-3-----	Nitrobenzene	450	U
78-59-1-----	Isophorone	450	U
88-75-5-----	2-Nitrophenol	450	U
105-67-9-----	2,4-Dimethylphenol	450	U
111-91-1-----	bis(2-Chloroethoxy) methane	450	U
120-83-2-----	2,4-Dichlorophenol	450	U
120-82-1-----	1,2,4-Trichlorobenzene	450	U
91-20-3-----	Naphthalene	27	J
106-47-8-----	4-Chloroaniline	450	U
87-68-3-----	Hexachlorobutadiene	450	U
59-50-7-----	4-Chloro-3-methylphenol	450	U
91-57-6-----	2-Methylnaphthalene	450	U
77-47-4-----	Hexachlorocyclopentadiene	450	U
88-06-2-----	2,4,6-Trichlorophenol	450	U
95-95-4-----	2,4,5-Trichlorophenol	1100	U
91-58-7-----	2-Chloronaphthalene	450	U
88-74-4-----	2-Nitroaniline	1100	U
131-11-3-----	Dimethylphthalate	450	U
208-96-8-----	Acenaphthylene	450	U
606-20-2-----	2,6-Dinitrotoluene	450	U
99-09-2-----	3-Nitroaniline	1100	U
83-32-9-----	Acenaphthene	450	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH097-1105-UPMT-06RE

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra Case No.: _____

SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-005 RE

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: V121709

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: 25 decanted: (Y/N) _____

Date Extracted: 11/11/97

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 12/17/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y

pH: 8.1

CONCENTRATION UNITS:

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

51-28-5-----	2,4-Dinitrophenol	1100	U
100-02-7-----	4-Nitrophenol	1100	U
132-64-9-----	Dibenzofuran	450	U
121-14-2-----	2,4-Dinitrotoluene	450	U
84-66-2-----	Diethylphthalate	450	U
7005-72-3-----	4-Chlorophenyl-phenylether	450	U
86-73-7-----	Fluorene	450	U
100-01-6-----	4-Nitroaniline	1100	U
534-52-1-----	4,6-Dinitro-2-methylphenol	1100	U
86-30-6-----	N-Nitrosodiphenylamine (1)	450	U
101-55-3-----	4-Bromophenyl-phenylether	450	U
118-74-1-----	Hexachlorobenzene	220	J
87-86-5-----	Pentachlorophenol	1100	U
85-01-8-----	Phenanthrene	98	J
120-12-7-----	Anthracene	450	U
86-74-8-----	Carbazole	450	U
84-74-2-----	Di-n-butylphthalate	39	J
206-44-0-----	Fluoranthene	140	J
129-00-0-----	Pyrene	260	J
85-68-7-----	Butylbenzylphthalate	450	U
91-94-1-----	3,3'-Dichlorobenzidine	450	U
56-55-3-----	Benzo(a)anthracene	180	J
218-01-9-----	Chrysene	220	J
117-81-7-----	bis(2-Ethylhexyl)phthalate	270	JB
117-84-0-----	Di-n-octyl phthalate	450	U
205-99-2-----	Benzo(b)fluoranthene	330	J
207-08-9-----	Benzo(k)fluoranthene	240	J
50-32-8-----	Benzo(a)pyrene	220	J
193-39-5-----	Indeno(1,2,3-cd)pyrene	190	J
53-70-3-----	Dibenz(a,h)anthracene	90	J
191-24-2-----	Benzo(g,h,i)perylene	220	J

(1) - Cannot be separated from Diphenylamine

FORM 1 SV-2

RFW (v3.2) 247

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SH097-1105-UPMT-06RE

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-005 RE

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: V121709

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: 25 decanted: (Y/N) _____

Date Extracted: 11/11/97

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 12/17/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y

pH: 8.1

CONCENTRATION UNITS:

Number TICs found: 18

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	6.68	300	J
2.	UNKNOWN	7.22	1000	JB
3.	ALDOL CONDENSATE	7.55	1000	JAB
4.	BENZALDEHYDE	8.02	400	J
5.	ALDOL CONDENSATE	9.12	700	JA
6.	ALKANE	23.25	400	J
7.	ALKANE	24.38	200	J
8.	ALKANE	24.45	300	J
9.	UNKNOWN	25.08	600	J
10.	ALKANE	25.40	300	J
11.	UNKNOWN	25.58	200	J
12.	ALKANE	26.07	200	J
13.	ALKANE	26.25	200	J
14.	ALKANE	27.05	300	J
15.	ALKANE	27.80	300	J
16.	UNKNOWN	28.78	400	J
17.	ALKANE	29.27	700	J
18.	UNKNOWN	29.50	400	J

1D
ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SH097-1105-UPMT-06

Lab Name: Recra.LabNet

Work Order: 01667-600-001-9999-00

Client: NYSDEC

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-005

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: 12029735.58

% Moisture: 25 decanted: (Y/N) N

Date Received: 11/06/97

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 11/13/97

Concentrated Extract Volume: 2000 (uL)

Date Analyzed: 12/05/97

Injection Volume: 0.5 (uL)

Dilution Factor: 5.00

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

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: <u>UG/KG</u>	Q
319-84-6	Alpha-BHC	11	U
319-85-7	Beta-BHC	11	U
319-86-8	Delta-BHC	11	U
58-89-9	gamma-BHC (Lindane)	11	U
76-44-8	Heptachlor	11	U
309-00-2	Aldrin	11	U
1024-57-3	Heptachlor epoxide	11	U
959-98-8	Endosulfan I	11	U
60-57-1	Dieldrin	22	U
72-55-9	4,4'-DDE	22	U
72-20-8	Endrin	22	U
33213-65-9	Endosulfan II	22	U
72-54-8	4,4'-DDD	22	U
1031-07-8	Endosulfan sulfate	22	U
50-29-3	4,4'-DDT	22	U
72-43-5	Methoxychlor	110	U
53494-70-5	Endrin ketone	22	U
7421-93-4	Endrin aldehyde	22	U
5103-71-9	alpha-Chlordane	11	U
5103-74-2	gamma-Chlordane	11	U
8001-35-2	Toxaphene	1100	U
12674-11-2	Aroclor-1016	220	U
11104-28-2	Aroclor-1221	450	U
11141-16-5	Aroclor-1232	220	U
53469-21-9	Aroclor-1242	220	U
12672-29-6	Aroclor-1248	220	U
11097-69-1	Aroclor-1254	220	U
11096-82-5	Aroclor-1260	220	U

01-14-98

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

UPMT06

Lab Name: RECRA_LABNET_____ Contract: 1667_____

Lab Code: RECRA_____ Case No.: _____ SAS No.: _____ SDG No.: UPMT01

Matrix (soil/water): SOIL_____ Lab Sample ID: 9711L177-005

Level (low/med): LOW_____ Date Received: 11/06/97

% Solids: _____74.7

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	10400	-		P
7440-36-0	Antimony	415	-		P
7440-38-2	Arsenic	20.2	-		P
7440-39-3	Barium	6110	-		P
7440-41-7	Beryllium	0.19	B		P
7440-43-9	Cadmium	14.1	-		P
7440-70-2	Calcium	15900	-		P
7440-47-3	Chromium	148	-		P
7440-48-4	Cobalt	22.0	-		P
7440-50-8	Copper	7050	-	N*	P
7439-89-6	Iron	52600	-		P
7439-92-1	Lead	56900	-	N	P
7439-95-4	Magnesium	3850	-		P
7439-96-5	Manganese	563	-		P
7439-97-6	Mercury	1.6	-		AV
7440-02-0	Nickel	162	-		P
7440-09-7	Potassium	563	B		P
7782-49-2	Selenium	3.9	-		P
7440-22-4	Silver	91.3	-		P
7440-23-5	Sodium	372	B		P
7440-28-0	Thallium	3.4	-		P
7440-62-2	Vanadium	23.6	-		P
7440-66-6	Zinc	1100	-		P
5955-70-0	Cyanide	1.4	-		C

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

SH097-1105-UPMT-06

FORM I - IN

ILM04.0

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH097-1105-UPMT-07

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra Case No.: _____

SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-006

Sample wt/vol: 4.70 (g/mL) G

Lab File ID: c111218

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: not dec. 23

Date Analyzed: 11/12/97

GC Column: RTX624 ID: 0.32 (mm)

Dilution Factor: 1.06

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	-----Chloromethane	14	U
74-83-9	-----Bromomethane	14	U
75-01-4	-----Vinyl Chloride	14	U
75-00-3	-----Chloroethane	14	U
75-09-2	-----Methylene Chloride	55	B
67-64-1	-----Acetone	14	U
75-15-0	-----Carbon Disulfide	14	U
75-35-4	-----1,1-Dichloroethene	14	U
75-34-3	-----1,1-Dichloroethane	9	J
540-59-0	-----1,2-Dichloroethene (total)	14	U
67-66-3	-----Chloroform	14	U
107-06-2	-----1,2-Dichloroethane	14	U
78-93-3	-----2-Butanone	14	U
71-55-6	-----1,1,1-Trichloroethane	99	
56-23-5	-----Carbon Tetrachloride	14	U
75-27-4	-----Bromodichloromethane	14	U
78-87-5	-----1,2-Dichloropropane	14	U
10061-01-5	-----cis-1,3-Dichloropropene	14	U
79-01-6	-----Trichloroethene	8	J
124-48-1	-----Dibromochloromethane	14	U
79-00-5	-----1,1,2-Trichloroethane	14	U
71-43-2	-----Benzene	14	U
10061-02-6	-----Trans-1,3-Dichloropropene	14	U
75-25-2	-----Bromoform	14	U
108-10-1	-----4-Methyl-2-pentanone	14	U
591-78-6	-----2-Hexanone	14	U
127-18-4	-----Tetrachloroethene	24	
79-34-5	-----1,1,2,2-Tetrachloroethane	14	U
108-88-3	-----Toluene	6	J
108-90-7	-----Chlorobenzene	14	U
100-41-4	-----Ethylbenzene	14	U
100-42-5	-----Styrene	14	U
1330-20-7	-----Xylene (total)	14	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Lab Name: Recra.LabNet

Contract: 01667600001

SH097-1105-UPMT-07

Lab Code: Recra Case No.: _____

SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-006

Sample wt/vol: 4.70 (g/mL) G

Lab File ID: c111218

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: not dec. 23

Date Analyzed: 11/12/97

GC Column: RTX624 ID: 0.32 (mm)

Dilution Factor: 1.06

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	5.508	20	J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH097-1105-UPMT-07RE

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-006

Sample wt/vol: 4.70 (g/mL) G

Lab File ID: c111311

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: not dec. 23

Date Analyzed: 11/13/97

GC Column: RTX624 ID: 0.32 (mm)

Dilution Factor: 1.06

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

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

Q

74-87-3-----	Chloromethane	14	U
74-83-9-----	Bromomethane	14	U
75-01-4-----	Vinyl Chloride	14	U
75-00-3-----	Chloroethane	14	U
75-09-2-----	Methylene Chloride	37	B
67-64-1-----	Acetone	10	JB
75-15-0-----	Carbon Disulfide	14	U
75-35-4-----	1,1-Dichloroethene	14	U
75-34-3-----	1,1-Dichloroethane	6	J
540-59-0-----	1,2-Dichloroethene (total)	14	U
67-66-3-----	Chloroform	14	U
107-06-2-----	1,2-Dichloroethane	14	U
78-93-3-----	2-Butanone	14	U
71-55-6-----	1,1,1-Trichloroethane	77	
56-23-5-----	Carbon Tetrachloride	14	U
75-27-4-----	Bromodichloromethane	14	U
78-87-5-----	1,2-Dichloropropane	14	U
10061-01-5-----	cis-1,3-Dichloropropene	14	U
79-01-6-----	Trichloroethene	4	J
124-48-1-----	Dibromochloromethane	14	U
79-00-5-----	1,1,2-Trichloroethane	14	U
71-43-2-----	Benzene	14	U
10061-02-6-----	Trans-1,3-Dichloropropene	14	U
75-25-2-----	Bromoform	14	U
108-10-1-----	4-Methyl-2-pentanone	14	U
591-78-6-----	2-Hexanone	14	U
127-18-4-----	Tetrachloroethene	8	J
79-34-5-----	1,1,2,2-Tetrachloroethane	14	U
108-88-3-----	Toluene	2	J
108-90-7-----	Chlorobenzene	14	U
100-41-4-----	Ethylbenzene	14	U
100-42-5-----	Styrene	14	U
1330-20-7-----	Xylene (total)	14	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Lab Name: Recra.LabNet

Contract: 01667600001

SH097-1105-UPMT-07RE

Lab Code: Recra

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-006

Sample wt/vol: 4.70 (g/mL) G

Lab File ID: c111311

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: not dec. 23

Date Analyzed: 11/13/97

GC Column: RTX624 ID: 0.32 (mm)

Dilution Factor: 1.06

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	5.498	20	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH097-1105-UPMT-07

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra Case No.: _____

SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-006

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: V121612

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: 23 decanted: (Y/N) _____

Date Extracted: 11/11/97

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 12/16/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y

pH: 8.3

CONCENTRATION UNITS:

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

108-95-2-----	Phenol	440	U
111-44-4-----	bis(2-Chloroethyl) ether	440	U
95-57-8-----	2-Chlorophenol	440	U
541-73-1-----	1,3-Dichlorobenzene	440	U
106-46-7-----	1,4-Dichlorobenzene	440	U
95-50-1-----	1,2-Dichlorobenzene	440	U
95-48-7-----	2-Methylphenol	440	U
108-60-1-----	2,2'-oxybis(1-Chloropropane)	440	U
106-44-5-----	4-Methylphenol	440	U
621-64-7-----	N-Nitroso-di-n-propylamine	440	U
67-72-1-----	Hexachloroethane	440	U
98-95-3-----	Nitrobenzene	440	U
78-59-1-----	Isophorone	440	U
88-75-5-----	2-Nitrophenol	440	U
105-67-9-----	2,4-Dimethylphenol	440	U
111-91-1-----	bis(2-Chloroethoxy) methane	440	U
120-83-2-----	2,4-Dichlorophenol	440	U
120-82-1-----	1,2,4-Trichlorobenzene	440	U
91-20-3-----	Naphthalene	440	U
106-47-8-----	4-Chloroaniline	440	U
87-68-3-----	Hexachlorobutadiene	440	U
59-50-7-----	4-Chloro-3-methylphenol	440	U
91-57-6-----	2-Methylnaphthalene	440	U
77-47-4-----	Hexachlorocyclopentadiene	440	U
88-06-2-----	2,4,6-Trichlorophenol	440	U
95-95-4-----	2,4,5-Trichlorophenol	1100	U
91-58-7-----	2-Chloronaphthalene	440	U
88-74-4-----	2-Nitroaniline	1100	U
131-11-3-----	Dimethylphthalate	440	U
208-96-8-----	Acenaphthylene	440	U
606-20-2-----	2,6-Dinitrotoluene	440	U
99-09-2-----	3-Nitroaniline	1100	U
83-32-9-----	Acenaphthene	440	U

290

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH097-1105-UPMT-07

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-006

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: V121612

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: 23 decanted: (Y/N) _____

Date Extracted: 11/11/97

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 12/16/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y

pH: 8.3

CONCENTRATION UNITS:

CAS NO.

COMPOUND

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

Q

51-28-5-----	2,4-Dinitrophenol	1100	U
100-02-7-----	4-Nitrophenol	1100	U
132-64-9-----	Dibenzofuran	440	U
121-14-2-----	2,4-Dinitrotoluene	440	U
84-66-2-----	Diethylphthalate	440	U
7005-72-3-----	4-Chlorophenyl-phenylether	440	U
86-73-7-----	Fluorene	440	U
100-01-6-----	4-Nitroaniline	1100	U
534-52-1-----	4,6-Dinitro-2-methylphenol	1100	U
86-30-6-----	N-Nitrosodiphenylamine (1)	440	U
101-55-3-----	4-Bromophenyl-phenylether	440	U
118-74-1-----	Hexachlorobenzene	440	U
87-86-5-----	Pentachlorophenol	1100	U
85-01-8-----	Phenanthrene	68	J
120-12-7-----	Anthracene	440	U
86-74-8-----	Carbazole	440	U
84-74-2-----	Di-n-butylphthalate	160	J
206-44-0-----	Fluoranthene	170	J
129-00-0-----	Pyrene	320	J
85-68-7-----	Butylbenzylphthalate	440	U
91-94-1-----	3,3'-Dichlorobenzidine	440	U
56-55-3-----	Benzo(a)anthracene	200	J
218-01-9-----	Chrysene	240	J
117-81-7-----	bis(2-Ethylhexyl)phthalate	320	JB
117-84-0-----	Di-n-octyl phthalate	440	U
205-99-2-----	Benzo(b)fluoranthene	260	J
207-08-9-----	Benzo(k)fluoranthene	290	J
50-32-8-----	Benzo(a)pyrene	220	J
193-39-5-----	Indeno(1,2,3-cd)pyrene	160	J
53-70-3-----	Dibenz(a,h)anthracene	440	U
191-24-2-----	Benzo(g,h,i)perylene	170	J

(1) - Cannot be separated from Diphenylamine

FORM 1 SV-2

RFW (v3.2)

291

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SH097-1105-UPMT-07

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-006

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: V121612

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: 23 decanted: (Y/N) _____

Date Extracted: 11/11/97

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 12/16/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y

pH: 8.3

CONCENTRATION UNITS:

Number TICs found: 20

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	5.68	200	J
2.	UNKNOWN	6.68	200	J
3.	UNKNOWN	7.18	600	JB
4.	ALDOL CONDENSATE	7.55	700	JAB
5.	ALDOL CONDENSATE	9.10	400	JA
6.	TRICHLOROBENZENAMINE	17.68	100	J
7.	UNKNOWN	18.02	90	J
8.	UNKNOWN	24.92	200	J
9.	UNKNOWN	25.07	500	J
10.	UNKNOWN	26.48	100	J
11.	UNKNOWN	26.77	200	J
12.	UNKNOWN	28.97	300	J
13.	UNKNOWN	29.20	600	J
14.	ALKANE	30.57	200	J
15.	PHOSPHATE	30.72	300	J
16.	PHOSPHATE	31.25	200	J
17.	ALKANE	31.38	300	J
18.	ALKANE	32.33	400	J
19.	ALKANE	34.72	700	J
20.	UNKNOWN	37.60	500	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH097-1105-UPMT-07RE

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-006 RE

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: V121710

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: 23 decanted: (Y/N) _____

Date Extracted: 11/11/97

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 12/17/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y

pH: 8.3

CONCENTRATION UNITS:

CAS NO.

COMPOUND

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

Q

108-95-2-----	Phenol	440	U
111-44-4-----	bis(2-Chloroethyl) ether	440	U
95-57-8-----	2-Chlorophenol	440	U
541-73-1-----	1,3-Dichlorobenzene	440	U
106-46-7-----	1,4-Dichlorobenzene	440	U
95-50-1-----	1,2-Dichlorobenzene	440	U
95-48-7-----	2-Methylphenol	440	U
108-60-1-----	2,2'-oxybis(1-Chloropropane)	440	U
106-44-5-----	4-Methylphenol	440	U
621-64-7-----	N-Nitroso-di-n-propylamine	440	U
67-72-1-----	Hexachloroethane	440	U
98-95-3-----	Nitrobenzene	440	U
78-59-1-----	Isophorone	440	U
88-75-5-----	2-Nitrophenol	440	U
105-67-9-----	2,4-Dimethylphenol	440	U
111-91-1-----	bis(2-Chloroethoxy) methane	440	U
120-83-2-----	2,4-Dichlorophenol	440	U
120-82-1-----	1,2,4-Trichlorobenzene	440	U
91-20-3-----	Naphthalene	440	U
106-47-8-----	4-Chloroaniline	440	U
87-68-3-----	Hexachlorobutadiene	440	U
59-50-7-----	4-Chloro-3-methylphenol	440	U
91-57-6-----	2-Methylnaphthalene	440	U
77-47-4-----	Hexachlorocyclopentadiene	440	U
88-06-2-----	2,4,6-Trichlorophenol	440	U
95-95-4-----	2,4,5-Trichlorophenol	1100	U
91-58-7-----	2-Chloronaphthalene	440	U
88-74-4-----	2-Nitroaniline	1100	U
131-11-3-----	Dimethylphthalate	440	U
208-96-8-----	Acenaphthylene	440	U
606-20-2-----	2,6-Dinitrotoluene	440	U
99-09-2-----	3-Nitroaniline	1100	U
83-32-9-----	Acenaphthene	440	U

334

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH097-1105-UPMT-07RE

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-006 RE

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: V121710

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: 23 decanted: (Y/N) _____

Date Extracted: 11/11/97

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 12/17/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y

pH: 8.3

CONCENTRATION UNITS:

CAS NO.

COMPOUND

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

Q

51-28-5-----	2,4-Dinitrophenol	1100	U
100-02-7-----	4-Nitrophenol	1100	U
132-64-9-----	Dibenzofuran	440	U
121-14-2-----	2,4-Dinitrotoluene	440	U
84-66-2-----	Diethylphthalate	440	U
7005-72-3-----	4-Chlorophenyl-phenylether	440	U
86-73-7-----	Fluorene	440	U
100-01-6-----	4-Nitroaniline	1100	U
534-52-1-----	4,6-Dinitro-2-methylphenol	1100	U
86-30-6-----	N-Nitrosodiphenylamine (1)	440	U
101-55-3-----	4-Bromophenyl-phenylether	440	U
118-74-1-----	Hexachlorobenzene	440	U
87-86-5-----	Pentachlorophenol	1100	U
85-01-8-----	Phenanthrene	69	J
120-12-7-----	Anthracene	440	U
86-74-8-----	Carbazole	440	U
84-74-2-----	Di-n-butylphthalate	170	J
206-44-0-----	Fluoranthene	190	J
129-00-0-----	Pyrene	280	J
85-68-7-----	Butylbenzylphthalate	440	U
91-94-1-----	3,3'-Dichlorobenzidine	440	U
56-55-3-----	Benzo(a)anthracene	220	J
218-01-9-----	Chrysene	220	J
117-81-7-----	bis(2-Ethylhexyl)phthalate	250	JB
117-84-0-----	Di-n-octyl phthalate	440	U
205-99-2-----	Benzo(b)fluoranthene	290	J
207-08-9-----	Benzo(k)fluoranthene	260	J
50-32-8-----	Benzo(a)pyrene	240	J
193-39-5-----	Indeno(1,2,3-cd)pyrene	160	J
53-70-3-----	Dibenz(a,h)anthracene	99	J
191-24-2-----	Benzo(g,h,i)perylene	180	J

(1) - Cannot be separated from Diphenylamine

FORM 1 SV-2

RFW (v3.3)

335

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SH097-1105-UPMT-07RE

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-006 RE

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: V121710

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: 23 decanted: (Y/N) _____

Date Extracted: 11/11/97

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 12/17/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y

pH: 8.3

CONCENTRATION UNITS:

Number TICs found: 18

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	5.68	100	J
2.	UNKNOWN	6.68	200	J
3.	UNKNOWN	7.20	600	JB
4.	ALDOL CONDENSATE	7.57	800	JAB
5.	ALDOL CONDENSATE	9.12	500	JA
6.	TRICHLOROBENZENAMINE	17.70	200	J
7.	UNKNOWN	18.02	200	J
8.	UNKNOWN	25.07	500	J
9.	UNKNOWN	26.50	200	J
10.	PHOSPHATE	29.00	200	J
11.	UNKNOWN	29.23	500	J
12.	PHOSPHATE	30.78	200	J
13.	PHOSPHATE	31.05	200	J
14.	UNKNOWN	31.43	300	J
15.	ALKANE	32.42	800	J
16.	UNKNOWN	34.45	600	J
17.	ALKANE	34.80	700	J
18.	UNKNOWN	37.68	700	J

1D
ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SH097-1105-UPMT-07

Lab Name: Recra.LabNet

Work Order: 01667-600-001-9999-00

Client: NYSDEC

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-006

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: 12029735.59

% Moisture: 23 decanted: (Y/N) N

Date Received: 11/06/97

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 11/13/97

Concentrated Extract Volume: 2000 (uL)

Date Analyzed: 12/05/97

Injection Volume: 0.5 (uL)

Dilution Factor: 5.00

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

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: <u>UG/KG</u>	Q
319-84-6	Alpha-BHC	11	U
319-85-7	Beta-BHC	11	U
319-86-8	Delta-BHC	11	U
58-89-9	gamma-BHC (Lindane)	11	U
76-44-8	Heptachlor	11	U
309-00-2	Aldrin	11	U
1024-57-3	Heptachlor epoxide	11	U
959-98-8	Endosulfan I	11	U
60-57-1	Dieldrin	22	U
72-55-9	4,4'-DDE	22	U
72-20-8	Endrin	22	U
33213-65-9	Endosulfan II	22	U
72-54-8	4,4'-DDD	22	U
1031-07-8	Endosulfan sulfate	22	U
50-29-3	4,4'-DDT	38	
72-43-5	Methoxychlor	110	U
53494-70-5	Endrin ketone	22	U
7421-93-4	Endrin aldehyde	22	U
5103-71-9	alpha-Chlordane	11	U
5103-74-2	gamma-Chlordane	11	U
8001-35-2	Toxaphene	1100	U
12674-11-2	Aroclor-1016	220	U
11104-28-2	Aroclor-1221	440	U
11141-16-5	Aroclor-1232	220	U
53469-21-9	Aroclor-1242	220	U
12672-29-6	Aroclor-1248	220	U
11097-69-1	Aroclor-1254	220	U
11096-82-5	Aroclor-1260	220	U

9
01-14-98

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

UPMT07

Lab Name: RECRA_LABNET_____ Contract: 1667_____

Lab Code: RECRA_____ Case No.: _____ SAS No.: _____ SDG No.: UPMT01

Matrix (soil/water): SOIL_____ Lab Sample ID: 9711L177-006

Level (low/med): LOW_____ Date Received: 11/06/97

% Solids: _____76.5

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	6840	—	—	P
7440-36-0	Antimony	225	—	—	P
7440-38-2	Arsenic	24.2	—	—	P
7440-39-3	Barium	1930	—	—	P
7440-41-7	Beryllium	0.39	B	—	P
7440-43-9	Cadmium	29.2	—	—	P
7440-70-2	Calcium	27200	—	—	P
7440-47-3	Chromium	121	—	—	P
7440-48-4	Cobalt	28.9	—	—	P
7440-50-8	Copper	2690	—	N*	P
7439-89-6	Iron	160000	—	—	P
7439-92-1	Lead	28000	—	N	P
7439-95-4	Magnesium	6090	—	—	P
7439-96-5	Manganese	1090	—	—	P
7439-97-6	Mercury	1.4	—	—	AV
7440-02-0	Nickel	123	—	—	P
7440-09-7	Potassium	1050	B	—	P
7782-49-2	Selenium	4.1	—	—	P
7440-22-4	Silver	147	—	—	P
7440-23-5	Sodium	269	B	—	P
7440-28-0	Thallium	3.3	—	—	P
7440-62-2	Vanadium	52.7	—	—	P
7440-66-6	Zinc	6510	—	—	P
5955-70-0	Cyanide	2.1	—	—	C

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

SH097-1105-UPMT-07

FORM I - IN

ILM04.0

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH097-1105-UPMT-08

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra Case No.: _____

SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-007

Sample wt/vol: 4.60 (g/mL) G

Lab File ID: c111312

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: not dec. 37

Date Analyzed: 11/13/97

GC Column: RTX624 ID: 0.32 (mm)

Dilution Factor: 1.09

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

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

74-87-3-----	Chloromethane	17	U
74-83-9-----	Bromomethane	17	U
75-01-4-----	Vinyl Chloride	17	U
75-00-3-----	Chloroethane	17	U
75-09-2-----	Methylene Chloride	44	B
67-64-1-----	Acetone	73	B
75-15-0-----	Carbon Disulfide	17	U
75-35-4-----	1,1-Dichloroethene	17	U
75-34-3-----	1,1-Dichloroethane	17	U
540-59-0-----	1,2-Dichloroethene (total)	17	U
67-66-3-----	Chloroform	17	U
107-06-2-----	1,2-Dichloroethane	17	U
78-93-3-----	2-Butanone	17	U
71-55-6-----	1,1,1-Trichloroethane	27	
56-23-5-----	Carbon Tetrachloride	17	U
75-27-4-----	Bromodichloromethane	17	U
78-87-5-----	1,2-Dichloropropane	17	U
10061-01-5-----	cis-1,3-Dichloropropene	17	U
79-01-6-----	Trichloroethene	17	U
124-48-1-----	Dibromochloromethane	17	U
79-00-5-----	1,1,2-Trichloroethane	17	U
71-43-2-----	Benzene	17	U
10061-02-6-----	Trans-1,3-Dichloropropene	17	U
75-25-2-----	Bromoform	17	U
108-10-1-----	4-Methyl-2-pentanone	17	U
591-78-6-----	2-Hexanone	17	U
127-18-4-----	Tetrachloroethene	5	J
79-34-5-----	1,1,2,2-Tetrachloroethane	17	U
108-88-3-----	Toluene	17	U
108-90-7-----	Chlorobenzene	17	U
100-41-4-----	Ethylbenzene	17	U
100-42-5-----	Styrene	17	U
1330-20-7-----	Xylene (total)	17	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Lab Name: Recra.LabNet

Contract: 01667600001

SH097-1105-UPMT-08

Lab Code: Recra Case No.: _____

SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-007

Sample wt/vol: 4.60 (g/mL) G

Lab File ID: c111312

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: not dec. 37

Date Analyzed: 11/13/97

GC Column: RTX624 ID: 0.32 (mm)

Dilution Factor: 1.09

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 2

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	19.202	80	J
2.	UNKNOWN	22.431	10	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH097-1105-UPMT-08

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-007

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: V121613

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: 37 decanted: (Y/N) _____

Date Extracted: 11/11/97

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 12/16/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y

pH: 8.3

CONCENTRATION UNITS:

CAS NO.

COMPOUND

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

Q

108-95-2-----	Phenol	530	U
111-44-4-----	bis(2-Chloroethyl) ether	530	U
95-57-8-----	2-Chlorophenol	530	U
541-73-1-----	1,3-Dichlorobenzene	530	U
106-46-7-----	1,4-Dichlorobenzene	530	U
95-50-1-----	1,2-Dichlorobenzene	530	U
95-48-7-----	2-Methylphenol	530	U
108-60-1-----	2,2'-oxybis(1-Chloropropane)	530	U
106-44-5-----	4-Methylphenol	530	U
621-64-7-----	N-Nitroso-di-n-propylamine	530	U
67-72-1-----	Hexachloroethane	530	U
98-95-3-----	Nitrobenzene	530	U
78-59-1-----	Isophorone	530	U
88-75-5-----	2-Nitrophenol	530	U
105-67-9-----	2,4-Dimethylphenol	530	U
111-91-1-----	bis(2-Chloroethoxy) methane	530	U
120-83-2-----	2,4-Dichlorophenol	530	U
120-82-1-----	1,2,4-Trichlorobenzene	530	U
91-20-3-----	Naphthalene	530	U
106-47-8-----	4-Chloroaniline	530	U
87-68-3-----	Hexachlorobutadiene	530	U
59-50-7-----	4-Chloro-3-methylphenol	530	U
91-57-6-----	2-Methylnaphthalene	530	U
77-47-4-----	Hexachlorocyclopentadiene	530	U
88-06-2-----	2,4,6-Trichlorophenol	530	U
95-95-4-----	2,4,5-Trichlorophenol	1300	U
91-58-7-----	2-Chloronaphthalene	530	U
88-74-4-----	2-Nitroaniline	1300	U
131-11-3-----	Dimethylphthalate	530	U
208-96-8-----	Acenaphthylene	530	U
606-20-2-----	2,6-Dinitrotoluene	530	U
99-09-2-----	3-Nitroaniline	1300	U
83-32-9-----	Acenaphthene	32	J

330

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH097-1105-UPMT-08

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-007

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: V121613

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: 37 decanted: (Y/N) _____

Date Extracted: 11/11/97

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 12/16/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y

pH: 8.3

CONCENTRATION UNITS:

CAS NO.

COMPOUND

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

Q

51-28-5-----	2,4-Dinitrophenol	1300	U
100-02-7-----	4-Nitrophenol	1300	U
132-64-9-----	Dibenzofuran	530	U
121-14-2-----	2,4-Dinitrotoluene	530	U
84-66-2-----	Diethylphthalate	530	U
7005-72-3-----	4-Chlorophenyl-phenylether	530	U
86-73-7-----	Fluorene	31	J
100-01-6-----	4-Nitroaniline	1300	U
534-52-1-----	4,6-Dinitro-2-methylphenol	1300	U
86-30-6-----	N-Nitrosodiphenylamine (1)	530	U
101-55-3-----	4-Bromophenyl-phenylether	530	U
118-74-1-----	Hexachlorobenzene	530	U
87-86-5-----	Pentachlorophenol	1300	U
85-01-8-----	Phenanthrene	490	J
120-12-7-----	Anthracene	120	J
86-74-8-----	Carbazole	62	J
84-74-2-----	Di-n-butylphthalate	28	J
206-44-0-----	Fluoranthene	1100	
129-00-0-----	Pyrene	1300	
85-68-7-----	Butylbenzylphthalate	530	U
91-94-1-----	3,3'-Dichlorobenzidine	530	U
56-55-3-----	Benzo(a)anthracene	640	
218-01-9-----	Chrysene	630	
117-81-7-----	bis(2-Ethylhexyl)phthalate	85	JB
117-84-0-----	Di-n-octyl phthalate	530	U
205-99-2-----	Benzo(b)fluoranthene	640	
207-08-9-----	Benzo(k)fluoranthene	570	
50-32-8-----	Benzo(a)pyrene	570	
193-39-5-----	Indeno(1,2,3-cd)pyrene	310	J
53-70-3-----	Dibenz(a,h)anthracene	92	J
191-24-2-----	Benzo(g,h,i)perylene	290	J

(1) - Cannot be separated from Diphenylamine

FORM 1 SV-2

RFW (v3) 381

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SH097-1105-UPMT-08

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-007

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: V121613

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: 37 decanted: (Y/N)

Date Extracted: 11/11/97

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 12/16/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y

pH: 8.3

CONCENTRATION UNITS:

Number TICs found: 17

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	5.68	200	J
2.	ALDOL CONDENSATE	6.58	200	JA
3.	UNKNOWN	6.68	400	J
4.	UNKNOWN	7.20	2000	JB
5.	ALDOL CONDENSATE	7.55	2000	JAB
6.	UNKNOWN	8.00	200	J
7.	ALDOL CONDENSATE	9.10	300	JA
8.	UNKNOWN	24.92	100	J
9.	UNKNOWN	25.07	900	J
10.	UNKNOWN	25.32	200	J
11.	UNKNOWN	26.78	300	J
12.	UNKNOWN	27.78	100	J
13.	UNKNOWN	27.92	200	J
14.	PAH	28.05	100	J
15.	UNKNOWN	29.20	500	J
16.	UNKNOWN	31.53	600	J
17.	PAH	33.72	500	J

1D
ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SH097-1105-UPMT-08

Lab Name: Recra.LabNet

Work Order: 01667-600-001-9999-00

Client: NYSDEC

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-007

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: 12029735.60

% Moisture: 37 decanted: (Y/N) N

Date Received: 11/06/97

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 11/13/97

Concentrated Extract Volume: 2000 (uL)

Date Analyzed: 12/05/97

Injection Volume: 0.5 (uL)

Dilution Factor: 2.00

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

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION	
		UNITS: <u>UG/KG</u>	<u>Q</u>
319-84-6-----	Alpha-BHC	5.3	U
319-85-7-----	Beta-BHC	5.3	U
319-86-8-----	Delta-BHC	5.3	U
58-89-9-----	gamma-BHC (Lindane)	5.3	U
76-44-8-----	Heptachlor	5.3	U
309-00-2-----	Aldrin	5.3	U
1024-57-3-----	Heptachlor epoxide	5.3	U
959-98-8-----	Endosulfan I	5.3	U
60-57-1-----	Dieldrin	11	U
72-55-9-----	4,4'-DDE	11	U
72-20-8-----	Endrin	11	U
33213-65-9-----	Endosulfan II	11	U
72-54-8-----	4,4'-DDD	11	U
1031-07-8-----	Endosulfan sulfate	11	U
50-29-3-----	4,4'-DDT	11	U
72-43-5-----	Methoxychlor	53	U
53494-70-5-----	Endrin ketone	11	U
7421-93-4-----	Endrin aldehyde	11	U
5103-71-9-----	alpha-Chlordane	5.3	U
5103-74-2-----	gamma-Chlordane	5.3	U
8001-35-2-----	Toxaphene	530	U
12674-11-2-----	Aroclor-1016	110	U
11104-28-2-----	Aroclor-1221	210	U
11141-16-5-----	Aroclor-1232	110	U
53469-21-9-----	Aroclor-1242	110	U
12672-29-6-----	Aroclor-1248	110	U
11097-69-1-----	Aroclor-1254	110	U
11096-82-5-----	Aroclor-1260	110	U

Handwritten: JV 01-14-98

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

UPMT08

Lab Name: RECRA_LABNET_____ Contract: 1667_____

Lab Code: RECRA_____ Case No.: _____ SAS No.: _____ SDG No.: UPMT01

Matrix (soil/water): SOIL_____ Lab Sample ID: 9711L177-007

Level (low/med): LOW_____ Date Received: 11/06/97

% Solids: _____63.1

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	668	—	—	P
7440-36-0	Antimony	18.5	—	—	P
7440-38-2	Arsenic	2.0	B	—	P
7440-39-3	Barium	125	—	—	P
7440-41-7	Beryllium	0.20	B	—	P
7440-43-9	Cadmium	0.35	B	—	P
7440-70-2	Calcium	3800	—	—	P
7440-47-3	Chromium	4.5	—	—	P
7440-48-4	Cobalt	1.1	B	—	P
7440-50-8	Copper	96.0	—	N*	P
7439-89-6	Iron	2130	—	—	P
7439-92-1	Lead	643	—	N	P
7439-95-4	Magnesium	1360	—	—	P
7439-96-5	Manganese	46.1	—	—	P
7439-97-6	Mercury	0.08	U	—	AV
7440-02-0	Nickel	7.4	B	—	P
7440-09-7	Potassium	1240	B	—	P
7782-49-2	Selenium	1.1	U	—	P
7440-22-4	Silver	0.48	B	—	P
7440-23-5	Sodium	3220	—	—	P
7440-28-0	Thallium	1.2	U	—	P
7440-62-2	Vanadium	2.0	B	—	P
7440-66-6	Zinc	253	—	—	P
5955-70-0	Cyanide	0.40	U	—	C

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

SH097-1105-UPMT-08

FORM I - IN

ILM04.0

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH097-1105-UPMT-09

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-008

Sample wt/vol: 5.10 (g/mL) G

Lab File ID: c111313

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: not dec. 26

Date Analyzed: 11/13/97

GC Column: RTX624 ID: 0.32 (mm)

Dilution Factor: 0.980

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

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

74-87-3-----	Chloromethane	13	U
74-83-9-----	Bromomethane	13	U
75-01-4-----	Vinyl Chloride	13	U
75-00-3-----	Chloroethane	13	U
75-09-2-----	Methylene Chloride	21	B
67-64-1-----	Acetone	13	JB
75-15-0-----	Carbon Disulfide	13	U
75-35-4-----	1,1-Dichloroethene	13	U
75-34-3-----	1,1-Dichloroethane	13	U
540-59-0-----	1,2-Dichloroethene (total)	13	U
67-66-3-----	Chloroform	13	U
107-06-2-----	1,2-Dichloroethane	13	U
78-93-3-----	2-Butanone	13	U
71-55-6-----	1,1,1-Trichloroethane	7	J
56-23-5-----	Carbon Tetrachloride	13	U
75-27-4-----	Bromodichloromethane	13	U
78-87-5-----	1,2-Dichloropropane	13	U
10061-01-5-----	cis-1,3-Dichloropropene	13	U
79-01-6-----	Trichloroethene	13	U
124-48-1-----	Dibromochloromethane	13	U
79-00-5-----	1,1,2-Trichloroethane	13	U
71-43-2-----	Benzene	13	U
10061-02-6-----	Trans-1,3-Dichloropropene	13	U
75-25-2-----	Bromoform	13	U
108-10-1-----	4-Methyl-2-pentanone	13	U
591-78-6-----	2-Hexanone	13	U
127-18-4-----	Tetrachloroethene	13	U
79-34-5-----	1,1,2,2-Tetrachloroethane	13	U
108-88-3-----	Toluene	13	U
108-90-7-----	Chlorobenzene	13	U
100-41-4-----	Ethylbenzene	13	U
100-42-5-----	Styrene	13	U
1330-20-7-----	Xylene (total)	13	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Lab Name: Recra.LabNet

Contract: 01667600001

SH097-1105-UPMT-09

Lab Code: Recra Case No.: _____

SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-008

Sample wt/vol: 5.10 (g/mL) G

Lab File ID: c111313

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: not dec. 26

Date Analyzed: 11/13/97

GC Column: RTX624 ID: 0.32 (mm)

Dilution Factor: 0.980

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	5.427	7	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH097-1105-UPMT-09

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-008

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: A122112

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: 26 decanted: (Y/N) _____

Date Extracted: 11/11/97

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 12/21/97

Injection Volume: 2.0 (uL)

Dilution Factor: 4.00

GPC Cleanup: (Y/N) Y

pH: 8.4

CONCENTRATION UNITS:

CAS NO.

COMPOUND

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

Q

108-95-2-----	Phenol	1800	U
111-44-4-----	bis(2-Chloroethyl) ether	1800	U
95-57-8-----	2-Chlorophenol	1800	U
541-73-1-----	1,3-Dichlorobenzene	1800	U
106-46-7-----	1,4-Dichlorobenzene	1800	U
95-50-1-----	1,2-Dichlorobenzene	1800	U
95-48-7-----	2-Methylphenol	1800	U
108-60-1-----	2,2'-oxybis(1-Chloropropane)	1800	U
106-44-5-----	4-Methylphenol	1800	U
621-64-7-----	N-Nitroso-di-n-propylamine	1800	U
67-72-1-----	Hexachloroethane	1800	U
98-95-3-----	Nitrobenzene	1800	U
78-59-1-----	Isophorone	1800	U
88-75-5-----	2-Nitrophenol	1800	U
105-67-9-----	2,4-Dimethylphenol	1800	U
111-91-1-----	bis(2-Chloroethoxy) methane	1800	U
120-83-2-----	2,4-Dichlorophenol	1800	U
120-82-1-----	1,2,4-Trichlorobenzene	1800	U
91-20-3-----	Naphthalene	160	J
106-47-8-----	4-Chloroaniline	1800	U
87-68-3-----	Hexachlorobutadiene	1800	U
59-50-7-----	4-Chloro-3-methylphenol	1800	U
91-57-6-----	2-Methylnaphthalene	1800	U
77-47-4-----	Hexachlorocyclopentadiene	1800	U
88-06-2-----	2,4,6-Trichlorophenol	1800	U
95-95-4-----	2,4,5-Trichlorophenol	4500	U
91-58-7-----	2-Chloronaphthalene	1800	U
88-74-4-----	2-Nitroaniline	4500	U
131-11-3-----	Dimethylphthalate	1800	U
208-96-8-----	Acenaphthylene	520	J
606-20-2-----	2,6-Dinitrotoluene	1800	U
99-09-2-----	3-Nitroaniline	4500	U
83-32-9-----	Acenaphthene	100	J

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH097-1105-UPMT-09

Lab Name: Recra.LabNet Contract: 01667600001

Lab Code: Recra Case No.: _____

SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-008

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: A122112

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: 26 decanted: (Y/N) _____

Date Extracted: 11/11/97

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 12/21/97

Injection Volume: 2.0 (uL)

Dilution Factor: 4.00

GPC Cleanup: (Y/N) Y pH: 8.4

CONCENTRATION UNITS:

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

51-28-5-----	2,4-Dinitrophenol	4500	U
100-02-7-----	4-Nitrophenol	4500	U
132-64-9-----	Dibenzofuran	96	J
121-14-2-----	2,4-Dinitrotoluene	1800	U
84-66-2-----	Diethylphthalate	1800	U
7005-72-3-----	4-Chlorophenyl-phenylether	1800	U
86-73-7-----	Fluorene	140	J
100-01-6-----	4-Nitroaniline	4500	U
534-52-1-----	4,6-Dinitro-2-methylphenol	4500	U
86-30-6-----	N-Nitrosodiphenylamine (1)	1800	U
101-55-3-----	4-Bromophenyl-phenylether	1800	U
118-74-1-----	Hexachlorobenzene	1800	U
87-86-5-----	Pentachlorophenol	4500	U
85-01-8-----	Phenanthrene	3000	
120-12-7-----	Anthracene	930	J
86-74-8-----	Carbazole	330	J
84-74-2-----	Di-n-butylphthalate	280	J
206-44-0-----	Fluoranthene	6300	
129-00-0-----	Pyrene	6200	
85-68-7-----	Butylbenzylphthalate	1800	U
91-94-1-----	3,3'-Dichlorobenzidine	1800	U
56-55-3-----	Benzo (a) anthracene	4600	
218-01-9-----	Chrysene	4900	
117-81-7-----	bis (2-Ethylhexyl) phthalate	1800	U
117-84-0-----	Di-n-octyl phthalate	1800	U
205-99-2-----	Benzo (b) fluoranthene	4500	
207-08-9-----	Benzo (k) fluoranthene	4700	
50-32-8-----	Benzo (a) pyrene	5100	
193-39-5-----	Indeno (1,2,3-cd) pyrene	2900	
53-70-3-----	Dibenz (a,h) anthracene	960	J
191-24-2-----	Benzo (g,h,i) perylene	2900	

(1) - Cannot be separated from Diphenylamine

FORM 1 SV-2

RFW (v3.3)

425

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SH097-1105-UPMT-09

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-008

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: A122112

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: 26 decanted: (Y/N) __

Date Extracted: 11/11/97

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 12/21/97

Injection Volume: 2.0 (uL)

Dilution Factor: 4.00

GPC Cleanup: (Y/N) Y

pH: 8.4

CONCENTRATION UNITS:

Number TICs found: 33

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	7.82	600	J
2.	UNKNOWN	8.02	800	JB
3.	ALDOL CONDENSATE	8.38	700	JAB
4.	UNKNOWN	21.36	800	J
5.	PAH	21.52	500	J
6.	UNKNOWN	21.55	700	J
7.	UNKNOWN	21.85	400	J
8.	UNKNOWN	22.37	400	J
9.	BENZONAPHTHOFURAN	22.78	600	J
10.	BENZONAPHTHOFURAN	23.00	500	J
11.	UNKNOWN	23.12	500	J
12.	UNKNOWN	23.19	600	J
13.	UNKNOWN	23.26	400	J
14.	PAH	23.39	1000	J
15.	PAH	23.50	500	J
16.	PAH	23.61	500	J
17.	PAH	23.80	600	J
18.	PAH	23.86	400	J
19.	UNKNOWN	24.46	800	J
20.	BRNZONAPHTHOTHIOPHENE	24.71	1000	J
21.	UNKNOWN	24.78	500	J
22.	PAH	24.87	1000	J
23.	UNKNOWN	24.94	1000	J
24.	UNKNOWN	25.70	500	J
25.	UNKNOWN	25.81	900	J
26.	UNKNOWN	25.98	500	J
27.	PAH	26.48	900	J
28.	PAH	26.64	400	J
29.	UNKNOWN	27.00	400	J
30.	PAH	28.41	400	J

426

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SH097-1105-UPMT-09

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-008

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: A122112

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: 26 decanted: (Y/N) _____

Date Extracted: 11/11/97

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 12/21/97

Injection Volume: 2.0 (uL)

Dilution Factor: 4.00

GPC Cleanup: (Y/N) Y

pH: 8.4

CONCENTRATION UNITS:

Number TICs found: 33

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
31.	PAH	29.52	1000	J
32.	PAH	30.34	4000	J
33.	PAH	31.01	400	J

FORM 1 SV-TIC

3/90

1D
ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SH097-1105-UPMT-09

Lab Name: Recra.LabNet

Work Order: 01667-600-001-9999-00

Client: NYSDEC

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-008

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: 12029735.61

% Moisture: 26 decanted: (Y/N) N

Date Received: 11/06/97

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 11/13/97

Concentrated Extract Volume: 2000 (uL)

Date Analyzed: 12/05/97

Injection Volume: 0.5 (uL)

Dilution Factor: 5.00

GPC Cleanup: (Y/N) Y pH: 8.4

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: <u>UG/KG</u>	Q
319-84-6	-----Alpha-BHC	11	U
319-85-7	-----Beta-BHC	11	U
319-86-8	-----Delta-BHC	11	U
58-89-9	-----gamma-BHC (Lindane)	11	U
76-44-8	-----Heptachlor	11	U
309-00-2	-----Aldrin	11	U
1024-57-3	-----Heptachlor epoxide	11	U
959-98-8	-----Endosulfan I	11	U
60-57-1	-----Dieldrin	22	U
72-55-9	-----4,4'-DDE	22	U
72-20-8	-----Endrin	22	U
33213-65-9	-----Endosulfan II	22	U
72-54-8	-----4,4'-DDD	22	U
1031-07-8	-----Endosulfan sulfate	22	U
50-29-3	-----4,4'-DDT	22	U
72-43-5	-----Methoxychlor	110	U
53494-70-5	-----Endrin ketone	22	U
7421-93-4	-----Endrin aldehyde	22	U
5103-71-9	-----alpha-Chlordane	11	U
5103-74-2	-----gamma-Chlordane	11	U
8001-35-2	-----Toxaphene	1100	U
12674-11-2	-----Aroclor-1016	220	U
11104-28-2	-----Aroclor-1221	450	U
11141-16-5	-----Aroclor-1232	220	U
53469-21-9	-----Aroclor-1242	220	U
12672-29-6	-----Aroclor-1248	220	U
11097-69-1	-----Aroclor-1254	220	U
11096-82-5	-----Aroclor-1260	350	U

W
01-14-98

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET.

EPA SAMPLE NO.

UPMT09

Lab Name: RECRA_LABNET_____ Contract: 1667_____

Lab Code: RECRA_____ Case No.: _____ SAS No.: _____ SDG No.: UPMT01

Matrix (soil/water): SOIL_____ Lab Sample ID: 9711L177-008

Level (low/med): LOW_____ Date Received: 11/06/97

% Solids: _____74.2

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	8380			P
7440-36-0	Antimony	40.1			P
7440-38-2	Arsenic	26.5			P
7440-39-3	Barium	1160			P
7440-41-7	Beryllium	0.42	B		P
7440-43-9	Cadmium	8.3			P
7440-70-2	Calcium	43000			P
7440-47-3	Chromium	132			P
7440-48-4	Cobalt	18.9			P
7440-50-8	Copper	1290		N*	P
7439-89-6	Iron	80300			P
7439-92-1	Lead	7310		N	P
7439-95-4	Magnesium	4960			P
7439-96-5	Manganese	893			P
7439-97-6	Mercury	1.8			AV
7440-02-0	Nickel	111			P
7440-09-7	Potassium	2250			P
7782-49-2	Selenium	3.0			P
7440-22-4	Silver	9.1			P
7440-23-5	Sodium	947	B		P
7440-28-0	Thallium	1.6	B		P
7440-62-2	Vanadium	28.3			P
7440-66-6	Zinc	3340			P
5955-70-0	Cyanide	2.9			C

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

SH097-1105-UPMT-09

FORM I - IN

ILM04.0

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH097-1105-UPMT-10

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra Case No.: _____

SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-009

Sample wt/vol: 4.90 (g/mL) G

Lab File ID: c111412

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: not dec. 27

Date Analyzed: 11/14/97

GC Column: RTX624 ID: 0.32 (mm)

Dilution Factor: 1.02

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

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

74-87-3-----	Chloromethane	14	U
74-83-9-----	Bromomethane	14	U
75-01-4-----	Vinyl Chloride	14	U
75-00-3-----	Chloroethane	14	U
75-09-2-----	Methylene Chloride	34	B
67-64-1-----	Acetone	13	JB
75-15-0-----	Carbon Disulfide	14	U
75-35-4-----	1,1-Dichloroethene	14	U
75-34-3-----	1,1-Dichloroethane	14	U
540-59-0-----	1,2-Dichloroethene (total)	14	U
67-66-3-----	Chloroform	14	U
107-06-2-----	1,2-Dichloroethane	14	U
78-93-3-----	2-Butanone	14	U
71-55-6-----	1,1,1-Trichloroethane	11	J
56-23-5-----	Carbon Tetrachloride	14	U
75-27-4-----	Bromodichloromethane	14	U
78-87-5-----	1,2-Dichloropropane	14	U
10061-01-5-----	cis-1,3-Dichloropropene	14	U
79-01-6-----	Trichloroethene	12	J
124-48-1-----	Dibromochloromethane	14	U
79-00-5-----	1,1,2-Trichloroethane	14	U
71-43-2-----	Benzene	14	U
10061-02-6-----	Trans-1,3-Dichloropropene	14	U
75-25-2-----	Bromoform	14	U
108-10-1-----	4-Methyl-2-pentanone	14	U
591-78-6-----	2-Hexanone	14	U
127-18-4-----	Tetrachloroethene	36	
79-34-5-----	1,1,2,2-Tetrachloroethane	14	U
108-88-3-----	Toluene	14	U
108-90-7-----	Chlorobenzene	14	U
100-41-4-----	Ethylbenzene	14	U
100-42-5-----	Styrene	14	U
1330-20-7-----	Xylene (total)	14	U

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SH097-1105-UPMT-10

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-009

Sample wt/vol: 4.90 (g/mL) G

Lab File ID: c111412

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: not dec. 27

Date Analyzed: 11/14/97

GC Column: RTX624 ID: 0.32 (mm)

Dilution Factor: 1.02

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1.				

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH097-1105-UPMT-10

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-009

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: V121805

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: 27 decanted: (Y/N) _____

Date Extracted: 11/11/97

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 12/18/97

Injection Volume: 2.0 (uL)

Dilution Factor: 5.00

GPC Cleanup: (Y/N) Y

pH: 8.2

CONCENTRATION UNITS:

CAS NO.

COMPOUND

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

Q

108-95-2-----	Phenol	2300	U
111-44-4-----	bis(2-Chloroethyl) ether	2300	U
95-57-8-----	2-Chlorophenol	2300	U
541-73-1-----	1,3-Dichlorobenzene	2300	U
106-46-7-----	1,4-Dichlorobenzene	2300	U
95-50-1-----	1,2-Dichlorobenzene	2300	U
95-48-7-----	2-Methylphenol	2300	U
108-60-1-----	2,2'-oxybis(1-Chloropropane)	2300	U
106-44-5-----	4-Methylphenol	2300	U
621-64-7-----	N-Nitroso-di-n-propylamine	2300	U
67-72-1-----	Hexachloroethane	2300	U
98-95-3-----	Nitrobenzene	2300	U
78-59-1-----	Isophorone	2300	U
88-75-5-----	2-Nitrophenol	2300	U
105-67-9-----	2,4-Dimethylphenol	2300	U
111-91-1-----	bis(2-Chloroethoxy) methane	2300	U
120-83-2-----	2,4-Dichlorophenol	2300	U
120-82-1-----	1,2,4-Trichlorobenzene	2300	U
91-20-3-----	Naphthalene	2300	U
106-47-8-----	4-Chloroaniline	2300	U
87-68-3-----	Hexachlorobutadiene	2300	U
59-50-7-----	4-Chloro-3-methylphenol	2300	U
91-57-6-----	2-Methylnaphthalene	2300	U
77-47-4-----	Hexachlorocyclopentadiene	2300	U
88-06-2-----	2,4,6-Trichlorophenol	2300	U
95-95-4-----	2,4,5-Trichlorophenol	5700	U
91-58-7-----	2-Chloronaphthalene	2300	U
88-74-4-----	2-Nitroaniline	5700	U
131-11-3-----	Dimethylphthalate	2300	U
208-96-8-----	Acenaphthylene	2300	U
606-20-2-----	2,6-Dinitrotoluene	2300	U
99-09-2-----	3-Nitroaniline	5700	U
83-32-9-----	Acenaphthene	2300	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH097-1105-UPMT-10

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-009

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: V121805

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: 27 decanted: (Y/N) _____

Date Extracted: 11/11/97

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 12/18/97

Injection Volume: 2.0 (uL)

Dilution Factor: 5.00

GPC Cleanup: (Y/N) Y

pH: 8.2

CONCENTRATION UNITS:

CAS NO.

COMPOUND

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

Q

51-28-5-----	2,4-Dinitrophenol	5700	U
100-02-7-----	4-Nitrophenol	5700	U
132-64-9-----	Dibenzofuran	2300	U
121-14-2-----	2,4-Dinitrotoluene	2300	U
84-66-2-----	Diethylphthalate	2300	U
7005-72-3-----	4-Chlorophenyl-phenylether	2300	U
86-73-7-----	Fluorene	2300	U
100-01-6-----	4-Nitroaniline	5700	U
534-52-1-----	4,6-Dinitro-2-methylphenol	5700	U
86-30-6-----	N-Nitrosodiphenylamine (1)	2300	U
101-55-3-----	4-Bromophenyl-phenylether	2300	U
118-74-1-----	Hexachlorobenzene	2300	U
87-86-5-----	Pentachlorophenol	5700	U
85-01-8-----	Phenanthrene	2300	U
120-12-7-----	Anthracene	2300	U
86-74-8-----	Carbazole	2300	U
84-74-2-----	Di-n-butylphthalate	2300	U
206-44-0-----	Fluoranthene	2300	U
129-00-0-----	Pyrene	2300	U
85-68-7-----	Butylbenzylphthalate	2300	U
91-94-1-----	3,3'-Dichlorobenzidine	2300	U
56-55-3-----	Benzo (a) anthracene	2300	U
218-01-9-----	Chrysene	120	J
117-81-7-----	bis (2-Ethylhexyl) phthalate	200	JB
117-84-0-----	Di-n-octyl phthalate	2300	U
205-99-2-----	Benzo (b) fluoranthene	2300	U
207-08-9-----	Benzo (k) fluoranthene	2300	U
50-32-8-----	Benzo (a) pyrene	2300	U
193-39-5-----	Indeno (1,2,3-cd) pyrene	2300	U
53-70-3-----	Dibenz (a,h) anthracene	2300	U
191-24-2-----	Benzo (g,h,i) perylene	2300	U

(1) - Cannot be separated from Diphenylamine

FORM 1 SV-2

RFW (v3.3)

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SH097-1105-UPMT-10

Lab Name: Recra.LabNetContract: 01667600001Lab Code: Recra

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOILLab Sample ID: 9711L177-009Sample wt/vol: 30.0 (g/mL) GLab File ID: V121805Level: (low/med) LOWDate Received: 11/06/97% Moisture: 27 decanted: (Y/N) __Date Extracted: 11/11/97Concentrated Extract Volume: 500 (uL)Date Analyzed: 12/18/97Injection Volume: 2.0 (uL)Dilution Factor: 5.00GPC Cleanup: (Y/N) YpH: 8.2

CONCENTRATION UNITS:

Number TICs found: 12(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	7.18	600	JB
2.	ALDOL CONDENSATE	7.57	700	JAB
3.	UNKNOWN	26.97	700	J
4.	DDT	28.87	900	J
5.	ALKANE	29.30	500	J
6.	ALKANE	30.75	700	J
7.	ALKANE	32.53	2000	J
8.	ALKANE	34.95	1000	J
9.	UNKNOWN	36.40	800	J
10.	UNKNOWN	36.50	800	J
11.	UNKNOWN	37.80	1000	J
12.	UNKNOWN	38.22	600	J

1D
ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SH097-1105-UPMT-10

Lab Name: Recra.LabNet

Work Order: 01667-600-001-9999-00

Client: NYSDEC

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-009

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: 12029735.62

% Moisture: 27 decanted: (Y/N) N

Date Received: 11/06/97

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 11/13/97

Concentrated Extract Volume: 2000 (uL)

Date Analyzed: 12/05/97

Injection Volume: 0.5 (uL)

Dilution Factor: 2.00

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

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: <u>UG/KG</u>	Q
319-84-6	Alpha-BHC	4.5	U
319-85-7	Beta-BHC	4.5	U
319-86-8	Delta-BHC	4.5	U
58-89-9	gamma-BHC (Lindane)	4.5	U
76-44-8	Heptachlor	4.5	U
309-00-2	Aldrin	4.5	U
1024-57-3	Heptachlor epoxide	4.5	U
959-98-8	Endosulfan I	4.5	U
60-57-1	Dieldrin	9.1	U
72-55-9	4,4'-DDE	14	P
72-20-8	Endrin	9.1	U
33213-65-9	Endosulfan II	9.1	U
72-54-8	4,4'-DDD	9.1	U
1031-07-8	Endosulfan sulfate	9.1	U
50-29-3	4,4'-DDT	54	P
72-43-5	Methoxychlor	45	U
53494-70-5	Endrin ketone	9.1	U
7421-93-4	Endrin aldehyde	9.1	U
5103-71-9	alpha-Chlordane	4.5	U
5103-74-2	gamma-Chlordane	4.5	U
8001-35-2	Toxaphene	450	U
12674-11-2	Aroclor-1016	91	U
11104-28-2	Aroclor-1221	180	U
11141-16-5	Aroclor-1232	91	U
53469-21-9	Aroclor-1242	91	U
12672-29-6	Aroclor-1248	91	U
11097-69-1	Aroclor-1254	690	U
11096-82-5	Aroclor-1260	91	U

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

UPMT10

Lab Name: RECRA_LABNET_____ Contract: 1667_____

Lab Code: RECRA_____ Case No.: _____ SAS No.: _____ SDG No.: UPMT01

Matrix (soil/water): SOIL_____ Lab Sample ID: 9711L177-009

Level (low/med): LOW_____ Date Received: 11/06/97

% Solids: _____73.3

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	7120	—	—	P
7440-36-0	Antimony	80.3	—	—	P
7440-38-2	Arsenic	29.9	—	—	P
7440-39-3	Barium	1800	—	—	P
7440-41-7	Beryllium	0.62	B	—	P
7440-43-9	Cadmium	15.7	—	—	P
7440-70-2	Calcium	29000	—	—	P
7440-47-3	Chromium	138	—	—	P
7440-48-4	Cobalt	24.1	—	—	P
7440-50-8	Copper	5930	—	N*	P
7439-89-6	Iron	114000	—	—	P
7439-92-1	Lead	3990	—	N	P
7439-95-4	Magnesium	5720	—	—	P
7439-96-5	Manganese	1090	—	—	P
7439-97-6	Mercury	19.3	—	—	AV
7440-02-0	Nickel	148	—	—	P
7440-09-7	Potassium	1460	—	—	P
7782-49-2	Selenium	2.2	—	—	P
7440-22-4	Silver	10.3	—	—	P
7440-23-5	Sodium	340	B	—	P
7440-28-0	Thallium	1.9	B	—	P
7440-62-2	Vanadium	33.3	—	—	P
7440-66-6	Zinc	3700	—	—	P
5955-70-0	Cyanide	2.8	—	—	C

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

SH097-1105-UPMT-10

FORM I - IN

ILM04.0

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH097-1105-UPMT-11

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-010

Sample wt/vol: 4.70 (g/mL) G

Lab File ID: c111411

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: not dec. 12

Date Analyzed: 11/14/97

GC Column: RTX624 ID: 0.32 (mm)

Dilution Factor: 1.06

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

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

74-87-3-----	Chloromethane	12	U
74-83-9-----	Bromomethane	12	U
75-01-4-----	Vinyl Chloride	12	U
75-00-3-----	Chloroethane	12	U
75-09-2-----	Methylene Chloride	26	B
67-64-1-----	Acetone	12	U
75-15-0-----	Carbon Disulfide	12	U
75-35-4-----	1,1-Dichloroethene	12	U
75-34-3-----	1,1-Dichloroethane	12	U
540-59-0-----	1,2-Dichloroethene (total)	12	U
67-66-3-----	Chloroform	12	U
107-06-2-----	1,2-Dichloroethane	12	U
78-93-3-----	2-Butanone	12	U
71-55-6-----	1,1,1-Trichloroethane	22	
56-23-5-----	Carbon Tetrachloride	12	U
75-27-4-----	Bromodichloromethane	12	U
78-87-5-----	1,2-Dichloropropane	12	U
10061-01-5-----	cis-1,3-Dichloropropene	12	U
79-01-6-----	Trichloroethene	5	J
124-48-1-----	Dibromochloromethane	12	U
79-00-5-----	1,1,2-Trichloroethane	12	U
71-43-2-----	Benzene	12	U
10061-02-6-----	Trans-1,3-Dichloropropene	12	U
75-25-2-----	Bromoform	12	U
108-10-1-----	4-Methyl-2-pentanone	12	U
591-78-6-----	2-Hexanone	12	U
127-18-4-----	Tetrachloroethene	4	J
79-34-5-----	1,1,2,2-Tetrachloroethane	12	U
108-88-3-----	Toluene	12	U
108-90-7-----	Chlorobenzene	12	U
100-41-4-----	Ethylbenzene	12	U
100-42-5-----	Styrene	12	U
1330-20-7-----	Xylene (total)	12	U

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SH097-1105-UPMT-11

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-010

Sample wt/vol: 4.70 (g/mL) G

Lab File ID: c111411

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: not dec. 12

Date Analyzed: 11/14/97

GC Column: RTX624 ID: 0.32 (mm)

Dilution Factor: 1.06

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH097-1105-UPMT-11

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-010

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: A122113

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: 12 decanted: (Y/N) _____

Date Extracted: 11/11/97

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 12/21/97

Injection Volume: 2.0 (uL)

Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y

pH: 7.8

CONCENTRATION UNITS:

CAS NO.

COMPOUND

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

Q

108-95-2-----	Phenol	3800	U
111-44-4-----	bis(2-Chloroethyl) ether	3800	U
95-57-8-----	2-Chlorophenol	3800	U
541-73-1-----	1,3-Dichlorobenzene	3800	U
106-46-7-----	1,4-Dichlorobenzene	3800	U
95-50-1-----	1,2-Dichlorobenzene	3800	U
95-48-7-----	2-Methylphenol	3800	U
108-60-1-----	2,2'-oxybis(1-Chloropropane)	3800	U
106-44-5-----	4-Methylphenol	3800	U
621-64-7-----	N-Nitroso-di-n-propylamine	3800	U
67-72-1-----	Hexachloroethane	3800	U
98-95-3-----	Nitrobenzene	3800	U
78-59-1-----	Isophorone	3800	U
88-75-5-----	2-Nitrophenol	3800	U
105-67-9-----	2,4-Dimethylphenol	3800	U
111-91-1-----	bis(2-Chloroethoxy) methane	3800	U
120-83-2-----	2,4-Dichlorophenol	3800	U
120-82-1-----	1,2,4-Trichlorobenzene	3800	U
91-20-3-----	Naphthalene	3800	U
106-47-8-----	4-Chloroaniline	3800	U
87-68-3-----	Hexachlorobutadiene	3800	U
59-50-7-----	4-Chloro-3-methylphenol	3800	U
91-57-6-----	2-Methylnaphthalene	3800	U
77-47-4-----	Hexachlorocyclopentadiene	3800	U
88-06-2-----	2,4,6-Trichlorophenol	3800	U
95-95-4-----	2,4,5-Trichlorophenol	9500	U
91-58-7-----	2-Chloronaphthalene	3800	U
88-74-4-----	2-Nitroaniline	9500	U
131-11-3-----	Dimethylphthalate	3800	U
208-96-8-----	Acenaphthylene	3800	U
606-20-2-----	2,6-Dinitrotoluene	3800	U
99-09-2-----	3-Nitroaniline	9500	U
83-32-9-----	Acenaphthene	3800	U

513

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH097-1105-UPMT-11

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra Case No.: _____

SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-010

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: A122113

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: 12 decanted: (Y/N) _____

Date Extracted: 11/11/97

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 12/21/97

Injection Volume: 2.0 (uL)

Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y

pH: 7.8

CONCENTRATION UNITS:

CAS NO.

COMPOUND

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

Q

51-28-5-----	2,4-Dinitrophenol	9500	U
100-02-7-----	4-Nitrophenol	9500	U
132-64-9-----	Dibenzofuran	3800	U
121-14-2-----	2,4-Dinitrotoluene	3800	U
84-66-2-----	Diethylphthalate	3800	U
7005-72-3-----	4-Chlorophenyl-phenylether	3800	U
86-73-7-----	Fluorene	3800	U
100-01-6-----	4-Nitroaniline	9500	U
534-52-1-----	4,6-Dinitro-2-methylphenol	9500	U
86-30-6-----	N-Nitrosodiphenylamine (1)	3800	U
101-55-3-----	4-Bromophenyl-phenylether	3800	U
118-74-1-----	Hexachlorobenzene	3800	U
87-86-5-----	Pentachlorophenol	9500	U
85-01-8-----	Phenanthrene	3800	U
120-12-7-----	Anthracene	3800	U
86-74-8-----	Carbazole	3800	U
84-74-2-----	Di-n-butylphthalate	3800	U
206-44-0-----	Fluoranthene	3800	U
129-00-0-----	Pyrene	3800	U
85-68-7-----	Butylbenzylphthalate	3800	U
91-94-1-----	3,3'-Dichlorobenzidine	3800	U
56-55-3-----	Benzo(a)anthracene	3800	U
218-01-9-----	Chrysene	220	J
117-81-7-----	bis(2-Ethylhexyl)phthalate	1100	JB
117-84-0-----	Di-n-octyl phthalate	3800	U
205-99-2-----	Benzo(b)fluoranthene	3800	U
207-08-9-----	Benzo(k)fluoranthene	3800	U
50-32-8-----	Benzo(a)pyrene	3800	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	3800	U
53-70-3-----	Dibenz(a,h)anthracene	3800	U
191-24-2-----	Benzo(g,h,i)perylene	3800	U

(1) - Cannot be separated from Diphenylamine

FORM 1 SV-2

RFW (v3.35) 514

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SH097-1105-UPMT-11

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra Case No.: _____

SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-010

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: A122113

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: 12 decanted: (Y/N) _____

Date Extracted: 11/11/97

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 12/21/97

Injection Volume: 2.0 (uL)

Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y

pH: 7.8

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

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1.	UNKNOWN	28.67	1000	J

1D
ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SH097-1105-UPMT-11

Lab Name: Recra.LabNet

Work Order: 01667-600-001-9999-00

Client: NYSDEC

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-010

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: 12069735.25

% Moisture: 12 decanted: (Y/N) N

Date Received: 11/06/97

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 11/13/97

Concentrated Extract Volume: 2000 (uL)

Date Analyzed: 12/07/97

Injection Volume: 0.5 (uL)

Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 7.8

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: <u>UG/KG</u>	Q
319-84-6	Alpha-BHC	19	U
319-85-7	Beta-BHC	19	U
319-86-8	Delta-BHC	19	U
58-89-9	gamma-BHC (Lindane)	19	U
76-44-8	Heptachlor	19	U
309-00-2	Aldrin	19	U
1024-57-3	Heptachlor epoxide	19	U
959-98-8	Endosulfan I	19	U
60-57-1	Dieldrin	38	U
72-55-9	4,4'-DDE	38	U
72-20-8	Endrin	38	U
33213-65-9	Endosulfan II	38	U
72-54-8	4,4'-DDD	38	U
1031-07-8	Endosulfan sulfate	38	U
50-29-3	4,4'-DDT	38	U
72-43-5	Methoxychlor	190	U
53494-70-5	Endrin ketone	38	U
7421-93-4	Endrin aldehyde	38	U
5103-71-9	alpha-Chlordane	19	U
5103-74-2	gamma-Chlordane	19	U
8001-35-2	Toxaphene	1900	U
12674-11-2	Aroclor-1016	380	U
11104-28-2	Aroclor-1221	760	U
11141-16-5	Aroclor-1232	380	U
53469-21-9	Aroclor-1242	380	U
12672-29-6	Aroclor-1248	380	U
11097-69-1	Aroclor-1254	380	U
11096-82-5	Aroclor-1260	380	U

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

UPMT11

Lab Name: RECRA_LABNET_____ Contract: 1667_____

Lab Code: RECRA_____ Case No.: _____ SAS No.: _____ SDG No.: UPMT01

Matrix (soil/water): SOIL_____ Lab Sample ID: 9711L177-010

Level (low/med): LOW_____ Date Received: 11/06/97

% Solids: _____87.5

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3860	-		P
7440-36-0	Antimony	0.75	B		P
7440-38-2	Arsenic	6.7	-		P
7440-39-3	Barium	127	-		P
7440-41-7	Beryllium	0.29	B		P
7440-43-9	Cadmium	7.7	-		P
7440-70-2	Calcium	3850	-		P
7440-47-3	Chromium	56.8	-		P
7440-48-4	Cobalt	5.4	B		P
7440-50-8	Copper	26800	-	N*	P
7439-89-6	Iron	17700	-		P
7439-92-1	Lead	1030	-	N	P
7439-95-4	Magnesium	2020	-		P
7439-96-5	Manganese	173	-		P
7439-97-6	Mercury	0.05	U		AV
7440-02-0	Nickel	348	-		P
7440-09-7	Potassium	331	B		P
7782-49-2	Selenium	1.4	-		P
7440-22-4	Silver	11.8	-		P
7440-23-5	Sodium	89.2	B		P
7440-28-0	Thallium	1.4	B		P
7440-62-2	Vanadium	12.9	-		P
7440-66-6	Zinc	2080	-		P
5955-70-0	Cyanide	0.82	-		C

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

SH097-1105-UPMT-11_____

FORM I - IN

ILM04.0

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH097-1105-UPMT-12

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra Case No.: _____

SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-011

Sample wt/vol: 5.00 (g/mL) G

Lab File ID: c111316

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: not dec. 22

Date Analyzed: 11/13/97

GC Column: RTX624 ID: 0.32 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

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

74-87-3-----	Chloromethane	13	U
74-83-9-----	Bromomethane	13	U
75-01-4-----	Vinyl Chloride	13	U
75-00-3-----	Chloroethane	13	U
75-09-2-----	Methylene Chloride	17	B
67-64-1-----	Acetone	15	B
75-15-0-----	Carbon Disulfide	13	U
75-35-4-----	1,1-Dichloroethene	13	U
75-34-3-----	1,1-Dichloroethane	13	U
540-59-0-----	1,2-Dichloroethene (total)	6	J
67-66-3-----	Chloroform	13	U
107-06-2-----	1,2-Dichloroethane	13	U
78-93-3-----	2-Butanone	13	U
71-55-6-----	1,1,1-Trichloroethane	13	U
56-23-5-----	Carbon Tetrachloride	13	U
75-27-4-----	Bromodichloromethane	13	U
78-87-5-----	1,2-Dichloropropane	13	U
10061-01-5-----	cis-1,3-Dichloropropene	13	U
79-01-6-----	Trichloroethene	2	J
124-48-1-----	Dibromochloromethane	13	U
79-00-5-----	1,1,2-Trichloroethane	13	U
71-43-2-----	Benzene	13	U
10061-02-6-----	Trans-1,3-Dichloropropene	13	U
75-25-2-----	Bromoform	13	U
108-10-1-----	4-Methyl-2-pentanone	13	U
591-78-6-----	2-Hexanone	13	U
127-18-4-----	Tetrachloroethene	13	U
79-34-5-----	1,1,2,2-Tetrachloroethane	13	U
108-88-3-----	Toluene	13	U
108-90-7-----	Chlorobenzene	13	U
100-41-4-----	Ethylbenzene	13	U
100-42-5-----	Styrene	13	U
1330-20-7-----	Xylene (total)	13	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Lab Name: Recra.LabNet

Contract: 01667600001

SH097-1105-UPMT-12

Lab Code: Recra Case No.: _____

SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-011

Sample wt/vol: 5.00 (g/mL) G

Lab File ID: c111316

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: not dec. 22

Date Analyzed: 11/13/97

GC Column: RTX624 ID: 0.32 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1.				

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH097-1105-UPMT-12

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-011

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: V121908

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: 22 decanted: (Y/N) _____

Date Extracted: 11/11/97

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 12/19/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y

pH: 7.8

CONCENTRATION UNITS:

CAS NO.

COMPOUND

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

Q

108-95-2-----	Phenol	430	U
111-44-4-----	bis(2-Chloroethyl) ether	430	U
95-57-8-----	2-Chlorophenol	430	U
541-73-1-----	1,3-Dichlorobenzene	430	U
106-46-7-----	1,4-Dichlorobenzene	430	U
95-50-1-----	1,2-Dichlorobenzene	430	U
95-48-7-----	2-Methylphenol	430	U
108-60-1-----	2,2'-oxybis(1-Chloropropane)	430	U
106-44-5-----	4-Methylphenol	430	U
621-64-7-----	N-Nitroso-di-n-propylamine	430	U
67-72-1-----	Hexachloroethane	430	U
98-95-3-----	Nitrobenzene	430	U
78-59-1-----	Isophorone	430	U
88-75-5-----	2-Nitrophenol	430	U
105-67-9-----	2,4-Dimethylphenol	430	U
111-91-1-----	bis(2-Chloroethoxy) methane	430	U
120-83-2-----	2,4-Dichlorophenol	430	U
120-82-1-----	1,2,4-Trichlorobenzene	430	U
91-20-3-----	Naphthalene	160	J
106-47-8-----	4-Chloroaniline	430	U
87-68-3-----	Hexachlorobutadiene	430	U
59-50-7-----	4-Chloro-3-methylphenol	430	U
91-57-6-----	2-Methylnaphthalene	48	J
77-47-4-----	Hexachlorocyclopentadiene	430	U
88-06-2-----	2,4,6-Trichlorophenol	430	U
95-95-4-----	2,4,5-Trichlorophenol	1100	U
91-58-7-----	2-Chloronaphthalene	430	U
88-74-4-----	2-Nitroaniline	1100	U
131-11-3-----	Dimethylphthalate	430	U
208-96-8-----	Acenaphthylene	430	U
606-20-2-----	2,6-Dinitrotoluene	430	U
99-09-2-----	3-Nitroaniline	1100	U
83-32-9-----	Acenaphthene	180	J

525

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH097-1105-UPMT-12

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-011

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: V121908

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: 22 decanted: (Y/N) _____

Date Extracted: 11/11/97

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 12/19/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y

pH: 7.8

CONCENTRATION UNITS:

CAS NO.

COMPOUND

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

Q

51-28-5-----	2,4-Dinitrophenol	1100	U
100-02-7-----	4-Nitrophenol	1100	U
132-64-9-----	Dibenzofuran	100	J
121-14-2-----	2,4-Dinitrotoluene	430	U
84-66-2-----	Diethylphthalate	430	U
7005-72-3-----	4-Chlorophenyl-phenylether	430	U
86-73-7-----	Fluorene	170	J
100-01-6-----	4-Nitroaniline	1100	U
534-52-1-----	4,6-Dinitro-2-methylphenol	1100	U
86-30-6-----	N-Nitrosodiphenylamine (1)	430	U
101-55-3-----	4-Bromophenyl-phenylether	430	U
118-74-1-----	Hexachlorobenzene	430	U
87-86-5-----	Pentachlorophenol	1100	U
85-01-8-----	Phenanthrene	1200	
120-12-7-----	Anthracene	290	J
86-74-8-----	Carbazole	140	J
84-74-2-----	Di-n-butylphthalate	24	J
206-44-0-----	Fluoranthene	1100	
129-00-0-----	Pyrene	1100	
85-68-7-----	Butylbenzylphthalate	430	U
91-94-1-----	3,3'-Dichlorobenzidine	430	U
56-55-3-----	Benzo (a) anthracene	560	
218-01-9-----	Chrysene	530	
117-81-7-----	bis (2-Ethylhexyl) phthalate	770	B
117-84-0-----	Di-n-octyl phthalate	430	U
205-99-2-----	Benzo (b) fluoranthene	570	
207-08-9-----	Benzo (k) fluoranthene	360	J
50-32-8-----	Benzo (a) pyrene	360	J
193-39-5-----	Indeno (1,2,3-cd) pyrene	220	J
53-70-3-----	Dibenz (a,h) anthracene	430	U
191-24-2-----	Benzo (g,h,i) perylene	220	J

(1) - Cannot be separated from Diphenylamine

FORM 1 SV-2

RFW (v3.3)

526

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SH097-1105-UPMT-12

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-011

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: V121908

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: 22 decanted: (Y/N) _____

Date Extracted: 11/11/97

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 12/19/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y

pH: 7.8

CONCENTRATION UNITS:

Number TICs found: 22

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	6.72	100	J
2.	UNKNOWN	7.22	600	JB
3.	ALDOL CONDENSATE	7.57	600	JAB
4.	ALDOL CONDENSATE	9.13	300	JA
5.	BENZONAPHTHOTHIOPHENE	23.40	100	J
6.	ALKANE	24.45	100	J
7.	UNKNOWN	24.95	300	J
8.	UNKNOWN	25.08	600	J
9.	ALKANE	25.40	100	J
10.	UNKNOWN	26.80	200	J
11.	ALKANE	27.05	100	J
12.	ALKANE	27.80	90	J
13.	PAH	27.97	200	J
14.	PAH	28.10	200	J
15.	UNKNOWN	29.53	90	J
16.	UNKNOWN	30.25	100	J
17.	ALKANE	30.70	90	J
18.	ALKANE	31.53	100	J
19.	UNKNOWN	32.00	90	J
20.	ALKANE	32.48	400	J
21.	PAH	33.90	400	J
22.	ALKANE	34.88	500	J

1D
ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SH097-1105-UPMT-12

Lab Name: Recra.LabNet

Work Order: 01667-600-001-9999-00

Client: NYSDEC

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-011

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: 12069735.21

% Moisture: 22 decanted: (Y/N) N

Date Received: 11/06/97

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 11/13/97

Concentrated Extract Volume: 2000 (uL)

Date Analyzed: 12/07/97

Injection Volume: 0.5 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.8

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: <u>UG/KG</u>	Q
319-84-6	Alpha-BHC	2.1	U
319-85-7	Beta-BHC	2.1	U
319-86-8	Delta-BHC	2.1	U
58-89-9	gamma-BHC (Lindane)	2.1	U
76-44-8	Heptachlor	2.1	U
309-00-2	Aldrin	2.1	U
1024-57-3	Heptachlor epoxide	2.1	U
959-98-8	Endosulfan I	2.1	U
60-57-1	Dieldrin	4.3	U
72-55-9	4,4'-DDE	4.3	U
72-20-8	Endrin	4.3	U
33213-65-9	Endosulfan II	4.3	U
72-54-8	4,4'-DDD	4.3	U
1031-07-8	Endosulfan sulfate	4.3	U
50-29-3	4,4'-DDT	4.3	U
72-43-5	Methoxychlor	21	U
53494-70-5	Endrin ketone	4.3	U
7421-93-4	Endrin aldehyde	4.3	U
5103-71-9	alpha-Chlordane	2.1	U
5103-74-2	gamma-Chlordane	2.1	U
8001-35-2	Toxaphene	210	U
12674-11-2	Aroclor-1016	43	U
11104-28-2	Aroclor-1221	86	U
11141-16-5	Aroclor-1232	43	U
53469-21-9	Aroclor-1242	43	U
12672-29-6	Aroclor-1248	43	U
11097-69-1	Aroclor-1254	43	U
11096-82-5	Aroclor-1260	43	U

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

UPMT12

Lab Name: RECRA_LABNET_____ Contract: 1667_____

Lab Code: RECRA_____ Case No.: _____ SAS No.: _____ SDG No.: UPMT01

Matrix (soil/water): SOIL_____ Lab Sample ID: 9711L177-011

Level (low/med): LOW_____ Date Received: 11/06/97

% Solids: _____77.8

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3920	—	—	P
7440-36-0	Antimony	20.9	—	—	P
7440-38-2	Arsenic	16.8	—	—	P
7440-39-3	Barium	2260	—	—	P
7440-41-7	Beryllium	0.47	B	—	P
7440-43-9	Cadmium	3.7	—	—	P
7440-70-2	Calcium	28300	—	—	P
7440-47-3	Chromium	31.7	—	—	P
7440-48-4	Cobalt	7.5	B	—	P
7440-50-8	Copper	2420	—	N*	P
7439-89-6	Iron	54800	—	—	P
7439-92-1	Lead	3190	—	N	P
7439-95-4	Magnesium	2740	—	—	P
7439-96-5	Manganese	277	—	—	P
7439-97-6	Mercury	0.06	U	—	AV
7440-02-0	Nickel	49.4	—	—	P
7440-09-7	Potassium	270	B	—	P
7782-49-2	Selenium	2.5	—	—	P
7440-22-4	Silver	7.5	—	—	P
7440-23-5	Sodium	594	B	—	P
7440-28-0	Thallium	1.2	U	—	P
7440-62-2	Vanadium	20.3	—	—	P
7440-66-6	Zinc	1530	—	—	P
5955-70-0	Cyanide	0.67	—	—	C

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

SH097-1105-UPMT-12

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH097-1105-UPMT-13

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-012

Sample wt/vol: 4.90 (g/mL) G

Lab File ID: c111317

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: not dec. 33

Date Analyzed: 11/13/97

GC Column: RTX624 ID: 0.32 (mm)

Dilution Factor: 1.02

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

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

74-87-3-----	Chloromethane	15	U
74-83-9-----	Bromomethane	15	U
75-01-4-----	Vinyl Chloride	15	U
75-00-3-----	Chloroethane	15	U
75-09-2-----	Methylene Chloride	29	B
67-64-1-----	Acetone	14	JB
75-15-0-----	Carbon Disulfide	15	U
75-35-4-----	1,1-Dichloroethene	15	U
75-34-3-----	1,1-Dichloroethane	15	U
540-59-0-----	1,2-Dichloroethene (total)	15	U
67-66-3-----	Chloroform	15	U
107-06-2-----	1,2-Dichloroethane	15	U
78-93-3-----	2-Butanone	15	U
71-55-6-----	1,1,1-Trichloroethane	8	J
56-23-5-----	Carbon Tetrachloride	15	U
75-27-4-----	Bromodichloromethane	15	U
78-87-5-----	1,2-Dichloropropane	15	U
10061-01-5-----	cis-1,3-Dichloropropene	15	U
79-01-6-----	Trichloroethene	15	U
124-48-1-----	Dibromochloromethane	15	U
79-00-5-----	1,1,2-Trichloroethane	15	U
71-43-2-----	Benzene	15	U
10061-02-6-----	Trans-1,3-Dichloropropene	15	U
75-25-2-----	Bromoform	15	U
108-10-1-----	4-Methyl-2-pentanone	15	U
591-78-6-----	2-Hexanone	15	U
127-18-4-----	Tetrachloroethene	15	U
79-34-5-----	1,1,2,2-Tetrachloroethane	15	U
108-88-3-----	Toluene	15	U
108-90-7-----	Chlorobenzene	15	U
100-41-4-----	Ethylbenzene	15	U
100-42-5-----	Styrene	15	U
1330-20-7-----	Xylene (total)	15	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SH097-1105-UPMT-13

Lab Name: Recra.LabNet Contract: 01667600001

Lab Code: Recra Case No.: _____

SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-012

Sample wt/vol: 4.90 (g/mL) G

Lab File ID: c111317

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: not dec. 33

Date Analyzed: 11/13/97

GC Column: RTX624 ID: 0.32 (mm)

Dilution Factor: 1.02

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1.				

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH097-1105-UPMT-13

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-012

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: V121909

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: 33 decanted: (Y/N) _____

Date Extracted: 11/11/97

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 12/19/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y

pH: 7.7

CONCENTRATION UNITS:

CAS NO.

COMPOUND

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

Q

108-95-2-----	Phenol	500	U
111-44-4-----	bis(2-Chloroethyl) ether	500	U
95-57-8-----	2-Chlorophenol	500	U
541-73-1-----	1,3-Dichlorobenzene	500	U
106-46-7-----	1,4-Dichlorobenzene	500	U
95-50-1-----	1,2-Dichlorobenzene	500	U
95-48-7-----	2-Methylphenol	500	U
108-60-1-----	2,2'-oxybis(1-Chloropropane)	500	U
106-44-5-----	4-Methylphenol	500	U
621-64-7-----	N-Nitroso-di-n-propylamine	500	U
67-72-1-----	Hexachloroethane	500	U
98-95-3-----	Nitrobenzene	500	U
78-59-1-----	Isophorone	500	U
88-75-5-----	2-Nitrophenol	500	U
105-67-9-----	2,4-Dimethylphenol	500	U
111-91-1-----	bis(2-Chloroethoxy) methane	500	U
120-83-2-----	2,4-Dichlorophenol	500	U
120-82-1-----	1,2,4-Trichlorobenzene	500	U
91-20-3-----	Naphthalene	500	U
106-47-8-----	4-Chloroaniline	500	U
87-68-3-----	Hexachlorobutadiene	500	U
59-50-7-----	4-Chloro-3-methylphenol	500	U
91-57-6-----	2-Methylnaphthalene	500	U
77-47-4-----	Hexachlorocyclopentadiene	500	U
88-06-2-----	2,4,6-Trichlorophenol	500	U
95-95-4-----	2,4,5-Trichlorophenol	1200	U
91-58-7-----	2-Chloronaphthalene	500	U
88-74-4-----	2-Nitroaniline	1200	U
131-11-3-----	Dimethylphthalate	500	U
208-96-8-----	Acenaphthylene	500	U
606-20-2-----	2,6-Dinitrotoluene	500	U
99-09-2-----	3-Nitroaniline	1200	U
83-32-9-----	Acenaphthene	500	U

579

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH097-1105-UPMT-13

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-012

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: V121909

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: 33 decanted: (Y/N) _____

Date Extracted: 11/11/97

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 12/19/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y

pH: 7.7

CONCENTRATION UNITS:

CAS NO.

COMPOUND

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

Q

51-28-5-----	2,4-Dinitrophenol	1200	U
100-02-7-----	4-Nitrophenol	1200	U
132-64-9-----	Dibenzofuran	500	U
121-14-2-----	2,4-Dinitrotoluene	500	U
84-66-2-----	Diethylphthalate	500	U
7005-72-3-----	4-Chlorophenyl-phenylether	500	U
86-73-7-----	Fluorene	500	U
100-01-6-----	4-Nitroaniline	1200	U
534-52-1-----	4,6-Dinitro-2-methylphenol	1200	U
86-30-6-----	N-Nitrosodiphenylamine (1)	500	U
101-55-3-----	4-Bromophenyl-phenylether	500	U
118-74-1-----	Hexachlorobenzene	500	U
87-86-5-----	Pentachlorophenol	1200	U
85-01-8-----	Phenanthrene	500	U
120-12-7-----	Anthracene	500	U
86-74-8-----	Carbazole	500	U
84-74-2-----	Di-n-butylphthalate	500	U
206-44-0-----	Fluoranthene	500	U
129-00-0-----	Pyrene	500	U
85-68-7-----	Butylbenzylphthalate	500	U
91-94-1-----	3,3'-Dichlorobenzidine	500	U
56-55-3-----	Benzo(a)anthracene	500	U
218-01-9-----	Chrysene	500	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	370	JB
117-84-0-----	Di-n-octyl phthalate	500	U
205-99-2-----	Benzo(b)fluoranthene	500	U
207-08-9-----	Benzo(k)fluoranthene	500	U
50-32-8-----	Benzo(a)pyrene	500	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	500	U
53-70-3-----	Dibenz(a,h)anthracene	500	U
191-24-2-----	Benzo(g,h,i)perylene	500	U

(1) - Cannot be separated from Diphenylamine

FORM 1 SV-2

RFW (v3.3)

580

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SH097-1105-UPMT-13

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-012

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: V121909

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: 33 decanted: (Y/N) _____

Date Extracted: 11/11/97

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 12/19/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y

pH: 7.7

CONCENTRATION UNITS:

Number TICs found: 11

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	6.70	300	J
2.	UNKNOWN	7.22	1000	JB
3.	ALDOL CONDENSATE	7.57	1000	JAB
4.	ALDOL CONDENSATE	9.13	200	JA
5.	DIMETHYLDIHYDROXYBENZOIC ACI	22.38	400	J
6.	UNKNOWN	25.10	400	J
7.	UNKNOWN	27.83	100	J
8.	UNKNOWN	29.32	200	J
9.	ALKANE	32.48	200	J
10.	ALKANE	34.87	100	J
11.	UNKNOWN	38.13	200	J

1D
ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SH097-1105-UPMT-13

Lab Name: Recra.LabNet

Work Order: 01667-600-001-9999-00

Client: NYSDEC

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-012

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: 12029735.48

% Moisture: 33 decanted: (Y/N) N

Date Received: 11/06/97

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 11/13/97

Concentrated Extract Volume: 2000 (uL)

Date Analyzed: 12/04/97

Injection Volume: 0.5 (uL)

Dilution Factor: 1.00

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

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION	
		UNITS: <u>UG/KG</u>	<u>Q</u>
319-84-6-----	Alpha-BHC	2.5	U
319-85-7-----	Beta-BHC	2.5	U
319-86-8-----	Delta-BHC	2.5	U
58-89-9-----	gamma-BHC (Lindane)	2.5	U
76-44-8-----	Heptachlor	2.5	U
309-00-2-----	Aldrin	2.5	U
1024-57-3-----	Heptachlor epoxide	2.5	U
959-98-8-----	Endosulfan I	2.5	U
60-57-1-----	Dieldrin	5.0	U
72-55-9-----	4,4'-DDE	5.0	U
72-20-8-----	Endrin	5.0	U
33213-65-9-----	Endosulfan II	5.0	U
72-54-8-----	4,4'-DDD	5.0	U
1031-07-8-----	Endosulfan sulfate	5.0	U
50-29-3-----	4,4'-DDT	5.0	U
72-43-5-----	Methoxychlor	25	U
53494-70-5-----	Endrin ketone	5.0	U
7421-93-4-----	Endrin aldehyde	5.0	U
5103-71-9-----	alpha-Chlordane	2.5	U
5103-74-2-----	gamma-Chlordane	2.5	U
8001-35-2-----	Toxaphene	250	U
12674-11-2-----	Aroclor-1016	50	U
11104-28-2-----	Aroclor-1221	99	U
11141-16-5-----	Aroclor-1232	50	U
53469-21-9-----	Aroclor-1242	50	U
12672-29-6-----	Aroclor-1248	50	U
11097-69-1-----	Aroclor-1254	50	U
11096-82-5-----	Aroclor-1260	50	U

92
01-14-98

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

UPMT13

Lab Name: RECRA_LABNET_____ Contract: 1667_____

Lab Code: RECRA_____ Case No.: _____ SAS No.: _____ SDG No.: UPMT01

Matrix (soil/water): SOIL_____ Lab Sample ID: 9711L177-012

Level (low/med): LOW_____ Date Received: 11/06/97

% Solids: _____67.2

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	8010	-		P
7440-36-0	Antimony	0.86	U		P
7440-38-2	Arsenic	6.7	-		P
7440-39-3	Barium	169	-		P
7440-41-7	Beryllium	0.71	B		P
7440-43-9	Cadmium	0.12	U		P
7440-70-2	Calcium	7290	-		P
7440-47-3	Chromium	4.6	-		P
7440-48-4	Cobalt	3.2	B		P
7440-50-8	Copper	45.4	-	N*	P
7439-89-6	Iron	3090	-		P
7439-92-1	Lead	26.0	-	N	P
7439-95-4	Magnesium	386	B		P
7439-96-5	Manganese	51.3	-		P
7439-97-6	Mercury	0.07	U		AV
7440-02-0	Nickel	10.0	B		P
7440-09-7	Potassium	248	B		P
7782-49-2	Selenium	1.3	U		P
7440-22-4	Silver	0.24	U		P
7440-23-5	Sodium	641	B		P
7440-28-0	Thallium	1.4	U		P
7440-62-2	Vanadium	9.0	B		P
7440-66-6	Zinc	27.6	-		P
5955-70-0	Cyanide	0.37	U		C

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

SH097-1105-UPMT-13_____

FORM I - IN

ILM04.0

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH097-1105-UPMT-14

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-013

Sample wt/vol: 4.80 (g/mL) G

Lab File ID: c111410

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: not dec. 28

Date Analyzed: 11/14/97

GC Column: RTX624 ID: 0.32 (mm)

Dilution Factor: 1.04

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

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

Q

74-87-3-----	Chloromethane	14	U
74-83-9-----	Bromomethane	14	U
75-01-4-----	Vinyl Chloride	14	U
75-00-3-----	Chloroethane	14	U
75-09-2-----	Methylene Chloride	37	B
67-64-1-----	Acetone	14	U
75-15-0-----	Carbon Disulfide	14	U
75-35-4-----	1,1-Dichloroethene	14	U
75-34-3-----	1,1-Dichloroethane	14	U
540-59-0-----	1,2-Dichloroethene (total)	14	U
67-66-3-----	Chloroform	14	U
107-06-2-----	1,2-Dichloroethane	14	U
78-93-3-----	2-Butanone	14	U
71-55-6-----	1,1,1-Trichloroethane	8	J
56-23-5-----	Carbon Tetrachloride	14	U
75-27-4-----	Bromodichloromethane	14	U
78-87-5-----	1,2-Dichloropropane	14	U
10061-01-5-----	cis-1,3-Dichloropropene	14	U
79-01-6-----	Trichloroethene	2	J
124-48-1-----	Dibromochloromethane	14	U
79-00-5-----	1,1,2-Trichloroethane	14	U
71-43-2-----	Benzene	14	U
10061-02-6-----	Trans-1,3-Dichloropropene	14	U
75-25-2-----	Bromoform	14	U
108-10-1-----	4-Methyl-2-pentanone	14	U
591-78-6-----	2-Hexanone	14	U
127-18-4-----	Tetrachloroethene	8	J
79-34-5-----	1,1,2,2-Tetrachloroethane	14	U
108-88-3-----	Toluene	14	U
108-90-7-----	Chlorobenzene	14	U
100-41-4-----	Ethylbenzene	14	U
100-42-5-----	Styrene	14	U
1330-20-7-----	Xylene (total)	14	U

210

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SH097-1105-UPMT-14

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra Case No.: _____

SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-013

Sample wt/vol: 4.80 (g/mL) G

Lab File ID: c111410

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: not dec. 28

Date Analyzed: 11/14/97

GC Column: RTX624 ID: 0.32 (mm)

Dilution Factor: 1.04

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1.				

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH097-1105-UPMT-14

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-013

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: V121910

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: 28 decanted: (Y/N) _____

Date Extracted: 11/11/97

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 12/19/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y

pH: 7.6

CONCENTRATION UNITS:

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

108-95-2-----	Phenol	460	U
111-44-4-----	bis(2-Chloroethyl) ether	460	U
95-57-8-----	2-Chlorophenol	460	U
541-73-1-----	1,3-Dichlorobenzene	460	U
106-46-7-----	1,4-Dichlorobenzene	460	U
95-50-1-----	1,2-Dichlorobenzene	460	U
95-48-7-----	2-Methylphenol	460	U
108-60-1-----	2,2'-oxybis(1-Chloropropane)	460	U
106-44-5-----	4-Methylphenol	460	U
621-64-7-----	N-Nitroso-di-n-propylamine	460	U
67-72-1-----	Hexachloroethane	460	U
98-95-3-----	Nitrobenzene	460	U
78-59-1-----	Isophorone	460	U
88-75-5-----	2-Nitrophenol	460	U
105-67-9-----	2,4-Dimethylphenol	460	U
111-91-1-----	bis(2-Chloroethoxy) methane	460	U
120-83-2-----	2,4-Dichlorophenol	460	U
120-82-1-----	1,2,4-Trichlorobenzene	460	U
91-20-3-----	Naphthalene	460	U
106-47-8-----	4-Chloroaniline	460	U
87-68-3-----	Hexachlorobutadiene	460	U
59-50-7-----	4-Chloro-3-methylphenol	460	U
91-57-6-----	2-Methylnaphthalene	460	U
77-47-4-----	Hexachlorocyclopentadiene	460	U
88-06-2-----	2,4,6-Trichlorophenol	460	U
95-95-4-----	2,4,5-Trichlorophenol	1200	U
91-58-7-----	2-Chloronaphthalene	460	U
88-74-4-----	2-Nitroaniline	1200	U
131-11-3-----	Dimethylphthalate	460	U
208-96-8-----	Acenaphthylene	460	U
606-20-2-----	2,6-Dinitrotoluene	460	U
99-09-2-----	3-Nitroaniline	1200	U
83-32-9-----	Acenaphthene	460	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH097-1105-UPMT-14

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-013

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: V121910

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: 28 decanted: (Y/N) _____

Date Extracted: 11/11/97

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 12/19/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y

pH: 7.6

CONCENTRATION UNITS:

CAS NO.

COMPOUND

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

Q

51-28-5-----	2,4-Dinitrophenol	1200	U
100-02-7-----	4-Nitrophenol	1200	U
132-64-9-----	Dibenzofuran	460	U
121-14-2-----	2,4-Dinitrotoluene	460	U
84-66-2-----	Diethylphthalate	460	U
7005-72-3-----	4-Chlorophenyl-phenylether	460	U
86-73-7-----	Fluorene	460	U
100-01-6-----	4-Nitroaniline	1200	U
534-52-1-----	4,6-Dinitro-2-methylphenol	1200	U
86-30-6-----	N-Nitrosodiphenylamine (1)	460	U
101-55-3-----	4-Bromophenyl-phenylether	460	U
118-74-1-----	Hexachlorobenzene	460	U
87-86-5-----	Pentachlorophenol	1200	U
85-01-8-----	Phenanthrene	160	J
120-12-7-----	Anthracene	24	J
86-74-8-----	Carbazole	460	U
84-74-2-----	Di-n-butylphthalate	460	U
206-44-0-----	Fluoranthene	320	J
129-00-0-----	Pyrene	290	J
85-68-7-----	Butylbenzylphthalate	460	U
91-94-1-----	3,3'-Dichlorobenzidine	460	U
56-55-3-----	Benzo(a)anthracene	130	J
218-01-9-----	Chrysene	180	J
117-81-7-----	bis(2-Ethylhexyl)phthalate	360	JB
117-84-0-----	Di-n-octyl phthalate	460	U
205-99-2-----	Benzo(b)fluoranthene	150	J
207-08-9-----	Benzo(k)fluoranthene	210	J
50-32-8-----	Benzo(a)pyrene	150	J
193-39-5-----	Indeno(1,2,3-cd)pyrene	97	J
53-70-3-----	Dibenz(a,h)anthracene	460	U
191-24-2-----	Benzo(g,h,i)perylene	89	J

(1) - Cannot be separated from Diphenylamine

FORM 1 SV-2

RFW (v3.2)

602

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SH097-1105-UPMT-14

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-013

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: V121910

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: 28 decanted: (Y/N) __

Date Extracted: 11/11/97

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 12/19/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y

pH: 7.6

CONCENTRATION UNITS:

Number TICs found: 23

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	ALDOL CONDENSATE	6.60	100	JA
2.	UNKNOWN	6.72	300	J
3.	UNKNOWN	7.22	900	JB
4.	ALDOL CONDENSATE	7.57	1000	JAB
5.	ALDOL CONDENSATE	9.13	400	JA
6.	UNKNOWN	24.95	90	J
7.	UNKNOWN	25.10	500	J
8.	ALKANE	27.88	200	J
9.	UNKNOWN	29.17	100	J
10.	ALKANE	29.33	100	J
11.	UNKNOWN	29.38	300	J
12.	UNKNOWN	30.32	90	J
13.	ALKANE	30.78	300	J
14.	UNKNOWN	31.97	200	J
15.	UNKNOWN	32.08	300	J
16.	UNKNOWN	32.37	200	J
17.	ALKANE	32.57	1000	J
18.	UNKNOWN	32.90	300	J
19.	UNKNOWN	33.21	300	J
20.	UNKNOWN	34.55	200	J
21.	ALKANE	34.93	700	J
22.	UNKNOWN	35.90	200	J
23.	UNKNOWN	38.22	300	J

1D
ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SH097-1105-UPMT-14

Lab Name: Recra.LabNet

Work Order: 01667-600-001-9999-00

Client: NYSDEC

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-013

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: 12069735.22

% Moisture: 28 decanted: (Y/N) N

Date Received: 11/06/97

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 11/13/97

Concentrated Extract Volume: 2000 (uL)

Date Analyzed: 12/07/97

Injection Volume: 0.5 (uL)

Dilution Factor: 1.00

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

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: <u>UG/KG</u>	Q
319-84-6-----	Alpha-BHC	2.3	U
319-85-7-----	Beta-BHC	2.3	U
319-86-8-----	Delta-BHC	2.3	U
58-89-9-----	gamma-BHC (Lindane)	2.3	U
76-44-8-----	Heptachlor	2.3	U
309-00-2-----	Aldrin	2.3	U
1024-57-3-----	Heptachlor epoxide	2.3	U
959-98-8-----	Endosulfan I	2.3	U
60-57-1-----	Dieldrin	4.6	U
72-55-9-----	4,4'-DDE	4.6	U
72-20-8-----	Endrin	4.6	U
33213-65-9-----	Endosulfan II	4.6	U
72-54-8-----	4,4'-DDD	4.6	U
1031-07-8-----	Endosulfan sulfate	4.6	U
50-29-3-----	4,4'-DDT	16	
72-43-5-----	Methoxychlor	23	U
53494-70-5-----	Endrin ketone	4.6	U
7421-93-4-----	Endrin aldehyde	4.6	U
5103-71-9-----	alpha-Chlordane	2.3	U
5103-74-2-----	gamma-Chlordane	2.3	U
8001-35-2-----	Toxaphene	230	U
12674-11-2-----	Aroclor-1016	46	U
11104-28-2-----	Aroclor-1221	92	U
11141-16-5-----	Aroclor-1232	46	U
53469-21-9-----	Aroclor-1242	46	U
12672-29-6-----	Aroclor-1248	46	U
11097-69-1-----	Aroclor-1254	46	U
11096-82-5-----	Aroclor-1260	46	U

Handwritten signature/initials

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

UPMT14

Lab Name: RECRA_LABNET_____ Contract: 1667_____

Lab Code: RECRA_____ Case No.: _____ SAS No.: _____ SDG No.: UPMT01

Matrix (soil/water): SOIL_____ Lab Sample ID: 9711L177-013

Level (low/med): LOW_____ Date Received: 11/06/97

% Solids: _____72.1

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3470	-		P
7440-36-0	Antimony	14.1	B		P
7440-38-2	Arsenic	12.4	-		P
7440-39-3	Barium	2870	-		P
7440-41-7	Beryllium	0.46	B		P
7440-43-9	Cadmium	5.7	-		P
7440-70-2	Calcium	9670	-		P
7440-47-3	Chromium	34.4	-		P
7440-48-4	Cobalt	9.4	B		P
7440-50-8	Copper	295	-	N*	P
7439-89-6	Iron	38400	-		P
7439-92-1	Lead	2370	-	N	P
7439-95-4	Magnesium	1800	-		P
7439-96-5	Manganese	438	-		P
7439-97-6	Mercury	0.24	-		AV
7440-02-0	Nickel	29.2	-		P
7440-09-7	Potassium	900	B		P
7782-49-2	Selenium	3.0	-		P
7440-22-4	Silver	3.4	-		P
7440-23-5	Sodium	315	B		P
7440-28-0	Thallium	2.2	B		P
7440-62-2	Vanadium	18.7	-		P
7440-66-6	Zinc	2150	-		P
5955-70-0	Cyanide	1.3	-		C

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

SH097-1105-UPMT-14

FORM I - IN

ILM04.0

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH097-1105-UPMT-15

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-014

Sample wt/vol: 4.90 (g/mL) G

Lab File ID: c111409

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: not dec. 34

Date Analyzed: 11/14/97

GC Column: RTX624 ID: 0.32 (mm)

Dilution Factor: 1.02

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

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

74-87-3-----	Chloromethane	15	U
74-83-9-----	Bromomethane	15	U
75-01-4-----	Vinyl Chloride	15	U
75-00-3-----	Chloroethane	15	U
75-09-2-----	Methylene Chloride	41	B
67-64-1-----	Acetone	14	BJ
75-15-0-----	Carbon Disulfide	15	U
75-35-4-----	1,1-Dichloroethene	15	U
75-34-3-----	1,1-Dichloroethane	15	U
540-59-0-----	1,2-Dichloroethene (total)	15	U
67-66-3-----	Chloroform	15	U
107-06-2-----	1,2-Dichloroethane	15	U
78-93-3-----	2-Butanone	15	U
71-55-6-----	1,1,1-Trichloroethane	16	
56-23-5-----	Carbon Tetrachloride	15	U
75-27-4-----	Bromodichloromethane	15	U
78-87-5-----	1,2-Dichloropropane	15	U
10061-01-5-----	cis-1,3-Dichloropropene	15	U
79-01-6-----	Trichloroethene	19	
124-48-1-----	Dibromochloromethane	15	U
79-00-5-----	1,1,2-Trichloroethane	15	U
71-43-2-----	Benzene	15	U
10061-02-6-----	Trans-1,3-Dichloropropene	15	U
75-25-2-----	Bromoform	15	U
108-10-1-----	4-Methyl-2-pentanone	15	U
591-78-6-----	2-Hexanone	15	U
127-18-4-----	Tetrachloroethene	82	
79-34-5-----	1,1,2,2-Tetrachloroethane	15	U
108-88-3-----	Toluene	15	U
108-90-7-----	Chlorobenzene	15	U
100-41-4-----	Ethylbenzene	15	U
100-42-5-----	Styrene	15	U
1330-20-7-----	Xylene (total)	15	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Lab Name: Recra.LabNet

Contract: 01667600001

SH097-1105-UPMT-15

Lab Code: Recra Case No.: _____

SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-014

Sample wt/vol: 4.90 (g/mL) G

Lab File ID: c111409

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: not dec. 34

Date Analyzed: 11/14/97

GC Column: RTX624 ID: 0.32 (mm)

Dilution Factor: 1.02

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1.	UNKNOWN	5.558	20	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH097-1105-UPMT-15

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra Case No.: _____

SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-014

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: V121911

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: 34 decanted: (Y/N) _____

Date Extracted: 11/11/97

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 12/19/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y

pH: 7.9

CONCENTRATION UNITS:

CAS NO.

COMPOUND

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

Q

108-95-2-----	Phenol	500	U
111-44-4-----	bis(2-Chloroethyl) ether	500	U
95-57-8-----	2-Chlorophenol	500	U
541-73-1-----	1,3-Dichlorobenzene	500	U
106-46-7-----	1,4-Dichlorobenzene	500	U
95-50-1-----	1,2-Dichlorobenzene	500	U
95-48-7-----	2-Methylphenol	500	U
108-60-1-----	2,2'-oxybis(1-Chloropropane)	500	U
106-44-5-----	4-Methylphenol	500	U
621-64-7-----	N-Nitroso-di-n-propylamine	500	U
67-72-1-----	Hexachloroethane	500	U
98-95-3-----	Nitrobenzene	500	U
78-59-1-----	Isophorone	500	U
88-75-5-----	2-Nitrophenol	500	U
105-67-9-----	2,4-Dimethylphenol	500	U
111-91-1-----	bis(2-Chloroethoxy) methane	500	U
120-83-2-----	2,4-Dichlorophenol	500	U
120-82-1-----	1,2,4-Trichlorobenzene	500	U
91-20-3-----	Naphthalene	500	U
106-47-8-----	4-Chloroaniline	500	U
87-68-3-----	Hexachlorobutadiene	500	U
59-50-7-----	4-Chloro-3-methylphenol	500	U
91-57-6-----	2-Methylnaphthalene	500	U
77-47-4-----	Hexachlorocyclopentadiene	500	U
88-06-2-----	2,4,6-Trichlorophenol	500	U
95-95-4-----	2,4,5-Trichlorophenol	1300	U
91-58-7-----	2-Chloronaphthalene	500	U
88-74-4-----	2-Nitroaniline	1300	U
131-11-3-----	Dimethylphthalate	500	U
208-96-8-----	Acenaphthylene	500	U
606-20-2-----	2,6-Dinitrotoluene	500	U
99-09-2-----	3-Nitroaniline	1300	U
83-32-9-----	Acenaphthene	500	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH097-1105-UPMT-15

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-014

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: V121911

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: 34 decanted: (Y/N) _____

Date Extracted: 11/11/97

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 12/19/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y

pH: 7.9

CONCENTRATION UNITS:

CAS NO.

COMPOUND

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

Q

51-28-5-----	2,4-Dinitrophenol	1300	U
100-02-7-----	4-Nitrophenol	1300	U
132-64-9-----	Dibenzofuran	500	U
121-14-2-----	2,4-Dinitrotoluene	500	U
84-66-2-----	Diethylphthalate	500	U
7005-72-3-----	4-Chlorophenyl-phenylether	500	U
86-73-7-----	Fluorene	500	U
100-01-6-----	4-Nitroaniline	1300	U
534-52-1-----	4,6-Dinitro-2-methylphenol	1300	U
86-30-6-----	N-Nitrosodiphenylamine (1)	500	U
101-55-3-----	4-Bromophenyl-phenylether	500	U
118-74-1-----	Hexachlorobenzene	500	U
87-86-5-----	Pentachlorophenol	1300	U
85-01-8-----	Phenanthrene	110	J
120-12-7-----	Anthracene	500	U
86-74-8-----	Carbazole	500	U
84-74-2-----	Di-n-butylphthalate	31	J
206-44-0-----	Fluoranthene	190	J
129-00-0-----	Pyrene	210	J
85-68-7-----	Butylbenzylphthalate	500	U
91-94-1-----	3,3'-Dichlorobenzidine	500	U
56-55-3-----	Benzo(a)anthracene	94	J
218-01-9-----	Chrysene	130	J
117-81-7-----	bis(2-Ethylhexyl)phthalate	170	JB
117-84-0-----	Di-n-octyl phthalate	500	U
205-99-2-----	Benzo(b)fluoranthene	130	J
207-08-9-----	Benzo(k)fluoranthene	170	J
50-32-8-----	Benzo(a)pyrene	110	J
193-39-5-----	Indeno(1,2,3-cd)pyrene	79	J
53-70-3-----	Dibenz(a,h)anthracene	500	U
191-24-2-----	Benzo(g,h,i)perylene	75	J

(1) - Cannot be separated from Diphenylamine

FORM 1 SV-2

RFW (v3) 618

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SH097-1105-UPMT-15

Lab Name: Recra.LabNet Contract: 01667600001

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

Matrix: (soil/water) SOIL Lab Sample ID: 9711L177-014

Sample wt/vol: 30.0 (g/mL) G Lab File ID: V121911

Level: (low/med) LOW Date Received: 11/06/97

% Moisture: 34 decanted: (Y/N) _____ Date Extracted: 11/11/97

Concentrated Extract Volume: 500 (uL) Date Analyzed: 12/19/97

Injection Volume: 2.0 (uL) Dilution Factor: 1.00

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

Number TICs found: 16 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	6.72	200	J
2.	UNKNOWN	7.22	800	JB
3.	ALDOL CONDENSATE	7.57	900	JAB
4.	ALDOL CONDENSATE	7.85	100	JA
5.	ALDOL CONDENSATE	9.13	300	JA
6.	UNKNOWN	25.08	400	J
7.	ALKANE	27.08	200	J
8.	ALKANE	27.85	300	J
9.	ALKANE	28.58	100	J
10.	ALKANE	29.32	300	J
11.	UNKNOWN	29.37	200	J
12.	ALKANE	30.77	400	J
13.	ALKANE	31.60	200	J
14.	UNKNOWN	32.08	200	J
15.	ALKANE	32.55	600	J
16.	ALKANE	34.95	400	J

1D
ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SH097-1105-UPMT-15

Lab Name: Recra.LabNet Work Order: 01667-600-001-9999-00

Client: NYSDEC

Matrix: (soil/water) SOIL Lab Sample ID: 9711L177-014

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 12029735.49

% Moisture: 34 decanted: (Y/N) N Date Received: 11/06/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 11/13/97

Concentrated Extract Volume: 2000 (uL) Date Analyzed: 12/04/97

Injection Volume: 0.5 (uL) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: <u>UG/KG</u>	Q
319-84-6-----	Alpha-BHC	2.5	U
319-85-7-----	Beta-BHC	2.5	U
319-86-8-----	Delta-BHC	2.5	U
58-89-9-----	gamma-BHC (Lindane)	2.5	U
76-44-8-----	Heptachlor	2.5	U
309-00-2-----	Aldrin	2.5	U
1024-57-3-----	Heptachlor epoxide	2.5	U
959-98-8-----	Endosulfan I	2.5	U
60-57-1-----	Dieldrin	5.0	U
72-55-9-----	4,4'-DDE	5.0	U
72-20-8-----	Endrin	5.0	U
33213-65-9-----	Endosulfan II	5.0	U
72-54-8-----	4,4'-DDD	5.0	U
1031-07-8-----	Endosulfan sulfate	5.0	U
50-29-3-----	4,4'-DDT	5.0	U
72-43-5-----	Methoxychlor	25	U
53494-70-5-----	Endrin ketone	5.0	U
7421-93-4-----	Endrin aldehyde	5.0	U
5103-71-9-----	alpha-Chlordane	2.5	U
5103-74-2-----	gamma-Chlordane	2.5	U
8001-35-2-----	Toxaphene	250	U
12674-11-2-----	Aroclor-1016	50	U
11104-28-2-----	Aroclor-1221	100	U
11141-16-5-----	Aroclor-1232	50	U
53469-21-9-----	Aroclor-1242	50	U
12672-29-6-----	Aroclor-1248	50	U
11097-69-1-----	Aroclor-1254	50	U
11096-82-5-----	Aroclor-1260	50	U

Handwritten signature and date: 01-17-98

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

UPMT15

Lab Name: RECRA_LABNET_____ Contract: 1667_____

Lab Code: RECRA_____ Case No.: _____ SAS No.: _____ SDG No.: UPMT01

Matrix (soil/water): SOIL_____ Lab Sample ID: 9711L177-014

Level (low/med): LOW_____ Date Received: 11/06/97

% Solids: _____66.4

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	8690	—	—	P
7440-36-0	Antimony	111	—	—	P
7440-38-2	Arsenic	35.6	—	—	P
7440-39-3	Barium	1400	—	—	P
7440-41-7	Beryllium	0.72	B	—	P
7440-43-9	Cadmium	17.7	—	—	P
7440-70-2	Calcium	23200	—	—	P
7440-47-3	Chromium	81.1	—	—	P
7440-48-4	Cobalt	13.5	B	—	P
7440-50-8	Copper	815	—	N*	P
7439-89-6	Iron	49900	—	—	P
7439-92-1	Lead	7190	—	N	P
7439-95-4	Magnesium	4840	—	—	P
7439-96-5	Manganese	1430	—	—	P
7439-97-6	Mercury	1.2	—	—	AV
7440-02-0	Nickel	92.5	—	—	P
7440-09-7	Potassium	1870	—	—	P
7782-49-2	Selenium	5.8	—	—	P
7440-22-4	Silver	44.2	—	—	P
7440-23-5	Sodium	630	B	—	P
7440-28-0	Thallium	5.2	—	—	P
7440-62-2	Vanadium	44.6	—	—	P
7440-66-6	Zinc	6110	—	—	P
5955-70-0	Cyanide	1.2	—	—	C

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

SH097-1105-UPMT-15

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH097-1105-UPMT-16

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-015

Sample wt/vol: 4.70 (g/mL) G

Lab File ID: c111320

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: not dec. 29

Date Analyzed: 11/13/97

GC Column: RTX624 ID: 0.32 (mm)

Dilution Factor: 1.06

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

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

74-87-3	-----Chloromethane	15	U
74-83-9	-----Bromomethane	15	U
75-01-4	-----Vinyl Chloride	15	U
75-00-3	-----Chloroethane	15	U
75-09-2	-----Methylene Chloride	74	B
67-64-1	-----Acetone	15	U
75-15-0	-----Carbon Disulfide	15	U
75-35-4	-----1,1-Dichloroethene	15	U
75-34-3	-----1,1-Dichloroethane	10	J
540-59-0	-----1,2-Dichloroethene (total)	15	U
67-66-3	-----Chloroform	15	U
107-06-2	-----1,2-Dichloroethane	15	U
78-93-3	-----2-Butanone	15	U
71-55-6	-----1,1,1-Trichloroethane	230	
56-23-5	-----Carbon Tetrachloride	15	U
75-27-4	-----Bromodichloromethane	15	U
78-87-5	-----1,2-Dichloropropane	15	U
10061-01-5	-----cis-1,3-Dichloropropene	15	U
79-01-6	-----Trichloroethene	10	J
124-48-1	-----Dibromochloromethane	15	U
79-00-5	-----1,1,2-Trichloroethane	15	U
71-43-2	-----Benzene	15	U
10061-02-6	-----Trans-1,3-Dichloropropene	15	U
75-25-2	-----Bromoform	15	U
108-10-1	-----4-Methyl-2-pentanone	15	U
591-78-6	-----2-Hexanone	15	U
127-18-4	-----Tetrachloroethene	40	
79-34-5	-----1,1,2,2-Tetrachloroethane	15	U
108-88-3	-----Toluene	15	U
108-90-7	-----Chlorobenzene	15	U
100-41-4	-----Ethylbenzene	15	U
100-42-5	-----Styrene	15	U
1330-20-7	-----Xylene (total)	15	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SH097-1105-UPMT-16

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra Case No.: _____

SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-015

Sample wt/vol: 4.70 (g/mL) G

Lab File ID: c111320

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: not dec. 29

Date Analyzed: 11/13/97

GC Column: RTX624 ID: 0.32 (mm)

Dilution Factor: 1.06

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH097-1105-UPMT-16RE

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-015

Sample wt/vol: 4.80 (g/mL) G

Lab File ID: c111408

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: not dec. 29

Date Analyzed: 11/14/97

GC Column: RTX624 ID: 0.32 (mm)

Dilution Factor: 1.04

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

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

74-87-3-----	Chloromethane	15	U
74-83-9-----	Bromomethane	15	U
75-01-4-----	Vinyl Chloride	15	U
75-00-3-----	Chloroethane	15	U
75-09-2-----	Methylene Chloride	44	B
67-64-1-----	Acetone	19	B
75-15-0-----	Carbon Disulfide	15	U
75-35-4-----	1,1-Dichloroethene	15	U
75-34-3-----	1,1-Dichloroethane	15	U
540-59-0-----	1,2-Dichloroethene (total)	15	U
67-66-3-----	Chloroform	15	U
107-06-2-----	1,2-Dichloroethane	15	U
78-93-3-----	2-Butanone	15	U
71-55-6-----	1,1,1-Trichloroethane	46	
56-23-5-----	Carbon Tetrachloride	15	U
75-27-4-----	Bromodichloromethane	15	U
78-87-5-----	1,2-Dichloropropane	15	U
10061-01-5-----	cis-1,3-Dichloropropene	15	U
79-01-6-----	Trichloroethene	4	J
124-48-1-----	Dibromochloromethane	15	U
79-00-5-----	1,1,2-Trichloroethane	15	U
71-43-2-----	Benzene	15	U
10061-02-6-----	Trans-1,3-Dichloropropene	15	U
75-25-2-----	Bromoform	15	U
108-10-1-----	4-Methyl-2-pentanone	15	U
591-78-6-----	2-Hexanone	15	U
127-18-4-----	Tetrachloroethene	11	J
79-34-5-----	1,1,2,2-Tetrachloroethane	15	U
108-88-3-----	Toluene	15	U
108-90-7-----	Chlorobenzene	15	U
100-41-4-----	Ethylbenzene	15	U
100-42-5-----	Styrene	15	U
1330-20-7-----	Xylene (total)	15	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Lab Name: Recra.LabNet

Contract: 01667600001

SH097-1105-UPMT-16RE

Lab Code: Recra Case No.: _____

SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-015

Sample wt/vol: 4.80 (g/mL) G

Lab File ID: c111408

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: not dec. 29

Date Analyzed: 11/14/97

GC Column: RTX624 ID: 0.32 (mm)

Dilution Factor: 1.04

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1.	UNKNOWN	5.548	20	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH097-1105-UPMT-16

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-015

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: A122114

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: 29 decanted: (Y/N) _____

Date Extracted: 11/11/97

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 12/21/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y

pH: 7.8

CONCENTRATION UNITS:

CAS NO.

COMPOUND

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

Q

108-95-2-----	Phenol	470	U
111-44-4-----	bis(2-Chloroethyl) ether	470	U
95-57-8-----	2-Chlorophenol	470	U
541-73-1-----	1,3-Dichlorobenzene	470	U
106-46-7-----	1,4-Dichlorobenzene	470	U
95-50-1-----	1,2-Dichlorobenzene	470	U
95-48-7-----	2-Methylphenol	470	U
108-60-1-----	2,2'-oxybis(1-Chloropropane)	470	U
106-44-5-----	4-Methylphenol	470	U
621-64-7-----	N-Nitroso-di-n-propylamine	470	U
67-72-1-----	Hexachloroethane	470	U
98-95-3-----	Nitrobenzene	470	U
78-59-1-----	Isophorone	470	U
88-75-5-----	2-Nitrophenol	470	U
105-67-9-----	2,4-Dimethylphenol	470	U
111-91-1-----	bis(2-Chloroethoxy) methane	470	U
120-83-2-----	2,4-Dichlorophenol	470	U
120-82-1-----	1,2,4-Trichlorobenzene	470	U
91-20-3-----	Naphthalene	70	J
106-47-8-----	4-Chloroaniline	470	U
87-68-3-----	Hexachlorobutadiene	470	U
59-50-7-----	4-Chloro-3-methylphenol	470	U
91-57-6-----	2-Methylnaphthalene	43	J
77-47-4-----	Hexachlorocyclopentadiene	470	U
88-06-2-----	2,4,6-Trichlorophenol	470	U
95-95-4-----	2,4,5-Trichlorophenol	1200	U
91-58-7-----	2-Chloronaphthalene	470	U
88-74-4-----	2-Nitroaniline	1200	U
131-11-3-----	Dimethylphthalate	470	U
208-96-8-----	Acenaphthylene	74	J
606-20-2-----	2,6-Dinitrotoluene	470	U
99-09-2-----	3-Nitroaniline	1200	U
83-32-9-----	Acenaphthene	470	U

685

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH097-1105-UPMT-16

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-015

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: A122114

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: 29 decanted: (Y/N) _____

Date Extracted: 11/11/97

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 12/21/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y

pH: 7.8

CONCENTRATION UNITS:

CAS NO.

COMPOUND

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

Q

51-28-5-----	2,4-Dinitrophenol	1200	U
100-02-7-----	4-Nitrophenol	1200	U
132-64-9-----	Dibenzofuran	470	U
121-14-2-----	2,4-Dinitrotoluene	470	U
84-66-2-----	Diethylphthalate	470	U
7005-72-3-----	4-Chlorophenyl-phenylether	470	U
86-73-7-----	Fluorene	32	J
100-01-6-----	4-Nitroaniline	1200	U
534-52-1-----	4,6-Dinitro-2-methylphenol	1200	U
86-30-6-----	N-Nitrosodiphenylamine (1)	470	U
101-55-3-----	4-Bromophenyl-phenylether	470	U
118-74-1-----	Hexachlorobenzene	470	U
87-86-5-----	Pentachlorophenol	1200	U
85-01-8-----	Phenanthrene	680	
120-12-7-----	Anthracene	150	J
86-74-8-----	Carbazole	80	J
84-74-2-----	Di-n-butylphthalate	110	J
206-44-0-----	Fluoranthene	1100	
129-00-0-----	Pyrene	1100	
85-68-7-----	Butylbenzylphthalate	470	U
91-94-1-----	3,3'-Dichlorobenzidine	470	U
56-55-3-----	Benzo (a) anthracene	670	
218-01-9-----	Chrysene	760	
117-81-7-----	bis (2-Ethylhexyl) phthalate	160	JB
117-84-0-----	Di-n-octyl phthalate	470	U
205-99-2-----	Benzo (b) fluoranthene	630	
207-08-9-----	Benzo (k) fluoranthene	550	
50-32-8-----	Benzo (a) pyrene	570	
193-39-5-----	Indeno (1,2,3-cd) pyrene	380	J
53-70-3-----	Dibenz (a,h) anthracene	150	J
191-24-2-----	Benzo (g,h,i) perylene	470	

(1) - Cannot be separated from Diphenylamine

FORM 1 SV-2

RFW (v3.3) 688

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SH097-1105-UPMT-16

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-015

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: A122114

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: 29 decanted: (Y/N) _____

Date Extracted: 11/11/97

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 12/21/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y

pH: 7.8

CONCENTRATION UNITS:

Number TICs found: 32

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	STYRENE	7.43	1000	J
2.	UNKNOWN	8.05	800	JB
3.	ALDOL CONDENSATE	8.38	700	JAB
4.	UNKNOWN	8.82	200	J
5.	METHYLLSTYRENE	9.17	200	J
6.	C3-ALKYLBENZENE	9.42	700	J
7.	C3-ALKYLBENZENE	9.48	800	J
8.	ALDOL CONDENSATE	9.53	300	JA
9.	UNKNOWN	11.72	200	J
10.	UNKNOWN	11.80	200	J
11.	AROMATIC	12.22	100	J
12.	AROMATIC	12.36	200	J
13.	UNKNOWN	13.54	300	J
14.	ALKANE	19.09	200	J
15.	UNKNOWN	21.10	100	J
16.	UNKNOWN	21.14	400	J
17.	PAH	21.36	300	J
18.	PAH	21.51	200	J
19.	UNKNOWN	21.56	200	J
20.	PAH	22.20	300	J
21.	ALKANE	23.02	200	J
22.	PAH	23.19	200	J
23.	PAH	23.40	300	J
24.	PAH	23.62	300	J
25.	ALKANE	24.29	200	J
26.	UNKNOWN	24.46	200	J
27.	UNKNOWN	24.88	200	J
28.	ALKANE	25.06	200	J
29.	ALKANE	25.96	200	J
30.	ALKANE	28.32	600	J

687

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SH097-1105-UPMT-16

Lab Name: Recra.LabNet

Contract: 01667600001

Lab Code: Recra

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-015

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: A122114

Level: (low/med) LOW

Date Received: 11/06/97

% Moisture: 29 decanted: (Y/N) __

Date Extracted: 11/11/97

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 12/21/97

Injection Volume: 2.0 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y

pH: 7.8

CONCENTRATION UNITS:

Number TICs found: 32

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
31.	PAH	30.39	300	J
32.	ALKANE	31.70	200	J

1D
ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SH097-1105-UPMT-16

Lab Name: Recra.LabNet

Work Order: 01667-600-001-9999-00

Client: NYSDEC

Matrix: (soil/water) SOIL

Lab Sample ID: 9711L177-015

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: 12069735.23

% Moisture: 29 decanted: (Y/N) N

Date Received: 11/06/97

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 11/13/97

Concentrated Extract Volume: 2000 (uL)

Date Analyzed: 12/07/97

Injection Volume: 0.5 (uL)

Dilution Factor: 2.00

GPC Cleanup: (Y/N) Y pH: 7.8

Sulfur Cleanup: (Y/N) N

CAS NO. COMPOUND CONCENTRATION
UNITS: UG/KG Q

319-84-6-----	Alpha-BHC	4.7	U
319-85-7-----	Beta-BHC	4.7	U
319-86-8-----	Delta-BHC	4.7	U
58-89-9-----	gamma-BHC (Lindane)	4.7	U
76-44-8-----	Heptachlor	4.7	U
309-00-2-----	Aldrin	4.7	U
1024-57-3-----	Heptachlor epoxide	4.7	U
959-98-8-----	Endosulfan I	4.7	U
60-57-1-----	Dieldrin	9.5	U
72-55-9-----	4,4'-DDE	9.5	U
72-20-8-----	Endrin	9.5	U
33213-65-9-----	Endosulfan II	9.5	U
72-54-8-----	4,4'-DDD	9.5	U
1031-07-8-----	Endosulfan sulfate	9.5	U
50-29-3-----	4,4'-DDT	24	P
72-43-5-----	Methoxychlor	47	U
53494-70-5-----	Endrin ketone	9.5	U
7421-93-4-----	Endrin aldehyde	9.5	U
5103-71-9-----	alpha-Chlordane	4.7	U
5103-74-2-----	gamma-Chlordane	4.7	U
8001-35-2-----	Toxaphene	470	U
12674-11-2-----	Aroclor-1016	95	U
11104-28-2-----	Aroclor-1221	190	U
11141-16-5-----	Aroclor-1232	95	U
53469-21-9-----	Aroclor-1242	95	U
12672-29-6-----	Aroclor-1248	95	U
11097-69-1-----	Aroclor-1254	95	U
11096-82-5-----	Aroclor-1260	95	U

9/05/98

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

UPMT16

Lab Name: RECRA_LABNET_____ Contract: 1667_____

Lab Code: RECRA_____ Case No.: _____ SAS No.: _____ SDG No.: UPMT01

Matrix (soil/water): SOIL_____ Lab Sample ID: 9711L177-015

Level (low/med): LOW_____ Date Received: 11/06/97

% Solids: _____70.5

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	10800	-		P
7440-36-0	Antimony	11.0	B		P
7440-38-2	Arsenic	24.8	-		P
7440-39-3	Barium	1030	-		P
7440-41-7	Beryllium	0.54	B		P
7440-43-9	Cadmium	11.7	-		P
7440-70-2	Calcium	62400	-		P
7440-47-3	Chromium	121	-		P
7440-48-4	Cobalt	14.0	B		P
7440-50-8	Copper	1860	-	N*	P
7439-89-6	Iron	122000	-		P
7439-92-1	Lead	2370	-	N	P
7439-95-4	Magnesium	25600	-		P
7439-96-5	Manganese	1610	-		P
7439-97-6	Mercury	0.50	-		AV
7440-02-0	Nickel	155	-		P
7440-09-7	Potassium	1210	B		P
7782-49-2	Selenium	2.3	-		P
7440-22-4	Silver	7.1	-		P
7440-23-5	Sodium	194	B		P
7440-28-0	Thallium	1.4	U		P
7440-62-2	Vanadium	32.6	-		P
7440-66-6	Zinc	6120	-		P
5955-70-0	Cyanide	6.6	-		C

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

SH097-1105-UPMT-16

FORM I - IN

ILM04.0



Custody Transfer Record/Lab Work Request

[illegible]

ORIGINAL

REWRITTEN



Custody Transfer Record/Lab Work Request

RECRA LabNet Use Only

9711L177

Client NYSOEC	Refrigerator #	Liquid	Solid
Est. Final Proj. Sampling Date	#Type Container	1611/51	
Project #	Volume	15.4 L	
Project Contact/Phone	Preservatives		
RECRA Project Manager	ANALYSES REQUESTED	ORGANIC	INORG
QC Del TAT		VOA	Metal
Date Rec'd			CN
Account #			

MATRIX CODES:	Lab ID	Client ID/Description	Matrix QC Chosen (✓)		Date Collected	Time Collected	RECRA LabNet Use Only									
			MS	MSD												
S - Soil	011	SH097-1105-UPM-12			11-5-97	1225										
SE - Sediment	012	13				1238										
SO - Solid	013	14				1240										
SL - Sludge	014	15				1245										
W - Water	015	16				1250										
O - Oil																
A - Air																
DS - Drum																
Solids																
DL - Drum																
Liquids																
L - EPTCLP																
Leachate																
WI - Wipe																
X - Other																
F - Fish																

FIELD PERSONNEL: COMPLETE ONLY SHADED AREAS		DATE/REVISIONS:	
Special Instructions:		1. _____	
		2. _____	
		3. _____	
		4. _____	
		5. _____	
		6. _____	
Relinquished by	Received by	Relinquished by	Received by
Res Ex	J. Johnson		
Date	Date	Date	Date
11-6-97	11-6-97		
Time	Time	Time	Time
1000	1000		
Discrepancies Between Samples Labels and COC Record: Y or N			
NOTES:			
RECRA LabNet Use Only			
Samples were: COC Tape was:			
1) Shipped _____ or 1) Present on Outer Packaging Y or N			
Hand Delivered _____			
Airbill # _____			
2) Ambient or Chilled _____ Unbroken on Outer Packaging Y or N			
3) Received in Good _____ Present on Sample Condition Y or N			
4) Label Indicate Properly Preserved Y or N			
5) Received Within Holding Times Y or N			
6) Unbroken on Sample Y or N			
COC Record Present Upon Sample Rec'd Y or N			

RECRA LABNET, a division of Recra Environmental, Inc.

PROJECT NO		SITE NAME		NO OF CONTAINERS		REMARKS	
2a		Upper Mtn. Rd.					
SAMPLERS (SIGNATURE)		STATION LOCATION					
Thomas M. Koch							
STATION NO	DATE	TIME	COMP	GRAB	40 ml vol	12. jugs (BNA's etc.)	32. oz. plastic (metals)
097-1105	11/5/97	12:28 PM		X	7	1	1
02	-	-	-	-	-	-	-
03	11/5/97	10:02 AM		X	2	1	1
04	"	10:25 AM		X	2	1	1
05	"	10:40 AM		X	2	1	1
06	"	10:45 AM		X	2	1	1
07	"	11:05 AM		X	2	1	1
08	"	11:18 AM		X	2	1	1
09	"	11:20 AM		X	2	1	1
10	"	11:30 AM		X	2	1	1
11	"	11:55 AM		X	2	1	1
12	"	12:25 PM		X	2	1	1
13	"	12:38 PM		X	2	1	1
14	"	12:40 PM		X	2	1	1
RELINQUISHED BY (SIGNATURE)				DATE/TIME	RECEIVED BY (SIGNATURE)	DATE/TIME	RECEIVED BY (SIGNATURE)
Thomas M. Koch				11/5/97 4:45 PM		11/5/97 1:30 PM	
RELINQUISHED BY (SIGNATURE)				DATE/TIME	RECEIVED BY (SIGNATURE)	DATE/TIME	RECEIVED BY (SIGNATURE)
Fed Ex				11-6-97 1000			
RELINQUISHED BY (SIGNATURE)				DATE/TIME	RECEIVED FOR LABORATORY BY (SIGNATURE)	DATE/TIME	REMARKS
Fed Ex				11-6-97 1000		11-6-97 1000	Coolers = 6/4/2 = 2/1/3

Distribution: Original accompanies shipment copy to coordinator field files

CHAIN OF CUSTODY RECORD

55075
 51016
 51015
 (GNS)

Distribution: Original accompanies shipment
copy to coordinator field files