

REMEDIAL INVESTIGATION REPORT
DOLLINGER FACILITY
BRIGHTON, NEW YORK
VOLUME II

by

H&A of New York
Rochester, New York

for

Dollinger - A Filtrona Company
Richmond, Virginia

File No. 70007-43
November 1991

AGA

APPENDIX H
Laboratory Data

SDG STW-202



RECRA
ENVIRONMENTAL
INC.



1/19694

RECRA ENVIRONMENTAL, INC.

Chemical and Environmental Analysis Services

**World
University
Games
Buffalo
1993**
GRAND PATRON
HELPING TO BRING THE
WORLD TO BUFFALO

October 24, 1991

Ms. Suzanne Wheatcraft
H & A of New York
189 North Water Street
Rochester, NY 14604

RECEIVED
OCT 23 1991

Re: Analytical Results

Dear Ms. Wheatcraft:

H & A of New York

Please find enclosed revised results concerning the analyses of the samples recently submitted by your firm. The data has been revised to include the correct unit of measure for Total Organic Carbon. The Pertinent Information regarding these analyses is listed below:

Quote #:	NY91-820
SDG #:	STW-202
Case #:	3603
Matrix:	Soil/Aqueous
Samples Received:	8/2/91
Sample Date:	8/1/91

If you have any questions concerning these data, please contact Mr. Jeffrey Radin, Project Manager at (716) 691-2600 and refer to the I.D. number listed below. It has been our pleasure to provide H & A of New York with Environmental Testing Services. We look forward to serving you in the future.

Sincerely,

RECRA ENVIRONMENTAL, INC.

Kenneth P. Kinecki

Director, Analytical Reporting

KLWW/DJK/pab
Enclosure

I.D. #91-2112A, Revised
#91-2112B, Revised
#91-2113A, Revised
#NY 1A3603

**RECRA ENVIRONMENTAL, INC.**

Chemical and Environmental Analysis Services

September 16, 1991



Ms. Suzanne Wheatcraft
H & A of New York
189 North Water Street
Rochester, NY 14604

Re: Analytical Results

Dear Ms. Wheatcraft:

Please find enclosed results concerning the analyses of the samples recently submitted by your firm. The Pertinent Information regarding these analyses is listed below:

Quote #: NY91-820
SDG #: STW-202
Case #: 3603
Matrix: Soil/Aqueous
Samples Received: 8/2/91
Sample Date: 8/1/91

If you have any questions concerning these data, please contact Mr. Jeffrey Radin, Project Manager at (716) 691-2600 and refer to the I.D. number listed below. It has been our pleasure to provide H & A of New York with Environmental Testing Services. We look forward to serving you in the future.

Sincerely,

RECRA ENVIRONMENTAL, INC.

Deborah J. Kinecki

Vice President

New York Environmental
Testing Operations

KLWW/DJK/pab
Enclosure

I.D. #91-2112A
#91-2112B
#91-2113A
#NY1A3603

SAMPLE DATA SUMMARY PACKAGE



19694.1

CASE NARRATIVE

Laboratory Name: Recra Environmental, Inc.

Laboratory Code: RECNY

Case Number: 3603

Contract Number: NY91-820

Sample Identifications:

Field Blank
Organic Carbon #1
Organic Carbon #1 Matrix Duplicate
Organic Carbon #1 Matrix Spike
Organic Carbon #2
STW-202
SW-201
SW-201 Matrix Duplicate
SW-201 Matrix Spike
SW-201 Matrix Spike Duplicate
SW-202
SW-204
SW-204 DUP
Trip Blank #1
Trip Blank #2
Trip Blank f3
Matrix Spike Blank

METHODOLOGY

Analyses were performed in accordance with New York State Analytical Services Protocol 1989.

Analyses for petroleum products were performed in accordance with New York State Department of Health Method 310-13.

COMMENTS

Results of the analysis of petroleum products are based on the matching of retention times between the sample and standards on a single gas chromatographic column.

The standards analyzed for comparison include: regular gasoline, white kerosene, fuel oil #2, fuel oil #4, fuel oils #6, S.A.E. 10, S.A.E. 20, S.A.E. 30 and S.A.E. 40.

Results have been reported utilizing data qualifiers (Q) as defined on the Organic and Inorganic Data Comment Pages.



VOLATILE DATA

Volatile sample and standard areas are listed on the corresponding data system printouts.

Volatile data are processed utilizing Finnigan Autoquantitation and QA Formaster software. All compounds determined to be present by the computer-generated autoquantitation were subjected to a manual ion search for secondary and tertiary ions. Unedited quantitation reports have been submitted.

Chromatographic peaks detected in the first four minutes of volatile analysis are due to moisture from the trap during desorption and are not considered Tentatively Identified Compounds.

SEMIVOLATILE DATA

Semivolatile sample and standard areas are listed on the corresponding data system printouts.

Semivolatile data are processed utilizing Finnigan Autoquantitation and QA Formaster software. All compounds determined to be present by the computer-generated autoquantitation were subjected to a manual ion search for secondary and tertiary ions.

Sample Matrix Spike Blank exhibited poor recoveries for Phenol; 2-Chlorophenol; 1,4-Dichlorobenzene; N-nitroso-Di-n-propylamine; 1,2,4-Trichlorobenzene; Acenaphthene and 4-Nitrophenol.

INORGANIC DATA

The extra zzzzz's found on form 14's of the flame Inorganic Data represent the re-zeroing of the instrument after each sample.

"The data contained in this hardcopy data package has been reviewed for overall data usability and acceptability as authorized by the following signature. No exceptions have been noted to the complete suitability of the data."

Deborah J. Kinecki
Deborah J. Kinecki

9/16/91
Date



Laboratory Name RECRA ENVIRONMENTAL, INC.

USEPA Defined Organic Data Qualifiers:

- U - Indicates compound was analyzed for but not detected.
- J - Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the mass spectral data indicate the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
- C - This flag applies to pesticide results where the identification has been confirmed by GC/MS.
- B - This flag is used when the analyte is found in the associated blank as well as in the sample.
- E - This flag identifies compounds whose concentrations exceed the calibration range of the GC/MS instrument for that specific analysis.
- D - This flag identifies all compounds identified in an analysis at a secondary dilution factor.
- G - The TCLP Matrix Spike recovery was greater than the upper limit of the analytical method.
- L - The TCLP Matrix Spike recovery was lower than the lower limit of the analytical method.
- T - This flag is used when the analyte is found in the associated TCLP extraction as well as in the sample.



INORGANIC DATA COMMENT PAGE

Laboratory Name RECRA ENVIRONMENTAL, INC.

USEPA Defined Inorganic Data Qualifiers:

- B - Indicates a value greater than or equal to the instrument detection limit but less than the contract required detection limit.
- U - Indicates element was analyzed for but not detected. Report with the detection limit value (e.g., 100).
- E - Indicates a value estimated or not reported due to the presence of interference.
- S - Indicates value determined by Method of Standard Addition.
- N - Indicates spike sample recovery is not within control limits.
- * - Indicates duplicate analysis is not within control limits.
- † - Indicates the correlation coefficient for method of standard addition is less than 0.995.
- M - Indicates duplicate injection results exceeded control limits.
- 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.
- G - The TCLP Matrix Spike recovery was greater than the upper limit of the analytical method.
- L - The TCLP Matrix Spike recovery was lower than the lower limit of the analytical method.



1/19762.2

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE IDENTIFICATION
AND
ANALYTICAL REQUIREMENT SUMMARY

CUSTOMER SAMPLE CODE	LABORATORY SAMPLE CODE	ANALYTICAL REQUIREMENTS*					
		VOA* GC/MS	BNA* GC/MS	VOA* GC	PEST* PCB	METALS*	TOTAL ORGANIC CARBON
STW-202	91-2112	HSL/ASP89	HSL/ASP89	DOH/310-13	-	HSL/ASP89	-
SW-201	91-2112	HSL/ASP89	HSL/ASP89	DOH/310-13	-	HSL/ASP89	-
SW-202	91-2112	HSL/ASP89	HSL/ASP89	DOH/310-13	-	HSL/ASP89	-
SW-204	91-2112	HSL/ASP89	HSL/ASP89	DOH/310-13	-	HSL/ASP89	-
SW-204 Dup	91-2112	HSL/ASP89	HSL/ASP89	DOH/310-13	-	HSL/ASP89	-
Field Blank	91-2112	HSL/ASP89	HSL/ASP89	DOH/310-13	HSL/ASP87	HSL/ASP89	-
Trip Blank 1	91-2112	HSL/ASP89	-	-	-	-	-
Trip Blank 2	91-2112	HSL/ASP89	-	-	-	-	-
Trip Blank 3	91-2112	HSL/ASP89	-	-	-	-	-
Organic Carbon #1	91-2112	-	-	-	-	-	ASTM2974-89
Organic Carbon #2	91-2112	-	-	-	-	-	ASTM2974-89

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
VOA ANALYSES

SAMPLE IDENTIFICATION	MATRIX	DATE COLLECTED	DATE RECEIVED AT LAB	DATE EXTRACTED	DATE ANALYZED
STW-202	Aqueous	8/1/91	8/2/91	NA	8/7/91
SW-201	Aqueous	8/1/91	8/2/91	NA	8/6/91
SW-202	Aqueous	8/1/91	8/2/91	NA	8/7/91
SW-204	Aqueous	8/1/91	8/2/91	NA	8/6/91
SW-204 DUP	Aqueous	8/1/91	8/2/91	NA	8/6/91
Field Blank	Aqueous	8/1/91	8/2/91	NA	8/6/91
Trip Blank 1	Aqueous	8/1/91	8/2/91	NA	8/6/91
Trip Blank 2	Aqueous	8/1/91	8/2/91	NA	8/6/91
Trip Blank 3	Aqueous	8/1/91	8/2/91	NA	8/6/91

NYSDEC-2



RECRA ENVIRONMENTAL, INC.

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
B/N-A ANALYSES

SAMPLE IDENTIFICATION	MATRIX	DATE COLLECTED	DATE RECEIVED AT LAB	DATE EXTRACTED	DATE ANALYZED
STW-202	Aqueous	8/1/91	8/2/91	8/7/91	8/22/91
SW-201	Aqueous	8/1/91	8/2/91	8/7/91	8/21/91
SW-202	Aqueous	8/1/91	8/2/91	8/7/91	8/22/91
SW-204	Aqueous	8/1/91	8/2/91	8/7/91	8/21/91
SW-204 DUP	Aqueous	8/1/91	8/2/91	8/7/91	8/21/91
Field Blank	Aqueous	8/1/91	8/2/91	8/7/91	8/21/91



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NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
PESTICIDE/PCB ANALYSES

SAMPLE IDENTIFICATION	MATRIX	DATE COLLECTED	DATE RECEIVED AT LAB	DATE EXTRACTED	DATE ANALYZED
Field Blank	Aqueous	8/1/91	8/2/91	8/7/91	8/23/91



NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
INORGANIC ANALYSES

SAMPLE IDENTIFICATION	MATRIX	METALS REQUESTED	DATE RECEIVED AT LAB	DATE DIGESTED	DATE ANALYZED
STW-202	Aqueous	HSL	8/2/91	8/7/91	8/7-13/91
SW-201	Aqueous	HSL	8/2/91	8/7/91	8/7-13/91
SW-202	Aqueous	HSL	8/2/91	8/7/91	8/7-13/91
SW-204	Aqueous	HSL	8/2/91	8/7/91	8/7-13/91
SW-204 DUP	Aqueous	HSL	8/2/91	8/7/91	8/7-13/91
Field Blank	Aqueous	HSL	8/2/91	8/7/91	8/7-13/91
Organic Carbon#1	Aqueous	-	8/2/91	-	8/22/91
Organic Carbon#2	Aqueous	-	8/2/91	-	8/22/91

NYSDEC-5



RECRA ENVIRONMENTAL, INC.

1/19767.7

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
ORGANIC ANALYSES

SAMPLE IDENTIFICATION	MATRIX	ANALYTICAL PROTOCOL	EXTRACTION METHOD	AUXILARY CLEAN UP	DIL/CONC FACTOR
STW-202	Aqueous	As Required	As Required	As Required	As Required
SW-201	Aqueous	As Required	As Required	As Required	As Required
SW-202	Aqueous	As Required	As Required	As Required	As Required
SW-204	Aqueous	As Required	As Required	As Required	As Required
SW-204 Dup	Aqueous	As Required	As Required	As Required	As Required
Field Blank	Aqueous	As Required	As Required	As Required	As Required
Trip Blank 1	Aqueous	As Required	As Required	As Required	As Required
Trip Blank 2	Aqueous	As Required	As Required	As Required	As Required
Trip Blank 3	Aqueous	As Required	As Required	As Required	As Required



NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
INORGANIC ANALYSES

LABORATORY SAMPLE CODE	MATRIX	ANALYTICAL PROTOCOL	DIGESTION PROCEDURE	MATRIX MODIFIER	DIL/CONC FACTOR
STW-202	Aqueous	HSP/ASP89	HSP/ASP89	As Required	As Required
SW-201	Aqueous	HSP/ASP89	HSP/ASP89	As Required	As Required
SW-202	Aqueous	HSP/ASP89	HSP/ASP89	As Required	As Required
SW-204	Aqueous	HSP/ASP89	HSP/ASP89	As Required	As Required
SW-204 Dup	Aqueous	HSP/ASP89	HSP/ASP89	As Required	As Required
Field Blank	Aqueous	HSP/ASP89	HSP/ASP89	As Required	As Required
Organic Carbon#1	Aqueous	ASTM2974-87	ASTM2974-87	As Required	As Required
Organic Carbon#2	Aqueous	ASTM2974-87	ASTM2974-87	As Required	As Required

NYSDEC-7



1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. **13**

STW202

I b Name: RECRA ENVIRON Contract: NY91-820

I a b Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: STW202

Matrix: (soil/water) WATER Lab Sample ID: STW202

I mple wt/vol: 5.0 (g/mL) ML Lab File ID: G9869

Level: (low/med) LOW Date Received: 08/02/91

% Moisture: not dec. _____ Date Analyzed: 08/07/91

Column: (pack/cap) PACK Dilution Factor: 1.0

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	U
67-64-1-----	Acetone	10	U
75-15-0-----	Carbon Disulfide	5	U
75-35-4-----	1,1-Dichloroethene	5	U
75-34-3-----	1,1-Dichloroethane	5	U
540-59-0-----	1,2-Dichloroethene (total)	5	U
67-66-3-----	Chloroform	5	U
107-06-2-----	1,2-Dichloroethane	5	U
78-93-3-----	2-Butanone	10	U
71-55-6-----	1,1,1-Trichloroethane	5	U
56-23-5-----	Carbon Tetrachloride	5	U
108-05-4-----	Vinyl Acetate	10	U
75-27-4-----	Bromodichloromethane	5	U
78-87-5-----	1,2-Dichloropropane	5	U
10061-01-5-----	cis-1,3-dichloropropene	5	U
79-01-6-----	Trichloroethene	5	U
124-48-1-----	Dibromochloromethane	5	U
79-00-5-----	1,1,2-Trichloroethane	5	U
71-43-2-----	Benzene	5	U
10061-02-6-----	trans-1,3-dichloropropene	5	U
75-25-2-----	Bromoform	5	U
108-10-1-----	4-Methyl-2-Pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	5	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5	U
108-88-3-----	Toluene	5	U
108-90-7-----	Chlorobenzene	5	U
100-41-4-----	Ethylbenzene	5	U
100-42-5-----	Styrene	5	U
1330-20-7-----	Total Xylenes	5.	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

STW202

Lab Name: RECRA ENVIRON Contract: NY91-820

Lab Code: RECNY Case No.: 3603 SAS No.: SDG No.: STW202

Matrix: (soil/water) WATER Lab Sample ID: STW202

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: G9869

Level: (low/med) LOW Date Received: 08/02/91

% Moisture: not dec. Date Analyzed: 08/07/91

Column (pack/cap) PACK Dilution Factor: 1.0

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

Number TICs found: 0

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SW201

Lab Name: RECRA ENVIRONContract: NY91-820Lab Code: RECNYCase No.: 3603

SAS No.: _____

SDG No.: STW202Matrix: (soil/water) WATERLab Sample ID: SW201Sample wt/vol: 5.0 (g/mL) MLLab File ID: E2765Level: (low/med) LOWDate Received: 08/02/91

% Moisture: not dec. _____

Date Analyzed: 08/06/91Column: (pack/cap) PACKDilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	6	J
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	5	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	11	
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Total xylenes	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SW201

Lab Name: RECRA ENVIRON Contract: NY91-820Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: STW202Matrix: (soil/water) WATERLab Sample ID: SW201Sample wt/vol: 5.0 (g/mL) MLLab File ID: E2765Level: (low/med) LOWDate Received: 08/02/91

% Moisture: not dec. _____

Date Analyzed: 08/06/91Column (pack/cap) PACKDilution Factor: 1.0Number TICs found: 0CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SW202

Lab Name: RECRA ENVIRON

Contract: NY91-820

Lab Code: RECNY

Case No.: 3603

SAS No.: _____

SDG No.: STW202

Matrix: (soil/water) WATER

Lab Sample ID: SW202

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

Lab File ID: G9868

Level: (low/med) LOW

Date Received: 08/02/91

% Moisture: not dec. _____

Date Analyzed: 08/07/91

Column: (pack/cap) PACK

Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	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	U
67-64-1	-----Acetone	10	U
75-15-0	-----Carbon Disulfide	5	U
75-35-4	-----1,1-Dichloroethene	5	U
75-34-3	-----1,1-Dichloroethane	5	U
540-59-0	-----1,2-Dichloroethene (total)	5	U
67-66-3	-----Chloroform	5	U
107-06-2	-----1,2-Dichloroethane	5	U
78-93-3	-----2-Butanone	10	U
71-55-6	-----1,1,1-Trichloroethane	5	U
56-23-5	-----Carbon Tetrachloride	5	U
108-05-4	-----Vinyl Acetate	10	U
75-27-4	-----Bromodichloromethane	5	U
78-87-5	-----1,2-Dichloropropane	5	U
10061-01-5	-----cis-1,3-dichloropropene	5	U
79-01-6	-----Trichloroethene	5	U
124-48-1	-----Dibromochloromethane	5	U
79-00-5	-----1,1,2-Trichloroethane	5	U
71-43-2	-----Benzene	5	U
10061-02-6	-----trans-1,3-dichloropropene	5	U
75-25-2	-----Bromoform	5	U
108-10-1	-----4-Methyl-2-Pentanone	10	U
591-78-6	-----2-Hexanone	10	U
127-18-4	-----Tetrachloroethene	5	U
79-34-5	-----1,1,2,2-Tetrachloroethane	5	U
108-88-3	-----Toluene	5	U
108-90-7	-----Chlorobenzene	5	U
100-41-4	-----Ethylbenzene	5	U
100-42-5	-----Styrene	5	U
1330-20-7	-----Total xylenes	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SW202

Lab Name: RECRA ENVIRONContract: NY91-820Lab Code: RECNYCase No.: 3603

SAS No.: _____

SDG No.: STW202Matrix: (soil/water) WATERLab Sample ID: SW202Sample wt/vol: 5.0 (g/mL) MLLab File ID: G9868Level: (low/med) LOWDate Received: 08/02/91

% Moisture: not dec. _____

Date Analyzed: 08/07/91Column (pack/cap) PACKDilution Factor: 1.0Number TICs found: 0CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SW204

Lab Name: RECRA ENVIRON Contract: NY91-820

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: STW202

Matrix: (soil/water) WATER Lab Sample ID: SW204

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: E2766

Level: (low/med) LOW Date Received: 08/02/91

% Moisture: not dec. _____ Date Analyzed: 08/06/91

Column: (pack/cap) PACK Dilution Factor: 1.0

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 U
67-64-1-----	Acetone	10 U
75-15-0-----	Carbon Disulfide	5 U
75-35-4-----	1,1-Dichloroethene	5 U
75-34-3-----	1,1-Dichloroethane	5 U
540-59-0-----	1,2-Dichloroethene (total)	5 U
67-66-3-----	Chloroform	5 U
107-06-2-----	1,2-Dichloroethane	5 U
78-93-3-----	2-Butanone	10 U
71-55-6-----	1,1,1-Trichloroethane	5 U
56-23-5-----	Carbon Tetrachloride	5 U
108-05-4-----	Vinyl Acetate	10 U
75-27-4-----	Bromodichloromethane	5 U
78-87-5-----	1,2-Dichloropropane	5 U
10061-01-5-----	cis-1,3-dichloropropene	5 U
79-01-6-----	Trichloroethene	5 U
124-48-1-----	Dibromochloromethane	5 U
79-00-5-----	1,1,2-Trichloroethane	5 U
71-43-2-----	Benzene	5 U
10061-02-6-----	trans-1,3-dichloropropene	5 U
75-25-2-----	Bromoform	5 U
108-10-1-----	4-Methyl-2-Pentanone	10 U
591-78-6-----	2-Hexanone	10 U
127-18-4-----	Tetrachloroethene	5 U
79-34-5-----	1,1,2,2-Tetrachloroethane	5 U
108-88-3-----	Toluene	5 U
108-90-7-----	Chlorobenzene	5 U
100-41-4-----	Ethylbenzene	5 U
100-42-5-----	Styrene	5 U
1330-20-7-----	Total Xylenes	5 U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SW204

Lab Name: RECRA ENVIRONContract: NY91-820Lab Code: RECNYCase No.: 3603

SAS No.: _____

SDG No.: STW202Matrix: (soil/water) WATERLab Sample ID: SW204Sample wt/vol: 5.0 (g/mL) MLLab File ID: E2766Level: (low/med) LOWDate Received: 08/02/91

% Moisture: not dec. _____

Date Analyzed: 08/06/91Column (pack/cap) PACKDilution Factor: 1.0Number TICs found: 0CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SW204DUP

Lab Name: RECRA ENVIRON Contract: NY91-820

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: STW202

Matrix: (soil/water) WATER Lab Sample ID: SW204DUP

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: E2769

Level: (low/med) LOW Date Received: 08/02/91

% Moisture: not dec. _____ Date Analyzed: 08/06/91

Column: (pack/cap) PACK Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
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	U
67-64-1-----	Acetone	10	U
75-15-0-----	Carbon Disulfide	5	U
75-35-4-----	1,1-Dichloroethene	5	U
75-34-3-----	1,1-Dichloroethane	5	U
540-59-0-----	1,2-Dichloroethene (total)	5	U
67-66-3-----	Chloroform	5	U
107-06-2-----	1,2-Dichloroethane	5	U
78-93-3-----	2-Butanone	10	U
71-55-6-----	1,1,1-Trichloroethane	5	U
56-23-5-----	Carbon Tetrachloride	5	U
108-05-4-----	Vinyl Acetate	10	U
75-27-4-----	Bromodichloromethane	5	U
78-87-5-----	1,2-Dichloropropane	5	U
10061-01-5-----	cis-1,3-dichloropropene	5	U
79-01-6-----	Trichloroethene	5	U
124-48-1-----	Dibromochloromethane	5	U
79-00-5-----	1,1,2-Trichloroethane	5	U
71-43-2-----	Benzene	5	U
10061-02-6-----	trans-1,3-dichloropropene	5	U
75-25-2-----	Bromoform	5	U
108-10-1-----	4-Methyl-2-Pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	5	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5	U
108-88-3-----	Toluene	5	U
108-90-7-----	Chlorobenzene	5	U
100-41-4-----	Ethylbenzene	5	U
100-42-5-----	Styrene	5	U
1330-20-7-----	Total Xylenes	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SW204DUP

Lab Name: RECRA ENVIRONContract: NY91-8203b Code: RECNYCase No.: 3603

SAS No.: _____

SDG No.: STW202Matrix: (soil/water) WATERLab Sample ID: SW204DUPSample wt/vol: 5.0 (g/mL) MLLab File ID: E2769Level: (low/med) LOWDate Received: 08/02/91

% Moisture: not dec. _____

Date Analyzed: 08/06/91Column (pack/cap) PACKDilution Factor: 1.0Number TICs found: 0CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FIELDBLANK

Lab Name: RECRA ENVIRON Contract: NY91-820

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: STW202

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

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: E2764

Level: (low/med) LOW Date Received: 08/02/91

% Moisture: not dec. _____ Date Analyzed: 08/06/91

Column: (pack/cap) PACK Dilution Factor: 1.0

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

74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	5	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Total Xylenes	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FIELDBLANK

Lab Name: RECRA ENVIRON

Contract: NY91-820

Lab Code: RECNY

Case No.: 3603

SAS No.: _____

SDG No.: STW202

Matrix: (soil/water) WATER

Lab Sample ID: FIELDBLANK

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

Lab File ID: E2764

Level: (low/med) LOW

Date Received: 08/02/91

% Moisture: not dec. _____

Date Analyzed: 08/06/91

Column (pack/cap) PACK

Dilution Factor: 1.0

Number TICs found: 0

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

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRIPBLANK1

Lab Name: RECRA ENVIRONContract: NY91-820Lab Code: RECNYCase No.: 3603

SAS No.: _____

SDG No.: STW202Matrix: (soil/water) WATERLab Sample ID: TRIPBLANK1Sample wt/vol: 5.0 (g/mL) MLLab File ID: E2761Level: (low/med) LOWDate Received: 08/02/91

% Moisture: not dec. _____

Date Analyzed: 08/06/91Column: (pack/cap) PACKDilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
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	2	BJ
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	.5	U
1330-20-7	Total Xylenes	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TRIPBLANK1

Lab Name: RECRA ENVIRON Contract: NY91-820Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: STW202Matrix: (soil/water) WATERLab Sample ID: TRIPBLANK1Sample wt/vol: 5.0 (g/mL) MLLab File ID: E2761Level: (low/med) LOWDate Received: 08/02/91

% Moisture: not dec. _____

Date Analyzed: 08/06/91Column (pack/cap) PACKDilution Factor: 1.0

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

Number TICs found: 0

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRIPBLANK2

Lab Name: RECRA ENVIRON Contract: NY91-820

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: STW202

Matrix: (soil/water) WATER Lab Sample ID: TRIPBLANK2

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: E2762

Level: (low/med) LOW Date Received: 08/02/91

% Moisture: not dec. _____ Date Analyzed: 08/06/91

Column: (pack/cap) PACK Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
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	2	BJ
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Total Xylenes	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TRIPBLANK2

Lab Name: RECRA ENVIRON Contract: NY91-820Lab Code: RECNY Case No.: 3603 SAS No.: SDG No.: STW202Matrix: (soil/water) WATERLab Sample ID: TRIPBLANK2Sample wt/vol: 5.0 (g/mL) MLLab File ID: E2762Level: (low/med) LOWDate Received: 08/02/91% Moisture: not dec. Date Analyzed: 08/06/91Column (pack/cap) PACKDilution Factor: 1.0

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

Number TICs found: 0

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. ²⁹

TRIPBLANK3

Lab Name: RECRA ENVIRON Contract: NY91-820

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: STW202

Matrix: (soil/water) WATER Lab Sample ID: TRIPBLANK3

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: E2763

Level: (low/med) LOW Date Received: 08/02/91

% Moisture: not dec. _____ Date Analyzed: 08/06/91

Column: (pack/cap) PACK Dilution Factor: 1.0

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	1	BJ
67-64-1-----	Acetone	10	U
75-15-0-----	Carbon Disulfide	5	U
75-35-4-----	1,1-Dichloroethene	5	U
75-34-3-----	1,1-Dichloroethane	5	U
540-59-0-----	1,2-Dichloroethene (total)	5	U
67-66-3-----	Chloroform	5	U
107-06-2-----	1,2-Dichloroethane	5	U
78-93-3-----	2-Butanone	10	U
71-55-6-----	1,1,1-Trichloroethane	5	U
56-23-5-----	Carbon Tetrachloride	5	U
108-05-4-----	Vinyl Acetate	10	U
75-27-4-----	Bromodichloromethane	5	U
78-87-5-----	1,2-Dichloropropane	5	U
10061-01-5-----	cis-1,3-dichloropropene	5	U
79-01-6-----	Trichloroethene	5	U
124-48-1-----	Dibromochloromethane	5	U
79-00-5-----	1,1,2-Trichloroethane	5	U
71-43-2-----	Benzene	5	U
10061-02-6-----	trans-1,3-dichloropropene	5	U
75-25-2-----	Bromoform	5	U
108-10-1-----	4-Methyl-2-Pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	5	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5	U
108-88-3-----	Toluene	5	U
108-90-7-----	Chlorobenzene	5	U
100-41-4-----	Ethylbenzene	5	U
100-42-5-----	Styrene	5	U
1330-20-7-----	Total xylenes	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TRIPBLANK3

Lab Name: RECRA ENVIRON Contract: NY91-820

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: STW202

Matrix: (soil/water) WATER Lab Sample ID: TRIPBLANK3

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: E2763

Level: (low/med) LOW Date Received: 08/02/91

% Moisture: not dec. _____ Date Analyzed: 08/06/91

Column (pack/cap) PACK Dilution Factor: 1.0

Number TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

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

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. ³¹

STW202

Lab Name: RECRA ENVIRON

Contract: NY91-820

Lab Code: RECNY

Case No.: 3603

SAS No.: _____

SDG No.: STW202

Matrix: (soil/water) WATER

Lab Sample ID: STW202

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

Lab File ID: 85162

Level: (low/med) LOW

Date Received: 08/02/91

% Moisture: not dec. _____ dec. _____

Date Extracted: 08/07/91

Extraction: (SepF/Cont/Sonc) SEPF

Date Analyzed: 08/22/91

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

Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	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
100-51-6-----	Benzyl Alcohol	10	U
95-50-1-----	1,2-Dichlorobenzene	10	U
95-48-7-----	2-Methylphenol	10	U
108-60-1-----	bis(2-Chloroisopropyl) Ether	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
65-85-0-----	Benzoic Acid	50	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	50	U
91-58-7-----	2-Chloronaphthalene	10	U
88-74-4-----	2-Nitroaniline	50	U
131-11-3-----	Dimethyl Phthalate	10	U
208-96-8-----	Acenaphthylene	10	U
606-20-2-----	2,6-Dinitrotoluene	10	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

32
EPA SAMPLE NO.

STW202

Lab Name: RECRA ENVIRON Contract: NY91-820
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: STW202
 Matrix: (soil/water) WATER Lab Sample ID: STW202
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: 8516Z
 Level: (low/med) LOW Date Received: 08/02/91
 % Moisture: not dec. _____ dec. _____ Date Extracted: 08/07/91
 Extraction: (SepF/Cont/Sonc) SEPE Date Analyzed: 08/22/91
 GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	50	U
100-02-7	4-Nitrophenol	50	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	50	U
534-52-1	4,6-Dinitro-2-Methylphenol	50	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	50	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	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	3	J
91-94-1	3,3'-Dichlorobenzidine	20	U
56-55-3	Benzo(a) Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	Bis(2-Ethylhexyl) Phthalate	4	J
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b) Fluoranthene	10	U
207-08-9	Benzo(k) Fluoranthene	10	U
50-32-8	Benzo(a) Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

33

Lab Name: RECRA ENVIRONMENTAL, INC.

Lab Code: RECNY Case No: 3603 SAS No.:

Matrix (Soil/Water): WATER

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

Level (low/med): LOW

% Moisture not Dec: Dec:

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

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

Number TICs Found: 5

EPA Sample No.: STW202

Contract: NY91-820

SDG No.: STW202

Lab Sample ID.: STW202

Lab File ID.: 8516Z

Date Received: 08/02/91

Date Extracted: 08/07/91

Date Analyzed: 08/22/91

Dilution Factor: 1.0

Concentration Units:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	UNKNOWN HYDROCARBON	23.35	24	J
2	UNKNOWN SILOXANE	30.47	10	J
3	UNKNOWN SILOXANE	31.65	12	J
4	UNKNOWN SILOXANE	32.77	12	J
5	UNKNOWN SILOXANE	33.85	9	
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SW201

Lab Name: RECRA ENVIRON Contract: NY91-820

Lab Code: RECNY Case No.: 3603 SAS No.: SDG No.: STW202

Matrix: (soil/water) WATER Lab Sample ID: SW201

Sample wt/vol: 830 (g/mL) ML Lab File ID: 5853W

Level: (low/med) LOW Date Received: 08/02/91

% Moisture: not dec. dec. Date Extracted: 08/07/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 08/21/91

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.00

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

108-95-2-----Phenol	12	U
111-44-4-----bis(2-Chloroethyl) Ether	12	U
95-57-8-----2-Chlorophenol	12	U
541-73-1-----1,3-Dichlorobenzene	12	U
106-46-7-----1,4-Dichlorobenzene	12	U
100-51-6-----Benzyl Alcohol	12	U
95-50-1-----1,2-Dichlorobenzene	12	U
95-48-7-----2-Methylphenol	12	U
108-60-1-----bis(2-Chloroisopropyl) Ether	12	U
106-44-5-----4-Methylphenol	1	J
621-64-7-----N-Nitroso-Di-n-Propylamine	12	U
67-72-1-----Hexachloroethane	12	U
98-95-3-----Nitrobenzene	12	U
78-59-1-----Isophorone	12	U
88-75-5-----2-Nitrophenol	12	U
105-67-9-----2,4-Dimethylphenol	12	U
65-85-0-----Benzoic Acid	2	J
111-91-1-----bis(2-Chloroethoxy) Methane	12	U
120-83-2-----2,4-Dichlorophenol	12	U
120-82-1-----1,2,4-Trichlorobenzene	12	U
91-20-3-----Naphthalene	12	U
106-47-8-----4-Chloroaniline	12	U
87-68-3-----Hexachlorobutadiene	12	U
59-50-7-----4-Chloro-3-Methylphenol	12	U
91-57-6-----2-Methylnaphthalene	12	U
77-47-4-----Hexachlorocyclopentadiene	12	U
88-06-2-----2,4,6-Trichlorophenol	12	U
95-95-4-----2,4,5-Trichlorophenol	60	U
91-58-7-----2-Chloronaphthalene	12	U
88-74-4-----2-Nitroaniline	60	U
131-11-3-----Dimethyl Phthalate	12	U
208-96-8-----Acenaphthylene	12	U
606-20-2-----2,6-Dinitrotoluene	12	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SW201

Lab Name: RECRA ENVIRON Contract: NY91-820

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: STW202

Matrix: (soil/water) WATER Lab Sample ID: SW201

Sample wt/vol: 830 (g/mL) ML Lab File ID: 5853W

Level: (low/med) LOW Date Received: 08/02/91

% Moisture: not dec. _____ dec. _____ Date Extracted: 08/07/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 08/21/91

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.00

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

99-09-2-----	3-Nitroaniline	60	U
83-32-9-----	Acenaphthene	12	U
51-28-5-----	2,4-Dinitrophenol	60	U
100-02-7-----	4-Nitrophenol	60	U
132-64-9-----	Dibenzofuran	12	U
121-14-2-----	2,4-Dinitrotoluene	12	U
84-66-2-----	Diethylphthalate	12	U
7005-72-3-----	4-Chlorophenyl-phenylether	12	U
86-73-7-----	Fluorene	12	U
100-01-6-----	4-Nitroaniline	60	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	60	U
86-30-6-----	N-Nitrosodiphenylamine (1)	12	U
101-55-3-----	4-Bromophenyl-phenylether	12	U
118-74-1-----	Hexachlorobenzene	12	U
87-86-5-----	Pentachlorophenol	60	U
85-01-8-----	Phenanthrene	12	U
120-12-7-----	Anthracene	12	U
84-74-2-----	Di-n-Butylphthalate	12	U
206-44-0-----	Fluoranthene	12	U
129-00-0-----	Pyrene	12	U
85-68-7-----	Butylbenzylphthalate	12	U
91-94-1-----	3,3'-Dichlorobenzidine	24	U
56-55-3-----	Benzo(a) Anthracene	12	U
218-01-9-----	Chrysene	12	U
117-81-7-----	Bis(2-Ethylhexyl) Phthalate	12	U
117-84-0-----	Di-n-Octyl Phthalate	12	U
205-99-2-----	Benzo(b) Fluoranthene	12	U
207-08-9-----	Benzo(k) Fluoranthene	12	U
50-32-8-----	Benzo(a) Pyrene	12	U
193-39-5-----	Indeno(1,2,3-cd) Pyrene	12	U
53-70-3-----	Dibenz(a,h) Anthracene	12	U
191-24-2-----	Benzo(g,h,i) Perylene	12	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: RECRA ENVIRONMENTAL, INC. EPA Sample No.: SW201
 Lab Code: RECNY Case No: 3603 SAS No.: Contract: NY91-820
 Matrix (Soil/Water): WATER SDG No.: STW202
 Sample wt/vol: 830 (g/ml): ML Lab Sample ID.: SW201
 Level (low/med): LOW Lab File ID.: 5853W
 % Moisture not Dec: Dec: Date Received: 08/02/91
 Extraction: (SepF/Cont/Sox/Sox): SEPF Date Extracted: 08/07/91
 GPC Cleanup: (Y/N): N pH: 7.0 Date Analyzed: 08/21/91
 Number TICs Found: 3 Dilution Factor: 1.00
 Concentration Units:
 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	CYCLOHEXEN DERIVATIVE	6.95	11	J
2	UNKNOWN HYDROCARBON	27.28	410	J
3	UNKNOWN HYDROCARBON	27.55	12	J
4				
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SW202

Lab Name: RECRA ENVIRON Contract: NY91-820

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: STW202

Matrix: (soil/water) WATER Lab Sample ID: SW202

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 8517Z

Level: (low/med) LOW Date Received: 08/02/91

% Moisture: not dec. _____ dec. _____ Date Extracted: 08/07/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 08/22/91

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

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

CAS NO.	COMPOUND		
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl Alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	bis(2-Chloroisopropyl)Ether	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
65-85-0	Benzoic Acid	50	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	50	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SW202

Lab Name: RECRA ENVIRON Contract: NY91-820

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: STW202

Matrix: (soil/water) WATER Lab Sample ID: SW202

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 8517Z

Level: (low/med) LOW Date Received: 08/02/91

% Moisture: not dec. _____ dec. _____ Date Extracted: 08/07/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 08/22/91

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

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

99-09-2-----	3-Nitroaniline	50	U
83-32-9-----	Acenaphthene	10	U
51-28-5-----	2,4-Dinitrophenol	50	U
100-02-7-----	4-Nitrophenol	50	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	50	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	50	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	50	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	10	U
84-74-2-----	Di-n-Butylphthalate	10	U
206-44-0-----	Fluoranthene	2	J
129-00-0-----	Pyrene	10	U
85-68-7-----	Butylbenzylphthalate	10	U
91-94-1-----	3,3'-Dichlorobenzidine	20	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

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SW202

Lab Name: RECRA ENVIRON Contract: NY91-820

Lab Code: RECNY Case No.: 3603 SAS No.: SDG No.: STW202

Matrix: (soil/water) WATER Lab Sample ID: SW202

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 8517Z

Level: (low/med) LOW Date Received: 08/02/91

% Moisture: not dec. dec. Date Extracted: 08/07/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 08/22/91

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

Number TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

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

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 40

SW204

Lab Name: RECRA ENVIRON Contract: NY91-820

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: STW202

Matrix: (soil/water) WATER Lab Sample ID: SW204

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 5856W

Level: (low/med) LOW Date Received: 08/02/91

% Moisture: not dec. _____ dec. _____ Date Extracted: 08/07/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 08/21/91

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
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
100-51-6-----	Benzyl Alcohol	10	U
95-50-1-----	1,2-Dichlorobenzene	10	U
95-48-7-----	2-Methylphenol	10	U
108-60-1-----	bis(2-Chloroisopropyl) Ether	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
65-85-0-----	Benzoic Acid	50	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	50	U
91-58-7-----	2-Chloronaphthalene	10	U
88-74-4-----	2-Nitroaniline	50	U
131-11-3-----	Dimethyl Phthalate	10	U
208-96-8-----	Acenaphthylene	10	U
606-20-2-----	2,6-Dinitrotoluene	10	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SW204

Lab Name: RECRA ENVIRONContract: NY91-820Lab Code: RECNYCase No.: 3603

SAS No.: _____

SDG No.: STW202Matrix: (soil/water) WATERLab Sample ID: SW204Sample wt/vol: 1000 (g/mL) MLLab File ID: 5856WLevel: (low/med) LOWDate Received: 08/02/91

% Moisture: not dec. _____ dec. _____

Date Extracted: 08/07/91Extraction: (SepF/Cont/Sonc) SEPFDate Analyzed: 08/21/91GPC Cleanup: (Y/N) N pH: 7.0Dilution Factor: 1.0

CAS NO.

COMPOUND

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

Q

99-09-2-----	3-Nitroaniline	50	U
83-32-9-----	Acenaphthene	10	U
51-28-5-----	2,4-Dinitrophenol	50	U
100-02-7-----	4-Nitrophenol	50	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	50	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	50	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	50	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	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	20	U
56-55-3-----	Benzo(a) Anthracene	10	U
218-01-9-----	Chrysene	10	U
117-81-7-----	Bis(2-Ethylhexyl) Phthalate	0.7	J
117-84-0-----	Di-n-Octyl Phthalate	10	U
205-99-2-----	Benzo(b) Fluoranthene	10	U
207-08-9-----	Benzo(k) Fluoranthene	10	U
50-32-8-----	Benzo(a) Pyrene	10	U
193-39-5-----	Indeno(1,2,3-cd) Pyrene	10	U
53-70-3-----	Dibenz(a,h) Anthracene	10	U
191-24-2-----	Benzo(g,h,i) Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

42

Lab Name: RECRA ENVIRONMENTAL, INC. EPA Sample No.: SW204
 Lab Code: RECNY Case No: 3603 SAS No.: Contract: NY91-820
 Matrix (Soil/Water): WATER SDG No.: STW202
 Sample wt/vol: 1000 (g/ml): ML Lab Sample ID.: SW204
 Level (low/med): LOW Lab File ID.: 5856W
 % Moisture not Dec: Dec: Date Received: 08/02/91
 Extraction: (SepF/Cont/Sonc/Sox): SEPF Bte Extracted: 08/07/91
 GPC Cleanup: (Y/N): N pH: 7.0 Bte Analyzed: 08/21/91
 Number TICs Found: 2 Dilution Factor: 1.0
 Concentration Units:
 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	CYCLOHEXEN DERIVATIVE	8.00	8	J
2	UNKNOWN HYDROCARBON	27.25	45	J
3				
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SW204DUP

Lab Name: RECRA ENVIRONContract: NY91-820Lab Code: RECNYCase No.: 3603

SAS No.: _____

SDG No.: STW202Matrix: (soil/water) WATERLab Sample ID: SW204DUPSample wt/vol: 1000 (g/mL) MLLab File ID: 5857WLevel: (low/med) LOWDate Received: 08/02/91

% Moisture: not dec. _____ dec. _____

Date Extracted: 08/07/91Extraction: (SepF/Cont/Sonc) SEPFDate Analyzed: 08/21/91GPC Cleanup: (Y/N) N pH: 7.0Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
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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
100-51-6-----	Benzyl Alcohol	10	U
95-50-1-----	1,2-Dichlorobenzene	10	U
95-48-7-----	2-Methylphenol	10	U
108-60-1-----	bis(2-Chloroisopropyl) Ether	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
65-85-0-----	Benzoic Acid	50	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	50	U
91-58-7-----	2-Chloronaphthalene	10	U
88-74-4-----	2-Nitroaniline	50	U
131-11-3-----	Dimethyl Phthalate	10	U
208-96-8-----	Acenaphthylene	10	U
606-20-2-----	2,6-Dinitrotoluene	10	

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SW204DUP

Lab Name: RECRA ENVIRONContract: NY91-820Lab Code: RECNYCase No.: 3603

SAS No.: _____

SDG No.: STW202Matrix: (soil/water) WATERLab Sample ID: SW204DUPSample wt/vol: 1000 (g/mL) MLLab File ID: 5857WLevel: (low/med) LOWDate Received: 08/02/91

% Moisture: not dec. _____ dec. _____

Date Extracted: 08/07/91Extraction: (SepF/Cont/Sonc) SEPFDate Analyzed: 08/21/91GPC Cleanup: (Y/N) N pH: 7.0Dilution Factor: 1.0

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

99-09-2-----	3-Nitroaniline	50	U
83-32-9-----	Acenaphthene	10	U
51-28-5-----	2,4-Dinitrophenol	50	U
100-02-7-----	4-Nitrophenol	50	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	50	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	50	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	50	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	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	20	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(q,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA Sample No. : SW204DUP

Lab Name: RECRA ENVIRONMENTAL, INC.

Contract: NY91-820

Lab Code: RECNY

Case No: 3603

SAS No.:

SDG No.: STW202

Matrix (Soil/Water): WATER

Lab Sample ID.: SW204DUP

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

Lab File ID.: 5857W

Level (low/med): LOW

Date Received: 08/02/91

% Moisture not Dec: Dec:

Date Extracted: 08/07/91

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

Date Analyzed: 08/21/91

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

Dilution Factor: 1.0

Number TICs Found: 4

Concentration Units:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	CYCLOHEXEN DERIVATIVE	6.95	9	J
2	CYCLOHEXEN DERIVATIVE	8.00	10	J
3	UNKNOWN	17.77	10	J
4	UNKNOWN HYDROCARBON	27.25	38	J
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FIELDBLANK

Lab Name: RECRA ENVIRON Contract: NY91-820Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: STW202Matrix: (soil/water) WATER Lab Sample ID: FIELDBLANKSample wt/vol: 1000 (g/mL) ML Lab File ID: 5851WLevel: (low/med) LOW Date Received: 08/02/91% Moisture: not dec. _____ dec. _____ Date Extracted: 08/07/91Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 08/21/91GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	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
100-51-6-----	Benzyl Alcohol	10	U
95-50-1-----	1,2-Dichlorobenzene	10	U
95-48-7-----	2-Methylphenol	10	U
108-60-1-----	bis(2-Chloroisopropyl) Ether	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
65-85-0-----	Benzoic Acid	50	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	50	U
91-58-7-----	2-Chloronaphthalene	10	U
88-74-4-----	2-Nitroaniline	50	U
131-11-3-----	Dimethyl Phthalate	10	U
208-96-8-----	Acenaphthylene	10	U
606-20-2-----	2,6-Dinitrotoluene	10	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FIELDBLANK

Lab Name: RECRA ENVIRON Contract: NY91-820

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: STW202

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

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 5851W

Level: (low/med) LOW Date Received: 08/02/91

% Moisture: not dec. _____ dec. _____ Date Extracted: 08/07/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 08/21/91

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
99-09-2-----	3-Nitroaniline	50	U
83-32-9-----	Acenaphthene	10	U
51-28-5-----	2,4-Dinitrophenol	50	U
100-02-7-----	4-Nitrophenol	50	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	50	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	50	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	50	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	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	3	J
91-94-1-----	3,3'-Dichlorobenzidine	20	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

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FIELD BLANK

Lab Name: RECRA ENVIRONContract: NY91-820Lab Code: RECNYCase No.: 3603

SAS No.: _____

SDG No.: STW202Matrix: (soil/water) WATERLab Sample ID: FIELD BLANKSample wt/vol: 1000 (g/mL) MLLab File ID: 5851WLevel: (low/med) LOWDate Received: 08/02/91

% Moisture: not dec. _____ dec. _____

Date Extracted: 08/07/91Extraction: (SepF/Cont/Sonc) SEPFDate Analyzed: 08/21/91GPC Cleanup: (Y/N) N pH: 7.0Dilution Factor: 1.0Number TICs found: 0CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

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

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FIELDBLANK

Lab Name: RECRA ENVIRON Contract: _____

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: STW202

Matrix: (soil/water) WATER Lab Sample ID: SW5318

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

Level: (low/med) LOW Date Received: 08/02/91

% Moisture: not dec. _____ dec. _____ Date Extracted: 08/07/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 08/23/91

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.00

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

CAS NO.	COMPOUND		
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
5103-71-9	alpha-chlordane	0.50	U
5103-74-2	gamma-chlordane	0.50	U
8001-35-2	Toxaphene	1.0	U
12674-11-2	Aroclor-1016	0.50	U
11104-28-2	Aroclor-1221	0.50	U
11141-16-5	Aroclor-1232	0.50	U
53469-21-9	Aroclor-1242	0.50	U
12672-29-6	Aroclor-1248	0.50	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

H & A OF NEW YORK
AQUEOUS MATRIX
DOH METHOD 310-13

50

LAB NAME RECRA ENVIRONMENTAL INC.
JOB NO. 91-2112

SAMPLE DATE 08/01/91
EXTRACTION DATE 08/07/91
ANALYSIS DATE 08/12/91

SAMPLE NO. SW-201

PARAMETER	
Petroleum Products	ND

ND=NONE DETECTED

132

H & A OF NEW YORK
AQUEOUS MATRIX
DOH METHOD 310-13

LAB NAME RECRA ENVIRONMENTAL INC.
JOB NO. 91-2112

SAMPLE DATE 08/01/91
EXTRACTION DATE 08/07/91
ANALYSIS DATE 08/12/91

SAMPLE NO. SW-202

PARAMETER	
Petroleum Products	ND

ND=NONE DETECTED

H & A OF NEW YORK
AQUEOUS MATRIX
DOH METHOD 310-13

LAB NAME RECRA ENVIRONMENTAL INC.
JOB NO. 91-2112

SAMPLE DATE 08/01/91
EXTRACTION DATE 08/07/91
ANALYSIS DATE 08/12/91

SAMPLE NO. SW-204

PARAMETER	
Petroleum Products	ND

ND=NONE DETECTED

H & A OF NEW YORK
AQUEOUS MATRIX
DOH METHOD 310-13

LAB NAME RECRA ENVIRONMENTAL INC.
JOB NO. 91-2112

SAMPLE DATE 08/01/91
EXTRACTION DATE 08/07/91
ANALYSIS DATE 08/12/91

SAMPLE NO. SW-204 DUP

PARAMETER	
Petroleum Products	ND

ND=NONE DETECTED

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

STW202

Lab Name: RECRA_ENVIRONMENTAL_INC. Contract: NY91-820

Lab Code: RECNY Case No.: 3603- SAS No.: SDG No.: STW202

Matrix (soil/water): WATER Lab Sample ID: 8570

Level (low/med): LOW Date Received: 08/02/91

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	1470	-		P
7440-36-0	Antimony	5.0	U		F
7440-38-2	Arsenic	5.0	U		F
7440-39-3	Barium	122	B		P
7440-41-7	Beryllium	5.0	U		P
7440-43-9	Cadmium	6.0	-		A
7440-70-2	Calcium	92600	-		P
7440-47-3	Chromium	24.0	-		P
7440-48-4	Cobalt	20.0	U		P
7440-50-8	Copper	78.8	-		P
7439-89-6	Iron	7080	-		P
7439-92-1	Lead	415	-	SN	F
7439-95-4	Magnesium	43000	-		P
7439-96-5	Manganese	222	-		P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	20.0	U	N	P
7440-09-7	potassium	8510	-		P
7782-49-2	Selenium	5.0	U	W	F
7440-22-4	Silver	5.0	U		A
7440-23-5	Sodium	96100	-	E	P
7440-28-0	Thallium	5.0	U		F
7440-62-2	Vanadium	30.0	U		P
	Zinc	1180	-		P
	Cyanide		-		NR

Color Before: COLORLESS Clarity Before: CLOUDY Texture:

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SW201

Lab Name: RECRA_ENVIRONMENTAL_INC._ Contract: NY91-820_

Lab Code: RECNY_ Case No.: 3603_ SAS No.: _ SDG No.: STW202

Matrix (soil/water): WATER

Lab Sample ID: 8564_

Level (low/med): LOW_

Date Received: 08/02/91

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	265	-		P
7440-36-0	Antimony:	5.0	U		F
7440-38-2	Arsenic	5.0	U		F
7440-39-3	Barium	51.9	B		P
7440-41-7	Beryllium	5.0	U		P
7440-43-9	Cadmium	5.0	U		A
7440-70-2	Calcium	41300			P
7440-47-3	Chromium	10.0	U		P
7440-48-4	Cobalt	20.0	U		P
7440-50-8	Copper	23.5	B		P
7439-89-6	Iron	1350			P
7439-92-1	Lead	22.3	-	+N	F
7439-95-4	Magnesium	14400	-		P
7439-96-5	Manganese	206	-		P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	20.0	U	N	P
7440-09-7	Potassium	1760	B		P
7782-49-2	Selenium	5.0	U	W	F
7440-22-4	Silver	5.0	U		A
7440-23-5	Sodium	23900		E	P
7440-28-0	Thallium	5.0	U		F
7440-62-2	Vanadium	30.0	U		P
7440-66-6	Zinc	366	-		P
	Cyanide		-		NR

Color Before: COLORLESS

Clarity Before: CLOUDY

Texture: _

Color After: YELLOW_

Clarity After: CLEAR_

Artifacts: _

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SW202

Lab Name: RECRA_ENVIRONMENTAL_INC. Contract: NY91-820

Lab Code: RECNY Case No.: 3603- SAS No.: SDG No.: STW202

Matrix (soil/water): WATER Lab Sample ID: 8571

Level (low/med): LOW Date Received: 08/02/91

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	1000	-		P
7440-36-0	Antimony	5.0	U		F
7440-38-2	Arsenic	5.0	U		F
7440-39-3	Barium	104	B		P
7440-41-7	Beryllium	5.0	U		P
7440-43-9	Cadmium	5.0	U		A
7440-70-2	Calcium	220000			P
7440-47-3	Chromium-	10.0	U		P
7440-48-4	Cobalt	20.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	8420			P
7439-92-1	Lead	33.0		N	F
7439-95-4	Magnesium	39200			P
7439-96-5	Manganese	2170			P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	30.7	B	N	P
7440-09-7	Potassium	667	B		P
7782-49-2	Selenium-	5.0	U	W	F
7440-22-4	Silver	7.0	B		A
7440-23-5	Sodium	72600		E	P
7440-28-0	Thallium	5.0	U	W	F
7440-62-2	Vanadium	30.0	U		P
	Zinc	44.5			P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLOUDY Texture:

Color After: YELLOW Clarity After: CLEAR- Artifacts:

Comments:

U.S. EPA - CLP

¹
 INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SW204

Lab Name: RECRA_ENVIRONMENTAL_INC. Contract: NY91-820

Lab Code: RECNY Case No.: 3603- SAS No.: SDG No.: STW202

Matrix (soil/water): WATER

Lab Sample ID: 8567

Level (low/med): LOW

Date Received: 08/02/91

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-	6100	-		P
7440-36-0	Antimony-	5.0	U		F
7440-38-2	Arsenic -	5.0	U		F
7440-39-3	Barium -	128	B		P
7440-41-7	Beryllium	5.0	U		P
7440-43-9	Cadmium -	5.0	U		A
7440-70-2	Calcium -	110000			P
7440-47-3	Chromium	10.0	U		P
7440-48-4	Cobalt -	20.0	U		P
7440-50-8	Copper	37.9	-		P
7439-89-6	Iron	8230	-		P
7439-92-1	Lead	45.0	-	N	F
7439-95-4	Magnesium	22200	-		P
7439-96-5	Manganese	489	-		P
7439-97-6	Mercury -	0.51	-		CV
7440-02-0	Nickel	20.0	U	N	P
7440-09-7	Potassium	5190			P
7782-49-2	Selenium	5.0	U	W	F
7440-22-4	Silver	5.0	U		A
7440-23-5	Sodium	33700		E	P
7440-28-0	Thallium	5.0	U	W	F
7440-62-2	Vanadium-	30.0	U		P
7440-66-6	Zinc	242	-		P
	Cyanide		-		NR

Color Before: BROWN

Clarity Before: CLOUDY

Texture:

Color After: YELLOW

Clarity After: CLEAR-

Artifacts:

Comments:

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SW204DUP

Lab Name: RECRA_ENVIRONMENTAL_INC. Contract: NY91-820

Lab Code: RECNY Case No.: 3603- SAS No.: SDG No.: STW202

Matrix (soil/water): WATER Lab Sample ID: 8568

Level (low/med): LOW Date Received: 08/02/91

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	4820	—	—	P
7440-36-0	Antimony	5.0	U	—	F
7440-38-2	Arsenic	5.0	U	—	F
7440-39-3	Barium	123	B	—	P
7440-41-7	Beryllium	5.0	U	—	P
7440-43-9	Cadmium	5.0	U	—	A
7440-70-2	Calcium	110000	—	—	P
7440-47-3	Chromium	11.6	—	—	P
7440-48-4	Cobalt	20.0	U	—	P
7440-50-8	Copper	36.0	—	—	P
7439-89-6	Iron	7590	—	—	P
7439-92-1	Lead	45.0	—	N	F
7439-95-4	Magnesium	22000	—	—	P
7439-96-5	Manganese	484	—	—	P
7439-97-6	Mercury	0.29	—	—	CV
7440-02-0	Nickel	20.0	U	N	P
7440-09-7	Potassium	4710	B	—	P
7782-49-2	Selenium	5.0	U	W	F
7440-22-4	Silver	5.0	U	—	A
7440-23-5	Sodium	33900	—	E	P
7440-28-0	Thallium	5.0	U	—	F
7440-62-2	Vanadium	30.0	U	—	P
7440-66-6	Zinc	238	—	—	P
—	Cyanide	—	—	—	NR

Color Before: BROWN Clarity Before: CLOUDY Texture:

Color After: YELLOW Clarity After: CLEAR- Artifacts:

Comments:

U.S. EPA - CLP

INORGANIC ANALYSES DATA SHEET¹

EPA SAMPLE NO.

FLDBLK

Lab Name: RECRA_ENVIRONMENTAL-INC. Contract: NY91-820

Lab Code: RECNY Case No.: 3603- SAS No.: SDG No.: STW202

Matrix (soil/water): WATER

Lab Sample ID: 8569

Level (low/med): LOW

Date Received: 08/02/91

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	50.0	U		P
7440-36-0	Antimony	5.0	U		F
7440-38-2	Arsenic	5.0	U	W	F
7440-39-3	Barium	30.0	U		P
7440-41-7	Beryllium	5.0	U		P
7440-43-9	Cadmium	5.0	U		A
7440-70-2	Calcium	592	B		P
7440-47-3	Chromium	10.0	U		P
7440-48-4	Cobalt	20.0	U		P
7440-50-8	Copper	29.9			P
7439-89-6	Iron	119			P
7439-92-1	Lead	5.0		N	F
7439-95-4	Magnesium	200	U		P
7439-96-5	Manganese	5.0	U		P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	20.0	U	N	P
7440-09-7	Potassium	200	U		P
7782-49-2	Selenium	5.0	U	W	F
7440-22-4	Silver	5.0	U		A
7440-23-5	Sodium	473	B	E	P
7440-28-0	Thallium	5.0	U		F
7440-62-2	Vanadium	30.0	U		P
	Zinc	16.3	B		P
	Cyanide	10.0	U		C

Color Before: COLORLESS

Clarity Before: CLOUDY

Texture:

Color After: YELLOW

Clarity After: CLEAR

Artifacts:

Comments:

FIELD BLANK

H & A OF NEW YORK
AQUEOUS MATRIX
WATER QUALITY TESTING

LAB NAME RECRA ENVIRONMENTAL INC.
JOB NO. 91-2112
DESC ORGANIC CARBON #1
SAMPLE NO. CARBON #1

SAMPLE DATE 08/01/91

COMPOUND	UNIT OF MEASURE	METHOD NUMBER	ANALYSIS DATE	RESULT	Q
otal Organic Carbon	%	2974-87*	08/22/91	14	

I *AMERICAN SOCIETY FOR TESTING MATERIALS

H & A OF NEW YORK
AQUEOUS MATRIX
WATER QUALITY TESTING

LAB NAME RECRA ENVIRONMENTAL INC.
JOB NO. 91-2112
DESC ORGANIC CARBON #1 MD
SAMPLE NO. CARBON #1 MD

SAMPLE DATE 08/01/91

COMPOUND	UNIT OF MEASURE	METHOD NUMBER	ANALYSIS DATE	RESULT	Q
Total Organic Carbon	%	12974-87*	08/22/91	14	

AMERICAN SOCIETY FOR TESTING MATERIALS

H & A OF NEW YORK
AQUEOUS MATRIX
WATER QUALITY TESTING

LAB NAME RECRA ENVIRONMENTAL INC.
JOB NO. 91-2112
DESC ORGANIC CARBON #2
SAMPLE NO. CARBON #2

SAMPLE DATE 08/01/91

COMPOUND	UNIT OF MEASURE	METHOD NUMBER	ANALYSIS DATE	RESULT	Q
Total Organic Carbon	%	2974-87"	08/22/91	24	

"AMERICAN SOCIETY FOR TESTING MATERIALS

2A
WATER VOLATILE SURROGATE RECOVERY

Lab Name: RECRA ENVIRON Contract: NY91-820

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: STW202

	EPA SAMPLE NO.	S1 (TOL) #	S2 (BFB) #	S3 (DCE) #	OTHER	TOT OUT
	=====	=====	=====	=====	=====	=====
01	FIELD BLANK	100	98	110	0	0
02	MSB	98	97	100	0	0
03	STW202	97	92	100	0	0
04	SW201	99	98	111	0	0
05	SW202	96	99	100	0	0
06	SW204	100	100	111	0	0
07	SW204DUP	100	97	109	0	0
08	TRIP BLANK1	100	102	109	0	0
09	TRIP BLANK2	102	102	108	0	0
10	TRIP BLANK3	101	101	110	0	0
11	SW201MS	100	100	108	0	0
12	SW201MSD	101	99	110	0	0
13	VLK07	98	101	106	0	0
14	VLK25	96	98	97	0	0

QC LIMITS

S1 (TOL) = Toluene-d8 (88-110)
 S2 (BFB) = Bromofluorobenzene (86-115)
 S3 (DCE) = 1,2-Dichloroethane-d4 (76-114)

Column to be **used** to flag recovery values

* Values outside of contract required QC limits

D Surrogates diluted out

2C
WATER SEMIVOLATILE SURROGATE RECOVERY

Lab Name: RECRA ENVIRON Contract: NY91-820

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: STW202

	EPA SAMPLE NO.	S1 (NBZ) #	S2 (FBP) #	S3 (TPH) #	S4 (PHL) #	S5 (2FP) #	S6 (TBP) #	OTHER	TOT OUT
01	FIELD BLANK	78	87	138	44	74	133 *	0	1
02	MSB	57	63	99	38	66	124 *	0	1
03	STW202	88	81	77	46	80	118	0	0
04	SW201	83	85	105	54	96	152 *	0	1
05	SW202	84	79	73	40	74	126 *	0	1
06	SW204	76	80	69	55	100	148 *	0	1
07	SW204DUP	83	92	77	49	90	151 *	0	1
08	SW201MS	72	64	79	42	63	110	0	0
09	SW201MSD	76	68	75	46	74	120	0	0
10	SBLK91	52	52	115	38	61	119	0	0
11	SBLK75	51	52	94	36	65	111	0	0

QC LIMITS

S1 (NBZ) = Nitrobenzene-d5 (35-114)
 S2 (FBP) = 2-Fluorobiphenyl (43-116)
 S3 (TPH) = Terphenyl (33-141)
 S4 (PHL) = Phenol-d5 (10-94)
 S5 (2FP) = 2-Fluorophenol (21-100)
 S6 (TBP) = 2,4,6-Tribromophenol (10-123)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogates diluted out

2E
WATER PESTICIDE SURROGATE RECOVERY

Lab Name: RECRA ENVIRON Contract: _____

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: STW202

	EPA SAMPLE NO. =====	S1 (DBC) # =====	OTHER =====
01	PBLK50	98	0
02	FIELDBLANK	94	0

ADVISORY
QC LIMITS
(24-154)

S1 (DBC) = Dibutylchloredate

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogates diluted out

3X
WATER VOLATILE MATRIX SPIKE RECOVERY

Lab Name: RECRA ENVIRON

Contract: NY91-820 *mm* 8/31/91

Lab Code: RECNY

Case No.: 3603

SAS No.:

SDG No.: STW-202

Matrix Spike - Sample No.: MSBLANK

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC LIMITS REC.
1,1-Dichloroethene	50.0	0	50.4	101	75-125
Trichloroethene	50.0	0	46.4	93	75-125
Benzene	50.0	0	48.2	96	75-125
Toluene	50.0	0	45.8	92	75-125
Chlorobenzene	50.0	0	47.6	95	75-125

* Values outside of QC limits

Spike Recovery: 0 out of 5 outside limits

COMMENTS: VBLK07
51E

3A

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

ab Name: RECRA ENVIRON Contract: NY91-820ab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: STW202Matrix Spike - EPA Sample No.: SW201

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC LIMITS REC.
1,1-Dichloroethene	50.0	0	49.8	100	61-145
Trichloroethene	50.0	0	47.0	94	71-120
Benzene	50.0	0	49.0	98	76-127
Toluene	50.0	0	47.0	94	76-125
Chlorobenzene	50.0	0	47.4	95	75-130

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD	REC.
1,1-Dichloroethene	50.0	50.2	100	0	14	61-145
Trichloroethene	50.0	47.2	94	0	14	71-120
Benzene	50.0	48.4	97	1	11	76-127
Toluene	50.0	46.2	92	2	13	76-125
Chlorobenzene	50.0	46.6	93	2	13	75-130

: Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 5 outside limitsSpike Recovery: 0 out of 10 outside limitsCOMMENTS: SW201 JOB2113A
51E

3X
WATER SEMIVOLATILE MATRIX SPIKE RECOVERY

Lab Name: RECRA ENVIRON

Contract: NY91-820

Lab Code: RECNY

Case No.: 3603

SAS No.:

SDG No.: STW202

Matrix Spike - Sample No.: MSBLANK

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC LIMITS REC.
Phenol	200	0	69.0	34 *	75-125
2-Chlorophenol	200	0	145	72 *	75-125
1,4-Dichlorobenzene	100	0	48.0	48 *	75-125
N-Nitroso-di-n-prop.(1)	100	0	48.4	48 *	75-125
1,2,4-Trichlorobenzene	100	0	48.8	49 *	75-125
4-Chloro-3-methylphenol	200	0	183	92 *	75-125
Acenaphthene	100	0	74.0	74 *	75-125
4-Nitrophenol	200	0	90.8	45 *	75-125
2,4-Dinitrotoluene	100	0	92.6	93	75-125
Pentachlorophenol	200	0	182	91	75-125
Pyrene	100	0	119	119	75-125

(1) N-Nitroso-di-n-propylamine

* Values outside of QC limits

Spike Recovery: 7 out of 11 outside limits

COMMENTS: SBLK91 JOB2113A BN3698/99
AUTOSAMPLR I50W

WATER SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: RECRA ENVIRON Contract: NY91-820Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: STW202Matrix Spike - EPA Sample No.: SW201

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC LIMITS REC.
Phenol	241	0	107	44	12- 86
2-Chlorophenol	241	0	166	69	27-123
1,4-Dichlorobenzene	120	0	63.4	53	36 97
N-Nitroso-di-n-prop. (1)	120	0	64.6	54	41 116
1,2,4-Trichlorobenzene	120	0	63.4	53	39 98
4-Chloro-3-methylphenol	241	0	204	85	23 97
Acenaphthene	120	0	84.1	70	46-118
4-Nitrophenol	241	0	93.7	39	10- 80
2,4-Dinitrotoluene	120	0	87.5	73	24- 96
Pentachlorophenol	241	0	106	44	9-103
Pyrene	120	0	107	89	26-127

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD	REC.
Phenol	241	118	49	-11	42	12- 86
2-Chlorophenol	241	195	81	-16	40	27-123
1,4-Dichlorobenzene	120	69.2	58	-9	28	36 97
N-Nitroso-di-n-prop. (1)	120	66.0	55	-2	38	41 116
1,2,4-Trichlorobenzene	120	73.0	61	-14	28	39 98
4-Chloro-3-methylphenol	241	223	93	-9	42	23 97
Acenaphthene	120	88.2	74	-6	31	46-118
4-Nitrophenol	241	104	43	-10	50	10- 80
2,4-Dinitrotoluene	120	91.3	76	-4	38	24- 96
Pentachlorophenol	241	133	55	-22	50	9-103
Pyrene	120	110	92	-3	31	26-127

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limitsRPD: 0 out of 11 outside limitsSpike Recovery: 0 out of 22 outside limitsCOMMENTS: SW201 JOB2113A BN3704/05
AUTOSAMPLR I50W

1/19694.2

DOH Method 310-13

QUALITY CONTROL INFORMATION - ACCURACY
AQUEOUS MATRIX

PARAMETER	SAMPLE IDENTIFICATION	ug OF SPIKE	MATRIX SPIKE % RECOVERY	MATRIX SPIKE DUPLICATE % RECOVERY
Petroleum Products	SW-201	2000	95	70

I.D. #91-2112



RECRA ENVIRONMENTAL, INC.

DOH METHOD 310-13
QUALITY CONTROL INFORMATION - PRECISION
AQUEOUS MATRIX

PARAMETER	SAMPLE IDENTIFICATION	VALUE 1	VALUE 2	MEAN	STANDARD DEVIATION
Petroleum Products	SW-201	ND	ND	ND	-

ND = None Detected

I.D. #91-2112



5A
SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

ab Name: RECRA_ENVIRONMENTAL_INC._

Contract: NY91-820_

SW201S

ab Code: RECNY_

Case No.: 3603-

SAS No.: _____

SDG No.: STW202

Matrix: WATER

Level (low/med): LOW

Solids for Sample: 0.0

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

Analyte	Control Limit %R	Spiked Sample Result (SSR) C	Sample Result (SR) C	Spike Added (SA)	%R	Q	M
Aluminum	75-125-	2262.3670	265.3670	2000.00	99.8	-	P
Antimony	75-125-	61.0000	5.0000	50.00	122.0	-	F
Arsenic	75-125-	22.0000	5.0000	20.00	110.0	-	F
Barium	75-125-	1963.2000	51.9000	2000.00	95.6	-	P
Beryllium	75-125-	51.3330	5.0000	50.00	102.7	-	P
Cadmium	75-125-	47.0000	5.0000	50.00	94.0	-	A
Calcium	75-125-	134391.9330	41264.1330	100000.00	93.1	-	P
Chromium	75-125-	213.1330	10.0000	200.00	106.6	-	P
Cobalt	75-125-	496.0670	20.0000	500.00	99.2	-	P
Copper	75-125-	284.4330	23.5000	250.00	104.4	-	P
Iron	75-125-	2322.6330	1350.9000	1000.00	97.2	-	P
Lead	75-125-	710.0000	22.2510	500.00	137.5	N	F
Magnesium	75-125-	61502.4670	14379.6330	50000.00	94.2	-	P
Manganese	75-125-	594.8670	206.5000	500.00	77.7	-	P
Mercury	75-125-	4.9810	0.2000	5.00	99.6	-	CV
Nickel	75-125-	504.5670	20.0000	400.00	126.1	N	P
Potassium	75-125-	52565.7000	1760.6000	50000.00	101.6	-	P
Selenium	75-125-	8.0000	5.0000	10.00	80.0	-	F
Silver	75-125-	57.0000	5.0000	50.00	114.0	-	A
Sodium	75-125-	122989.3000	23876.9670	100000.00	99.1	-	P
Thallium	75-125-	49.0000	5.0000	50.00	98.0	-	-
Vanadium	75-125-	507.4330	30.0000	500.00	101.5	-	-
Zinc	75-125-	552.1670	365.5670	200.00	93.3	-	P
Cyanide							NR

Comments:

5B
POST DIGEST SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

Lab Name: RECRA_ENVIRONMENTAL_INC. Contract: NY91-820

SW201A

Lab Code: RECNY Case No.: 3603- SAS No.: SDG No.: STW202

Matrix: WATER Level (low/med): LOW

Concentration Units: ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR) C	Sample Result (SR) C	Added (SA)	%R	Q	M
Aluminum							NR
Antimony							NR
Arsenic							NR
Barium							NR
Beryllium							NR
Cadmium							NR
Calcium							NR
Chromium							NR
Cobalt							NR
Copper							NR
Iron							NR
Lead							NR
Magnesium							NR
Manganese							NR
Mercury							NR
Nickel		9601.87	20.00	10000.0	96.0		P
Potassium							NR
Selenium							NR
Silver							NR
Sodium							NR
Thallium							NR
Vanadium							NR
Zinc							NR
Cyanide							NR

Comments:

U.S. EPA - CLP

6
DUPLICATES

EPA SAMPLE NO.

SW201D

Lab Name: RECRA_ENVIRONMENTAL_INC. Contract: NY91-820

Lab Code: RECNY Case No.: 3603- SAS No.: SDG No.: STW202

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0 % Solids for Duplicate: 0.0

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

Analyte	Control Limit	Sample (S) C	Duplicate (D) C	RPD	Q	M
Aluminum	200.0	265.3670	233.9000	12.6		P
Antimony		5.0000 U	5.0000 U			F
Arsenic		5.0000 U	5.0000 U			F
Barium		51.9000 B	48.5670 B	6.6		P
Beryllium		5.0000 U	5.0000 U			P
Cadmium		5.0000 U	5.0000 U			A
Calcium		41264.1330	41181.5000	0.2		P
Chromium		10.0000 U	10.0000 U			P
Cobalt		20.0000 U	20.0000 U			P
Copper		23.5000 B	21.2330 B	10.1		P
Iron		1350.9000	1357.2000	0.5		P
		22.2510	21.7650	2.2		F
Magnesium	5000.0	14379.6330	14429.2000	0.3		P
Manganese		206.5000	207.7000	0.6		P
Mercury		0.2000 U	0.2000 U			CV
Nickel		20.0000 U	20.0000 U			P
Potassium		1760.6000 B	1778.9670 B	1.0		P
Selenium		5.0000 U	5.0000 U			F
Silver		5.0000 U	5.0000 U			A
Sodium	5000.0	23876.9670	24144.6670	1.1		P
Thallium		5.0000 U	5.0000 U			F
Vanadium		30.0000 U	30.0000 U			P
Zinc		365.5670	366.2330	0.2		P
Cyanide						NR

FORM VI - IN

3/90

QUALITY CONTROL INFORMATION - ACCURACY
AQUEOUS MATRIX
WATER QUALITY TESTING

PARAMETER	METHOD NUMBER	SAMPLE IDENTIFICATION	GRAMS OF SPIKE	PERCENT RECOVERY
Total Organic Carbon	2974-87*	Organic Carbon #1	1.0	118

* American Society for Testing Materials (ASTM)



4A
VOLATILE METHOD BLANK SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-820
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: STW202
 Lab File ID: E2758 Lab Sample ID: VBLK07
 Date Analyzed: 08/06/91 Time Analyzed: 1347
 Matrix: (soil/water) WATER Level: (low/med) LOW
 Instrument ID: 51E

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	FIELD BLANK	FIELD BLANK	E2764	1720
02	MSB	MSB	E2754	1125
03	SW201	SW201	E2765	1757
04	SW204	SW204	E2766	1832
05	SW204DUP	SW204DUP	E2769	2022
06	TRIP BLANK1	TRIP BLANK1	E2761	1534
07	TRIP BLANK2	TRIP BLANK2	E2762	1610
08	TRIP BLANK3	TRIP BLANK3	E2763	1645
09	SW201MS	SW201MS	E2767	1908
10	SW201MSD	SW201MSD	E2768	1947

COMMENTS: VBLK07
51E

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK07

Lab Name: RECRA ENVIRON Contract: NY91-820

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: STW202

Matrix: (soil/water) WATER Lab Sample ID: VBLK07

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: E2758

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 08/06/91

Column: (pack/cap) PACK Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
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	1	J
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Total Xylenes	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK07

Lab Name: RECRA ENVIRON Contract: NY91-820

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: STW202

Matrix: (soil/water) WATER Lab Sample ID: VBLK07

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: E2758

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 08/06/91

Column (pack/cap) PACK Dilution Factor: 1.0

Number TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

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

4A
VOLATILE METHOD BLANK SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-820
Lab Code: RECNY Case No.: 3603 SAS No.: SDG No.: STW202
 Lab File ID: G9856 Lab Sample ID: VBLK25
 Date Analyzed: 08/07/91 Time Analyzed: 1138
 Matrix: **(soil/water)** WATER Level: **(low/med)** LOW
 Instrument ID: I50G

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO. =====	LAB SAMPLE ID =====	LAB FILE ID =====	TIME ANALYZED =====
01	STW202	STW202	G9869	2011
02	SW202	SW202	G9868	1932

COMMENTS: VBLK25
I50G

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK25

Lab Name: RECRA ENVIRONContract: NY91-8203b Code: RECNYCase No.: 3603

SAS No.: _____

SDG No.: STW202Matrix: (soil/water) WATERLab Sample ID: VBLK25Sample wt/vol: 5.0 (g/mL) MLLab File ID: G9856Level: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____

Date Analyzed: 08/07/91Column: (pack/cap) PACKDilution Factor: 1.0

CAS NO.

COMPOUND

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

Q

74-87-3-----	Chloromethane	10	U
74-83-9-----	Bromomethane	10	U
75-01-4-----	Vinyl Chloride	10	U
75-00-3-----	Chloroethane	10	U
75-09-2-----	Methylene Chloride	5	U
67-64-1-----	Acetone	10	U
75-15-0-----	Carbon Disulfide	5	U
75-35-4-----	1,1-Dichloroethene	5	U
75-34-3-----	1,1-Dichloroethane	5	U
540-59-0-----	1,2-Dichloroethene (total)	5	U
67-66-3-----	Chloroform	5	U
107-06-2-----	1,2-Dichloroethane	5	U
78-93-3-----	2-Butanone	10	U
71-55-6-----	1,1,1-Trichloroethane	5	U
56-23-5-----	Carbon Tetrachloride	5	U
108-05-4-----	Vinyl Acetate	10	U
75-27-4-----	Bromodichloromethane	5	U
78-87-5-----	1,2-Dichloropropane	5	U
10061-01-5-----	cis-1,3-dichloropropene	5	U
79-01-6-----	Trichloroethene	5	U
124-48-1-----	Dibromochloromethane	5	U
79-00-5-----	1,1,2-Trichloroethane	5	U
71-43-2-----	Benzene	5	U
10061-02-6-----	trans-1,3-dichloropropene	5	U
75-25-2-----	Bromoform	5	U
108-10-1-----	4-Methyl-2-Pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	5	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5	U
108-88-3-----	Toluene	5	U
108-90-7-----	Chlorobenzene	5	U
100-41-4-----	Ethylbenzene	5	U
100-42-5-----	Styrene	5	U
1330-20-7-----	Total Xylenes	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBK25

Lab Name: RECRA ENVIRON Contract: NY91-820

Lab Code: RECNY Case No.: 3603 SAS No.: SDG No.: STW202

Matrix: (soil/water) WATER Lab Sample ID: VBK25

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: G9856

Level: (low/med) LOW Date Received:

% Moisture: not dec. Date Analyzed: 08/07/91

Column (pack/cap) PACK Dilution Factor: 1.0

Number TICs found: 0
CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

4B
SEMIVOLATILE METHOD BLANK SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-820
 Lab code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: STW202
 Lab File ID: 5850W Lab Sample ID: SBLK91
 Date Extracted: 08/07/91 Extraction: (SepF/Cont/Sonc) SEPE
 Date Analyzed: 08/21/91 Time Analyzed: 1603
 Matrix: (soil/water) WATER Level: (low/med) LOW
 Instrument ID: I50W

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	FIELDBLANK	FIELDBLANK	5851W	08/21/91
02	MSB	MSB	5852W	08/21/91
03	SW201	SW201	5853W	08/21/91
04	SW204	SW204	5856W	08/21/91
05	SW204DUP	SW204DUP	5857W	08/21/91
06	SW201MS	SW201MS	5921W	08/26/91
07	SW201MSD	SW201MSD	5922W	08/26/91

COMMENTS: SBLK91 JOB2113A BN3698/99
AUTOSAMPLR 150W

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK91

Lab Name: RECRA ENVIRON Contract: NY91-8203b Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: STW202Matrix: (soil/water) WATER Lab Sample ID: SBLK91Sample wt/vol: 1000 (g/mL) ML Lab File ID: 5850WLevel: (low/med) LOW Date Received: _____% Moisture: not dec. _____ dec. _____ Date Extracted: 08/07/91Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 08/21/91GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
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
100-51-6	Benzyl Alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	bis(2-Chloroisopropyl) Ether	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
65-85-0	Benzoic Acid	50	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	50	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK91

Lab Name: RECRA ENVIRONContract: NY91-820Lab Code: RECNYCase No.: 3603

SAS No.: _____

SDG No.: STW202Matrix: (soil/water) WATERLab Sample ID: SBLK91Sample wt/vol: 1000 (g/mL) MLLab File ID: 5850WLevel: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____ dec. _____

Date Extracted: 08/07/91Extraction: (SepF/Cont/Sonc) SEPFDate Analyzed: 08/21/91GPC Cleanup: (Y/N) N pH: 7.0Dilution Factor: 1.0

CAS NO.

COMPOUND

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

Q

99-09-2-----	3-Nitroaniline	50	U
83-32-9-----	Acenaphthene	10	U
51-28-5-----	2,4-Dinitrophenol	50	U
100-02-7-----	4-Nitrophenol	50	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	50	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	50	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	50	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	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	20	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(q,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBLK91

Lab Name: RECRA ENVIRON Contract: NY91-820

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: STW202

Matrix: (soil/water) WATER Lab Sample ID: SBLK91

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 5850W

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ dec. _____ Date Extracted: 08/07/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 08/21/91

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

Number TICs found: 0

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

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

4B
SEMIVOLATILE METHOD BLANK SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-820
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: STW202
 Lab File ID: 85152 Lab Sample ID: SBLK75
 Date Extracted: 08/07/91 Extraction: (SepF/Cont/Sonc) SEPF
 Date Analyzed: 08122191 Time Analyzed: 1849
 Matrix: (soil/water) WATER Level: (low/med) LOW
 Instrument ID: I50Z

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	STW202	STW202	8516Z	08/22/91
02	SW202	SW202	8517Z	08/22/91

COMMENTS: SBLK75 JOB2112A BN3698/99
AUTOSAMPLR I50Z

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK75

Lab Name: RECRA ENVIRONContract: NY91-820Lab Code: RECNYCase No.: 3603

SAS No.: _____

SDG No.: STW202Matrix: (soil/water) WATERLab Sample ID: SBLK75Sample wt/vol: 1000 (g/mL) MLLab File ID: 8515ZLevel: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____ dec. _____

Date Extracted: 08/07/91Extraction: (SepF/Cont/Sonc) SEPFDate Analyzed: 08/22/91GPC Cleanup: (Y/N) N pH: 7.0Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
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
100-51-6	Benzyl Alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	bis(2-Chloroisopropyl) Ether	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
65-85-0	Benzoic Acid	50	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	50	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK75

Lab Name: RECRA ENVIRON Contract: NY91-820

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: STW202

Matrix: (soil/water) WATER Lab Sample ID: SBLK75

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 8515Z

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ dec. _____ Date Extracted: 08/07/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 08/22/91

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

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

99-09-2-----	3-Nitroaniline	50	U
83-32-9-----	Acenaphthene	10	U
51-28-5-----	2,4-Dinitrophenol	50	U
100-02-7-----	4-Nitrophenol	50	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	50	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	50	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	50	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	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	20	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

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBLK75

Lab Name: RECRA ENVIRONContract: NY91-820Lab Code: RECNYCase No.: 3603

SAS No.: _____

SDG No.: STW202Matrix: (soil/water) WATERLab Sample ID: SBLK75Sample wt/vol: 1000 (g/mL) MLLab File ID: 8515ZLevel: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____ dec. _____

Date Extracted: 08/07/91Extraction: (SepF/Cont/Sonc) SEPFDate Analyzed: 08/22/91GPC Cleanup: (Y/N) N pH: 7.0Dilution Factor: 1.0Number TICs found: 0CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

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

4C
PESTICIDE METHOD BLANK SUMMARY

Lab Name: RECRA ENVIRON Contract: _____
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: STW202
 Lab Sample ID: SW5317 Lab File ID: _____
 Matrix: (soil/water) WATER Level: (low/med) LOW
 Date Extracted: 08/07/91 Extraction: (SepF/Cont/Sonc) SEPF
 Date Analyzed (1): 08/23/91 Date Analyzed (2): 08/23/91
 Time Analyzed (1): 0356 Time Analyzed (2): 0356
 Instrument ID (1): HP5890-5 Instrument ID (2): HP5890B5
 GC Column ID (1): DB608 GC Column ID (2): DB1701

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO. =====	LAB SAMPLE ID =====	DATE ANALYZED 1 =====	DATE ANALYZED 2 =====
01	FIELD BLANK	SW5318	08/23/91	08/23/91

COMMENTS:

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. ⁹²

PBLK50

Lab Name: RECRA ENVIRON Contract: _____

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: STW202

Matrix: (soil/water) WATER Lab Sample ID: SW5317

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

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ dec. _____ Date Extracted: 08/07/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 08/23/91

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
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
5103-71-9	alpha-chlordane	0.50	U
5103-74-2	gamma-chlordane	0.50	U
8001-35-2	Toxaphene	1.0	U
12674-11-2	Aroclor-1016	0.50	U
11104-28-2	Aroclor-1221	0.50	U
11141-16-5	Aroclor-1232	0.50	U
53469-21-9	Aroclor-1242	0.50	U
12672-29-6	Aroclor-1248	0.50	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

H & A OF NEW YORK
AQUEOUS MATRIX
DOH METHOD 310-13

LAB NAME RECRA ENVIRONMENTAL INC.
JOB NO. 91-2112

EXTRACTION DATE 08/07/91
ANALYSIS DATE 08/12/91

SAMPLE NO. METHOD BLANK

PARAMETER	
Petroleum Products	ND

ND=NONE DETECTED

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

ab Name: RECRA ENVIRON Contract: NY91-820
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: STW202
 ab File ID (Standard): E2752 Date Analyzed: 08/06/91
 Instrument ID: 51E Time Analyzed: 944
 Matrix:(soil/water) WATER Level:(low/med) LOW Column:(pack/cap) PACK

	IS1 (BCM)		IS2 (DFB)		IS3 (CBZ)	
	AREA #	RT	AREA #	RT	AREA #	RT
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	17600	7.92	78700	18.12	76200	23.00
=====	=====	=====	=====	=====	=====	=====
UPPER LIMIT	35200		157400		152400	
=====	=====	=====	=====	=====	=====	=====
LOWER LIMIT	8800		39350		38100	
=====	=====	=====	=====	=====	=====	=====
EPA SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 FIELDBLANK	11500	7.95	54000	18.12	55400	23.00
02 MSB	15700	7.92	72200	18.09	72300	22.97
03 SW201	11300	7.88	54300	18.12	55600	23.00
04 SW204	11500	7.95	53200	18.12	56300	23.04
05 SW204DUP	11600	7.92	52700	18.12	57200	23.00
06 TRIPBLANK1	11700	7.92	55800	18.09	57600	22.97
07 TRIPBLANK2	11600	7.92	54800	18.12	55400	23.04
08 TRIPBLANK3	11800	7.95	55800	18.12	56200	22.97
09 SW201MS	11800	7.92	55300	18.12	56500	22.97
10 SW201MSD	11900	7.88	55600	18.12	57800	22.97
11 VBLK07	13100	7.92	62300	18.09	62700	22.97

IS1 (BCM) = Bromochloromethane
 IS2 (DFB) = 1,4-Difluorobenzene
 IS3 (CBZ) = Chlorobenzene

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

Column used to flag internal standard area values with an asterisk

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-820
 Tab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: STW202
 Lab File ID (Standard): G9854 Date Analyzed: 08/07/91
 Instrument ID: I50G Time Analyzed: 0950
 Matrix: (soil/water) WATER Level: (low/med) LOW Column: (pack/cap) PACK

	IS1 (BCM) AREA #	RT	IS2 (DFB) AREA #	RT	IS3 (CBZ) AREA #	RT
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	27800	8.17	95400	18.47	89300	23.27
=====	=====	=====	=====	=====	=====	=====
UPPER LIMIT	55600		190800		178600	
=====	=====	=====	=====	=====	=====	=====
LOWER LIMIT	13900		47700		44650	
=====	=====	=====	=====	=====	=====	=====
EPA SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 STW202	28800	8.15	91900	18.47	86300	23.24
02 SW202	26000	8.17	83000	18.47	80000	23.27
03 VBLK25	26900	8.17	88200	18.47	81900	23.27

IS1 (BCM) = Bromochloromethane
 IS2 (DFB) = 1,4-Difluorobenzene
 IS3 (CBZ) = Chlorobenzene

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

Column used to flag internal standard area values with an asterisk

8B
SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-820
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: STW202
 Lab File ID (Standard): 5845W Date Analyzed: 08/21/91
 Instrument ID: I50W Time Analyzed: 1136

	IS1 (DCB) AREA #	RT	IS2 (NPT) AREA #	RT	IS3 (ANT) AREA #	RT
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	10500	9.99	36500	13.69	20700	19.12
=====	=====	=====	=====	=====	=====	=====
UPPER LIMIT	21000		73000		41400	
=====	=====	=====	=====	=====	=====	=====
LOWER LIMIT	5250		18250		10350	
=====	=====	=====	=====	=====	=====	=====
EPA SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 FIELDBLANK	10700	9.97	37700	13.67	18300	19.10
02 MSB	10900	9.97	39400	13.67	18700	19.10
03 SW201	11400	9.97	42400	13.67	22100	19.10
04 SW204	13400	9.97	50600	13.67	26200	19.12
05 SW204DUP	14100	9.97	51800	13.67	27100	19.10
06 SBLK91	10900	9.97	37700	13.67	18800	19.10

IS1 (DCB) = 1,4-Dichlorobenzene-d4
 IS2 (NPT) = Naphthalene-d8
 IS3 (ANT) = Acenaphthene-d10

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

Column used to flag internal standard area values with an asterisk

8C

SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-820
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: STW202
 Lab File ID (Standard): 5845W Date Analyzed: 08/21/91
 Instrument ID: I50W Time Analyzed: 1136

	IS4 (PHN) AREA #	RT	IS5 (CRY) AREA #	RT	IS6 (PRY) AREA #	RT
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	28800	23.77	34400	32.11	27400	36.31
=====	=====	=====	=====	=====	=====	=====
UPPER LIMIT	57600		68800		54800	
=====	=====	=====	=====	=====	=====	=====
LOWER LIMIT	14400		17200		13700	
=====	=====	=====	=====	=====	=====	=====
EPA SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 FIELDBLANK	26300	23.75	20800	32.07	21600	36.27
02 MSB	25800	23.75	20700	32.07	21000	36.27
03 SW201	32900	23.75	29800	32.07	29800	36.27
04 SW204	40100	23.75	34100	32.09	35000	36.29
05 SW204DUP	39300	23.75	35200	32.07	35900	36.27
06 SBLK91	26600	23.75	21300	32.07	21500	36.27

IS4 (PHN) = Phenanthrene-d10
 IS5 (CRY) = Chrysene-d12
 IS6 (PRY) = Perylene-d12

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

Column used to flag internal standard area values with an asterisk

8B
SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-820
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: STW202
 Lab File ID (Standard) : 5918W Date Analyzed: 08/26/91
 Instrument ID: I50W Time Analyzed: 1831

	IS1 (DCB) AREA #	RT	IS2 (NPT) AREA #	RT	IS3 (ANT) AREA #	RT
12 HOUR STD	12300	9.64	45000	13.32	22000	18.72
UPPER LIMIT	24600		90000		44000	
LOWER LIMIT	6150		22500		11000	
EPA SAMPLE NO.						
01 SW201MS	12000	9.64	43100	13.30	21600	18.70
02 SW201MSD	13700	9.64	47700	13.30	23500	18.70

IS1 (DCB) = 1,4-Dichlorobenzene-d4
 IS2 (NPT) = Naphthalene-d8
 IS3 (ANT) = Acenaphthene-d10

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

Column used to flag internal standard area values with an asterisk

8C
SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-820
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: STW202
 Lab File ID (Standard): 5918W Date Analyzed: 08/26/91
 Instrument ID: I50W Time Analyzed: 1831

	IS4 (PHN) AREA #	RT	IS5 (CRY) AREA #	RT	IS6 (PRY) AREA #	RT
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	26400	23.35	26400	31.66	22300	35.79
=====	=====	=====	=====	=====	=====	=====
UPPER LIMIT	52800		52800		44600	
=====	=====	=====	=====	=====	=====	=====
LOWER LIMIT	13200		13200		11150	
=====	=====	=====	=====	=====	=====	=====
EPA SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 SW201MS	30400	23.32	24900	31.61	24600	35.76
02 SW201MSD	32400	23.32	26400	31.61	26100	35.74

IS4 (PHN) = Phenanthrene-d10
 IS5 (CRY) = Chrysene-d12
 IS6 (PRY) = Perylene-d12

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

Column used to flag internal standard area values with an asterisk

8B
SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-820
 Lab code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: STW202
 Lab File ID (Standard): 8510Z Date Analyzed: 08/22/91
 instrument ID: I50Z Time Analyzed: 1458

	IS1(DCB) AREA #	RT	IS2(NPT) AREA #	RT	IS3(ANT) AREA #	RT
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	9900	6.37	42200	9.92	25100	15.10
=====	=====	=====	=====	=====	=====	=====
UPPER LIMIT	19800		84400		50200	
=====	=====	=====	=====	=====	=====	=====
LOWER LIMIT	4950		21100		12550	
=====	=====	=====	=====	=====	=====	=====
EPA SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 STW202	7030	6.35	29000	9.89	16900	15.07
02 SW202	7520	6.35	29500	9.89	17000	15.07
03 SBLK75	8100	6.35	31200	9.89	18100	15.09

IS1 (DCB) = 1,4-Dichlorobenzene-d4
 IS2 (NPT) = Naphthalene-d8
 IS3 (ANT) = Acenaphthene-d10

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

Column used to flag internal standard area values with an asterisk

8C
SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-820
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: STW202
 Lab File ID (Standard): 8510Z Date Analyzed: 08/22/91
 Instrument ID: I50Z Time Analyzed: 1458

	IS4(PHN) AREA #	RT	IS5(CRY) AREA #	RT	IS6(PRY) AREA #	RT
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	36700	19.54	39100	27.56	38600	31.56
=====	=====	=====	=====	=====	=====	=====
UPPER LIMIT	73400		78200		77200	
=====	=====	=====	=====	=====	=====	=====
LOWER LIMIT	18350		19550		19300	
=====	=====	=====	=====	=====	=====	=====
EPA SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 STW202	26400	19.49	27300	27.51	28900	31.51
02 SW202	26300	19.49	26100	27.49	26700	31.51
03 SBLK75	26400	19.49	25000	27.49	25600	31.51

IS4 (PHN) = Phenanthrene-d10
 IS5 (CRY) = Chrysene-d12
 IS6 (PRY) = Perylene-d12

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

Column used to flag internal standard area values with an asterisk

**RECRA ENVIRONMENTAL, INC.**

Chemical and Environmental Analysis Services

September 25, 1991

**World
University
Games
Buffalo
'93**
GRAND PATRON
HELPING TO BRING THE
WORLD TO BUFFALO

Ms. Suzanne Wheatcraft
H & A of New York
189 North Water Street
Rochester, NY 14604

Re: Analytical Results

Dear Ms. Wheatcraft:

Please find enclosed results concerning the analyses of the samples recently submitted by your firm. The Pertinent Information **regarding** these analyses is listed below:

Quote #: NY91-820
SDG #: SS-201-D
Case #: 3603
Project Name: Dollinger
Matrix: Soil, Aqueous
Samples Received: 8/2,6/91
Sample Dates: 8/1,5/91

If you have any questions concerning these data, please contact Mr. Jeffrey Radin, Project Manager, at (716) 691-2600 and refer to the I.D. number listed below. It has been our pleasure to provide H & A of New York with Environmental Testing Services. We look forward to serving you in the future.

Sincerely,

RECRA ENVIRONMENTAL, INC.

Deborah J. Kinecki
Vice President
New York Environmental
Testing Operations

MKA/DJK/dms
Enclosure

I.D. #91-2112
#91-2113
#91-2143
#91-2143A
#91-2144
#91-2144A
#NY1A3603

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SAMPLE DATA **SUMMARY** PACKAGE

19896.1

CASE NARRATIVE

Laboratory Name: Recra Environmental, Inc.

Laboratory Code: RECNY

Case Number: 3603

SDG Number: SS-201-D

Contract Number: NY91-820

Sample Identifications: SO-201
SO-201MS
SO-201MSD
SO-201MD
SS-201s
SS-203s
SS-203SDUP
SO-202
SO-202s
SS-202S
SS-202SDUP
ss-204s
SS-201D
SS-202D
SS-203D
SS-204D
TP-201
TP-201MS
TP-201MSD
TP-201MD
TP-202
TP-203
TP-204
TP-205
TP-206
TRIP BLANK

METHODOLOGY

Analyses for Petroleum Products were performed in accordance with New York State Department of Health Method 310-13, modified for soils.

GENERAL COMMENTS

Results of the analysis of soils are corrected for moisture content and reported on a dry weight basis.

Results are reported utilizing standard qualifiers as defined on the Organic and Inorganic Data Comment Pages.



19896.2

VOLATILE DATA

Volatile sample and standard areas are listed on the corresponding data system printouts.

Volatile data are processed utilizing Finnigan Autoquantitation and QA Formaster software. All compounds determined to be present by the computer-generated autoquantitation were subjected to a manual ion search for secondary and tertiary ions. Unedited quantitation reports have been submitted with this data package.

Sample SS-201S was analyzed as a medium level extraction at an initial dilution factor of 2.5 due to the high concentrations of Ethylbenzene and Total Xylenes. Sample SS-201S was also analyzed as a matrix spike and matrix spike duplicate at medium level as per protocol.

Sample SS-202SDUP required reanalysis at a dilution factor of 5.0 due to the high concentration of TCL compound Acetone.

The Matrix Spike Blank, MSBLANK2, exhibited low recoveries for laboratory spiking compounds Trichloroethene, Benzene, Toluene and Chlorobenzene; however, the associated spiked samples and MSBLANK1 recoveries were all within quality control limits.

SEMIVOLATILE DATA

Semivolatile sample and standard areas are listed on the corresponding data system printouts.

Semivolatile data are processed utilizing Finnigan Autoquantitation and QA Formaster software. All compounds determined to be present by the computer-generated autoquantitation were subjected to a manual ion search for secondary and tertiary ions. Unedited quantitation reports have been submitted with this data package.

In several cases clean sample spectra was unobtainable due to matrix interference.

The Tentatively Identified Compound (TIC) Polynuclear Aromatic Hydrocarbon derivative is abbreviated as PAH.

Sample SS-201S was reanalyzed due to poor internal standard recoveries for IS's 1,4-Dichlorobenzene, Phenanthrene, Chrysene and Perylene. The reanalysis SS-201SRE also exhibited poor IS's recoveries for 1,4-Dichlorobenzene, Naphthalene and Perylene, indicating some type of matrix interference, possibly the high concentration of several compounds of interest.



19896.3

Sample SS-201S required further reanalysis at a dilution factor of fifty (50) due to the high concentrations of Phenanthrene, Anthracene, Fluoranthene, Pyrene, Butylbenzylphthalate, Benzo(a)Anthracene, Bis(2-Ethylhexyl)phthalate, Benzo(k)Fluoranthene, and Benzo(a)Pyrene. Sample SS-201SDL exhibited all internal standards as compliant, however, surrogates Nitrobenzene, Phenol and 2,4,6-Tribromophenol were all diluted out. The original sample and the reanalysis SS-201S and SS-201SRE were compliant for the surrogates.

Samples SS-202S and SS-204S required re-extraction as surrogate recoveries fell below 10% recovery. The re-extracted samples were compliant, however, they were re-extracted beyond holding time limitations. Only the re-extracted samples are included in this data package.

Sample SS-204D and its reanalysis SS-204DRE both exhibited a low recovery for internal standard Perylene, indicating a matrix interference.

MS Blank 2 was originally extracted on 8/7/91. Following the injection of the Internal Standard and solutions to the extract; it exhibited an orange discoloration. This is a fairly typical unexplained laboratory phenomenon resulting in the loss of all Internal Standards. MS Blank 2 was re-extracted on 8/23/91.

Sample S0-201 Matrix Spike Duplicate exhibited non-compliant recoveries for all six surrogates, however, the original sample S0-201 and S0-201 Matrix Spike were compliant for all surrogates.

S0-201 Matrix Spike and so-201 Matrix Spike Duplicate and matrix spike blanks MS Blank 1 and MS Blank 2 were non-compliant for the following laboratory spiking compounds.

S0-201MS

N-nitroso-di-n-propylamine
Pentachlorophenol

S0-201MSD

N-nitroso-di-n-propylamine
Phenol
2-Chlorophenol
1,4-Dichlorobenzene
1,2,4-Trichlorobenzene
4-Chloro-3-Methylphenol
Acenaphltrene
2,4-Dinitrotoluene
Pentachlorophenol
Pyrene

MS Blank 1

N-nitroso-di-n-propylamine
Phenol

MS Blank 2

N-nitroso-di-n-propylamine
Pentachlorophenol



19896.4

Samples TP-201 Matrix Spike and TP-201 Matrix Spike Duplicate exhibited the following laboratory spiking compounds as non-compliant.

TP-201MS

Pentachlorophenol

TP-201MSD

Pentachlorophenol
Phenol

INORGANIC DATA

The extra ZZZZZ's found on the form 14's of the Flame Inorganic Data represent the re-zeroing of the instrument after each sample.

The Solid Laboratory Control Sample digested 8/9/91 exhibited non-compliant values for Aluminum and Potassium when analyzed by ICAP (Run date 8/10/91). The samples were re-digested and re-analyzed for Aluminum. The samples and the LCS were re-analyzed by flame atomic absorption for Potassium. Since the same LCS yielded a compliant value when analyzed by flame, those results have been reported.

The Solid Preparatory Blank (Lab Sample ID 8739) yielded an extreme negative result for Lead when analyzed by ICAP (Run date 8/13/91). The ICAP analyses for a certain list of metals regardless if they are wanted or not. Lead results are not usually taken from ICAP runs because the IDL (Instrument Detection Limit) is much higher than the CRDL (Contract Required Detection Limit). The samples and Prep Blank were analyzed for Lead by graphite furnace. The same prep blank had a compliant result when analyzed via furnace.

"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 has been authorized by the Laboratory Manager or her designee, as verified by the following signature."

Deborah J. Kinecki
Deborah J. Kinecki

9/25/91

Date



Laboratory Name RECRA ENVIRONMENTAL, INC.

USEPA Defined Organic Data Qualifiers:

- U - Indicates compound was analyzed for but not detected.
- J - Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the mass spectral data indicate the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
- C - This flag applies to pesticide results where the identification has been confirmed by GC/MS.
- B - This flag is used when the analyte is found in the associated blank as well as in the sample.
- E - This flag identifies compounds whose concentrations exceed the calibration range of the GC/MS instrument for that specific analysis.
- D - This flag identifies all compounds identified in an analysis at a secondary dilution factor.
- G - The TCLP Matrix Spike recovery was greater than the upper limit of the analytical method.
- L - The TCLP Matrix Spike recovery was lower than the lower limit of the analytical method.
- T - This flag is used when the analyte is found in the associated TCLP extraction as well as in the sample.



INORGANIC DATA COMMENT PAGE

Laboratory Name RECRA ENVIRONMENTAL, INC.

USEPA Defined Inorganic Data Qualifiers:

- B - Indicates a value greater than or equal to the instrument detection limit but less than the contract required detection limit.
- U - Indicates element was analyzed for but not detected. Report with the detection limit value (e.g., 100).
- E - Indicates a value estimated or not reported due to the presence of interference.
- S - Indicates value determined by Method of Standard Addition.
- N - Indicates spike sample recovery is not within control limits.
- * - Indicates duplicate analysis is not within control limits.
- + - Indicates the correlation coefficient for method of standard addition is less than 0.995.
- M - Indicates duplicate injection results exceeded control limits.
- 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.
- G - The TCLP Matrix Spike recovery was greater than the upper limit of the analytical method.
- L - The TCLP Matrix Spike recovery was lower than the lower limit of the analytical method.



NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE IDENTIFICATION
AND
ANALYTICAL REQUIREMENT SUMMARY

CUSTOMER SAMPLE CODE	LABORATORY SAMPLE CODE	ANALYTICAL REQUIREMENTS*					
		VOA* GC/MS	BNA* GC/MS	VOA* GC	PEST* PCB	METALS*	OTHER*
SO-201	91-2113	HSL/ASP89	HSL/ASP89		HSL/ASP89	HSL/ASP89	
SS-201s	91-2113	HSL/ASP89	HSL/ASP89	DOH310.13		HSL/ASP89	
SS-203s	91-2113	HSL/ASP89	HSL/ASP89	DOH310.13		HSL/ASP89	
SS-203S Dup	91-2113	HSL/ASP89	HSL/ASP89	DOH310.13		HSL/ASP89	
SO-202	91-2112	HSL/ASP89	HSL/ASP89		HSL/ASP89	HSL/ASP89	
SS-202s	91-2112	HSL/ASP89	HSL/ASP89	DOH310.13		HSL/ASP89	
SS-204s	91-2112	HSL/ASP89	HSL/ASP89	DOH310.13		HSL/ASP89	
SS-201D	91-2112	HSL/ASP89	HSL/ASP89	DOH310.13		HSL/ASP89	
SS-202D	91-2112	HSL/ASP89	HSL/ASP89	DOH310.13		HSL/ASP89	
SS-203D	91-2112	HSL/ASP89	HSL/ASP89	DOH310.13		HSL/ASP89	
SS-204D	91-2112	HSL/ASP89	HSL/ASP89	DOH310.13		HSL/ASP89	
SS-202S Dup	91-2112	HSL/ASP89	HSL/ASP89	DOH310.13		HSL/ASP89	
TP-201	91-2143	HSL/ASP89	HSL/ASP89		HSL/ASP89	HSL/ASP89	
TP-204	91-2143	HSL/ASP89	HSL/ASP89		HSL/ASP89	HSL/ASP89	
Trip Blank	91-2143A	HSL/ASP89					
TP-202	91-2144	HSL/ASP89					
TP-203	91-2144	HSL/ASP89					
TP-205	91-2144	HSL/ASP89					
TP-206	91-2144	HSL/ASP89					



NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
VOA ANALYSES

SAMPLE IDENTIFICATION	MATRIX	DATE COLLECTED	DATE RECEIVED AT LAB	DATE EXTRACTED	DATE ANALYZED
SO-201	SOIL	8/1/91	8/2/91	NA	8/3/91
SS-201S	SOIL	8/1/91	8/2/91	NA	8/6/91
SS-203s	SOIL	8/1/91	8/2/91	NA	8/3/91
SS-203S Dup	SOIL	8/1/91	8/2/91	NA	8/3/91
SO-202	SOIL	8/1/91	8/2/91	NA	8/5/91
SS-202s	SOIL	8/1/91	8/2/91	NA	8/3/91
SS-204S	SOIL	8/1/91	8/2/91	NA	8/5/91
SS-201D	SOIL	8/1/91	8/2/91	NA	8/3/91
SS-202D	SOIL	8/1/91	8/2/91	NA	8/3/91
SS-203D	SOIL	8/1/91	8/2/91	NA	8/3/91
SS-204D	SOIL	8/1/91	8/2/91	NA	8/3/91
SS-202S Dup	SOIL	8/1/91	8/2/91	NA	8/5/91
TP-201	SOIL	8/5/91	8/6/91	NA	8/6/91
TP-204	SOIL	8/5/91	8/6/91	NA	8/7/91
Trip Blank	AQUEOUS	8/5/91	8/6/91	NA	8/7/91
TP-202	SOIL	8/5/91	8/6/91	NA	8/7/91
TP-203	SOIL	8/5/91	8/6/91	NA	8/7/91
TP-205	SOIL	8/5/91	8/6/91	NA	8/7/91
TP-206	SOIL	8/5/91	8/6/91	NA	8/7/91



NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
B/N-A ANALYSES

SAMPLE IDENTIFICATION	MATRIX	DATE COLLECTED	DATE RECEIVED AT LAB	DATE EXTRACTED	DATE ANALYZED
SO-201	SOIL	8/1/91	8/2/91	8/7/91	8/22/91
SS-201S	SOIL	8/1/91	8/2/91	8/7/91	8/23/91
SS-203S	SOIL	8/1/91	8/2/91	8/7/91	8/23/91
SS-203S Dup	SOIL	8/1/91	8/2/91	8/7/91	8/24/91
SO-202	SOIL	8/1/91	8/2/91	8/7/91	8/22/91
SS-202S	SOIL	8/1/91	8/2/91	8/23/91	9/2/91
SS-204S	SOIL	8/1/91	8/2/91	8/23/91	9/2/91
SS-201D	SOIL	8/1/91	8/2/91	8/7/91	8/22/91
SS-202D	SOIL	8/1/91	8/2/91	8/7/91	8/21/91
SS-203D	SOIL	8/1/91	8/2/91	8/7/91	8/21/91
SS-204D	SOIL	8/1/91	8/2/91	8/7/91	8/21/91
SS-202S Dup	SOIL	8/1/91	8/2/91	8/7/91	8/21/91
TP-201	SOIL	8/5/91	8/6/91	8/9/91	8/23/91
TP-204	SOIL	8/5/91	8/6/91	8/9/91	8/23/91

1/DEC.3

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
B/N-A ANALYSES

SAMPLE IDENTIFICATION	MATRIX	DATE COLLECTED	DATE RECEIVED AT LAB	DATE EXTRACTED	DATE ANALYZED
SO-201	SOIL	8/1/91	8/2/91	8/7/91	8/22/91
SS-201s	SOIL	8/1/91	8/2/91	8/7/91	8/23/91
SS-203s	SOIL	8/1/91	8/2/91	8/7/91	8/23/91
SS-203S Dup	SOIL	8/1/91	8/2/91	8/7/91	8/24/91
SO-202	SOIL	8/1/91	8/2/91	8/7/91	8/22/91
SS-202s	SOIL	8/1/91	8/2/91	8/23/91	9/2/91
SS-204s	SOIL	8/1/91	8/2/91	8/7/91	9/2/91
SS-201D	SOIL	8/1/91	8/2/91	8/7/91	8/22/91
SS-202D	SOIL	8/1/91	8/2/91	8/7/91	8/21/91
SS-203D	SOIL	8/1/91	8/2/91	8/7/91	8/21/91
SS-204D	SOIL	8/1/91	8/2/91	8/7/91	8/21/91
SS-202S Dup	SOIL	8/1/91	8/2/91	8/7/91	8/21/91
TP-201	SOIL	8/5/91	8/6/91	8/7/91	8/23/91
TP-204	SOIL	8/5/91	8/6/91	8/9/91	8/23/91



NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
PESTICIDE/PCB ANALYSES

SAMPLE IDENTIFICATION	MATRIX	DATE COLLECTED	DATE RECEIVED AT LAB	DATE EXTRACTED	DATE ANALYZED
SO-201	AQUEOUS	8/1/91	8/2/91	8/7/91	8/23/91
SO-202	AQUEOUS	8/1/91	8/2/91	8/7/91	8/23/91
TP-201	SOIL	8/5/91	8/6/91	8/9/91	8/23/91
TP-204	SOIL	8/5/91	8/6/91	8/9/91	8/23/91



NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
INORGANIC ANALYSES

SAMPLE IDENTIFICATION	MATRIX	MTALS REQUESTED	DATE RECEIVED AT LAB	DATE DIGESTED	DATE ANALYZED
SO-201	AQUEOUS	ASP 89	8/2/91	8/9/91	8/8,14/91
SS-201S	AQUEOUS	ASP 89	8/2/91	8/9/91	8/8,14/91
SS-203S	AQUEOUS	ASP 89	8/2/91	8/9/91	8/8,14/91
SS-203S Dup	AQUEOUS	ASP 89	8/2/91	8/9/91	8/8,14/91
SO-202	AQUEOUS	ASP 89	8/2/91	8/9/91	8/8,14/91
SS-202S	AQUEOUS	ASP 89	8/2/91	8/9/91	8/8,14/91
SS-204S	AQUEOUS	ASP 89	8/2/91	8/9/91	8/8,14/91
SS-201D	AQUEOUS	ASP 89	8/2/91	8/9/91	8/8,14/91
SS-202D	AQUEOUS	ASP 89	8/2/91	8/9/91	8/8,14/91
SS-203D	AQUEOUS	ASP 89	8/2/91	8/9/91	8/8,14/91
SS-204D	AQUEOUS	ASP 89	8/2/91	8/9/91	8/8,14/91
SS-202S Dup	AQUEOUS	ASP 89	8/2/91	8/9/91	8/8,14/91
TP-201	SOIL	ASP 89	8/6/91	8/12/91	8/12,15/91
TP-204	SOIL	ASP 89	8/6/91	8/12/91	8/12,15/91



NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
ORGANIC ANALYSES

SAMPLE IDENTIFICATION	MATRIX	ANALYTICAL PROTOCOL	EXTRACTION METHOD	AUXILIARY CLEAN UP	DIL/CONC FACTOR
SO-201	SOIL	As Required	As Required	As Required	As Required
SS-201s	SOIL	As Required	As Required	As Required	As Required
SS-203s	SOIL	As Required	As Required	As Required	As Required
SS-203S Dup	SOIL	As Required	As Required	As Required	As Required
SO-202	SOIL	As Required	As Required	As Required	As Required
SS-202s	SOIL	As Required	As Required	As Required	As Required
SS-204s	SOIL	As Required	As Required	As Required	As Required
SS-201D	SOIL	As Required	As Required	As Required	As Required
SS-202D	SOIL	As Required	As Required	As Required	As Required
SS-203D	SOIL	As Required	As Required	As Required	As Required
SS-204D	SOIL	As Required	As Required	As Required	As Required
SS-202S Dup	SOIL	As Required	As Required	As Required	As Required
TP-201	SOIL	As Required	As Required	As Required	As Required
TP-204	SOIL	As Required	As Required	As Required	As Required
Trip Blank	SOIL	As Required	As Required	As Required	As Required
TP-202	SOIL	As Required	As Required	As Required	As Required
TP-203	SOIL	As Required	As Required	As Required	As Required
TP-205	SOIL	As Required	As Required	As Required	As Required
TP-206	SOIL	As Required	As Required	As Required	As Required



NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
INORGANIC ANALYSES

LABORATORY SAMPLE CODE	MATRIX	ANALYTICAL PROTOCOL	DIGESTION PROCEDURE	MATRIX MODIFIER	DIL/CONC FACTOR
S0-201	SOIL	ASP 89	ASP 89	As Required	As Required
SS-201S	SOIL	ASP 89	ASP 89	As Required	As Required
SS-203S	SOIL	ASP 89	ASP 89	As Required	As Required
SS-203S Dup	SOIL	ASP 89	ASP 89	As Required	As Required
S0-202	SOIL	ASP 89	ASP 89	As Required	As Required
SS-202S	SOIL	ASP 89	ASP 89	As Required	As Required
SS-204S	SOIL	ASP 89	ASP 89	As Required	As Required
SS-201D	SOIL	ASP 89	ASP 89	As Required	As Required
SS-202D	SOIL	ASP 89	ASP 89	As Required	As Required
SS-203D	SOIL	ASP 89	ASP 89	As Required	As Required
SS-204D	SOIL	ASP 89	ASP 89	As Required	As Required
SS-202S Dup	SOIL	ASP 89	ASP 89	As Required	As Required
TP-201	SOIL	ASP 89	ASP 89	As Required	As Required
TP-204	SOIL	ASP 89	ASP 89	As Required	As Required



1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 14

SO201

Lab Name: RECRA ENVIRON

Contract: NY91-820

Lab Code: RECNY

Case No.: 3603

SAS No.: _____

SDG No.: SS201D

Matrix: (soil/water) SOIL

Lab Sample ID: SO201

Sample wt/vol: 5.2 (g/mL) G

Lab File ID: H5566

Level: (low/med) LOW

Date Received: 08/02/91

% Moisture: not dec. 11

Date Analyzed: 08/03/91

Column: (pack/cap) PACK

Dilution Factor: 1.0

CONCENTRATION UNITS:

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

CAS NO.

COMPOUND

Q

74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	5	U
67-64-1	Acetone	16	
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	4	BJ
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Total Xylenes	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO. **15**

SO201

Lab Name: RECRA ENVIRON Contract: NY91-820

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D

Matrix: (soil/water) SOIL Lab Sample ID: SO201

Sample wt/vol: 5.2 (g/mL) G Lab File ID: H5566

Level: (low/med) LOW Date Received: 08/02/91

% Moisture: not dec. 11 Date Analyzed: 08/03/91

Column (pack/cap) PACK Dilution Factor: 1.0

Number Tics found: 0

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

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

S0202

Lab Name: RECRA ENVIRON Contract: NY91-820

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D

Matrix: (soil/water) SOIL Lab Sample ID: S0202

Sample wt/vol: 5.0 (g/mL) G Lab File ID: H5581

Level: (low/med) LOW Date Received: 08/02/91

% Moisture: not dec. 10 Date Analyzed: 08/05/91

Column: (pack/cap) PACK Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	6	U
67-64-1	Acetone	11	U
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	3	BJ
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-dichloropropene	6	U
79-01-6	Trichloroethene	2	J
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Total Xylenes	6	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SO202

Lab Name: RECRA ENVIRON Contract: NY91-820Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201DMatrix: (soil/water) SOIL Lab Sample ID: SO202Sample wt/vol: 5.0 (g/mL) G Lab File ID: H5581Level: (low/med) LOW Date Received: 08/02/91% Moisture: not dec. 10 Date Analyzed: 08/05/91Column (pack/cap) PACK Dilution Factor: 1.0Number TICs found: 0CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS201D

Lab Name: RECRA ENVIRON Contract: NY91-820Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201DMatrix: (soil/water) SOIL Lab Sample ID: SS201DSample wt/vol: 5.3 (g/mL) G Lab File ID: H5561Level: (low/med) LOW Date Received: 08/02/91% Moisture: not dec. 17 Date Analyzed: 08/03/91Column: (pack/cap) PACK Dilution Factor: 1.00

CONCENTRATION UNITS:

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

74-87-3-----	Chloromethane	11	U
74-83-9-----	Bromomethane	11	U
75-01-4-----	Vinyl Chloride	11	U
75-00-3-----	Chloroethane	11	U
75-09-2-----	Methylene Chloride	6	U
67-64-1-----	Acetone	23	
75-15-0-----	Carbon Disulfide	6	U
75-35-4-----	1,1-Dichloroethene	6	U
75-34-3-----	1,1-Dichloroethane	6	U
540-59-0-----	1,2-Dichloroethene (total)	18	
67-66-3-----	Chloroform	6	U
107-06-2-----	1,2-Dichloroethane	6	U
78-93-3-----	2-Butanone	11	U
71-55-6-----	1,1,1-Trichloroethane	4	BJ
56-23-5-----	Carbon Tetrachloride	6	U
108-05-4-----	Vinyl Acetate	11	U
75-27-4-----	Bromodichloromethane	6	U
78-87-5-----	1,2-Dichloropropane	6	U
10061-01-5-----	cis-1,3-dichloropropene	6	U
79-01-6-----	Trichloroethene	59	
124-48-1-----	Dibromochloromethane	6	U
79-00-5-----	1,1,2-Trichloroethane	6	U
71-43-2-----	Benzene	6	U
10061-02-6-----	trans-1,3-dichloropropene	6	U
75-25-2-----	Bromoform	6	U
108-10-1-----	4-Methyl-2-Pentanone	11	U
591-78-6-----	2-Hexanone	11	U
127-18-4-----	Tetrachloroethene	6	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6	U
108-88-3-----	Toluene	1	J
108-90-7-----	Chlorobenzene	6	U
100-41-4-----	Ethylbenzene	18	
100-42-5-----	Styrene	6	U
1330-20-7-----	Total Xylenes	75	

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SS201D

Lab Name: RECRA ENVIRON Contract: NY91-820Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201DMatrix: (soil/water) SOIL Lab Sample ID: SS201DSample wt/vol: 5.3 (g/mL) G Lab File ID: H5561Level: (low/med) LOW Date Received: 08/02/91% Moisture: not dec. 17 Date Analyzed: 08/03/91Column (pack/cap) PACK Dilution Factor: 1.00Number TICs found: 0CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 20

SS201S

Lab Name: RECRA ENVIRON Contract: NY91-820

Lab Code: RECNY Case No.: 3603 SAS No.: SDG No.: SS201D

Matrix: (soil/water) SOIL Lab Sample ID: SS201S

Sample wt/vol: 4.5 (g/mL) G Lab File ID: E2745

Level: (low/med) MED Date Received: 08/02/91

% Moisture: not dec. 61 Date Analyzed: 08/06/91

Column: (pack/cap) PACK Dilution Factor: 2.5

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	-----Chloromethane	7100	U
74-83-9	-----Bromomethane	7100	U
75-01-4	-----Vinyl Chloride	7100	U
75-00-3	-----Chloroethane	7100	U
75-09-2	-----Methylene Chloride	910	J
67-64-1	-----Acetone	7100	U
75-15-0	-----Carbon Disulfide	3600	U
75-35-4	-----1,1-Dichloroethene	1500	J
75-34-3	-----1,1-Dichloroethane	3600	U
540-59-0	-----1,2-Dichloroethene (total)	3600	U
67-66-3	-----Chloroform	3600	U
107-06-2	-----1,2-Dichloroethane	3600	U
78-93-3	-----2-Butanone	7100	U
71-55-6	-----1,1,1-Trichloroethane	3600	U
56-23-5	-----Carbon Tetrachloride	3600	U
108-05-4	-----Vinyl Acetate	7100	U
75-27-4	-----Bromodichloromethane	3600	U
78-87-5	-----1,2-Dichloropropane	3600	U
10061-01-5	-----cis-1,3-dichloropropene	3600	U
79-01-6	-----Trichloroethene	1500	J
124-48-1	-----Dibromochloromethane	3600	U
79-00-5	-----1,1,2-Trichloroethane	3600	U
71-43-2	-----Benzene	1500	J
10061-02-6	-----trans-1,3-dichloropropene	3600	U
75-25-2	-----Bromoform	3600	U
108-10-1	-----4-Methyl-2-Pentanone	7100	U
591-78-6	-----2-Hexanone	7100	U
127-18-4	-----Tetrachloroethene	3600	U
79-34-5	-----1,1,2,2-Tetrachloroethane	3600	U
108-88-3	-----Toluene	5300	
108-90-7	-----Chlorobenzene	1400	J
100-41-4	-----Ethylbenzene	59000	
100-42-5	-----Styrene	3600	U
1330-20-7	-----Total Xylenes		

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA Sample No.: SS201S

Contract: NY91-820

SDG No.: SS201D

Lab Sample ID.: SS201S

Lab File ID.: E2745

Date Received: 08/02/91

Date Analyzed: 08/06/91

Dilution Factor: 2.5

Concentration Units:

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

Lab Name: RECRA ENVIRONMENTAL, INC.

Lab Code: RECNY Case No: 3603 SAS No.:

Matrix (Soil/Water): SOIL

Sample wt/vol: 4.5 (g/ml): G

Level (low/med): MED

% Moisture not Dec: 61

Column (pack/cap): PACK

Number TICs Found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	ALKYL BENZENE DERIVATIVE	34.43	6800	J
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
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28				
29				
30				

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. **22**

SS202D

Lab Name: RECRA ENVIRON Contract: NY91-820

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D

Matrix: (soil/water) SOIL Lab Sample ID: SS202D

Sample wt/vol: 5.0 (g/mL) G Lab File ID: H5562

Level: (low/med) LOW Date Received: 08/02/91

% Moisture: not dec. 22 Date Analyzed: 08/03/91

Column: (pack/cap) PACK Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>		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	6	U	
67-64-1	Acetone	49		
75-15-0	Carbon Disulfide	6	U	
75-35-4	1,1-Dichloroethene	6	U	
75-34-3	1,1-Dichloroethane	6	U	
540-59-0	1,2-Dichloroethene (total)	6	U	
67-66-3	Chloroform	6	U	
107-06-2	1,2-Dichloroethane	6	U	
78-93-3	2-Butanone	13	U	
71-55-6	1,1,1-Trichloroethane	4	BJ	
56-23-5	Carbon Tetrachloride	6	U	
108-05-4	Vinyl Acetate	13	U	
75-27-4	Bromodichloromethane	6	U	
78-87-5	1,2-Dichloropropane	6	U	
10061-01-5	cis-1,3-dichloropropene	6	U	
79-01-6	Trichloroethene	6	U	
124-48-1	Dibromochloromethane	6	U	
79-00-5	1,1,2-Trichloroethane	6	U	
71-43-2	Benzene	6	U	
10061-02-6	trans-1,3-dichloropropene	6	U	
75-25-2	Bromoform	6	U	
108-10-1	4-Methyl-2-Pentanone	13	U	
591-78-6	2-Hexanone	13	U	
127-18-4	Tetrachloroethene	6	U	
79-34-5	1,1,2,2-Tetrachloroethane	6	U	
108-88-3	Toluene	6	U	
108-90-7	Chlorobenzene	6	U	
100-41-4	Ethylbenzene	6	U	
100-42-5	Styrene	6	U	
1330-20-7	Total Xylenes	6		

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SS202D

Lab Name: RECRA ENVIRONContract: NY91-820Lab Code: RECNYCase No.: 3603

SAS No.: _____

SDG No.: SS201DMatrix: (soil/water) SOILLab Sample ID: SS202DSample wt/vol: 5.0 (g/mL) GLab File ID: H5562Level: (low/med) LOWDate Received: 08/02/91% Moisture: not dec. 22Date Analyzed: 08/03/91Column (pack/cap) PACKDilution Factor: 1.0Number TICs found: 0CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS202S

Lab Name: RECRA ENVIRON Contract: NY91-820Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201DMatrix: (soil/water) SOIL Lab Sample ID: SS202SSample wt/vol: 5.2 (g/mL) G Lab File ID: H5559Level: (low/med) LOW Date Received: 08/02/91% Moisture: not dec. 39 Date Analyzed: 08/03/91Column: (pack/cap) PACK Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	Chloromethane	16	U
74-83-9	Bromomethane	16	U
75-01-4	Vinyl Chloride	16	U
75-00-3	Chloroethane	16	U
75-09-2	Methylene Chloride	8	U
67-64-1	Acetone	39	
75-15-0	Carbon Disulfide	8	U
75-35-4	1,1-Dichloroethene	8	U
75-34-3	1,1-Dichloroethane	8	U
540-59-0	1,2-Dichloroethene (total)	8	U
67-66-3	Chloroform	8	U
107-06-2	1,2-Dichloroethane	8	U
78-93-3	2-Butanone	16	U
71-55-6	1,1,1-Trichloroethane	7	BJ
56-23-5	Carbon Tetrachloride	8	U
108-05-4	Vinyl Acetate	16	U
75-27-4	Bromodichloromethane	8	U
78-87-5	1,2-Dichloropropane	8	U
10061-01-5	cis-1,3-dichloropropene	8	U
79-01-6	Trichloroethene	8	U
124-48-1	Dibromochloromethane	8	U
79-00-5	1,1,2-Trichloroethane	8	U
71-43-2	Benzene	8	U
10061-02-6	trans-1,3-dichloropropene	8	U
75-25-2	Bromoform	8	U
108-10-1	4-Methyl-2-Pentanone	16	U
591-78-6	2-Hexanone	16	U
127-18-4	Tetrachloroethene	8	U
79-34-5	1,1,2,2-Tetrachloroethane	8	U
108-88-3	Toluene	8	U
108-90-7	Chlorobenzene	8	U
100-41-4	Ethylbenzene	8	U
100-42-5	Styrene	8	U
1330-20-7	Total Xylenes	8	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO. ²⁵

SS202S

Lab Name: RECRA ENVIRON Contract: NY91-820
Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D
Matrix: (soil/water) SOIL Lab Sample ID: SS202S
Sample wt/vol: 5.2 (g/mL) G Lab File ID: H5559
Level: (low/med) LOW Date Received: 08/02/91
% Moisture: not dec. 39 Date Analyzed: 08/03/91
Column (pack/cap) PACK Dilution Factor: 1.0

Number TICs found: 0

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

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

26
EPA SAMPLE NO.

SS202SDUP

Lab Name: RECRA ENVIRON Contract: NY91-820

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D

Matrix: (soil/water) SOIL Lab Sample ID: SS202SDUP

Sample wt/vol: 5.0 (g/mL) G Lab File ID: H5582

Level: (low/med) LOW Date Received: 08/02/91

% Moisture: not dec. 39 Date Analyzed: 08/05/91

Column: (pack/cap) PACK Dilution Factor: 1.0

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

CAS NO.	COMPOUND	Q
74-87-3	Chloromethane	16 U
74-83-9	Bromomethane	16 U
75-01-4	Vinyl Chloride	16 U
75-00-3	Chloroethane	16 U
75-09-2	Methylene Chloride	8 U
67-64-1	Acetone	490 E
75-15-0	Carbon Disulfide	8 U
75-35-4	1,1-Dichloroethene	8 U
75-34-3	1,1-Dichloroethane	8 U
540-59-0	1,2-Dichloroethene (total)	8 U
67-66-3	Chloroform	8 U
107-06-2	1,2-Dichloroethane	8 U
78-93-3	2-Butanone	69
71-55-6	1,1,1-Trichloroethane	3 BJ
56-23-5	Carbon Tetrachloride	8 U
108-05-4	Vinyl Acetate	16 U
75-27-4	Bromodichloromethane	8 U
78-87-5	1,2-Dichloropropane	8 U
10061-01-5	cis-1,3-dichloropropene	8 U
79-01-6	Trichloroethene	8 U
124-48-1	Dibromochloromethane	8 U
79-00-5	1,1,2-Trichloroethane	8 U
71-43-2	Benzene	8 U
10061-02-6	trans-1,3-dichloropropene	8 U
75-25-2	Bromoform	8 U
108-10-1	4-Methyl-2-Pentanone	16 U
591-78-6	2-Hexanone	16 U
127-18-4	Tetrachloroethene	8 U
79-34-5	1,1,2,2-Tetrachloroethane	8 U
108-88-3	Toluene	8 U
108-90-7	Chlorobenzene	8 U
100-41-4	Ethylbenzene	8 U
100-42-5	Styrene	8 U
1330-20-7	Total Xylenes	8 U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO. ²⁷

SS202SDUP

Lab Name: RECRA ENVIRON Contract: NY91-820

Lab Code: RECNY Case No.: 3603 SAS No.: SDG No.: SS201D

Matrix: (soil/water) SOIL Lab Sample ID: SS202SDUP

Sample wt/vol: 5.0 (g/mL) G Lab File ID: H5582

Level: (low/med) LOW Date Received: 08/02/91

% Moisture: not dec. 39 Date Analyzed: 08/05/91

Column (pack/cap) PACK Dilution Factor: 1.0

Number TICs found: 0

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

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

28
EPA SAMPLE NO.

SS202SDUPDL

Lab Name: RECRA ENVIRON Contract: NY91-820

Lab code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D

Matrix: (soil/water) SOIL Lab Sample ID: SS202SDUPDL

Sample wt/vol: 1.2 (g/mL) G Lab File ID: H5589

Level: (low/med) LOW Date Received: 08/02/91

% Moisture: not dec. 39 Date Analyzed: 08/05/91

Column: (pack/cap) PACK Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	Chloromethane	68	U
74-83-9	Bromomethane	68	U
75-01-4	Vinyl Chloride	68	U
75-00-3	Chloroethane	68	U
75-09-2	Methylene Chloride	15	DJ
67-64-1	Acetone	140	D
75-15-0	Carbon Disulfide	34	U
75-35-4	1,1-Dichloroethene	34	U
75-34-3	1,1-Dichloroethane	34	U
540-59-0	1,2-Dichloroethene (total)	34	U
67-66-3	Chloroform	34	U
107-06-2	1,2-Dichloroethane	34	U
78-93-3	2-Butanone	68	U
71-55-6	1,1,1-Trichloroethane	34	U
56-23-5	Carbon Tetrachloride	34	U
108-05-4	Vinyl Acetate	68	U
75-27-4	Bromodichloromethane	34	U
78-87-5	1,2-Dichloropropane	34	U
10061-01-5	cis-1,3-dichloropropene	34	U
79-01-6	Trichloroethene	34	U
124-48-1	Dibromochloromethane	34	U
79-00-5	1,1,2-Trichloroethane	34	U
71-43-2	Benzene	34	U
10061-02-6	trans-1,3-dichloropropene	34	U
75-25-2	Bromoform	34	U
108-10-1	4-Methyl-2-Pentanone	68	U
591-78-6	2-Hexanone	68	U
127-18-4	Tetrachloroethene	5	DJ
79-34-5	1,1,2,2-Tetrachloroethane	34	U
108-88-3	Toluene	34	U
108-90-7	Chlorobenzene	34	U
100-41-4	Ethylbenzene	34	U
100-42-5	Styrene	34	U
1330-20-7	Total Xylenes		U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

29

EPA Sample No.: SS202SDUPDL

Lab Name: RECRA ENVIRONMENTAL, INC.

Contract: NY91-820

Lab Code: RECNY

Case No: 3603

SAS No.:

SDG No.: SS201D

Matrix (Soil/Water): SOIL

Lab Sample ID.: SS202SDUPDL

Sample wt/vol: 1.2 (g/mL): G

Lab File ID.: H5589

Level (low/med): LOW

Date Received: 08/02/91

% Moisture not Dec: 39

Date Analyzed: 08/05/91

Column (pack/cap): PACK

Dilution Factor: 1.0

Number TICs Found: 1

Concentration Units:

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	DICHLORINATED COMPOUND	20.85	150	J
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS203D

Lab Name: RECRA ENVIRON Contract: NY91-820Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201DMatrix: (soil/water) SOIL Lab Sample ID: SS203DSample wt/vol: 5.1 (g/mL) G Lab File ID: H5563Level: (low/med) LOW Date Received: 08/02/91% Moisture: not dec. 33 Date Analyzed: 08/03/91Column: (pack/cap) PACK Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
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	7	U
67-64-1	Acetone	130	
75-15-0	Carbon Disulfide	7	U
75-35-4	1,1-Dichloroethene	7	U
75-34-3	1,1-Dichloroethane	7	U
540-59-0	1,2-Dichloroethene (total)	7	U
67-66-3	Chloroform	7	U
107-06-2	1,2-Dichloroethane	7	U
78-93-3	2-Butanone	15	U
71-55-6	1,1,1-Trichloroethane	6	BJ
56-23-5	Carbon Tetrachloride	7	U
108-05-4	Vinyl Acetate	15	U
75-27-4	Bromodichloromethane	7	U
78-87-5	1,2-Dichloropropane	7	U
10061-01-5	cis-1,3-dichloropropene	7	U
79-01-6	Trichloroethene	7	U
124-48-1	Dibromochloromethane	7	U
79-00-5	1,1,2-Trichloroethane	7	U
71-43-2	Benzene	7	U
10061-02-6	trans-1,3-dichloropropene	7	U
75-25-2	Bromoform	7	U
108-10-1	4-Methyl-2-Pentanone	15	U
591-78-6	2-Hexanone	15	U
127-18-4	Tetrachloroethene	7	U
79-34-5	1,1,2,2-Tetrachloroethane	7	U
108-88-3	Toluene	7	U
108-90-7	Chlorobenzene	7	U
100-41-4	Ethylbenzene	7	U
100-42-5	Styrene	7	U
1330-20-7	Total Xylenes	7	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SS203D

Lab Name: RECRA ENVIRON Contract: NY91-820Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201DMatrix: (soil/water) SOIL Lab Sample ID: SS203Dsample wt/vol: 5.1 (g/mL) G Lab File ID: H5563Level: (low/med) LOW Date Received: 08/02/91% Moisture: not dec. 33 Date Analyzed: 08/03/91Column (pack/cap) PACK Dilution Factor: 1.00Number TICs found: 0CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS203S

Lab Name: RECRA ENVIRON Contract: NY91-820Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201DMatrix: (soil/water) SOIL Lab Sample ID: SS203SSample wt/vol: 5.0 (g/mL) G Lab File ID: H5569Level: (low/med) LOW Date Received: 08/02/91% Moisture: not dec. 31 Date Analyzed: 08/03/91Column: (pack/cap) PACK Dilution Factor: 1.0

CONCENTRATION UNITS:

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

Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
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	7	U
67-64-1-----	Acetone	78	
75-15-0-----	Carbon Disulfide	7	U
75-35-4-----	1,1-Dichloroethene	7	U
75-34-3-----	1,1-Dichloroethane	7	U
540-59-0-----	1,2-Dichloroethene (total)	7	U
67-66-3-----	Chloroform	7	U
107-06-2-----	1,2-Dichloroethane	7	U
78-93-3-----	2-Butanone	14	U
71-55-6-----	1,1,1-Trichloroethane	4	BJ
56-23-5-----	Carbon Tetrachloride	7	U
108-05-4-----	Vinyl Acetate	14	U
75-27-4-----	Bromodichloromethane	7	U
78-87-5-----	1,2-Dichloropropane	7	U
10061-01-5-----	cis-1,3-dichloropropene	7	U
79-01-6-----	Trichloroethene	7	U
124-48-1-----	Dibromochloromethane	7	U
79-00-5-----	1,1,2-Trichloroethane	7	U
71-43-2-----	Benzene	7	U
10061-02-6-----	trans-1,3-dichloropropene	7	U
75-25-2-----	Bromoform	7	U
108-10-1-----	4-Methyl-2-Pentanone	14	U
591-78-6-----	2-Hexanone	14	U
127-18-4-----	Tetrachloroethene	7	U
79-34-5-----	1,1,2,2-Tetrachloroethane	7	U
108-88-3-----	Toluene	7	U
108-90-7-----	Chlorobenzene	7	U
100-41-4-----	Ethylbenzene	7	U
100-42-5-----	Styrene	7	U
1330-20-7-----	Total Xylenes	7	--

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SS203S

Lab Name: RECRA ENVIRON Contract: NY91-820Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201DMatrix: (soil/water) SOIL Lab Sample ID: SS203SSample wt/vol: 5.0 (g/mL) G Lab File ID: H5569Level: (low/med) LOW Date Received: 08/02/91% Moisture: not dec. 31 Date Analyzed: 08/03/91Column (pack/cap) PACK Dilution Factor: 1.0Number TICs found: 0CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS203SDUP

Lab Name: RECRA ENVIRON Contract: NY91-820

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D

Matrix: (soil/water) SOIL Lab Sample ID: SS203SDUP

Sample wt/vol: 5.3 (g/mL) G - Lab File ID: H5570

Level: (low/med) LOW Date Received: 08/02/91

% Moisture: not dec. 31 Date Analyzed: 08/03/91

Column: (pack/cap) PACK Dilution Factor: 1.00

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

CAS NO. COMPOUND 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	7	U
67-64-1-----	Acetone	74	
75-15-0-----	Carbon Disulfide	7	U
75-35-4-----	1,1-Dichloroethene	7	U
75-34-3-----	1,1-Dichloroethane	7	U
540-59-0-----	1,2-Dichloroethene (total)	7	U
67-66-3-----	Chloroform	7	U
107-06-2-----	1,2-Dichloroethane	7	U
78-93-3-----	2-Butanone	14	U
71-55-6-----	1,1,1-Trichloroethane	4	BJ
56-23-5-----	Carbon Tetrachloride	7	U
108-05-4-----	Vinyl Acetate	14	U
75-27-4-----	Bromodichloromethane	7	U
78-87-5-----	1,2-Dichloropropane	7	U
10061-01-5-----	cis-1,3-dichloropropene	7	U
79-01-6-----	Trichloroethene	7	U
124-48-1-----	Dibromochloromethane	7	U
79-00-5-----	1,1,2-Trichloroethane	7	U
71-43-2-----	Benzene	7	U
10061-02-6-----	trans-1,3-dichloropropene	7	U
75-25-2-----	Bromoform	7	U
108-10-1-----	4-Methyl-2-Pentanone	14	U
591-78-6-----	2-Hexanone	14	U
127-18-4-----	Tetrachloroethene	7	U
79-34-5-----	1,1,2,2-Tetrachloroethane	7	U
108-88-3-----	Toluene	7	U
108-90-7-----	Chlorobenzene	7	U
100-41-4-----	Ethylbenzene	0.4	J
100-42-5-----	Styrene	7	U
1330-20-7-----	Total Xylenes	7	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO. **35**

SS203SDUP

Lab Name: RECRA ENVIRON Contract: NY91-820

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D

Matrix: (soil/water) SOIL Lab Sample ID: SS203SDUP

Sample wt/vol: 5.3 (g/mL) G Lab File ID: H5570

Level: (low/med) LOW Date Received: 08/02/91

% Moisture: not dec. 31 Date Analyzed: 08/03/91

Column (pack/cap) PACK Dilution Factor: 1.00

Number TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS204D

Lab Name: RECRA ENVIRONContract: NY91-820Lab Code: RECNYCase No.: 3603

SAS No.: _____

SDG No.: SS201DMatrix: (soil/water) SOILLab Sample ID: SS204DSample wt/vol: 5.2 (g/mL) GLab File ID: H5564Level: (low/med) LOWDate Received: 08/02/91% Moisture: not dec. 23Date Analyzed: 08/03/91Column: (pack/cap) PACKDilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
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	6	U
67-64-1-----	Acetone	71	
75-15-0-----	Carbon Disulfide	6	U
75-35-4-----	1,1-Dichloroethene	6	U
75-34-3-----	1,1-Dichloroethane	6	U
540-59-0-----	1,2-Dichloroethene (total)	6	U
67-66-3-----	Chloroform	6	U
107-06-2-----	1,2-Dichloroethane	6	U
78-93-3-----	2-Butanone	12	U
71-55-6-----	1,1,1-Trichloroethane	4	BJ
56-23-5-----	Carbon Tetrachloride	6	U
108-05-4-----	Vinyl Acetate	12	U
75-27-4-----	Bromodichloromethane	6	U
78-87-5-----	1,2-Dichloropropane	6	U
10061-01-5-----	cis-1,3-dichloropropene	6	U
79-01-6-----	Trichloroethene	6	U
124-48-1-----	Dibromochloromethane	6	U
79-00-5-----	1,1,2-Trichloroethane	6	U
71-43-2-----	Benzene	6	U
10061-02-6-----	trans-1,3-dichloropropene	6	U
75-25-2-----	Bromoform	6	U
108-10-1-----	4-Methyl-2-Pentanone	12	U
591-78-6-----	2-Hexanone	12	U
127-18-4-----	Tetrachloroethene	6	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6	U
108-88-3-----	Toluene	6	U
108-90-7-----	Chlorobenzene	6	U
100-41-4-----	Ethylbenzene	6	U
100-42-5-----	Styrene	6	U
1330-20-7-----	Total Xylenes	6	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SS204D

Lab Name: RECRA ENVIRON Contract: NY91-820
Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D
Matrix: (soil/water) SOIL Lab Sample ID: SS204D
Sample wt/vol: 5.2 (g/mL) G Lab File ID: H5564
Level: (low/med) LOW Date Received: 08/02/91
% Moisture: not dec. 23 Date Analyzed: 08/03/91
Column (pack/cap) PACK Dilution Factor: 1.0

Number TICs found: 0

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

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS204S

Lab Name: RECRA ENVIRON Contract: NY91-820

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D

Matrix: (soil/water) SOIL Lab Sample ID: SS204S

Sample wt/vol: 5.0 (g/mL) G Lab File ID: H5583

Level: (low/med) LOW Date Received: 08/02/91

% Moisture: not dec. 42 Date Analyzed: 08/05/91

Column: (pack/cap) PACK Dilution Factor: 1.0

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

CAS NO.	COMPOUND		
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	9	U
67-64-1	Acetone	75	
75-15-0	Carbon Disulfide	9	U
75-35-4	1,1-Dichloroethene	9	U
75-34-3	1,1-Dichloroethane	9	U
540-59-0	1,2-Dichloroethene (total)	9	U
67-66-3	Chloroform	9	U
107-06-2	1,2-Dichloroethane	9	U
78-93-3	2-Butanone	17	U
71-55-6	1,1,1-Trichloroethane	9	U
56-23-5	Carbon Tetrachloride	9	U
108-05-4	Vinyl Acetate	17	U
75-27-4	Bromodichloromethane	9	U
78-87-5	1,2-Dichloropropane	9	U
10061-01-5	cis-1,3-dichloropropene	9	U
79-01-6	Trichloroethene	9	U
124-48-1	Dibromochloromethane	9	U
79-00-5	1,1,2-Trichloroethane	9	U
71-43-2	Benzene	9	U
10061-02-6	trans-1,3-dichloropropene	9	U
75-25-2	Bromoform	9	U
108-10-1	4-Methyl-2-Pentanone	17	U
591-78-6	2-Hexanone	17	U
127-18-4	Tetrachloroethene	9	U
79-34-5	1,1,2,2-Tetrachloroethane	9	U
108-88-3	Toluene	9	U
108-90-7	Chlorobenzene	9	U
100-41-4	Ethylbenzene	9	U
100-42-5	Styrene	9	U
1330-20-7	Total Xylenes	9	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO. 39

SS204S

Lab Name: RECRA ENVIRON Contract: NY91-820

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D

Matrix: (soil/water) SOIL Lab Sample ID: SS204S

Sample wt/vol: 5.0 (g/mL) G Lab File ID: H5583

Level: (low/med) LOW Date Received: 08/02/91

% Moisture: not dec. 42 Date Analyzed: 08/05/91

Column (pack/cap) PACK Dilution Factor: 1.0

Number TICs found: 0

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

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 40

Lab Name: RECRA ENVIRON

Contract: NY91-820

TP201

Lab Code: RECNY

Case No.: 3603

SAS No.: _____

SDG No.: SS201D

Matrix: (soil/water) SOIL

Lab Sample ID: TP201

Sample wt/vol: 5.1 (g/mL) G

Lab File ID: H5630

Level: (low/med) LOW

Date Received: 08/06/91

% Moisture: not dec. 14

Date Analyzed: 08/06/91

Column: (pack/cap) PACK

Dilution Factor: 1.00

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

74-87-3-----	Chloromethane	11	U
74-83-9-----	Bromomethane	11	U
75-01-4-----	Vinyl Chloride	11	U
75-00-3-----	Chloroethane	11	U
75-09-2-----	Methylene Chloride	3	BJ
67-64-1-----	Acetone	11	BJ
75-15-0-----	Carbon Disulfide	6	U
75-35-4-----	1,1-Dichloroethene	6	U
75-34-3-----	1,1-Dichloroethane	6	U
540-59-0-----	1,2-Dichloroethene (total)	6	U
67-66-3-----	Chloroform	6	U
107-06-2-----	1,2-Dichloroethane	6	U
78-93-3-----	2-Butanone	11	U
71-55-6-----	1,1,1-Trichloroethane	2	J
56-23-5-----	Carbon Tetrachloride	6	U
108-05-4-----	Vinyl Acetate	11	U
75-27-4-----	Bromodichloromethane	6	U
78-87-5-----	1,2-Dichloropropane	6	U
10061-01-5-----	cis-1,3-dichloropropene	6	U
79-01-6-----	Trichloroethene	6	U
124-48-1-----	Dibromochloromethane	6	U
79-00-5-----	1,1,2-Trichloroethane	6	U
71-43-2-----	Benzene	6	U
10061-02-6-----	trans-1,3-dichloropropene	6	U
75-25-2-----	Bromoform	6	U
108-10-1-----	4-Methyl-2-Pentanone	11	U
591-78-6-----	2-Hexanone	11	U
127-18-4-----	Tetrachloroethene	6	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6	U
108-88-3-----	Toluene	6	U
108-90-7-----	Chlorobenzene	6	U
100-41-4-----	Ethylbenzene	6	U
100-42-5-----	Styrene	6	U
1330-20-7-----	Total Xylenes	6	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO. 41

TP201

Lab Name: RECRA ENVIRON Contract: NY91-820

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D

Matrix: (soil/water) SOIL Lab Sample ID: TP201

Sample wt/vol: 5.1 (g/mL) G Lab File ID: H5630

Level: (low/med) LOW Date Received: 08/06/91

% Moisture: not dec. 14 Date Analyzed: 08/06/91

Column (pack/cap) PACK Dilution Factor: 1.00

Number TICs found: 0

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

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP202

Lab Name: RECRA ENVIRONContract: NY91-820Lab Code: RECNYCase No.: 3603

SAS No.: _____

SDG No.: SS201DMatrix: (soil/water) SOILLab Sample ID: TP202Sample wt/vol: 5.1 (g/mL) GLab File ID: H5634Level: (low/med) LOWDate Received: 08/06/91% Moisture: not dec. 14Date Analyzed: 08/07/91Column: (pack/cap) PACKDilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3-----	Chloromethane	11	U
74-83-9-----	Bromomethane	11	U
75-01-4-----	Vinyl Chloride	11	U
75-00-3-----	Chloroethane	11	U
75-09-2-----	Methylene Chloride	4	BJ
67-64-1-----	Acetone	13	B
75-15-0-----	Carbon Disulfide	6	U
75-35-4-----	1,1-Dichloroethene	6	U
75-34-3-----	1,1-Dichloroethane	6	U
540-59-0-----	1,2-Dichloroethene (total)	6	U
67-66-3-----	Chloroform	6	U
107-06-2-----	1,2-Dichloroethane	6	U
78-93-3-----	2-Butanone	11	U
71-55-6-----	1,1,1-Trichloroethane	3	J
56-23-5-----	Carbon Tetrachloride	6	U
108-05-4-----	Vinyl Acetate	11	U
75-27-4-----	Bromodichloromethane	6	U
78-87-5-----	1,2-Dichloropropane	6	U
10061-01-5-----	cis-1,3-dichloropropene	6	U
79-01-6-----	Trichloroethene	6	U
124-48-1-----	Dibromochloromethane	6	U
79-00-5-----	1,1,2-Trichloroethane	6	U
71-43-2-----	Benzene	6	U
10061-02-6-----	trans-1,3-dichloropropene	6	U
75-25-2-----	Bromoform	6	U
108-10-1-----	4-Methyl-2-Pentanone	11	U
591-78-6-----	2-Hexanone	11	U
127-18-4-----	Tetrachloroethene	6	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6	U
108-88-3-----	Toluene	6	U
108-90-7-----	Chlorobenzene	6	U
100-41-4-----	Ethylbenzene	6	U
100-42-5-----	Styrene	6	U
1330-20-7-----	Total Xylenes	6	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TP202

Lab Name: RECRA ENVIRON Contract: NY91-820
Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D
Matrix: (soil/water) SOIL Lab Sample ID: TP202
Sample wt/vol: 5.1 (g/mL) G Lab File ID: H5634
Level: (low/med) LOW Date Received: 08/06/91
% Moisture: not dec. 14 Date Analyzed: 08/07/91
Column (pack/cap) PACK Dilution Factor: 1.00

Number TICs found: 0CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 44

TP203

Lab Name: RECRA ENVIRON Contract: NY91-820
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D
 Matrix: (soil/water) SOIL Lab Sample ID: TP203
 Sample wt/vol: 5.1 (g/mL) G Lab File ID: H5635
 Level: (low/med) LOW Date Received: 08/06/91
 % Moisture: not dec. 14 Date Analyzed: 08/07/91
 Column: (pack/cap) PACK Dilution Factor: 1.00

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

74-87-3-----	Chloromethane	11	U
74-83-9-----	Bromomethane	11	U
75-01-4-----	Vinyl Chloride	11	U
75-00-3-----	Chloroethane	11	U
75-09-2-----	Methylene Chloride	3	BJ
67-64-1-----	Acetone	11	U
75-15-0-----	Carbon Disulfide	6	U
75-35-4-----	1,1-Dichloroethene	6	U
75-34-3-----	1,1-Dichloroethane	6	U
540-59-0-----	1,2-Dichloroethene (total)	6	U
67-66-3-----	Chloroform	6	U
107-06-2-----	1,2-Dichloroethane	6	U
78-93-3-----	2-Butanone	11	U
71-55-6-----	1,1,1-Trichloroethane	6	U
56-23-5-----	Carbon Tetrachloride	6	U
108-05-4-----	Vinyl Acetate	11	U
75-27-4-----	Bromodichloromethane	6	U
78-87-5-----	1,2-Dichloropropane	6	U
10061-01-5-----	cis-1,3-dichloropropene	6	U
79-01-6-----	Trichloroethene	6	U
124-48-1-----	Dibromochloromethane	6	U
79-00-5-----	1,1,2-Trichloroethane	6	U
71-43-2-----	Benzene	6	U
10061-02-6-----	trans-1,3-dichloropropene	6	U
75-25-2-----	Bromoform	6	U
108-10-1-----	4-Methyl-2-Pentanone	11	U
591-78-6-----	2-Hexanone	11	U
127-18-4-----	Tetrachloroethene	6	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6	U
108-88-3-----	Toluene	6	U
108-90-7-----	Chlorobenzene	6	U
100-41-4-----	Ethylbenzene	6	U
100-42-5-----	Styrene	6	U
1330-20-7-----	Total Xylenes	6	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO. 45

TP203

Lab Name: RECRA ENVIRON Contract: NY91-820
Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D
Matrix: (soil/water) SOIL Lab Sample ID: TP203
Sample wt/vol: 5.1 (g/mL) G Lab File ID: H5635
Level: (low/med) LOW Date Received: 08/06/91
% Moisture: not dec. 14 Date Analyzed: 08/07/91
Column (pack/cap) PACK Dilution Factor: 1.00

Number TICs found: 0

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

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. **46**

TP204

Lab Name: RECRA ENVIRON Contract: NY91-820

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D

Matrix: (soil/water) SOIL Lab Sample ID: TP204

Sample wt/vol: 5.1 (g/mL) G Lab File ID: H5631

Level: (low/med) LOW Date Received: 08/06/91

Moisture: not dec. 15 Date Analyzed: 08/07/91

Column: (pack/cap) PACK Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
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	3	BJ
67-64-1	Acetone	12	B
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	2	J
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Total Xylenes	6	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TP204

Lab Name: RECRA ENVIRON Contract: NY91-820
Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D
Matrix: (soil/water) SOIL Lab Sample ID: TP204
Sample wt/vol: 5.1 (g/mL) G Lab File ID: H5631
Level: (low/med) LOW Date Received: 08/06/91
% Moisture: not dec. 15 Date Analyzed: 08/07/91
Column (pack/cap) PACK Dilution Factor: 1.00

Number TICs found: 0CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 48

TP205

Lab Name: RECRA ENVIRON Contract: NY91-820

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D

Matrix: (soil/water) SOIL Lab Sample ID: TP205

Sample wt/vol: 5.1 (g/mL) G Lab File ID: H5636

Level: (low/med) LOW Date Received: 08/06/91

% Moisture: not dec. 19 Date Analyzed: 08/07/91

Column: (pack/cap) PACK Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	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	6	BJ
67-64-1	Acetone	34	B
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	3	J
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene		U
100-42-5	Styrene		U
1330-20-7	Total Xylenes		U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO. 49

TP205

Lab Name: RECRA ENVIRON Contract: NY91-820

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D

Matrix: (soil/water) SOIL Lab Sample ID: TP205

Sample wt/vol: 5.1 (g/mL) G Lab File ID: H5636

Level: (low/med) LOW Date Received: 08/06/91

% Moisture: not dec. 19 Date Analyzed: 08/07/91

Column (pack/cap) PACK. Dilution Factor: 1.00

Number TICs found: 0

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

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP206

Lab Name: RECRA ENVIRON Contract: NY91-820Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201DMatrix: (soil/water) SOILLab Sample ID: TP206Sample wt/vol: 5.0 (g/mL) GLab File ID: H5637Level: (low/med) LOWDate Received: 08/06/91% Moisture: not dec. 12Date Analyzed: 08/07/91Column: (pack/cap) PACKDilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3-----	Chloromethane	11	U
74-83-9-----	Bromomethane	11	U
75-01-4-----	Vinyl Chloride	11	U
75-00-3-----	Chloroethane	11	U
75-09-2-----	Methylene Chloride	5	BJ
67-64-1-----	Acetone	11	U
75-15-0-----	Carbon Disulfide	6	U
75-35-4-----	1,1-Dichloroethene	6	U
75-34-3-----	1,1-Dichloroethane	6	U
540-59-0-----	1,2-Dichloroethene (total)	6	U
67-66-3-----	Chloroform	6	U
107-06-2-----	1,2-Dichloroethane	6	U
78-93-3-----	2-Butanone	11	U
71-55-6-----	1,1,1-Trichloroethane	6	U
56-23-5-----	Carbon Tetrachloride	6	U
108-05-4-----	Vinyl Acetate	11	U
75-27-4-----	Bromodichloromethane	6	U
78-87-5-----	1,2-Dichloropropane	6	U
10061-01-5-----	cis-1,3-dichloropropene	6	U
79-01-6-----	Trichloroethene	6	U
124-48-1-----	Dibromochloromethane	6	U
79-00-5-----	1,1,2-Trichloroethane	6	U
71-43-2-----	Benzene	6	U
10061-02-6-----	trans-1,3-dichloropropene	6	U
75-25-2-----	Bromoform	6	U
108-10-1-----	4-Methyl-2-Pentanone	11	U
591-78-6-----	2-Hexanone	11	U
127-18-4-----	Tetrachloroethene	6	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6	U
108-88-3-----	Toluene	6	U
108-90-7-----	Chlorobenzene	6	U
100-41-4-----	Ethylbenzene	6	U
100-42-5-----	Styrene	6	U
1330-20-7-----	Total Xylenes	6	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TP206

Lab Name: RECRA ENVIRON Contract: NY91-820
Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D
Matrix: (soil/water) SOIL Lab Sample ID: TP206
Sample wt/vol: 5.0 (g/mL) G Lab File ID: H5637
Level: (low/med) LOW Date Received: 08/06/91
% Moisture: not dec. 12 Date Analyzed: 08/07/91
Column (pack/cap) PACK Dilution Factor: 1.0

Number TICs found: 0CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRIPBLANK

Lab Name: RECRA ENVIRON Contract: NY91-820

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D

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

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: G9858

Level: (low/med) LOW Date Received: 08/06/91

% Moisture: not dec. _____ Date Analyzed: 08/07/91

Column: (pack/cap) PACK Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
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	1	J
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Total Xylenes	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE No 53

TRIPBLANK

Lab Name: RECRA ENVIRON Contract: NY91-820
Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D
Matrix: (soil/water) WATER Lab Sample ID: TRIPBLANK
Sample wt/vol: 5.0 (g/mL) ML Lab File ID: G9858
Level: (low/med) LOW Date Received: 08/06/91
% Moisture: not dec. _____ Date Analyzed: 08/07/91
Column (pack/cap) PACK Dilution Factor: 1.0

Number TICs found: 0

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

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO **54**

VHB

Lab Name: RECRA ENVIRON Contract: NY91-820
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D
 Matrix: (soil/water) WATER Lab Sample ID: VHB
 Sample wt/vol: 5.0 (g/mL) ML Lab File ID: G9859
 Level: (low/med) LOW Date Received: 08/06/91
 % Moisture: not dec. _____ Date Analyzed: 08/07/91
 Column: (pack/cap) PACK Dilution Factor: 1.0

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

74-87-3-----	Chloromethane	10	U
74-83-9-----	Bromomethane	10	U
75-01-4-----	Vinyl Chloride	10	U
75-00-3-----	Chloroethane	10	U
75-09-2-----	Methylene Chloride	5	U
67-64-1-----	Acetone	10	U
75-15-0-----	Carbon Disulfide	5	U
75-35-4-----	1,1-Dichloroethene	5	U
75-34-3-----	1,1-Dichloroethane	5	U
540-59-0-----	1,2-Dichloroethene (total)	5	U
67-66-3-----	Chloroform	5	U
107-06-2-----	1,2-Dichloroethane	5	U
78-93-3-----	2-Butanone	10	U
71-55-6-----	1,1,1-Trichloroethane	5	U
56-23-5-----	Carbon Tetrachloride	5	U
108-05-4-----	Vinyl Acetate	10	U
75-27-4-----	Bromodichloromethane	5	U
78-87-5-----	1,2-Dichloropropane	5	U
10061-01-5-----	cis-1,3-dichloropropene	5	U
79-01-6-----	Trichloroethene	5	U
124-48-1-----	Dibromochloromethane	5	U
79-00-5-----	1,1,2-Trichloroethane	5	U
71-43-2-----	Benzene	5	U
10061-02-6-----	trans-1,3-dichloropropene	5	U
75-25-2-----	Bromoform	5	U
108-10-1-----	4-Methyl-2-Pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	5	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5	U
108-88-3-----	Toluene	5	U
108-90-7-----	Chlorobenzene	5	U
100-41-4-----	Ethylbenzene	5	U
100-42-5-----	Styrene	5	U
1330-20-7-----	Total Xylenes	5	"

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

55

VHB

Lab Name: RECRA ENVIRON Contract: NY91-820

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D

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

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: G9859

Level: (low/med) LOW Date Received: 08/06/91

% Moisture: not dec. _____ Date Analyzed: 08/07/91

Column (pack/cap) PACK Dilution Factor: 1.0

Number TICs found: 0

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

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

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 56

SO201

Lab Name: RECRA ENVIRON Contract: NY91-820

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D

Matrix: (soil/water) SOIL Lab Sample ID: SO201

Sample wt/vol: 30.7 (g/mL) G Lab File ID: 8631Y

Level: (low/med) LOW Date Received: 08/02/91

% Moisture: not dec. 9 dec. _____ Date Extracted: 08/07/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/22/91

GPC Cleanup: (Y/N) Y pH: 7.8 Dilution Factor: 1.0

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

108-95-2	Phenol	710	U
111-44-4	bis(2-Chloroethyl) Ether	710	U
95-57-8	2-Chlorophenol	710	U
541-73-1	1,3-Dichlorobenzene	710	U
106-46-7	1,4-Dichlorobenzene	710	U
100-51-6	Benzyl Alcohol	710	U
95-50-1	1,2-Dichlorobenzene	710	U
95-48-7	2-Methylphenol	710	U
108-60-1	bis(2-Chloroisopropyl) Ether	710	U
106-44-5	4-Methylphenol	710	U
621-64-7	N-Nitroso-Di-n-Propylamine	710	U
67-72-1	Hexachloroethane	710	U
98-95-3	Nitrobenzene	710	U
78-59-1	Isophorone	710	U
88-75-5	2-Nitrophenol	710	U
105-67-9	2,4-Dimethylphenol	710	U
65-85-0	Benzoic Acid	3400	U
111-91-1	bis(2-Chloroethoxy) Methane	710	U
120-83-2	2,4-Dichlorophenol	710	U
120-82-1	1,2,4-Trichlorobenzene	710	U
91-20-3	Naphthalene	710	U
106-47-8	4-Chloroaniline	710	U
87-68-3	Hexachlorobutadiene	710	U
59-50-7	4-Chloro-3-Methylphenol	710	U
91-57-6	2-Methylnaphthalene	710	U
77-47-4	Hexachlorocyclopentadiene	710	U
88-06-2	2,4,6-Trichlorophenol	710	U
95-95-4	2,4,5-Trichlorophenol	3400	U
91-58-7	2-Chloronaphthalene	710	U
88-74-4	2-Nitroaniline	3400	U
131-11-3	Dimethyl Phthalate	710	U
208-96-8	Acenaphthylene	710	U
606-20-2	2,6-Dinitrotoluene	710	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

S0201

Lab Name: RECRA ENVIRON Contract: NY91-820

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D

Matrix: (soil/water) SOIL Lab Sample ID: S0201

Sample wt/vol: 30.7 (g/mL) G Lab File ID: 8631Y

Level: (low/med) LOW Date Received: 08/02/91

% Moisture: not dec. 9 dec. _____ Date Extracted: 08/07/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/22/91

GPC cleanup: (Y/N) Y pH: 7.8 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2-----	3-Nitroaniline	3400	U
83-32-9-----	Acenaphthene	710	U
51-28-5-----	2,4-Dinitrophenol	3400	U
100-02-7-----	4-Nitrophenol	3400	U
132-64-9-----	Dibenzofuran	710	U
121-14-2-----	2,4-Dinitrotoluene	710	U
84-66-2-----	Diethylphthalate	710	U
7005-72-3-----	4-Chlorophenyl-phenylether	710	U
86-73-7-----	Fluorene	710	U
100-01-6-----	4-Nitroaniline	3400	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	3400	U
86-30-6-----	N-Nitrosodiphenylamine (1)	710	U
101-55-3-----	4-Bromophenyl-phenylether	710	U
118-74-1-----	Hexachlorobenzene	710	U
87-86-5-----	Pentachlorophenol	3400	U
85-01-8-----	Phenanthrene	150	J
120-12-7-----	Anthracene	710	U
84-74-2-----	Di-n-Butylphthalate	710	U
206-44-0-----	Fluoranthene	300	J
129-00-0-----	Pyrene	280	J
85-68-7-----	Butylbenzylphthalate	710	U
91-94-1-----	3,3'-Dichlorobenzidine	1400	U
56-55-3-----	Benzo(a)Anthracene	710	U
218-01-9-----	Chrysene	160	J
117-81-7-----	Bis(2-Ethylhexyl)Phthalate	710	U
117-84-0-----	Di-n-Octyl Phthalate	710	U
205-99-2-----	Benzo(b)Fluoranthene	160	J
207-08-9-----	Benzo(k)Fluoranthene	710	U
50-32-8-----	Benzo(a)Pyrene	82	J
193-39-5-----	Indeno(1,2,3-cd)Pyrene	66	J
53-70-3-----	Dibenz(a,h)Anthracene	710	U
191-24-2-----	Benzo(g,h,i)Perylene	710	U

(1) - Cannot be separated from Diphenylamine

EPA Sample No.: SO201

Contract: NY91-820

SDG No.: SS201

Lab Sample ID.: SO201

Lab File ID. : 8631Y

Bite Received: 08/02/91

Bite Extracted: 08/07/91

Bite Analyzed: 08/22/91

Dilution Factor: 1.0

Concentration Units:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	UNKNOWN	5.12	1800	BJ
2	SUSPECTED ALDOL COND.PRODUCT	5.83	360	AJ
3	UNKNOWN HYDROCARBON	28.97	640	J
4	UNKNOWN HYDROCARBON	30.98	1600	J
5	UNKNOWN HYDROCARBON	32.25	1500	J
6	ALKYL HYDROCARBON	32.83	4300	J
7	ALKYL HYDROCARBON	34.53	760	J
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

S0202

Lab Name: RECRA ENVIRON Contract: NY91-820

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D

Matrix: (soil/water) SOIL Lab Sample ID: S0202

Sample wt/vol: 30.3 (g/mL) G Lab File ID: 8632Y

Level: (low/med) LOW Date Received: 08/02/91

% Moisture: not dec. 8 dec. _____ Date Extracted: 08/07/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/22/91

GPC Cleanup: (Y/N) Y pH: 7.5 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	Q
108-95-2	Phenol	710 U
111-44-4	bis(2-Chloroethyl) Ether	710 U
95-57-8	2-Chlorophenol	710 U
541-73-1	1,3-Dichlorobenzene	710 U
106-46-7	1,4-Dichlorobenzene	710 U
100-51-6	Benzyl Alcohol	710 U
95-50-1	1,2-Dichlorobenzene	710 U
95-48-7	2-Methylphenol	710 U
108-60-1	bis(2-Chloroisopropyl) Ether	710 U
106-44-5	4-Methylphenol	710 U
621-64-7	N-Nitroso-Di-n-Propylamine	710 U
67-72-1	Hexachloroethane	710 U
98-95-3	Nitrobenzene	710 U
78-59-1	Isophorone	710 U
88-75-5	2-Nitrophenol	710 U
105-67-9	2,4-Dimethylphenol	710 U
65-85-0	Benzoic Acid	3400 U
111-91-1	bis(2-Chloroethoxy) Methane	710 U
120-83-2	2,4-Dichlorophenol	710 U
120-82-1	1,2,4-Trichlorobenzene	710 U
91-20-3	Naphthalene	710 U
106-47-8	4-Chloroaniline	710 U
87-68-3	Hexachlorobutadiene	710 U
59-50-7	4-Chloro-3-Methylphenol	710 U
91-57-6	2-Methylnaphthalene	710 U
77-47-4	Hexachlorocyclopentadiene	710 U
88-06-2	2,4,6-Trichlorophenol	710 U
95-95-4	2,4,5-Trichlorophenol	3400 U
91-58-7	2-Chloronaphthalene	710 U
88-74-4	2-Nitroaniline	3400 U
131-11-3	Dimethyl Phthalate	710
208-96-8	Acenaphthylene	710
606-20-2	2,6-Dinitrotoluene	710

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: RECRA ENVIRON Contract: NY91-820

SO202

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201DMatrix: (soil/water) SOIL Lab Sample ID: SO202Sample wt/vol: 30.3 (g/mL) G Lab File ID: 8632YLevel: (low/med) LOW Date Received: 08/02/91% Moisture: not dec. 8 dec. _____ Date Extracted: 08/07/91Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/22/91GPC Cleanup: (Y/N) Y pH: 7.5 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2-----	3-Nitroaniline	3400	U
83-32-9-----	Acenaphthene	710	U
51-28-5-----	2,4-Dinitrophenol	3400	U
100-02-7-----	4-Nitrophenol	3400	U
132-64-9-----	Dibenzofuran	710	U
121-14-2-----	2,4-Dinitrotoluene	710	U
84-66-2-----	Diethylphthalate	710	U
7005-72-3-----	4-Chlorophenyl-phenylether	710	U
86-73-7-----	Fluorene	710	U
100-01-6-----	4-Nitroaniline	3400	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	3400	U
86-30-6-----	N-Nitrosodiphenylamine (1)	710	U
101-55-3-----	4-Bromophenyl-phenylether	710	U
118-74-1-----	Hexachlorobenzene	710	U
87-86-5-----	Pentachlorophenol	3400	U
85-01-8-----	Phenanthrene	93	J
120-12-7-----	Anthracene	710	U
84-74-2-----	Di-n-Butylphthalate	710	U
206-44-0-----	Fluoranthene	180	J
129-00-0-----	Pyrene	150	J
85-68-7-----	Butylbenzylphthalate	710	U
91-94-1-----	3,3'-Dichlorobenzidine	1400	U
56-55-3-----	Benzo(a)Anthracene	710	U
218-01-9-----	Chrysene	93	J
117-81-7-----	Bis(2-Ethylhexyl)Phthalate	150	J
117-84-0-----	Di-n-Octyl Phthalate	710	U
205-99-2-----	Benzo(b)Fluoranthene	94	J
207-08-9-----	Benzo(k)Fluoranthene	710	U
50-32-8-----	Benzo(a)Pyrene	710	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	710	U
53-70-3-----	Dibenz(a,h)Anthracene	710	U
191-24-2-----	Benzo(g,h,i)Perylene		U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: RECRA ENVIRONMENTAL, INC. EPA Sample No.: S0202
 Lab Code: RECNY Case No: 3603 SAS No.: Contract: NY91-820
 Matrix (Soil/Water): SOIL SDG No.: SS201
 Sample wt/vol: 30.3 (g/ml): G Lab Sample ID.: S0202
 Level (low/med): LOW Lab File ID.: 8632Y
 Moisture not Dec: 8 Dec: Date Received: 08/02/91
 Extraction: (SepF/Cont/Sonc/Sox): SONC Date Extracted: 08/07/91
 IPC Cleanup: (Y/N): Y pH: 7.5 Date Analyzed: 08/22/91
 Number TICs Found: 9 Dilution Factor: 1.0
 Concentration Units:
 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	UNKNOWN	5.15	2900	BJ
2	SUSPECTED ALDOL COND. PRODUCT	5.85	500	AJ
3	LONG CHAIN HYDROCARBON	28.97	2300	J
4	LONG CHAIN HYDROCARBON	30.98	5100	J
5	LONG CHAIN HYDROCARBON	32.27	3300	J
6	LONG CHAIN HYDROCARBON	32.87	12000	J
7	UNKNOWN HYDROCARBON	34.02	420	J
8	ALKYL HYDROCARBON	34.53	3200	J
9	UNKNOWN	35.70	340	J
10	UNKNOWN	36.23	2100	J
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

67

SS201D

Lab Name: RECRA ENVIRON Contract: NY91-820

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D

Matrix: (soil/water) SOIL Lab Sample ID: SS201D

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 8629Y

Level: (low/med) LOW Date Received: 08/02/91

% Moisture: not dec. 17 dec. _____ Date Extracted: 08/07/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/22/91

GPC Cleanup: (Y/N) Y pH: 8.1 Dilution Factor: 1.0

CONCENTRATION UNITS:

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

108-95-2-----	Phenol	800	U
111-44-4-----	bis(2-Chloroethyl) Ether	800	U
95-57-8-----	2-Chlorophenol	800	U
541-73-1-----	1,3-Dichlorobenzene	800	U
106-46-7-----	1,4-Dichlorobenzene	800	U
100-51-6-----	Benzyl Alcohol	800	U
95-50-1-----	1,2-Dichlorobenzene	800	U
95-48-7-----	2-Methylphenol	800	U
108-60-1-----	bis(2-Chloroisopropyl) Ether	800	U
106-44-5-----	4-Methylphenol	800	U
621-64-7-----	N-Nitroso-Di-n-Propylamine	800	U
67-72-1-----	Hexachloroethane	800	U
98-95-3-----	Nitrobenzene	800	U
78-59-1-----	Isophorone	800	U
88-75-5-----	2-Nitrophenol	800	U
105-67-9-----	2,4-Dimethylphenol	800	U
65-85-0-----	Benzoic Acid	3900	U
111-91-1-----	bis(2-Chloroethoxy) Methane	800	U
120-83-2-----	2,4-Dichlorophenol	800	U
120-82-1-----	1,2,4-Trichlorobenzene	800	U
91-20-3-----	Naphthalene	800	U
106-47-8-----	4-Chloroaniline	800	U
87-68-3-----	Hexachlorobutadiene	800	U
59-50-7-----	4-Chloro-3-Methylphenol	800	U
91-57-6-----	2-Methylnaphthalene	800	U
77-47-4-----	Hexachlorocyclopentadiene	800	U
88-06-2-----	2,4,6-Trichlorophenol	800	U
95-95-4-----	2,4,5-Trichlorophenol	3900	U
91-58-7-----	2-Chloronaphthalene	800	U
88-74-4-----	2-Nitroaniline	3900	U
131-11-3-----	Dimethyl Phthalate	800	U
208-96-8-----	Acenaphthylene	800	U
606-20-2-----	2,6-Dinitrotoluene	800	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS201D

Lab Name: RECRA ENVIRON Contract: NY91-820

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D

Matrix: (soil/water) SOIL Lab Sample ID: SS201D

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 8629Y

Level: (low/med) LOW Date Received: 08/02/91

% Moisture: not dec. 17 dec. _____ Date Extracted: 08/07/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/22/91

GPC Cleanup: (Y/N) Y pH: 8.1 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	Q
99-09-2-----	3-Nitroaniline	3900 U
83-32-9-----	Acenaphthene	800 U
51-28-5-----	2,4-Dinitrophenol	3900 U
100-02-7-----	4-Nitrophenol	3900 U
132-64-9-----	Dibenzofuran	800 U
121-14-2-----	2,4-Dinitrotoluene	800 U
84-66-2-----	Diethylphthalate	800 U
7005-72-3-----	4-Chlorophenyl-phenylether	800 U
86-73-7-----	Fluorene	800 U
100-01-6-----	4-Nitroaniline	3900 U
534-52-1-----	4,6-Dinitro-2-Methylphenol	3900 U
86-30-6-----	N-Nitrosodiphenylamine (1)	800 U
101-55-3-----	4-Bromophenyl-phenylether	800 U
118-74-1-----	Hexachlorobenzene	800 U
87-86-5-----	Pentachlorophenol	3900 U
85-01-8-----	Phenanthrene	500 J
120-12-7-----	Anthracene	73 J
84-74-2-----	Di-n-Butylphthalate	800 U
206-44-0-----	Fluoranthene	920
129-00-0-----	Pyrene	730 J
85-68-7-----	Butylbenzylphthalate	86 J
91-94-1-----	3,3'-Dichlorobenzidine	1600 U
56-55-3-----	Benzo(a) Anthracene	290 J
218-01-9-----	Chrysene	360 J
117-81-7-----	Bis(2-Ethylhexyl) Phthalate	790 J
117-84-0-----	Di-n-Octyl Phthalate	800 U
205-99-2-----	Benzo(b) Fluoranthene	400 J
207-08-9-----	Benzo(k) Fluoranthene	160 J
50-32-8-----	Benzo(a) Pyrene	260 J
193-39-5-----	Indeno(1,2,3-cd) Pyrene	200 J
53-70-3-----	Dibenz(a,h) Anthracene	800 U
191-24-2-----	Benzo(g,h,i) Perylene	160 J

(1) - Cannot be separated from Diphenylamine

EPA Sample No.: SS201D

Lab Name: RECRA ENVIRONMENTAL, INC.

Contract: NY91-820

Lab Code: RECNY Case No: 3603 SAS No. :

SDG No.: SS201

Matrix (Soil/Water): SOIL

Lab Sample ID. : SS201D

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

Lab File ID.: 8629Y

level (low/med): LOW

Date Received: 08/02/91

2 Moisture not Dec: 17 Dec:

Date Extracted: 08/07/91

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

Date Analyzed: 08/22/91

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

Dilution Factor: 1.0

Number TICs Found: 6

Concentration Units:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	UNKNOWN	5.12	1500	J
2	ALKYL SATURATED HYDROCARBON	19.53	500	J
3	UNKNOWN	24.35	1100	J
4	UNKNOWN	32.27	440	J
5	UNKNOWN	34.82	460	J
6	UNKNOWN	36.28	920	J
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS201S

Lab Name: RECRA ENVIRON Contract: NY91-820

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D

Matrix: (soil/water) SOIL Lab Sample ID: SS201S

Sample wt/vol: 30.8 (g/mL) G Lab File ID: 8649Y

Level: (low/med) LOW Date Received: 08/02/91

% Moisture: not dec. 51 dec. _____ Date Extracted: 08/07/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/23/91

GPC Cleanup: (Y/N) Y pH: 7.2 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
108-95-2-----	Phenol	1000	BJ
111-44-4-----	bis(2-Chloroethyl) Ether	1300	U
95-57-8-----	2-Chlorophenol	1300	U
541-73-1-----	1,3-Dichlorobenzene	1300	U
106-46-7-----	1,4-Dichlorobenzene	1300	U
100-51-6-----	Benzyl Alcohol	1300	U
95-50-1-----	1,2-Dichlorobenzene	1300	U
95-48-7-----	2-Methylphenol	1300	U
108-60-1-----	bis(2-Chloroisopropyl) Ether	1300	U
106-44-5-----	4-Methylphenol	1300	U
621-64-7-----	N-Nitroso-Di-n-Propylamine	1300	U
67-72-1-----	Hexachloroethane	1300	U
98-95-3-----	Nitrobenzene	1300	U
78-59-1-----	Isophorone	1300	U
88-75-5-----	2-Nitrophenol	1300	U
105-67-9-----	2,4-Dimethylphenol	1300	U
65-85-0-----	Benzoic Acid	6400	U
111-91-1-----	bis(2-Chloroethoxy)Methane	1300	U
120-83-2-----	2,4-Dichlorophenol	1300	U
120-82-1-----	1,2,4-Trichlorobenzene	1300	U
91-20-3-----	Naphthalene	800	J
106-47-8-----	4-Chloroaniline	1300	U
87-68-3-----	Hexachlorobutadiene	1300	U
59-50-7-----	4-Chloro-3-Methylphenol	1300	U
91-57-6-----	2-Methylnaphthalene	330	J
77-47-4-----	Hexachlorocyclopentadiene	1300	U
88-06-2-----	2,4,6-Trichlorophenol	1300	U
95-95-4-----	2,4,5-Trichlorophenol	6400	U
91-58-7-----	2-Chloronaphthalene	1300	U
88-74-4-----	2-Nitroaniline	6400	U
131-11-3-----	Dimethyl Phthalate	1300	U
208-96-8-----	Acenaphthylene	1300	U
606-20-2-----	2,6-Dinitrotoluene	1300	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

66
EPA SAMPLE NO.

SS201S

Lab Name: RECRA ENVIRON Contract: NY91-820

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D

Matrix: (soil/water) SOIL Lab Sample ID: SS201S

Sample wt/vol: 30.8 (g/mL) G Lab File ID: 8649Y

Level: (low/med) LOW Date Received: 08/02/91

% Moisture: not dec. 51 dec. _____ Date Extracted: 08/07/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/23/91

GPC Cleanup: (Y/N) Y pH: 7.2 Dilution Factor: 1.0

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

CAS NO. COMPOUND Q

99-09-2-----	3-Nitroaniline	6400	U
83-32-9-----	Acenaphthene	5400	
51-28-5-----	2,4-Dinitrophenol	6400	U
100-02-7-----	4-Nitrophenol	6400	U
132-64-9-----	Dibenzofuran	2700	
121-14-2-----	2,4-Dinitrotoluene	1300	U
84-66-2-----	Diethylphthalate	1300	U
7005-72-3-----	4-Chlorophenyl-phenylether	1300	U
86-73-7-----	Fluorene	10000	
100-01-6-----	4-Nitroaniline	6400	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	6400	U
86-30-6-----	N-Nitrosodiphenylamine (1)	1300	U
101-55-3-----	4-Bromophenyl-phenylether	1300	U
118-74-1-----	Hexachlorobenzene	1300	U
87-86-5-----	Pentachlorophenol	6400	U
85-01-8-----	Phenanthrene	120000	E
120-12-7-----	Anthracene	25000	E
84-74-2-----	Di-n-Butylphthalate	8800	
206-44-0-----	Fluoranthene	220000	E
129-00-0-----	Pyrene	140000	E
85-68-7-----	Butylbenzylphthalate	120000	E
91-94-1-----	3,3'-Dichlorobenzidine	2600	U
56-55-3-----	Benzo(a) Anthracene	110000	E
218-01-9-----	Chrysene	7300	
117-81-7-----	Bis(2-Ethylhexyl)Phthalate	110000	E
117-84-0-----	Di-n-Octyl Phthalate	1300	U
205-99-2-----	Benzo(b)Fluoranthene	140000	E
207-08-9-----	Benzo(k)Fluoranthene	11000	
50-32-8-----	Benzo(a)Pyrene	42000	E
193-39-5-----	Indeno(1,2,3-cd)Pyrene	14000	
53-70-3-----	Dibenz(a,h)Anthracene	1600	
191-24-2-----	Benzo(g,h,i)Perylene	9900	

(1) - Cannot be separated from Diphenylamine

1F
SEMITVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA Sample No.: SS201S

Lab Name: RECRA ENVIRONMENTAL, INC.

Contract: NY91-820

Lab Code: RECNY

Case No: 3603

SAS No.:

SDG No.: SS201

Matrix (Soil/Water): SOIL

Lab Sample ID.: SS201S

Sample wt/vol: 30.8 (g/ml): G

Lab File ID.: 8649Y

Level (low/med): LOW

Date Received: 08/02/91

% Moisture not Dec: 51 Dec:

Date Extracted: 08/07/91

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

Date Analyzed: 08/23/91

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

Dilution Factor: 1.0

Number TICs Found: 20

Concentration Units:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	DIMETHYL BENZENE ISOMER	4.48	42000	J
2	UNKNOWN	20.75	210000	J
3	UNKNOWN	25.25	180000	J
4	PAH DERIVATIVE	25.62	21000	J
5	UNKNOWN	26.23	28000	J
6	UNKNOWN	26.43	53000	J
7	UNKNOWN	26.72	11000	J
8	UNKNOWN ESTER	26.83	13000	J
9	UNKNOWN ESTER	27.13	19000	J
10	UNKNOWN	27.63	95000	J
11	UNKNOWN	28.08	8500	J
12	UNKNOWN	28.20	23000	J
13	UNKNOWN	28.30	15000	J
14	UNKNOWN	29.05	150000	J
15	UNKNOWN	29.20	33000	J
16	UNKNOWN	29.73	12000	J
17	UNKNOWN	30.47	8500	J
18	UNKNOWN	30.55	7400	J
19	UNKNOWN	30.73	9100	J
20	UNKNOWN ESTER	30.88	5600	J
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

FORM I SV-TIC

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS201SRE

Lab Name: RECRA ENVIRON Contract: NY91-820

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D

Matrix: (soil/water) SOIL Lab Sample ID: SS201SRE

Sample wt/vol: 30.8 (g/mL) G Lab File ID: 8666Y

Level: (low/med) LOW Date Received: 08/02/91

% Moisture: not dec. 51 dec. _____ Date Extracted: 08/07/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/25/91

GPC Cleanup: (Y/N) Y pH: 7.2 Dilution Factor: 1.0

CONCENTRATION UNITS:
(ug/L OR ug/Kg) UG/KG Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L OR ug/Kg) <u>UG/KG</u>	Q
108-95-2-----	Phenol	1100	BJ
111-44-4-----	bis(2-Chloroethyl) Ether	1300	U
95-57-8-----	2-Chlorophenol	1300	U
541-73-1-----	1,3-Dichlorobenzene	1300	U
106-46-7-----	1,4-Dichlorobenzene	1300	U
100-51-6-----	Benzyl Alcohol	1300	U
95-50-1-----	1,2-Dichlorobenzene	1300	U
95-48-7-----	2-Methylphenol	1300	U
108-60-1-----	bis(2-Chloroisopropyl) Ether	1300	U
106-44-5-----	4-Methylphenol	1300	U
621-64-7-----	N-Nitroso-Di-n-Propylamine	1300	U
67-72-1-----	Hexachloroethane	1300	U
98-95-3-----	Nitrobenzene	1300	U
78-59-1-----	Isophorone	1300	U
88-75-5-----	2-Nitrophenol	1300	U
105-67-9-----	2,4-Dimethylphenol	73	J
65-85-0-----	Benzoic Acid	6400	U
111-91-1-----	bis(2-Chloroethoxy)Methane	1300	U
120-83-2-----	2,4-Dichlorophenol	1300	U
120-82-1-----	1,2,4-Trichlorobenzene	1300	U
91-20-3-----	Naphthalene	810	J
106-47-8-----	4-Chloroaniline	1300	U
87-68-3-----	Hexachlorobutadiene	1300	U
59-50-7-----	4-Chloro-3-Methylphenol	1300	U
91-57-6-----	2-Methylnaphthalene	410	J
77-47-4-----	Hexachlorocyclopentadiene	1300	U
88-06-2-----	2,4,6-Trichlorophenol	1300	U
95-95-4-----	2,4,5-Trichlorophenol	6400	U
91-58-7-----	2-Chloronaphthalene	1300	U
88-74-4-----	2-Nitroaniline	6400	U
131-11-3-----	Dimethyl Phthalate	1300	U
208-96-8-----	Acenaphthylene	290	J
606-20-2-----	2,6-Dinitrotoluene	1300	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS201SRE

Lab Name: RECRA ENVIRON Contract: NY91-820

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D

Matrix: (soil/water) SOIL Lab Sample ID: SS201SRE

Sample wt/vol: 30.8 (g/mL) G Lab File ID: 8666Y

Level: (low/med) LOW Date Received: 08/02/91

% Moisture: not dec. 51 dec. _____ Date Extracted: 08/07/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/25/91

GPC Cleanup: (Y/N) Y pH: 7.2 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2-----	3-Nitroaniline	6400	U
83-32-9-----	Acenaphthene	5000	
51-28-5-----	2,4-Dinitrophenol	6400	U
100-02-7-----	4-Nitrophenol	6400	U
132-64-9-----	Dibenzofuran	2800	
121-14-2-----	2,4-Dinitrotoluene	1300	U
84-66-2-----	Diethylphthalate	1300	U
7005-72-3-----	4-Chlorophenyl-phenylether	1300	U
86-73-7-----	Fluorene	8200	
100-01-6-----	4-Nitroaniline	6400	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	6400	U
86-30-6-----	N-Nitrosodiphenylamine (1)	1300	U
101-55-3-----	4-Bromophenyl-phenylether	1300	U
118-74-1-----	Hexachlorobenzene	1300	U
87-86-5-----	Pentachlorophenol	6400	U
85-01-8-----	Phenanthrene	100000	E
120-12-7-----	Anthracene	21000	
84-74-2-----	Di-n-Butylphthalate	6800	
206-44-0-----	Fluoranthene	160000	E
129-00-0-----	Pyrene	150000	E
85-68-7-----	Butylbenzylphthalate	140000	E
91-94-1-----	3,3'-Dichlorobenzidine	2600	U
56-55-3-----	Benzo(a)Anthracene	120000	E
218-01-9-----	Chrysene	8000	
117-81-7-----	Bis(2-Ethylhexyl)Phthalate	130000	E
117-84-0-----	Di-n-Octyl Phthalate	1300	U
205-99-2-----	Benzo(b)Fluoranthene	140000	E
207-08-9-----	Benzo(k)Fluoranthene	10000	
50-32-8-----	Benzo(a)Pyrene	38000	E
193-39-5-----	Indeno(1,2,3-cd)Pyrene	17000	
53-70-3-----	Dibenz(a,h)Anthracene	4600	
191-24-2-----	Benzo(g,h,i)Perylene	11000	

(1) - Cannot be separated from Diphenylamine

EPA Sample No.: SS201SRE

Contract: NY91-820

SDG No.: SS201

Lab Sample ID.: SS201SRE

Lab File ID.: 8666Y

Date Received: 08/02/91

Date **Extracted:** 08/07/91

Date Analyzed: 08/25/91

Dilution Factor: 1.0

Concentration Units:
(ug/L or ug/Kg) UG/KG

FORM I SV-TIC

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS201SDL

Lab Name: RECRA ENVIRON Contract: NY91-820

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D

Matrix: (soil/water) SOIL Lab Sample ID: SS201SDL

Sample wt/vol: 30.8 (g/mL) G Lab File ID: 8661Y

Level: (low/med) LOW Date Received: 08/02/91

% Moisture: not dec. 51 dec. _____ Date Extracted: 08/07/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/24/91

GPC Cleanup: (Y/N) Y pH: 7.2 Dilution Factor: 50

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
108-95-2	Phenol	66000	U
111-44-4	bis(2-Chloroethyl) Ether	66000	U
95-57-8	2-Chlorophenol	66000	U
541-73-1	1,3-Dichlorobenzene	66000	U
106-46-7	1,4-Dichlorobenzene	66000	U
100-51-6	Benzyl Alcohol	66000	U
95-50-1	1,2-Dichlorobenzene	66000	U
95-48-7	2-Methylphenol	66000	U
108-60-1	bis(2-Chloroisopropyl) Ether	66000	U
106-44-5	4-Methylphenol	66000	U
621-64-7	N-Nitroso-Di-n-Propylamine	66000	U
67-72-1	Hexachloroethane	66000	U
98-95-3	Nitrobenzene	66000	U
78-59-1	Isophorone	66000	U
88-75-5	2-Nitrophenol	66000	U
105-67-9	2,4-Dimethylphenol	66000	U
65-85-0	Benzoic Acid	320000	U
111-91-1	bis(2-Chloroethoxy)Methane	66000	U
120-83-2	2,4-Dichlorophenol	66000	U
120-82-1	1,2,4-Trichlorobenzene	66000	U
91-20-3	Naphthalene	66000	U
106-47-8	4-Chloroaniline	66000	U
87-68-3	Hexachlorobutadiene	66000	U
59-50-7	4-Chloro-3-Methylphenol	66000	U
91-57-6	2-Methylnaphthalene	66000	U
77-47-4	Hexachlorocyclopentadiene	66000	U
88-06-2	2,4,6-Trichlorophenol	66000	U
95-95-4	2,4,5-Trichlorophenol	320000	U
91-58-7	2-Chloronaphthalene	66000	U
88-74-4	2-Nitroaniline	320000	U
131-11-3	Dimethyl Phthalate	66000	U
208-96-8	Acenaphthylene	66000	U
606-20-2	2,6-Dinitrotoluene	66000	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS201SDL

Lab Name: RECRA ENVIRON Contract: NY91-820Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201DMatrix: (soil/water) SOIL Lab Sample ID: SS201SDLSample wt/vol: 30.8 (g/mL) G Lab File ID: 8661YLevel: (low/med) LOW Date Received: 08/02/91% Moisture: not dec. 51 dec. _____ Date Extracted: 08/07/91Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/24/91GPC Cleanup: (Y/N) Y pH: 7.2 Dilution Factor: 50

CONCENTRATION UNITS:

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

99-09-2-----	3-Nitroaniline	320000	U
83-32-9-----	Acenaphthene	3700	DJ
51-28-5-----	2,4-Dinitrophenol	320000	U
100-02-7-----	4-Nitrophenol	320000	U
132-64-9-----	Dibenzofuran	66000	U
121-14-2-----	2,4-Dinitrotoluene	66000	U
84-66-2-----	Diethylphthalate	66000	U
7005-72-3-----	4-Chlorophenyl-phenylether	66000	U
86-73-7-----	Fluorene	6300	DJ
100-01-6-----	4-Nitroaniline	320000	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	320000	U
86-30-6-----	N-Nitrosodiphenylamine (1)	66000	U
101-55-3-----	4-Bromophenyl-phenylether	66000	U
118-74-1-----	Hexachlorobenzene	66000	U
87-86-5-----	Pentachlorophenol	320000	U
85-01-8-----	Phenanthrene	97000	D
120-12-7-----	Anthracene	16000	DJ
84-74-2-----	Di-n-Butylphthalate	66000	U
206-44-0-----	Fluoranthene	140000	D
129-00-0-----	Pyrene	140000	D
85-68-7-----	Butylbenzylphthalate	78000	D
91-94-1-----	3,3'-Dichlorobenzidine	130000	U
56-55-3-----	Benzo(a)Anthracene	56000	DJ
218-01-9-----	Chrysene	61000	DJ
117-81-7-----	Bis(2-Ethylhexyl)Phthalate	82000	D
117-84-0-----	Di-n-Octyl Phthalate	66000	U
205-99-2-----	Benzo(b) Fluoranthene	71000	D
207-08-9-----	Benzo(k) Fluoranthene	31000	DJ
50-32-8-----	Benzo(a) Pyrene	46000	DJ
193-39-5-----	Indeno(1,2,3-cd)Pyrene	36000	DJ
53-70-3-----	Dibenz(a,h)Anthracene	5800	DJ
191-24-2-----	Benzo(g,h,i)Perylene	27000	DJ

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

73

Lab Name: RECRA ENVIRONMENTAL, INC. EPA Sample No.: SS201SDL
 Lab Code: RECNY Case No: 3603 SAS No.: Contract: NY91-820
 Matrix (Soil/Water): SOIL SDG No.: SS201
 Sample wt/vol: 30.0 (g/ml): G Lab Sample ID.: SS201SDL
 Level (low/med): LOW Lab File ID.: 8661Y
 Moisture not Dec: 51 Dec: Date Received: 08/02/91
 Extraction: (SepF/Cont/Sonc/Sox): SONC Date Extracted: 08/07/91
 SPC Cleanup: (Y/N): Y pH: 7.2 Date Analyzed: 08/24/91
 Number TICs Found: 1 Dilution Factor: 50
 Concentration Units:
 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	PAH DERIVATIVE	32.06	26000	J
2				
3				
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 74

SS202D

Lab Name: RECRA ENVIRON Contract: NY91-820
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D
 Matrix: (soil/water) SOIL Lab Sample ID: SS202D
 Sample wt/vol: 31.0 (g/mL) G Lab File ID: 8612Y
 Level: (low/med) LOW Date Received: 08/02/91
 % Moisture: not dec. 19 dec. _____ Date Extracted: 08/07/91
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/21/91
 GPC Cleanup: (Y/N) Y pH: 8.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L OR ug/Kg) <u>UG/KG</u>	Q
108-95-2	Phenol	790	U
111-44-4	bis(2-Chloroethyl) Ether	790	U
95-57-8	2-Chlorophenol	790	U
541-73-1	1,3-Dichlorobenzene	790	U
106-46-7	1,4-Dichlorobenzene	790	U
100-51-6	Benzyl Alcohol	790	U
95-50-1	1,2-Dichlorobenzene	790	U
95-48-7	2-Methylphenol	790	U
108-60-1	bis(2-Chloroisopropyl) Ether	790	U
106-44-5	4-Methylphenol	790	U
621-64-7	N-Nitroso-Di-n-Propylamine	790	U
67-72-1	Hexachloroethane	790	U
98-95-3	Nitrobenzene	790	U
78-59-1	Isophorone	790	U
88-75-5	2-Nitrophenol	790	U
105-67-9	2,4-Dimethylphenol	790	U
65-85-0	Benzoic Acid	3800	U
111-91-1	bis(2-Chloroethoxy) Methane	790	U
120-83-2	2,4-Dichlorophenol	790	U
120-82-1	1,2,4-Trichlorobenzene	790	U
91-20-3	Naphthalene	790	U
106-47-8	4-Chloroaniline	790	U
87-68-3	Hexachlorobutadiene	790	U
59-50-7	4-Chloro-3-Methylphenol	790	U
91-57-6	2-Methylnaphthalene	790	U
77-47-4	Hexachlorocyclopentadiene	790	U
88-06-2	2,4,6-Trichlorophenol	790	U
95-95-4	2,4,5-Trichlorophenol	3800	U
91-58-7	2-Chloronaphthalene	790	U
88-74-4	2-Nitroaniline	3800	U
131-11-3	Dimethyl Phthalate	790	U
208-96-8	Acenaphthylene	790	U
606-20-2	2,6-Dinitrotoluene	790	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS202D

Lab Name: RECRA ENVIRON Contract: NY91-820
Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D
Matrix: (soil/water) SOIL Lab Sample ID: SS202D
Sample wt/vol: 31.0 (g/mL) G Lab File ID: 8612Y
Level: (low/med) LOW Date Received: 08/02/91
% Moisture: not dec. 19 dec. _____ Date Extracted: 08/07/91
Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/21/91
GPC Cleanup: (Y/N) Y pH: 8.0 Dilution Factor: 1.0

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

99-09-2-----	3-Nitroaniline	3800	U
83-32-9-----	Acenaphthene	24	J
51-28-5-----	2,4-Dinitrophenol	3800	U
100-02-7-----	4-Nitrophenol	3800	U
132-64-9-----	Dibenzofuran	790	U
121-14-2-----	2,4-Dinitrotoluene	790	U
84-66-2-----	Diethylphthalate	790	U
7005-72-3-----	4-Chlorophenyl-phenylether	790	U
86-73-7-----	Fluorene	790	U
100-01-6-----	4-Nitroaniline	3800	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	3800	U
86-30-6-----	N-Nitrosodiphenylamine (1)	790	U
101-55-3-----	4-Bromophenyl-phenylether	790	U
118-74-1-----	Hexachlorobenzene	790	U
87-86-5-----	Pentachlorophenol	3800	U
85-01-8-----	Phenanthrene	720	J
120-12-7-----	Anthracene	790	U
84-74-2-----	Di-n-Butylphthalate	790	U
206-44-0-----	Fluoranthene	1500	
129-00-0-----	Pyrene	1400	
85-68-7-----	Butylbenzylphthalate	790	U
91-94-1-----	3,3'-Dichlorobenzidine	1600	U
56-55-3-----	Benzo(a)Anthracene	520	J
218-01-9-----	Chrysene	610	J
117-81-7-----	Bis(2-Ethylhexyl)Phthalate	1000	
117-84-0-----	Di-n-Octyl Phthalate	790	U
205-99-2-----	Benzo(b)Fluoranthene	640	J
207-08-9-----	Benzo(k)Fluoranthene	340	J
50-32-8-----	Benzo(a)Pyrene	420	J
193-39-5-----	Indeno(1,2,3-cd)Pyrene	290	J
53-70-3-----	Dibenzo(a,h)Anthracene	790	
191-24-2-----	BENZO(g,h,i)Perylene	230	

1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: RECRA ENVIRONMENTAL, INC. EPA Sample No.: SS202D
 Lab Code: RECNY Case No: 3603 SAS No. : Contract: NY91-820
 Matrix (Soil/Water): SOIL SDG No.: SS201
 Sample wt/vol: 31.0 (g/ml): G Lab Sample ID.: SS202D
 Level (low/med): LOW Lab File ID.: 8612Y
 Moisture not Dec: 19 Dec: Date Received: 08/02/91
 Extraction: (SepF/Cont/Sonc/Sox): SONC Date Extracted: 08/07/91
 IPC Cleanup: (Y/N): Y pH: 8.0 Date Analyzed: 08/21/91
 Number TICs Found: 1 Dilution Factor: 1.0
 Concentration Units:
 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	UNKNOWN	5.18	950	J
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18
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO 77

SS202S

Lab Name: RECRA ENVIRON Contract: NY91-820
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D
 Matrix: (soil/water) SOIL Lab Sample ID: SS202S
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: 8702Y
 Level: (low/med) LOW Date Received: 08/02/91
 % Moisture: not dec. 16 dec. _____ Date Extracted: 08/23/91
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 09/02/91
 GPC Cleanup: (Y/N) Y pH: 7.3 Dilution Factor: 1.0

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

CAS NO. COMPOUND Q

108-95-2-----	Phenol	790	U
111-44-4-----	bis(2-Chloroethyl) Ether	790	U
95-57-8-----	2-Chlorophenol	790	U
541-73-1-----	1,3-Dichlorobenzene	790	U
106-46-7-----	1,4-Dichlorobenzene	790	U
100-51-6-----	Benzyl Alcohol	790	U
95-50-1-----	1,2-Dichlorobenzene	790	U
95-48-7-----	2-Methylphenol	790	U
108-60-1-----	bis(2-Chloroisopropyl) Ether	790	U
106-44-5-----	4-Methylphenol	790	U
621-64-7-----	N-Nitroso-Di-n-Propylamine	790	U
67-72-1-----	Hexachloroethane	790	U
98-95-3-----	Nitrobenzene	790	U
78-59-1-----	Isophorone	790	U
88-75-5-----	2-Nitrophenol	790	U
105-67-9-----	2,4-Dimethylphenol	790	U
65-85-0-----	Benzoic Acid	3800	U
111-91-1-----	bis(2-Chloroethoxy) Methane	790	U
120-83-2-----	2,4-Dichlorophenol	790	U
120-82-1-----	1,2,4-Trichlorobenzene	790	U
91-20-3-----	Naphthalene	790	U
106-47-8-----	4-Chloroaniline	790	U
87-68-3-----	Hexachlorobutadiene	790	U
59-50-7-----	4-Chloro-3-Methylphenol	790	U
91-57-6-----	2-Methylnaphthalene	790	U
77-47-4-----	Hexachlorocyclopentadiene	790	U
88-06-2-----	2,4,6-Trichlorophenol	790	U
95-95-4-----	2,4,5-Trichlorophenol	3800	U
91-58-7-----	2-Chloronaphthalene	790	U
88-74-4-----	2-Nitroaniline	3800	U
131-11-3-----	Dimethyl Phthalate	790	U
208-96-8-----	Acenaphthylene	790	U
606-20-2-----	2,6-Dinitrotoluene	790	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. \$8

SS202S

Lab Name: RECRA ENVIRON Contract: NY91-820
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D
 Matrix: (soil/water) SOIL Lab Sample ID: SS202S
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: 8702Y
 Level: (low/med) LOW Date Received: 08/02/91
 % Moisture: not dec. 16 dec. _____ Date Extracted: 08/23/91
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 09/02/91
 GPC Cleanup: (Y/N) Y pH: 7.3 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2-----	3-Nitroaniline	3800	U
83-32-9-----	Acenaphthene	130	J
51-28-5-----	2,4-Dinitrophenol	3800	U
100-02-7-----	4-Nitrophenol	3800	U
132-64-9-----	Dibenzofuran	790	U
121-14-2-----	2,4-Dinitrotoluene	790	U
84-66-2-----	Diethylphthalate	790	U
7005-72-3-----	4-Chlorophenyl-phenylether	790	U
86-73-7-----	Fluorene	790	U
100-01-6-----	4-Nitroaniline	3800	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	3800	U
86-30-6-----	N-Nitrosodiphenylamine (1)	790	U
101-55-3-----	4-Bromophenyl-phenylether	790	U
118-74-1-----	Hexachlorobenzene	790	U
87-86-5-----	Pentachlorophenol	3800	U
85-01-8-----	Phenanthrene	3800	
120-12-7-----	Anthracene	680	J
84-74-2-----	Di-n-Butylphthalate	5500	B
206-44-0-----	Fluoranthene	7100	
129-00-0-----	Pyrene	5800	
85-68-7-----	Butylbenzylphthalate	330	J
91-94-1-----	3,3'-Dichlorobenzidine	1600	U
56-55-3-----	Benzo(a)Anthracene	2500	
218-01-9-----	Chrysene	3400	
117-81-7-----	Bis(2-Ethylhexyl)Phthalate	690	J
117-84-0-----	Di-n-Octyl Phthalate	790	U
205-99-2-----	Benzo(b)Fluoranthene	6000	
207-08-9-----	Benzo(k)Fluoranthene	2200	
50-32-8-----	Benzo(a)Pyrene	3600	
193-39-5-----	Indeno(1,2,3-cd)Pyrene	2000	
53-70-3-----	Dibenz(a,h)Anthracene	---	J
191-24-2-----	Benzo(g,h,i)Perylene		

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: RECRA ENVIRONMENTAL, INC. EPA Sample No.: SS202S
 Lab Code: RECNY Case No: 3603 SAS No.: Contract: NY91-820
 Matrix (Soil/Water): SOIL SDG No.: SS201
 Sample wt/vol: 30.0 (g/ml): G Lab Sample ID.: SS202S
 Level (low/med): LOW Lab File ID.: 8702Y
 Moisture not Dec: 16 Dec: Date Received: 08/02/91
 Extraction: (SepF/Cont/Sonc/Sox): SONC Date **Extracted**: 08/23/91
 EPC Cleanup: (Y/N): Y pH: 7.3 Date **Analyzed**: 09/02/91
 Number TICs Found: 15 Dilution Factor: 1.0
 Concentration Units:
 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	TETRAMETHYLBUTYLPHENOLISOMER	21.85	710	J
2	UNKNOWN	21.97	970	J
3	UNKNOWN	22.40	1100	J
4	UNKNOWN	22.55	540	BJ
5	PAH DERIVATIVE	25.00	580	J
6	UNKNOWN	25.70	920	J
7	UNKNOWN	26.78	1300	J
8	PAH DERIVATIVE	28.67	600	J
9	PAH DERIVATIVE	28.88	360	J
10	PAH DERIVATIVE	30.70	440	J
11	PAH DERIVATIVE	31.70	360	J
12	UNKNOWN	33.60	970	J
13	PAH DERIVATIVE	35.28	1800	J
14	UNKNOWN	38.20	370	J
15	UNKNOWN	38.40	380	J
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS202SDUP

Lab Name: RECRA ENVIRON Contract: NY91-820

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D

Matrix: (soil/water) SOIL Lab Sample ID: SS202SDUP

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 8615Y

Level: (low/med) LOW Date Received: 08/02/91

% Moisture: not dec. 16 dec. _____ Date Extracted: 08/07/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/21/91

GPC Cleanup: (Y/N) Y pH: 7.3 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
108-95-2	Phenol	780	U
111-44-4	bis(2-Chloroethyl) Ether	780	U
95-57-8	2-Chlorophenol	780	U
541-73-1	1,3-Dichlorobenzene	780	U
106-46-7	1,4-Dichlorobenzene	780	U
100-51-6	Benzyl Alcohol	780	U
95-50-1	1,2-Dichlorobenzene	780	U
95-48-7	2-Methylphenol	780	U
108-60-1	bis(2-Chloroisopropyl) Ether	780	U
106-44-5	4-ethylp phenol	780	U
621-64-7	N-Nitroso-Di-n-Propylamine	780	U
67-72-1	Hexachloroethane	780	U
98-95-3	Nitrobenzene	780	U
78-59-1	Isophorone	780	U
88-75-5	2-Nitrophenol	780	U
105-67-9	2,4-Dimethylphenol	780	U
65-85-0	Benzoic Acid	3800	U
111-91-1	bis(2-Chloroethoxy) Methane	780	U
120-83-2	2,4-Dichlorophenol	780	U
120-82-1	1,2,4-Trichlorobenzene	780	U
91-20-3	Naphthalene	780	U
106-47-8	4-Chloroaniline	780	U
87-68-3	Hexachlorobutadiene	780	U
59-50-7	4-Chloro-3-Methylphenol	780	U
91-57-6	2-Methylnaphthalene	780	U
77-47-4	Hexachlorocyclopentadiene	780	U
88-06-2	2,4,6-Trichlorophenol	780	U
95-95-4	2,4,5-Trichlorophenol	3800	U
91-58-7	2-Chloronaphthalene	780	U
88-74-4	2-Nitroaniline	3800	U
131-11-3	Dimethyl Phthalate	780	U
208-96-8	Acenaphthylene	780	U
606-20-2	2,6-Dinitrotoluene	780	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS202SDUP

Lab Name: RECRA ENVIRON Contract: NY91-820Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201DMatrix: (soil/water) SOIL Lab Sample ID: SS202SDUPSample wt/vol: 30.1 (g/mL) G Lab File ID: 8615YLevel: (low/med) LOW Date Received: 08/02/91% Moisture: not dec. 16 dec. _____ Date Extracted: 08/07/91Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/21/91GPC Cleanup: (Y/N) Y pH: 7.3 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2-----	3-Nitroaniline	3800	U
83-32-9-----	Acenaphthene	120	J
51-28-5-----	2,4-Dinitrophenol	3800	U
100-02-7-----	4-Nitrophenol	3800	U
132-64-9-----	Dibenzofuran	780	U
121-14-2-----	2,4-Dinitrotoluene	780	U
84-66-2-----	Diethylphthalate	780	U
7005-72-3-----	4-Chlorophenyl-phenylether	780	U
86-73-7-----	Fluorene	780	U
100-01-6-----	4-Nitroaniline	3800	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	3800	U
86-30-6-----	N-Nitrosodiphenylamine (1)	780	U
101-55-3-----	4-Bromophenyl-phenylether	780	U
118-74-1-----	Hexachlorobenzene	780	U
87-86-5-----	Pentachlorophenol	3800	U
85-01-8-----	Phenanthrene	3800	
120-12-7-----	Anthracene	600	J
84-74-2-----	Di-n-Butylphthalate	780	U
206-44-0-----	Fluoranthene	10000	
129-00-0-----	Pyrene	7200	
85-68-7-----	Butylbenzylphthalate	480	J
91-94-1-----	3,3'-Dichlorobenzidine	1600	U
56-55-3-----	Benzo(a)Anthracene	3500	
218-01-9-----	Chrysene	4200	
117-81-7-----	Bis(2-Ethylhexyl)Phthalate	4200	
117-84-0-----	Di-n-Octyl Phthalate	780	U
205-99-2-----	Benzo(b)Fluoranthene	6800	
207-08-9-----	Benzo(k)Fluoranthene	2500	
50-32-8-----	Benzo(a)Pyrene	3700	
193-39-5-----	Indeno(1,2,3-cd)Pyrene	2800	
53-70-3-----	Dibenz(a,h)Anthracene	1200	J
191-24-2-----	Benzo(g,h,i)Perylene		

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: RECRA ENVIRONMENTAL, INC.

EPA Sample No.: SS202SDUP

Lab Code: RECNY Case No: 3603 SAS No. :

Contract: NY91-820

Matrix (Soil/Water): SOIL

Lab Sample ID.: SS202SDUP

Sample wt/vol: 30.1 (g/ml): G

Lab File ID.: 8615Y

Level (low/med): LOW

Date Received: 08/02/91

% Moisture not Dec: 16 Dec:

Date Extracted: 08/07/91

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

Date Analyzed: 08/21/91

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

Dilution Factor: 1.0

Number TICs Found: 19

Concentration Units:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	UNKNOWN	31.15	1200	J
2	UNKNOWN	32.03	580	J
3	UNKNOWN	32.17	510	J
4	PAH DERIVATIVE	32.48	2400	J
5	UNKNOWN	32.80	3200	J
6	UNKNOWN ACID	32.98	2600	J
7	UNKNOWN	33.23	930	J
8	UNKNOWN	33.53	1200	J
9	UNKNOWN	33.82	990	J
10	UNKNOWN	34.25	1600	J
11	UNKNOWN	34.40	1400	J
12	LONG CHAIN HYDROCARBON	34.70	690	J
13	UNKNOWN	34.78	1100	J
14	UNKNOWN	34.88	920	J
15	UNKNOWN	34.97	680	J
16	UNKNOWN	35.67	1100	J
17	UNKNOWN	35.82	860	J
18	UNKNOWN	36.15	650	J
19	UNKNOWN	36.47	2500	J
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS203D

Lab Name: RECRA ENVIRON Contract: NY91-820

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D

Matrix: (soil/water) SOIL Lab Sample ID: SS203D

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 8613Y

Level: (low/med) LOW Date Received: 08/02/91

% Moisture: not dec. 30 dec. _____ Date Extracted: 08/07/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/21/91

GPC Cleanup: (Y/N) Y pH: 7.4 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
108-95-2-----	Phenol	940	U
111-44-4-----	bis(2-Chloroethyl) Ether	940	U
95-57-8-----	2-Chlorophenol	940	U
541-73-1-----	1,3-Dichlorobenzene	940	U
106-46-7-----	1,4-Dichlorobenzene	940	U
100-51-6-----	Benzyl Alcohol	940	U
95-50-1-----	1,2-Dichlorobenzene	940	U
95-48-7-----	2-Methylphenol	940	U
108-60-1-----	bis(2-Chloroisopropyl) Ether	940	U
106-44-5-----	4-Methylphenol	940	U
621-64-7-----	N-Nitroso-Di-n-Propylamine	940	U
67-72-1-----	Hexachloroethane	940	U
98-95-3-----	Nitrobenzene	940	U
78-59-1-----	Isophorone	940	U
88-75-5-----	2-Nitrophenol	940	U
105-67-9-----	2,4-Dimethylphenol	940	U
65-85-0-----	Benzoic Acid	4500	U
111-91-1-----	bis(2-Chloroethoxy) Methane	940	U
120-83-2-----	2,4-Dichlorophenol	940	U
120-82-1-----	1,2,4-Trichlorobenzene	940	U
91-20-3-----	Naphthalene	940	U
106-47-8-----	4-Chloroaniline	940	U
87-68-3-----	Hexachlorobutadiene	940	U
59-50-7-----	4-Chloro-3-Methylphenol	940	U
91-57-6-----	2-Methylnaphthalene	940	U
77-47-4-----	Hexachlorocyclopentadiene	940	U
88-06-2-----	2,4,6-Trichlorophenol	940	U
95-95-4-----	2,4,5-Trichlorophenol	4500	U
91-58-7-----	2-Chloronaphthalene	940	U
88-74-4-----	2-Nitroaniline	4500	U
131-11-3-----	Dimethyl Phthalate	940	U
208-96-8-----	Acenaphthylene	940	U
606-20-2-----	2,6-Dinitrotoluene	940	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS203D

Lab Name: RECRA ENVIRON Contract: NY91-820

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D

Matrix: (soil/water) SOIL Lab Sample ID: SS203D

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 8613Y

Level: (low/med) LOW Date Received: 08/02/91

% Moisture: not dec. 30 dec. _____ Date Extracted: 08/07/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/21/91

GPC Cleanup: (Y/N) Y pH: 7.4 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2-----	3-Nitroaniline	4500	U
83-32-9-----	Acenaphthene	940	U
51-28-5-----	2,4-Dinitrophenol	4500	U
100-02-7-----	4-Nitrophenol	4500	U
132-64-9-----	Dibenzofuran	940	U
121-14-2-----	2,4-Dinitrotoluene	940	U
84-66-2-----	Diethylphthalate	940	U
7005-72-3-----	4-Chlorophenyl-phenylether	940	U
86-73-7-----	Fluorene	940	U
100-01-6-----	4-Nitroaniline	4500	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	4500	U
86-30-6-----	N-Nitrosodiphenylamine (1)	940	U
101-55-3-----	4-Bromophenyl-phenylether	940	U
118-74-1-----	Hexachlorobenzene	940	U
87-86-5-----	Pentachlorophenol	4500	U
85-01-8-----	Phenanthrene	560	J
120-12-7-----	Anthracene	940	U
84-74-2-----	Di-n-Butylphthalate	940	U
206-44-0-----	Fluoranthene	1100	
129-00-0-----	Pyrene	870	J
85-68-7-----	Butylbenzylphthalate	940	U
91-94-1-----	3,3'-Dichlorobenzidine	1900	U
56-55-3-----	Benzo(a)Anthracene	330	J
218-01-9-----	Chrysene	430	J
117-81-7-----	Bis(2-Ethylhexyl)Phthalate	990	
117-84-0-----	Di-n-Octyl Phthalate	940	U
205-99-2-----	Benzo(b)Fluoranthene	480	J
207-08-9-----	Benzo(k)Fluoranthene	190	J
50-32-8-----	Benzo(a)Pyrene	280	J
193-39-5-----	Indeno(1,2,3-cd)Pyrene	210	J
53-70-3-----	Dibenz(a,h)Anthracene	940	U
191-24-2-----	Benzo(g,h,i)Perylene	170	J

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: RECRA ENVIRONMENTAL, INC. EPA Sample No.: SS203D
 Lab Code: RECNY Case No: 3603 SAS No.: Contract: NY91-820
 Matrix (Soil/Water): SOIL SDG No.: SS201
 Sample wt/vol: 30.1 (g/ml): G Lab Sample ID.: SS203D
 Level (low/med): LOW Lab File ID.: 8613Y
 Moisture not Dec: 30 Dec: Date Received: 08/02/91
 Extraction: (SepF/Cont/Sonc/Sox): SONC Date Extracted: 08/07/91
 HPC Cleanup: (Y/N): Y pH: 7.4 Date Analyzed: 08/21/91
 Number TICs Found: 10 Dilution Factor: 1.0
 Concentration Units:
 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	UNKNOWN	5.18	2100	J
2	ALKYL SATURATED HYDROCARBON	19.95	710	J
3	ALKYL SATURATED HYDROCARBON	21.03	490	J
4	UNKNOWN	24.42	1400	J
5	ALKYL SATURATED HYDROCARBON	31.40	500	J
6	ALKYL SATURATED HYDROCARBON	32.93	2200	J
7	ALKYL SATURATED HYDROCARBON	34.65	460	J
8	UNKNOWN	34.92	590	J
9	UNKNOWN	35.73	590	J
10	UNKNOWN	36.40	1100	J
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS203S

Lab Name: RECRA ENVIRONContract: NY91-820Lab Code: RECNYCase No.: 3603

SAS No.: _____

SDG No.: SS201DMatrix: (soil/water) SOILLab Sample ID: SS203SSample wt/vol: 30.6 (g/mL) GLab File ID: 8642YLevel: (low/med) LOWDate Received: 08/02/91% Moisture: not dec. 27 dec. _____Date Extracted: 08/07/91Extraction: (SepF/Cont/Sonc) SONCDate Analyzed: 08/23/91GPC Cleanup: (Y/N) Y pH: 7.4Dilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO.

COMPOUND

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

Q

108-95-2-----	Phenol	890	U
111-44-4-----	bis(2-Chloroethyl) Ether	890	U
95-57-8-----	2-Chlorophenol	890	U
541-73-1-----	1,3-Dichlorobenzene	890	U
106-46-7-----	1,4-Dichlorobenzene	890	U
100-51-6-----	Benzyl Alcohol	890	U
95-50-1-----	1,2-Dichlorobenzene	890	U
95-48-7-----	2-Methylphenol	890	U
108-60-1-----	bis(2-Chloroisopropyl) Ether	890	U
106-44-5-----	4-Methylphenol	890	U
621-64-7-----	N-Nitroso-Di-n-Propylamine	890	U
67-72-1-----	Hexachloroethane	890	U
98-95-3-----	Nitrobenzene	890	U
78-59-1-----	Isophorone	890	U
88-75-5-----	2-Nitrophenol	890	U
105-67-9-----	2,4-Dimethylphenol	890	U
65-85-0-----	Benzoic Acid	4300	U
111-91-1-----	bis(2-Chloroethoxy) Methane	890	U
120-83-2-----	2,4-Dichlorophenol	890	U
120-82-1-----	1,2,4-Trichlorobenzene	890	U
91-20-3-----	Naphthalene	890	U
106-47-8-----	4-Chloroaniline	890	U
87-68-3-----	Hexachlorobutadiene	890	U
59-50-7-----	4-Chloro-3-Methylphenol	890	U
91-57-6-----	2-Methylnaphthalene	890	U
77-47-4-----	Hexachlorocyclopentadiene	890	U
88-06-2-----	2,4,6-Trichlorophenol	890	U
95-95-4-----	2,4,5-Trichlorophenol	4300	U
91-58-7-----	2-Chloronaphthalene	890	U
88-74-4-----	2-Nitroaniline	4300	U
131-11-3-----	Dimethyl Phthalate	890	U
208-96-8-----	Acenaphthylene	890	U
606-20-2-----	2,6-Dinitrotoluene	890	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS203S

Lab Name: RECRA ENVIRON Contract: NY91-820
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D
 Matrix: (soil/water) SOIL Lab Sample ID: SS203S
 Sample wt/vol: 30.6 (g/mL) G Lab File ID: 8642Y
 Level: (low/med) LOW Date Received: 08/02/91
 % Moisture: not dec. 27 dec. _____ Date Extracted: 08/07/91
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/23/91
 GPC Cleanup: (Y/N) Y pH: 7.4 Dilution Factor: 1.0

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

CAS NO. COMPOUND Q

99-09-2-----	3-Nitroaniline	4300	U
83-32-9-----	Acenaphthene	890	U
51-28-5-----	2,4-Dinitrophenol	4300	U
100-02-7-----	4-Nitrophenol	4300	U
132-64-9-----	Dibenzofuran	890	U
121-14-2-----	2,4-Dinitrotoluene	890	U
84-66-2-----	Diethylphthalate	890	U
7005-72-3-----	4-Chlorophenyl-phenylether	890	U
86-73-7-----	Fluorene	890	U
100-01-6-----	4-Nitroaniline	4300	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	4300	U
86-30-6-----	N-Nitrosodiphenylamine (1)	890	U
101-55-3-----	4-Bromophenyl-phenylether	890	U
118-74-1-----	Hexachlorobenzene	890	U
87-86-5-----	Pentachlorophenol	4300	U
85-01-8-----	Phenanthrene	240	J
120-12-7-----	Anthracene	59	J
84-74-2-----	Di-n-Butylphthalate	890	U
206-44-0-----	Fluoranthene	790	J
129-00-0-----	Pyrene	690	J
85-68-7-----	Butylbenzylphthalate	890	U
91-94-1-----	3,3'-Dichlorobenzidine	1800	U
56-55-3-----	Benzo(a)Anthracene	320	J
218-01-9-----	Chrysene	470	J
117-81-7-----	Bis(2-Ethylhexyl)Phthalate	1500	
117-84-0-----	Di-n-Octyl Phthalate	890	U
205-99-2-----	Benzo(b)Fluoranthene	470	J
207-08-9-----	Benzo(k)Fluoranthene	240	J
50-32-8-----	Benzo(a)Pyrene	260	J
193-39-5-----	Indeno(1,2,3-cd)Pyrene	280	J
53-70-3-----	Dibenz(a,h)Anthracene	30	
191-24-2-----	Benzo(g,h,i)Perylene	240	

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA Sample No.: SS203S

ab Name: RECRA ENVIRONMENTAL, INC.

Contract: NY91-820

Lab Code: RECNY

Case No: 3603

SAS No.:

SDG No.: SS201

atrix (Soil/Water): SOIL

Lab Sample ID.: SS203S

Sample wt/vol: 30.6 (g/ml): G

Lab File ID.: 8642Y

Level (low/med): LOW

Date Received: 08/02/91

Moisture not Dec: 27 Dec:

Date Extracted: 08/07/91

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

Date Analyzed: 08/23/91

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

Dilution Factor: 1.0

Number TICS Found: 20

Concentration Units:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	UNKNOWN	5.03	1200	BJ
2	ALKYL HYDROCARBON	15.80	680	J
3	ALKYL HYDROCARBON	18.67	860	J
4	ALKYL HYDROCARBON	19.50	2700	J
5	ALKYL HYDROCARBON	20.92	1600	J
6	UNKNOWN	22.02	410	J
7	ALKYL HYDROCARBON	24.30	1400	J
8	UNKNOWN HYDROCARBON	28.17	370	J
9	ALKYL HYDROCARBON	30.52	1500	J
10	UNKNOWN	30.78	520	J
11	UNKNOWN HYDROCARBON	31.00	920	J
12	UNKNOWN	32.02	540	J
13	UNKNOWN	32.25	860	J
14	LONG CHAIN HYDROCARBON	32.83	2600	J
15	UNKNOWN	34.08	1200	J
16	UNKNOWN	34.62	1100	J
17	UNKNOWN	34.80	750	J
18	UNKNOWN	35.73	520	J
19	UNKNOWN	36.05	1000	J
20	UNKNOWN	36.27	2000	J
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FORM I SV-TIC

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 89

SS203SDUP

Lab Name: RECRA ENVIRON Contract: NY91-820

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D

Matrix: (soil/water) SOIL Lab Sample ID: SS203SDUP

Sample wt/vol: 31.0 (g/mL) G Lab File ID: 8662Y

Level: (low/med) LOW Date Received: 08/02/91

% Moisture: not dec. 27 dec. _____ Date Extracted: 08/07/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/24/91

GPC Cleanup: (Y/N) Y pH: 7.4 Dilution Factor: 1.0

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

CAS NO.	COMPOUND		Q
108-95-2	Phenol	880	U
111-44-4	bis(2-Chloroethyl) Ether	880	U
95-57-8	2-Chlorophenol	880	U
541-73-1	1,3-Dichlorobenzene	880	U
106-46-7	1,4-Dichlorobenzene	880	U
100-51-6	Benzyl Alcohol	880	U
95-50-1	1,2-Dichlorobenzene	880	U
95-48-7	2-Methylphenol	880	U
108-60-1	bis(2-Chloroisopropyl) Ether	880	U
106-44-5	4-Methylphenol	880	U
621-64-7	N-Nitroso-Di-n-Propylamine	880	U
67-72-1	Hexachloroethane	880	U
98-95-3	Nitrobenzene	880	U
78-59-1	Isophorone	880	U
88-75-5	2-Nitrophenol	880	U
105-67-9	2,4-Dimethylphenol	880	U
65-85-0	Benzoic Acid	4300	U
111-91-1	bis(2-Chloroethoxy) Methane	880	U
120-83-2	2,4-Dichlorophenol	880	U
120-82-1	1,2,4-Trichlorobenzene	880	U
91-20-3	Naphthalene	880	U
106-47-8	4-Chloroaniline	880	U
87-68-3	Hexachlorobutadiene	880	U
59-50-7	4-Chloro-3-Methylphenol	880	U
91-57-6	2-Methylnaphthalene	880	U
77-47-4	Hexachlorocyclopentadiene	880	U
88-06-2	2,4,6-Trichlorophenol	880	U
95-95-4	2,4,5-Trichlorophenol	4300	U
91-58-7	2-Chloronaphthalene	880	U
88-74-4	2-Nitroaniline	4300	U
131-11-3	Dimethyl Phthalate	880	U
208-96-8	Acenaphthylene	880	U
606-20-2	2,6-Dinitrotoluene	880	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. **90 -**

SS203SDUP

Lab Name: RECRA ENVIRON Contract: NY91-820
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D
 Matrix: (soil/water) SOIL Lab Sample ID: SS203SDUP
 Sample wt/vol: 31.0 (g/mL) G Lab File ID: 8662Y
 Level: (low/med) LOW Date Received: 08/02/91
 %Moisture: not dec. 27 dec. _____ Date Extracted: 08/07/91
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/24/91
 GPC Cleanup: (Y/N) Y pH: 7.4 Dilution Factor: 1.0

CONCENTRATION UNITS:

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

99-09-2-----	3-Nitroaniline	4300	U
83-32-9-----	Acenaphthene	880	U
51-28-5-----	2,4-Dinitrophenol	4300	U
100-02-7-----	4-Nitrophenol	4300	U
132-64-9-----	Dibenzofuran	880	U
121-14-2-----	2,4-Dinitrotoluene	880	U
84-66-2-----	Diethylphthalate	880	U
7005-72-3-----	4-Chlorophenyl-phenylether	880	U
86-73-7-----	Fluorene	880	U
100-01-6-----	4-Nitroaniline	4300	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	4300	U
86-30-6-----	N-Nitrosodiphenylamine (1)	880	U
101-55-3-----	4-Bromophenyl-phenylether	880	U
118-74-1-----	Hexachlorobenzene	880	U
87-86-5-----	Pentachlorophenol	4300	U
85-01-8-----	Phenanthrene	270	J
120-12-7-----	Anthracene	52	J
84-74-2-----	Di-n-Butylphthalate	880	U
206-44-0-----	Fluoranthene	840	J
129-00-0-----	Pyrene	650	J
85-68-7-----	Butylbenzylphthalate	77	J
91-94-1-----	3,3'-Dichlorobenzidine	1800	U
56-55-3-----	Benzo(a)Anthracene	300	J
218-01-9-----	Chrysene	420	J
117-81-7-----	Bis(2-Ethylhexyl)Phthalate	1100	
117-84-0-----	Di-n-Octyl Phthalate	880	U
205-99-2-----	Benzo(b)Fluoranthene	510	J
207-08-9-----	Benzo(k)Fluoranthene	240	J
50-32-8-----	Benzo(a)Pyrene	290	J
193-39-5-----	Indeno(1,2,3-cd)Pyrene	350	J
53-70-3-----	Dibenz(a,h)Anthracene	38	J
191-24-2-----	Benzo(g,h,i)Perylene	270	J

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA Sample No.: SS203SDUP

Lab Name: RECRA ENVIRONMENTAL, INC.

Contract: NY91-820

Lab Code: RECNY

Case No: 3603

SAS No.:

SDG No.: SS201

Matrix (Soil/Water): SOIL

Lab Sample ID.: SS203SDUP

Sample wt/vol: 31.0 (g/ml): G

Lab File ID.: 8662Y

Level (low/med): LOW

Date Received: 08/02/91

Moisture not Dec: 27 Dec:

Date Extracted: 08/07/91

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

Date Analyzed: 08/24/91

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

Dilution Factor: 1.0

Number TICs Found: 20

Concentration Units:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	ALKYL HYDROCARBON	19.43	2800	J
2	LONG CHAIN HYDROCARBON	28.90	1900	J
3	LONG CHAIN HYDROCARBON	30.47	2100	J
4	LONG CHAIN HYDROCARBON	30.95	930	J
5	LONG CHAIN HYDROCARBON	31.23	960	J
6	UNKNOWN	31.95	1100	J
7	LONG CHAIN HYDROCARBON	32.20	900	J
8	LONG CHAIN HYDROCARBON	32.78	3400	J
9	LONG CHAIN HYDROCARBON	33.33	1600	J
10	UNKNOWN	34.02	1600	J
11	LONG CHAIN HYDROCARBON	34.23	1700	J
12	UNKNOWN	34.55	2200	J
13	UNKNOWN	34.63	530	J
14	UNKNOWN	34.73	770	J
15	LONG CHAIN HYDROCARBON	34.90	960	J
16	LONG CHAIN HYDROCARBON	35.42	750	J
17	UNKNOWN	35.65	570	J
18	UNKNOWN	35.98	960	J
19	UNKNOWN	36.20	4100	J
20	UNKNOWN		720	J
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS204D

Lab Name: RECRA ENVIRON Contract: NY91-820Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201DMatrix: (soil/water) SOIL Lab Sample ID: SS204DSample wt/vol: 30.6 (g/mL) G Lab File ID: 8614YLevel: (low/med) LOW Date Received: 08/02/91% Moisture: not dec. 20 dec. _____ Date Extracted: 08/07/91Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/21/91GPC Cleanup: (Y/N) Y pH: 7.9 Dilution Factor: 1.0

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

CAS NO.

COMPOUND

Q

108-95-2-----	Phenol	810	U
111-44-4-----	bis(2-Chloroethyl) Ether	810	U
95-57-8-----	2-Chlorophenol	810	U
541-73-1-----	1,3-Dichlorobenzene	810	U
106-46-7-----	1,4-Dichlorobenzene	810	U
100-51-6-----	Benzyl Alcohol	810	U
95-50-1-----	1,2-Dichlorobenzene	810	U
95-48-7-----	2-Methylphenol	810	U
108-60-1-----	bis(2-Chloroisopropyl) Ether	810	U
106-44-5-----	4-Methylphenol	810	U
621-64-7-----	N-Nitroso-Di-n-Propylamine	810	U
67-72-1-----	Hexachloroethane	810	U
98-95-3-----	Nitrobenzene	810	U
78-59-1-----	Isophorone	810	U
88-75-5-----	2-Nitrophenol	810	U
105-67-9-----	2,4-Dimethylphenol	810	U
65-85-0-----	Benzoic Acid	3900	U
111-91-1-----	bis(2-Chloroethoxy) Methane	810	U
120-83-2-----	2,4-Dichlorophenol	810	U
120-82-1-----	1,2,4-Trichlorobenzene	810	U
91-20-3-----	Naphthalene	810	U
106-47-8-----	4-Chloroaniline	810	U
87-68-3-----	Hexachlorobutadiene	810	U
59-50-7-----	4-Chloro-3-Methylphenol	810	U
91-57-6-----	2-Methylnaphthalene	810	U
77-47-4-----	Hexachlorocyclopentadiene	810	U
88-06-2-----	2,4,6-Trichlorophenol	810	U
95-95-4-----	2,4,5-Trichlorophenol	3900	U
91-58-7-----	2-Chloronaphthalene	810	U
88-74-4-----	2-Nitroaniline	3900	U
131-11-3-----	Dimethyl Phthalate	810	U
208-96-8-----	Acenaphthylene	810	U
606-70-2-----	2,6-Dinitrotoluene	810	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS204D

Lab Name: RECRA ENVIRON Contract: NY91-820

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D

Matrix: (soil/water) SOIL Lab Sample ID: SS204D

Sample wt/vol: 30.6 (g/mL) G Lab File ID: 8614Y

Level: (low/med) LOW Date Received: 08/02/91

% Moisture: not dec. 20 dec. _____ Date Extracted: 08/07/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/21/91

GPC Cleanup: (Y/N) Y pH: 7.9 Dilution Factor: 1.0

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

CAS NO. COMPOUND Q

99-09-2-----	3-Nitroaniline	3900	U
83-32-9-----	Acenaphthene	810	U
51-28-5-----	2,4-Dinitrophenol	3900	U
100-02-7-----	4-Nitrophenol	3900	U
132-64-9-----	Dibenzofuran	810	U
121-14-2-----	2,4-Dinitrotoluene	810	U
84-66-2-----	Diethylphthalate	810	U
7005-72-3-----	4-Chlorophenyl-phenylether	810	U
86-73-7-----	Fluorene	810	U
100-01-6-----	4-Nitroaniline	3900	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	3900	U
86-30-6-----	N-Nitrosodiphenylamine(1)	810	U
101-55-3-----	4-Bromophenyl-phenylether	810	U
118-74-1-----	Hexachlorobenzene	810	U
87-86-5-----	Pentachlorophenol	3900	U
85-01-8-----	Phenanthrene	810	U
120-12-7-----	Anthracene	810	U
84-74-2-----	Di-n-Butylphthalate	810	U
206-44-0-----	Fluoranthene	810	U
129-00-0-----	Pyrene	810	U
85-68-7-----	Butylbenzylphthalate	810	U
91-94-1-----	3,3'-Dichlorobenzidine	1600	U
56-55-3-----	Benzo(a)Anthracene	810	U
218-01-9-----	Chrysene	810	U
117-81-7-----	Bis(2-Ethylhexyl)Phthalate	810	U
117-84-0-----	Di-n-Octyl Phthalate	810	U
205-99-2-----	Benzo(b)Fluoranthene	810	U
207-08-9-----	Benzo(k)Fluoranthene	810	U
50-32-8-----	Benzo(a)Pyrene	810	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	810	U
53-70-3-----	Dibenz(a,h)Anthracene	810	U
191-24-2-----	Benzo(g,h,i)Perylene	810	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS204DRE

Lab Name: RECRA ENVIRON Contract: NY91-820

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D

Matrix: (soil/water) SOIL Lab Sample ID: SS204DRE

Sample wt/vol: 30.6 (g/mL) G Lab File ID: 8630Y

Level: (low/med) LOW Date Received: 08/02/91

% Moisture: not dec. 20 dec. _____ Date Extracted: 08/07/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/22/91

GPC Cleanup: (Y/N) Y pH: 7.9 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
108-95-2	Phenol	810	U
111-44-4	bis(2-Chloroethyl) Ether	810	U
95-57-8	2-Chlorophenol	810	U
541-73-1	1,3-Dichlorobenzene	810	U
106-46-7	1,4-Dichlorobenzene	810	U
100-51-6	Benzyl Alcohol	810	U
95-50-1	1,2-Dichlorobenzene	810	U
95-48-7	2-Methylphenol	810	U
108-60-1	bis(2-Chloroisopropyl) Ether	810	U
106-44-5	4-Methylphenol	810	U
621-64-7	N-Nitroso-Di-n-Propylamine	810	U
67-72-1	Hexachloroethane	810	U
98-95-3	Nitrobenzene	810	U
78-59-1	Isophorone	810	U
88-75-5	2-Nitrophenol	810	U
105-67-9	2,4-Dimethylphenol	810	U
65-85-0	Benzoic Acid	3900	U
111-91-1	bis(2-Chloroethoxy) Methane	810	U
120-83-2	2,4-Dichlorophenol	810	U
120-82-1	1,2,4-Trichlorobenzene	810	U
91-20-3	Naphthalene	810	U
106-47-8	4-Chloroaniline	810	U
87-68-3	Hexachlorobutadiene	810	U
59-50-7	4-Chloro-3-Methylphenol	810	U
91-57-6	2-Methylnaphthalene	810	U
77-47-4	Hexachlorocyclopentadiene	810	U
88-06-2	2,4,6-Trichlorophenol	810	U
95-95-4	2,4,5-Trichlorophenol	3900	U
91-58-7	2-Chloronaphthalene	810	U
88-74-4	2-Nitroaniline	3900	U
131-11-3	Dimethyl Phthalate	810	U
208-96-8	Acenaphthylene	810	U
606-20-2	2,6-Dinitrotoluene	810	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SS204DRE

Lab Name: RECRA ENVIRON Contract: NY91-820

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D

Matrix: (soil/water) SOIL Lab Sample ID: SS204DRE

Sample wt/vol: 30.6 (g/mL) G Lab File ID: 8630Y

Level: (low/med) LOW Date Received: 08/02/91

% Moisture: not dec. 20 dec. _____ Date Extracted: 08/07/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/22/91

GPC Cleanup: (Y/N) Y pH: 7.9 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2-----	3-Nitroaniline	3900	U
83-32-9-----	Acenaphthene	810	U
51-28-5-----	2,4-Dinitrophenol	3900	U
100-02-7-----	4-Nitrophenol	3900	U
132-64-9-----	Dibenzofuran	810	U
121-14-2-----	2,4-Dinitrotoluene	810	U
84-66-2-----	Diethylphthalate	810	U
7005-72-3-----	4-Chlorophenyl-phenylether	810	U
86-73-7-----	Fluorene	810	U
100-01-6-----	4-Nitroaniline	3900	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	3900	U
86-30-6-----	N-Nitrosodiphenylamine (1)	810	U
101-55-3-----	4-Bromophenyl-phenylether	810	U
118-74-1-----	Hexachlorobenzene	810	U
87-86-5-----	Pentachlorophenol	3900	U
85-01-8-----	Phenanthrene	810	U
120-12-7-----	Anthracene	810	U
84-74-2-----	Di-n-Butylphthalate	810	U
206-44-0-----	Fluoranthene	810	U
129-00-0-----	Pyrene	810	U
85-68-7-----	Butylbenzylphthalate	810	U
91-94-1-----	3,3'-Dichlorobenzidine	1600	U
56-55-3-----	Benzo(a)Anthracene	810	U
218-01-9-----	Chrysene	810	U
117-81-7-----	Bis(2-Ethylhexyl)Phthalate	810	U
117-84-0-----	Di-n-Octyl Phthalate	810	U
205-99-2-----	Benzo(b)Fluoranthene	810	U
207-08-9-----	Benzo(k)Fluoranthene	810	U
50-32-8-----	Benzo(a)Pyrene	810	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	810	U
53-70-3-----	Dibenz(a,h)Anthracene	810	U
191-24-2-----	Benzo(g,h,i)Perylene	810	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA Sample No.: SS204DRE

Lab Name: RECRA ENVIRONMENTAL, INC.

Contract: NY91-820

Lab Code: RECNY Case No: 3603 SAS No.:

SDG No.: SS201

Matrix (Soil/Water): SOIL

Lab Sample ID.: SS204DRE

Sample wt/vol: 30.6 (g/ml): G

Lab File ID.: 8630Y

Level (low/med): LOW

Date Received: 08/02/91

Moisture not Dec: 20 Dec:

Date Extracted: 08/07/91

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

Date Analyzed: 08/22/91

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

Dilution Factor: 1.0

Number TICs Found: 4

Concentration Units:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	UNKNOWN	5.20	680	J
2	UNKNOWN	6.17	490	J
3	UNKNOWN	8.05	470	J
4	UNKNOWN	8.90	1600	J
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. **98**

SS204S

Lab Name: RECRA ENVIRON Contract: NY91-820

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D

Matrix: (soil/water) SOIL Lab Sample ID: SS204S

Sample wt/vol: 30.5 (g/mL) G Lab File ID: 8703Y

Level: (low/med) LOW Date Received: 08/02/91

% Moisture: not dec. 34 dec. _____ Date Extracted: 08/23/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 09/02/91

GPC Cleanup: (Y/N) Y pH: 6.9 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
108-95-2	Phenol	990	U
111-44-4	bis(2-Chloroethyl) Ether	990	U
95-57-8	2-Chlorophenol	990	U
541-73-1	1,3-Dichlorobenzene	990	U
106-46-7	1,4-Dichlorobenzene	990	U
100-51-6	Benzyl Alcohol	990	U
95-50-1	1,2-Dichlorobenzene	990	U
95-48-7	2-Methylphenol	990	U
108-60-1	bis(2-Chloroisopropyl) Ether	990	U
106-44-5	4-Methylphenol	990	U
621-64-7	N-Nitroso-Di-n-Propylamine	990	U
67-72-1	Hexachloroethane	990	U
98-95-3	Nitrobenzene	990	U
78-59-1	Isophorone	990	U
88-75-5	2-Nitrophenol	990	U
105-67-9	2,4-Dimethylphenol	990	U
65-85-0	Benzoic Acid	4800	U
111-91-1	bis(2-Chloroethoxy)Methane	990	U
120-83-2	2,4-Dichlorophenol	990	U
120-82-1	1,2,4-Trichlorobenzene	990	U
91-20-3	Naphthalene	990	U
106-47-8	4-Chloroaniline	990	U
87-68-3	Hexachlorobutadiene	990	U
59-50-7	4-Chloro-3-Methylphenol	990	U
91-57-6	2-Methylnaphthalene	990	U
77-47-4	Hexachlorocyclopentadiene	990	U
88-06-2	2,4,6-Trichlorophenol	990	U
95-95-4	2,4,5-Trichlorophenol	4800	U
91-58-7	2-Chloronaphthalene	990	U
88-74-4	2-Nitroaniline	4800	U
131-11-3	Dimethyl Phthalate	990	U
208-96-8	Acenaphthylene	990	U
606-20-2	2,6-Dinitrotoluene	990	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. **99**

SS204S

Lab Name: RECRA ENVIRON Contract: NY91-820
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D
 Matrix: (soil/water) SOIL Lab Sample ID: SS204S
 Sample wt/vol: 30.5 (g/mL) G Lab File ID: 8703Y
 Level: (low/med) LOW Date Received: 08/02/91
 % Moisture: not dec. 34 dec. _____ Date Extracted: 08/23/91
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 09/02/91
 GPC Cleanup: (Y/N) Y pH: 6.9 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2-----	3-Nitroaniline	4800	U
83-32-9-----	Acenaphthene	80	J
51-28-5-----	2,4-Dinitrophenol	4800	U
100-02-7-----	4-Nitrophenol	4800	U
132-64-9-----	Dibenzofuran	990	U
121-14-2-----	2,4-Dinitrotoluene	990	U
84-66-2-----	Diethylphthalate	990	U
7005-72-3-----	4-Chlorophenyl-phenylether	990	U
86-73-7-----	Fluorene	990	U
100-01-6-----	4-Nitroaniline	4800	U
534-52-1-----	4,6-Dinitro-2-methylphenol	4800	U
86-30-6-----	N-Nitrosodiphenylamine (1)	990	U
101-55-3-----	4-Bromophenyl-phenylether	990	U
118-74-1-----	Hexachlorobenzene	990	U
87-86-5-----	Pentachlorophenol	4800	U
85-01-8-----	Phenanthrene	2000	
120-12-7-----	Anthracene	990	U
84-74-2-----	Di-n-Butylphthalate	6800	B
206-44-0-----	Fluoranthene	7700	
129-00-0-----	Pyrene	6700	
85-68-7-----	Butylbenzylphthalate	1300	
91-94-1-----	3,3'-Dichlorobenzidine	2000	U
56-55-3-----	Benzo(a)Anthracene	2400	
218-01-9-----	Chrysene	4600	
117-81-7-----	Bis(2-Ethylhexyl)Phthalate	2400	
117-84-0-----	Di-n-Octyl Phthalate	990	U
205-99-2-----	Benzo(b)Fluoranthene	8500	
207-08-9-----	Benzo(k)Fluoranthene	3500	
50-32-8-----	Benzo(a)Pyrene	4100	
193-39-5-----	Indeno(1,2,3-cd)Pyrene	1400	
53-70-3-----	Dibenz(a,h)Anthracene	240	
191-24-2-----	Benzo(g,h,i)Perylene	800	

(1) - Cannot be detected from am

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: RECRA ENVIRONMENTAL, INC. EPA Sample No.: SS204S
 Lab Code: RECNY Case No: 3603 SAS No.: Contract: NY91-820
 Matrix (Soil/Water): SOIL SDG No.: SS201
 Sample wt/vol: 30.5 (g/ml): G Lab Sample ID.: SS204S
 Level (low/med): LOW Lab File ID.: 8703Y
 % Moisture not Dec: 34 Dec: Date Received: 08/02/91
 Extraction: (SepF/Cont/Sonc/Sox): SONC Date Extracted: 08/23/91
 SPC Cleanup: (Y/N): Y pH: 6.9 Date Analyzed: 09/02/91
 Number TICs Found: 20 Dilution Factor: 1.0
 Concentration Units:
 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	TETRAMETHYLBUTYLPHENOLISOMER	21.22	1500	J
2	UNKNOWN	21.73	2100	J
3	UNKNOWN	21.92	7100	J
4	UNKNOWN	22.05	8900	J
5	NONYL PHENOL ISOMER	22.18	4500	J
6	UNKNOWN	22.35	4500	J
7	UNKNOWN	22.45	5400	J
8	TETRAMETHYLBUTYLPHENOLISOMER	22.62	4600	J
9	UNKNOWN	22.72	3300	J
10	UNKNOWN	26.60	780	J
11	UNKNOWN HYDROCARBON	26.82	1700	J
12	UNKNOWN	28.70	1500	J
13	UNKNOWN	30.73	810	J
14	UNKNOWN	33.18	2400	J
15	UNKNOWN HYDROCARBON	33.67	4500	J
16	UNKNOWN	34.93	3300	J
17	UNKNOWN	35.33	8300	J
18	LONG CHAIN HYDROCARBON	36.10	4600	J
19	UNKNOWN	37.12	3100	J
20	UNKNOWN	38.30	1400	J
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE **101**

TP201

Lab Name: RECRA ENVIRON Contract: NY91-820

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D

Matrix: (soil/water) SOIL Lab Sample ID: TP201

Sample wt/vol: 30.3 (g/mL) G Lab File ID: 85362

Level: (low/med) LOW Date Received: 08/06/91

% Moisture: not dec. 8 dec. _____ Date Extracted: 08/09/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/23/91

GPC Cleanup: (Y/N) Y pH: 7.5 Dilution Factor: 1.0

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

CAS NO.	COMPOUND		
108-95-2-----	Phenol	710	U
111-44-4-----	bis(2-Chloroethyl) Ether	710	U
95-57-8-----	2-Chlorophenol	710	U
541-73-1-----	1,3-Dichlorobenzene	710	U
106-46-7-----	1,4-Dichlorobenzene	710	U
100-51-6-----	Benzyl Alcohol	710	U
95-50-1-----	1,2-Dichlorobenzene	710	U
95-48-7-----	2-Methylphenol	710	U
108-60-1-----	bis(2-Chloroisopropyl) Ether	710	U
106-44-5-----	4-Methylphenol	710	U
621-64-7-----	N-Nitroso-Di-n-Propylamine	710	U
67-72-1-----	Hexachloroethane	710	U
98-95-3-----	Nitrobenzene	710	U
78-59-1-----	Isophorone	710	U
88-75-5-----	2-Nitrophenol	710	U
105-67-9-----	2,4-Dimethylphenol	710	U
65-85-0-----	Benzoic Acid	3400	U
111-91-1-----	bis(2-Chloroethoxy)Methane	710	U
120-83-2-----	2,4-Dichlorophenol	710	U
120-82-1-----	1,2,4-Trichlorobenzene	710	U
91-20-3-----	Naphthalene	710	U
106-47-8-----	4-Chloroaniline	710	U
87-68-3-----	Hexachlorobutadiene	710	U
59-50-7-----	4-Chloro-3-Methylphenol	710	U
91-57-6-----	2-Methylnaphthalene	710	U
77-47-4-----	Hexachlorocyclopentadiene	710	U
88-06-2-----	2,4,6-Trichlorophenol	710	U
95-95-4-----	2,4,5-Trichlorophenol	3400	U
91-58-7-----	2-Chloronaphthalene	710	U
88-74-4-----	2-Nitroaniline	3400	U
131-11-3-----	Dimethyl Phthalate	710	U
208-96-8-----	Acenaphthylene	710	U
606-20-2-----	2,6-Dinitrotoluene	710	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

1G2
EPA SAMPLE NO.

TP201

Lab Name: RECRA ENVIRON Contract: NY91-820

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D

Matrix: (soil/water) SOIL Lab Sample ID: TP201

Sample wt/vol: 30.3 (g/mL) G Lab File ID: 85362

Level: (low/med) LOW Date Received: 08/06/91

% Moisture: not dec. 8 dec. _____ Date Extracted: 08/09/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/23/91

GPC Cleanup: (Y/N) Y pH: 7.5 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2-----	3-Nitroaniline	3400	U
83-32-9-----	Acenaphthene	710	U
51-28-5-----	2,4-Dinitrophenol	3400	U
100-02-7-----	4-Nitrophenol	3400	U
132-64-9-----	Dibenzofuran	710	U
121-14-2-----	2,4-Dinitrotoluene	710	U
84-66-2-----	Diethylphthalate	710	U
7005-72-3-----	4-Chlorophenyl-phenylether	710	U
86-73-7-----	Fluorene	710	U
100-01-6-----	4-Nitroaniline	3400	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	3400	U
86-30-6-----	N-Nitrosodiphenylamine (1)	710	U
101-55-3-----	4-Bromophenyl-phenylether	710	U
118-74-1-----	Hexachlorobenzene	710	U
87-86-5-----	Pentachlorophenol	3400	U
85-01-8-----	Phenanthrene	410	J
120-12-7-----	Anthracene	69	J
84-74-2-----	Di-n-Butylphthalate	710	U
206-44-0-----	Fluoranthene	480	J
129-00-0-----	Pyrene	330	J
85-68-7-----	Butylbenzylphthalate	710	U
91-94-1-----	3,3'-Dichlorobenzidine	1400	U
56-55-3-----	Benzo(a)Anthracene	150	J
218-01-9-----	Chrysene	710	U
117-81-7-----	Bis(2-Ethylhexyl)Phthalate	850	
117-84-0-----	Di-n-Octyl Phthalate	710	U
205-99-2-----	Benzo(b)Fluoranthene	160	J
207-08-9-----	Benzo(k)Fluoranthene	710	U
50-32-8-----	Benzo(a)Pyrene	110	J
193-39-5-----	Indeno(1,2,3-cd)Pyrene	71	J
53-70-3-----	Dibenz(a,h)Anthracene	710	U
191-24-2-----	Benzo(g,h,i)Perylene	710	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: RECRA ENVIRONMENTAL, INC. EPA Sample No.: TP201
 Lab Code: RECNY Case No: 3603 SAS No.: Contract: NY91-820
 Matrix (Soil/Water): SOIL SDG No.: SS201
 Sample wt/vol: 30.3 (g/ml): G Lab Sample ID.: TP201
 Level (low/med): LOW Lab File ID.: 85362
 Moisture not Dec: 8 Dec: Date Received: 08/06/91
 Extraction: (SepF/Cont/Sonc/Sox): SONC Date Extracted: 08/09/91
 SPC Cleanup: (Y/N): Y pH: 7.5 Date Analyzed: 08/23/91
 Number TICs Found: 8 Dilution Factor: 1.0
 Concentration Units:
 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	UNKNOWN	4.55	990	J
2	SUSPECTED ALDOL COND.PRODUCT	4.95	540	BJA
3	UNKNOWN	6.02	740	J
4	UNKNOWN	11.22	350	J
5	UNKNOWN HYDROCARBON	28.07	1200	J
6	ALKYL HYDROCARBON	30.05	2200	J
7	ALKYL HYDROCARBON	31.30	740	J
8	CYCLO ALKANE	31.97	2000	J
9	ALKYL HYDROCARBON	33.63	540	J
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP204

Lab Name: RECRA ENVIRON Contract: NY91-820

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D

Matrix: (soil/water) SOIL Lab Sample ID: TP204

Sample wt/vol: 30.2 (g/mL) G Lab File ID: 85392

Level: (low/med) LOW Date Received: 08/06/91

% Moisture: not dec. 13 dec. _____ Date Extracted: 08/09/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/23/91

GPC Cleanup: (Y/N) Y pH: 8.1 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
108-95-2-----	Phenol	750	U
111-44-4-----	bis(2-Chloroethyl) Ether	750	U
95-57-8-----	2-Chlorophenol	750	U
541-73-1-----	1,3-Dichlorobenzene	750	U
106-46-7-----	1,4-Dichlorobenzene	750	U
100-51-6-----	Benzyl Alcohol	750	U
95-50-1-----	1,2-Dichlorobenzene	750	U
95-48-7-----	2-Methylphenol	750	U
108-60-1-----	bis(2-Chloroisopropyl) Ether	750	U
106-44-5-----	4-Methylphenol	750	U
621-64-7-----	N-Nitroso-Di-n-Propylamine	750	U
67-72-1-----	Hexachloroethane	750	U
98-95-3-----	Nitrobenzene	750	U
78-59-1-----	Isophorone	750	U
88-75-5-----	2-Nitrophenol	750	U
105-67-9-----	2,4-Dimethylphenol	750	U
65-85-0-----	Benzoic Acid	3700	U
111-91-1-----	bis(2-Chloroethoxy) Methane	750	U
120-83-2-----	2,4-Dichlorophenol	750	U
120-82-1-----	1,2,4-Trichlorobenzene	750	U
91-20-3-----	Naphthalene	750	U
106-47-8-----	4-Chloroaniline	750	U
87-68-3-----	Hexachlorobutadiene	750	U
59-50-7-----	4-Chloro-3-Methylphenol	750	U
91-57-6-----	2-Methylnaphthalene	750	U
77-47-4-----	Hexachlorocyclopentadiene	750	U
88-06-2-----	2,4,6-Trichlorophenol	750	U
95-95-4-----	2,4,5-Trichlorophenol	3700	U
91-58-7-----	2-Chloronaphthalene	750	U
88-74-4-----	2-Nitroaniline	3700	U
131-11-3-----	Dimethyl Phthalate	750	U
208-96-8-----	Acenaphthylene	750	U
606-20-2-----	2,6-Dinitrotoluene	750	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TP204

Lab Name: RECRA ENVIRONContract: NY91-820Lab Code: RECNYCase No.: 3603

SAS No.: _____

SDG No.: SS201DMatrix: (soil/water) SOILLab Sample ID: TP204Sample wt/vol: 30.2 (g/mL) GLab File ID: 85392Level: (low/med) LOWDate Received: 08/06/91% Moisture: not dec. 13 dec. _____Date Extracted: 08/09/91Extraction: (SepF/Cont/Sonc) SONCDate Analyzed: 08/23/91GPC Cleanup: (Y/N) Y pH: 8.1Dilution Factor: 1.0

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

99-09-2-----	3-Nitroaniline	3700	U
83-32-9-----	Acenaphthene	750	U
51-28-5-----	2,4-Dinitrophenol	3700	U
100-02-7-----	4-Nitrophenol	3700	U
132-64-9-----	Dibenzofuran	750	U
121-14-2-----	2,4-Dinitrotoluene	750	U
84-66-2-----	Diethylphthalate	750	U
7005-72-3-----	4-Chlorophenyl-phenylether	750	U
86-73-7-----	Fluorene	750	U
100-01-6-----	4-Nitroaniline	3700	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	3700	U
86-30-6-----	N-Nitrosodiphenylamine (1)	750	U
101-55-3-----	4-Bromophenyl-phenylether	750	U
118-74-1-----	Hexachlorobenzene	750	U
87-86-5-----	Pentachlorophenol	3700	U
85-01-8-----	Phenanthrene	750	U
120-12-7-----	Anthracene	750	U
84-74-2-----	Di-n-Butylphthalate	750	U
206-44-0-----	Fluoranthene	750	U
129-00-0-----	Pyrene	750	U
85-68-7-----	Butylbenzylphthalate	750	U
91-94-1-----	3,3'-Dichlorobenzidine	1500	U
56-55-3-----	Benzo(a)Anthracene	750	U
218-01-9-----	Chrysene	750	U
117-81-7-----	Bis(2-Ethylhexyl)Phthalate	160	J
117-84-0-----	Di-n-Octyl Phthalate	750	U
205-99-2-----	Benzo(b)Fluoranthene	750	U
207-08-9-----	Benzo(k)Fluoranthene	750	U
50-32-8-----	Benzo(a)Pyrene	750	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	750	
53-70-3-----	Dibenz(a,h)Anthracene	750	
191-24-2-----	Benzo(g,h,i)Perylene	750	

(1) - Cannot be separated from Diphenylamine

1F

Concentration Units:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	UNKNOWN	4.55	750	J
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1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

S0201

Lab Name: RECRA ENVIRON Contract: _____

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D

Matrix: (soil/water) SOIL Lab Sample ID: SS4623

Sample wt/vol: 30.7 (g/mL) G Lab File ID: _____

Level: (low/med) LOW Date Received: 08/02/91

% Moisture: not dec. 10 dec. _____ Date Extracted: 08/07/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/23/91

GPC Cleanup: (Y/N) Y pH: 7.8 Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
319-84-6	alpha-BHC	17	U
319-85-7	beta-BHC	17	U
319-86-8	delta-BHC	17	U
58-89-9	gamma-BHC(Lindane)	17	U
76-44-8	Heptachlor	17	U
309-00-2	Aldrin	17	U
1024-57-3	Heptachlor epoxide	17	U
959-98-8	Endosulfan I	17	U
60-57-1	Dieldrin	35	U
72-55-9	4,4'-DDE	35	U
72-20-8	Endrin	35	U
33213-65-9	Endosulfan II	35	U
72-54-8	4,4'-DDD	35	U
1031-07-8	Endosulfan sulfate	35	U
50-29-3	4,4'-DDT	35	U
72-43-5	Methoxychlor	170	U
53494-70-5	Endrin ketone	35	U
5103-71-9	alpha-chlordane	170	U
5103-74-2	gamma-chlordane	170	U
8001-35-2	Toxaphene	350	U
12674-11-2	Aroclor-1016	170	U
11104-28-2	Aroclor-1221	170	U
11141-16-5	Aroclor-1232	170	U
53469-21-9	Aroclor-1242	170	U
12672-29-6	Aroclor-1248	170	U
11097-69-1	Aroclor-1254	350	U
11096-82-5	Aroclor-1260	350	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. **108**

SO201RE

Lab Name: RECRA ENVIRON Contract: _____

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D

Matrix: (soil/water) SOIL Lab Sample ID: SS4623A

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

Level: (low/med) LOW Date Received: 08/02/91

% Moisture: not dec. 10 dec. _____ Date Extracted: 08/26/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/30/91

GPC Cleanup: (Y/N) Y pH: 7.8 Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
319-84-6	alpha-BHC	18	U
319-85-7	beta-BHC	18	U
319-86-8	delta-BHC	18	U
58-89-9	gamma-BHC(Lindane)	18	U
76-44-8	Heptachlor	18	U
309-00-2	Aldrin	18	U
1024-57-3	Heptachlor epoxide	18	U
959-98-8	Endosulfan I	18	U
60-57-1	Dieldrin	35	U
72-55-9	4,4'-DDE	35	U
72-20-8	Endrin	35	U
33213-65-9	Endosulfan II	35	U
72-54-8	4,4'-DDD	35	U
1031-07-8	Endosulfan sulfate	35	U
50-29-3	4,4'-DDT	35	U
72-43-5	Methoxychlor	180	U
53494-70-5	Endrin ketone	35	U
5103-71-9	alpha-chlordane	180	U
5103-74-2	gamma-chlordane	180	U
8001-35-2	Toxaphene	350	U
12674-11-2	Aroclor-1016	180	U
11104-28-2	Aroclor-1221	180	U
11141-16-5	Aroclor-1232	180	U
53469-21-9	Aroclor-1242	180	U
12672-29-6	Aroclor-1248	180	U
11097-69-1	Aroclor-1254	350	U
11096-82-5	Aroclor-1260	350	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

S0202

Lab Name: RECRA ENVIRON Contract: _____

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D

Matrix: (soil/water) SOIL Lab Sample ID: SS4626

Sample wt/vol: 30.3 (g/mL) G Lab File ID: _____

Level: (low/med) LOW Date Received: 08/02/91

% Moisture: not dec. 9 dec. Date Extracted: 08/07/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/23/91

GPC Cleanup: (Y/N) Y pH: 7.5 Dilution Factor: 1.00

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

319-84-6-----	alpha-BHC	17	U
319-85-7-----	beta-BHC	17	U
319-86-8-----	delta-BHC	17	U
58-89-9-----	gamma-BHC(Lindane)	17	U
76-44-8-----	Heptachlor	17	U
309-00-2-----	Aldrin	17	U
1024-57-3-----	Heptachlor epoxide	17	U
959-98-8-----	Endosulfan I	17	U
60-57-1-----	Dieldrin	35	U
72-55-9-----	4,4'-DDE	7.1	J
72-20-8-----	Endrin	35	U
33213-65-9-----	Endosulfan II	35	U
72-54-8-----	4,4'-DDD	35	U
1031-07-8-----	Endosulfan sulfate	35	U
50-29-3-----	4,4'-DDT	35	U
72-43-5-----	Methoxychlor	170	U
53494-70-5-----	Endrin ketone	35	U
5103-71-9-----	alpha-chlordane	170	U
5103-74-2-----	gamma-chlordane	170	U
8001-35-2-----	Toxaphene	350	U
12674-11-2-----	Aroclor-1016	170	U
11104-28-2-----	Aroclor-1221	170	U
11141-16-5-----	Aroclor-1232	170	U
53469-21-9-----	Aroclor-1242	170	U
12672-29-6-----	Aroclor-1248	170	U
11097-69-1-----	Aroclor-1254	350	U
11096-82-5-----	Aroclor-1260	350	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

S0202RE

Lab Name: RECRA ENVIRON Contract: _____

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D

Matrix: (soil/water) SOIL Lab Sample ID: SS4626A

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

Level: (low/med) LOW Date Received: 08/02/91

% Moisture: not dec. 9 dec. _____ Date Extracted: 08/26/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/31/91

GPC Cleanup: (Y/N) Y pH: 7.5 Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
319-84-6-----	alpha-BHC	18	U
319-85-7-----	beta-BHC	18	U
319-86-8-----	delta-BHC	18	U
58-89-9-----	gamma-BHC(Lindane)	18	U
76-44-8-----	Heptachlor	18	U
309-00-2-----	Aldrin	18	U
1024-57-3-----	Heptachlor epoxide	18	U
959-98-8-----	Endosulfan I	18	U
60-57-1-----	Dieldrin	35	U
72-55-9-----	4,4'-DDE	10	J
72-20-8-----	Endrin	35	U
33213-65-9-----	Endosulfan II	35	U
72-54-8-----	4,4'-DDD	35	U
1031-07-8-----	Endosulfan sulfate	35	U
50-29-3-----	4,4'-DDT	35	U
72-43-5-----	Methoxychlor	180	U
53494-70-5-----	Endrin ketone	35	U
5103-71-9-----	alpha-chlordane	180	U
5103-74-2-----	gamma-chlordane	180	U
8001-35-2-----	Toxaphene	350	U
12674-11-2-----	Aroclor-1016	180	U
11104-28-2-----	Aroclor-1221	180	U
11141-16-5-----	Aroclor-1232	180	U
53469-21-9-----	Aroclor-1242	180	U
12672-29-6-----	Aroclor-1248	180	U
11097-69-1-----	Aroclor-1254	350	U
11096-82-5-----	Aroclor-1260	350	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP201

Lab Name: RECRA ENVIRON Contract: _____
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D
 Matrix: (soil/water) SOIL Lab Sample ID: SS4658
 Sample wt/vol: 30.3 (g/mL) G Lab File ID: _____
 Level: (low/med) LOW Date Received: 08/06/91
 % Moisture: not dec. 9 dec. _____ Date Extracted: 08/09/91
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/23/91
 GPC Cleanup: (Y/N) Y pH: 7.5 Dilution Factor: 1.00

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

CAS NO.

COMPOUND

Q

319-84-6-----	alpha-BHC	17	U
319-85-7-----	beta-BHC	17	U
319-86-8-----	delta-BHC	17	U
58-89-9-----	gamma-BHC(Lindane)	17	U
76-44-8-----	Heptachlor	17	U
309-00-2-----	Aldrin	17	U
1024-57-3-----	Heptachlor epoxide	17	U
959-98-8-----	Endosulfan I	17	U
60-57-1-----	Dieldrin	35	U
72-55-9-----	4,4'-DDE	35	U
72-20-8-----	Endrin	35	U
33213-65-9-----	Endosulfan II	35	U
72-54-8-----	4,4'-DDD	35	U
1031-07-8-----	Endosulfan sulfate	35	U
50-29-3-----	4,4'-DDT	35	U
72-43-5-----	Methoxychlor	170	U
53494-70-5-----	Endrin ketone	35	U
5103-71-9-----	alpha-chlordane	170	U
5103-74-2-----	gamma-chlordane	170	U
8001-35-2-----	Toxaphene	350	U
12674-11-2-----	Aroclor-1016	170	U
11104-28-2-----	Aroclor-1221	170	U
11141-16-5-----	Aroclor-1232	170	U
53469-21-9-----	Aroclor-1242	170	U
12672-29-6-----	Aroclor-1248	170	U
11097-69-1-----	Aroclor-1254	350	U
11096-82-5-----	Aroclor-1260	350	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. **112**

TP204

Lab Name: RECRA ENVIRON Contract: _____

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D

Matrix: (soil/water) SOIL Lab Sample ID: SS4661

Sample wt/vol: 30.2 (g/mL) G Lab File ID: _____

Level: (low/med) LOW Date Received: 08/06/91

% Moisture: not dec. 15 dec. _____ Date Extracted: 08/09/91

Extraction.: (SepF/Cont/Sonc) SONC Date Analyzed: 08/23/91

GPC Cleanup: (Y/N) Y pH: 7.0 Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
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	37	U
72-55-9	4,4'-DDE	37	U
72-20-8	Endrin	37	U
33213-65-9	Endosulfan II	37	U
72-54-8	4,4'-DDD	37	U
1031-07-8	Endosulfan sulfate	37	U
50-29-3	4,4'-DDT	37	U
72-43-5	Methoxychlor	190	U
53494-70-5	Endrin ketone	37	U
5103-71-9	alpha-chlordane	190	U
5103-74-2	gamma-chlordane	190	U
8001-35-2	Toxaphene	370	U
12674-11-2	Aroclor-1016	190	U
11104-28-2	Aroclor-1221	190	U
11141-16-5	Aroclor-1232	190	U
53469-21-9	Aroclor-1242	190	U
12672-29-6	Aroclor-1248	190	U
11097-69-1	Aroclor-1254	370	U
11096-82-5	Aroclor-1260	370	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MSB02

Lab Name: RECRA ENVIRON Contract: _____

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D

Matrix: (soil/water) SOIL Lab Sample ID: SS4630

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

Level: (low/med) LOW Date Received: 08/02/91

% Moisture: not dec. 0 dec. Date Extracted: 08/07/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/23/91

GPC Cleanup: (Y/N) Y pH: 7.0 Dilution Factor: 1.00

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L OR ug/Kg) UG/KG Q

319-84-6-----	alpha-BHC	16	U
319-85-7-----	beta-BHC	16	U
319-86-8-----	delta-BHC	16	U
58-89-9-----	gamma-BHC(Lindane)	21	
76-44-8-----	Heptachlor	22	
309-00-2-----	Aldrin	18	
1024-57-3-----	Heptachlor epoxide	16	U
959-98-8-----	Endosulfan I	16	U
60-57-1-----	Dieldrin	48	
72-55-9-----	4,4'-DDE	32	U
72-20-8-----	Endrin	67	
33213-65-9-----	Endosulfan II	32	U
72-54-8-----	4,4'-DDD	32	U
1031-07-8-----	Endosulfan sulfate	32	U
50-29-3-----	4,4'-DDT	56	
72-43-5-----	Methoxychlor	160	U
53494-70-5-----	Endrin ketone	32	U
5103-71-9-----	alpha-chlordane	160	U
5103-74-2-----	gamma-chlordane	160	U
8001-35-2-----	Toxaphene	320	U
12674-11-2-----	Aroclor-1016	160	U
11104-28-2-----	Aroclor-1221	160	U
11141-16-5-----	Aroclor-1232	160	U
53469-21-9-----	Aroclor-1242	160	U
12672-29-6-----	Aroclor-1248	160	U
11097-69-1-----	Aroclor-1254	320	
11096-82-5-----	Aroclor-1260	320	

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. **114**

MSB02RE

Lab Name: RECRA ENVIRON Contract: _____

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D

Matrix: (soil/water) SOIL Lab Sample ID: SS4630A

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

Level: (low/med) LOW Date Received: 08/02/91

% Moisture: not dec. 0 dec. Date Extracted: 08/26/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/31/91

GPC Cleanup: (Y/N) Y pH: 7.0 Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
319-84-6	alpha-BHC	16	U
319-85-7	beta-BHC	16	U
319-86-8	delta-BHC	16	U
58-89-9	gamma-BHC(Lindane)	51	
76-44-8	Heptachlor	46	
309-00-2	Aldrin	41	
1024-57-3	Heptachlor epoxide	16	U
959-98-8	Endosulfan I	16	U
60-57-1	Dieldrin	110	
72-55-9	4,4'-DDE	32	U
72-20-8	Endrin	140	
33213-65-9	Endosulfan II	32	U
72-54-8	4,4'-DDD	32	U
1031-07-8	Endosulfan sulfate	32	U
50-29-3	4,4'-DDT	140	
72-43-5	Methoxychlor	160	U
53494-70-5	Endrin ketone	32	U
5103-71-9	alpha-chlordane	160	U
5103-74-2	gamma-chlordane	160	U
8001-35-2	Toxaphene	320	U
12674-11-2	Aroclor-1016	160	U
11104-28-2	Aroclor-1221	160	U
11141-16-5	Aroclor-1232	160	U
53469-21-9	Aroclor-1242	160	U
12672-29-6	Aroclor-1248	160	U
11097-69-1	Aroclor-1254	320	U
11096-82-5	Aroclor-1260	320	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MSB03

Lab Name: RECRA ENVIRON Contract: _____

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D

Matrix: (soil/water) SOIL Lab Sample ID: SS4657

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

Level: (low/med) LOW Date Received: 08/06/91

% Moisture: not dec. 0 dec. _____ Date Extracted: 08/09/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/23/91

GPC Cleanup: (Y/N) Y pH: 7.0 Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
319-84-6-----	alpha-BHC	16	U
319-85-7-----	beta-BHC	16	U
319-86-8-----	delta-BHC	16	U
58-89-9-----	gamma-BHC(Lindane)	49	
76-44-8-----	Heptachlor	39	
309-00-2-----	Aldrin	48	
1024-57-3-----	Heptachlor epoxide	16	U
959-98-8-----	Endosulfan I	16	U
60-57-1-----	Dieldrin	110	
72-55-9-----	4,4'-DDE	32	U
72-20-8-----	Endrin	140	
33213-65-9-----	Endosulfan II	32	U
72-54-8-----	4,4'-DDD	32	U
1031-07-8-----	Endosulfan sulfate	32	U
50-29-3-----	4,4'-DDT	110	
72-43-5-----	Methoxychlor	160	U
53494-70-5-----	Endrin ketone	32	U
5103-71-9-----	alpha-chlordane	160	U
5103-74-2-----	gamma-chlordane	160	U
8001-35-2-----	Toxaphene	320	U
12674-11-2-----	Aroclor-1016	160	U
11104-28-2-----	Aroclor-1221	160	U
11141-16-5-----	Aroclor-1232	160	U
53469-21-9-----	Aroclor-1242	160	U
12672-29-6-----	Aroclor-1248	160	U
11097-69-1-----	Aroclor-1254	320	U
11096-82-5-----	Aroclor-1260	320	U

H & A OF NEW YORK
AQUEOUS MATRIX
DOH METHOD 310-13

116

LAB NAME RECRA ENVIRONMENTAL INC.
JOB NO. 91-2112

SAMPLE DATE 08/01/91
EXTRACTION DATE 08/07/91
ANALYSIS DATE 08/13/91

SAMPLE NO. SS-201D

PARAMETER	
Petroleum Products	ND

ND=NONE DETECTED

132

H & A OF NEW YORK
AQUEOUS MATRIX
DOH METHOD 310-13

117

LAB NAME RECRA ENVIRONMENTAL INC.

JOB NO. 91-2112

SAMPLE NO. SS-202D

SAMPLE DATE 08/01/91

EXTRACTION DATE 08/07/91

ANALYSIS DATE 08/13/91

PARAMETER	
Petroleum Products	ND

ND=NONE DETECTED

132

H & A OF NEW YORK
AQUEOUS MATRIX
DOH METHOD 310-13

LAB NAME RECRA ENVIRONMENTAL INC.
JOB NO. 91-2112

SAMPLE DATE 08/01/91
EXTRACTION DATE 08/07/91
ANALYSIS DATE 08/12/91

SAMPLE NO. SS-203D

PARAMETER	
Petroleum Products	*

*SIMILAR BUT NOT IDENTICAL TO SAE 30

H & A OF NEW YORK
AQUEOUS MATRIX
DOH METHOD 310-13

LAB NAME RECRA ENVIRONMENTAL INC.
JOB NO. 91-2112

SAMPLE DATE 08/01/91
EXTRACTION DATE 08/07/91
ANALYSIS DATE 08/12/91

SAMPLE NO. SS-204D

PARAMETER	
Petroleum Products	ND

ND=NONE DETECTED

H & A OF NEW YORK
AQUEOUS MATRIX
DOH METHOD 310-13

LAB NAME RECRA ENVIRONMENTAL INC.
JOB NO. 91-2112

SAMPLE DATE 08/01/91
EXTRACTION DATE 08/07/91
ANALYSIS DATE 08/13/91

SAMPLE NO. SS-201S

PARAMETER	
Petroleum Products	*

*SIMILAR BUT NOT IDENTICAL TO SAE 30

H & A OF NEW YORK
AQUEOUS MATRIX
DOH METHOD 310-13

121

LAB NAME RECRA ENVIRONMENTAL INC.
JOB NO. 91-2112

SAMPLE DATE 08/01/91
EXTRACTION DATE 08/07/91
ANALYSIS DATE 08/13/91

SAMPLE NO. SS-202S

PARAMETER	
Petroleum Products	*

*SIMILAR BUT NOT IDENTICAL TO SAE 30

132

H & A OF NEW YORK
AQUEOUS MATRIX
DOH METHOD 310-13

122

LAB NAME RECRA ENVIRONMENTAL INC.
JOB NO. 91-2112

SAMPLE DATE 08/01/91
EXTRACTION DATE 08/07/91
ANALYSIS DATE 08/13/91

SAMPLE NO. SS-202S DUP

PARAMETER	
Petroleum Products	*

*SIMILAR.BUT NOT IDENTICAL TO SAE 30

132

H & A OF NEW YORK
AQUEOUS MATRIX
DOH METHOD 310-13

LAB NAME RECRA ENVIRONMENTAL INC.
JOB NO. 91-2112

SAMPLE DATE 08/01/91
EXTRACTION DATE 08/07/91
ANALYSIS DATE 08/13/91

SAMPLE NO. SS-203S

PARAMETER	
Petroleum Products	*

*SIMILAR BUT NOT IDENTICAL TO SAE 30

H & A OF NEW YORK
AQUEOUS MATRIX
DOH METHOD 310-13

LAB NAME RECRA ENVIRONMENTAL INC.
JOB NO. 91-2112

SAMPLE DATE 08/01/91
EXTRACTION DATE 08/07/91
ANALYSIS DATE 08/13/91

SAMPLE NO. SS-203S DUP

PARAMETER	
Petroleum Products	*

*SIMILAR BUT NOT IDENTICAL TO SAE 30

H & A OF NEW YORK
AQUEOUS MATRIX
DOH METHOD 310-13

LAB NAME RECRA ENVIRONMENTAL INC.
JOB NO. 91-2112

SAMPLE DATE 08/01/91
EXTRACTION DATE 08/07/91
ANALYSIS DATE 08/13/91

SAMPLE NO. SS-204S

PARAMETER	
Petroleum Products	*

*SIMILAR BUT NOT IDENTICAL TO SAE 30

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: RECRA ENVIRONMENTAL INC. Contract: NY91-820

Lab Code: RECNY Case No.: 3603 SAS No.: SDG No.: 33201D

SOW No.: 3/90

EPA Sample No.	Lab Sample ID
SO201	8649
SO201 D	8650
SO201 S	8651
SO202	8655
SS201D	8658
SS201S	8652
SS202D	8659
SS202S	8656
SS202SDP	8662
SS203D	8660
SS203S	8653
SS203SDP	8654
SS204D	8661
SS204S	8657
TP201	8735
TP201 D	8736
TP201 S	8737
TP204	8738

Were ICP interelement corrections applied ? Yes/No YES

Were ICP background corrections applied ? Yes/No YES

If yes - were raw data generated before
application of background corrections ? Yes/No NO-

Comments:

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 has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Deborah J. Kinecki

Name: DEBORAH J. KINECKI

Date: 9/25/91Title: VICE PRESIDENT OF LABORATORY
OPERATIONS

COVER PAGE - IN

3/90

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SO201

Lab Name: RECRA_ENVIRONMENTAL_INC. Contract: NY91-820

Lab Code: RECNY Case No.: 3603- SAS No.: SDG No.: 33201D

Matrix (soil/water): SOIL

Lab Sample ID: 8649

Level (low/med): LOW

Date Received: 08/02/91

Solids: 90.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	19400	—	*	A
7440-36-0	Antimony	1.1	U	NW	F
7440-38-2	Arsenic	4.4	—	SN	F
7440-39-3	Barium	84.9	—	N	P
7440-41-7	Beryllium	1.1	U	N	P
7440-43-9	Cadmium	1.1	U	N	P
7440-70-2	Calcium	13300	—	E*	P
7440-47-3	Chromium	23.1	—	N	A
7440-48-4	Cobalt	10.9	—	N	P
7440-50-8	Copper	11.6	—	N	P
7439-89-6	Iron	23900	—	E	P
7439-92-1	Lead	32.0	—	N	F
7439-95-4	Magnesium	7140	—	E*	P
7439-96-5	Manganese	474	—	EN*	P
7439-97-6	Mercury	0.10	U	—	CV
7440-02-0	Nickel	23.2	—	N	P
7440-09-7	Potassium	1450	—	—	A
7782-49-2	Selenium	11.1	U	N	F
7440-22-4	Silver	1.7	B	N	A
7440-23-5	Sodium	273	B	—	P
7440-28-0	Thallium	1.1	U	NW	F
7440-62-2	Vanadium	25.7	—	N	P
7440-66-6	Zinc	72.8	—	N	A
	Cyanide	1.1	U	—	C

Color Before: BROWN

Clarity Before:

Texture: MEDIUM

Color After: YELLOW

Clarity After: CLEAR

Artifacts:

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SO202

Lab Name: RECRA_ENVIRONMENTAL_INC. Contract: NY91-820

Lab Code: RECNY Case No.: 3603- SAS No.: SDG No.: 33201D

Matrix (soil/water): SOIL-

Lab Sample ID: 8655

Level (low/med): LOW-

Date Received: 08/02/91

Solids: 91.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	11800	-	*	A
7440-36-0	Antimony	1.1	U	NW	F
7440-38-2	Arsenic	6.0	-	SN	F
7440-39-3	Barium	71.7	-	N	P
7440-41-7	Beryllium	1.1	U	N	P
7440-43-9	Cadmium	1.1	U	N	P
7440-70-2	Calcium	3430	-	E*	P
7440-47-3	Chromium	20.4	-	N	A
7440-48-4	Cobalt	8.5	B	N	P
7440-50-8	Copper	19000	-	N	P
7439-89-6	Iron	19000	-	E	P
7439-92-1	Lead	32.4	-	N	F
7439-95-4	Magnesium	3560	-	E*	P
7439-96-5	Manganese	354	-	EN*	P
7439-97-6	Mercury	0.10	U	-	CV
7440-02-0	Nickel	20.2	-	N	P
7440-09-7	Potassium	1370	-	-	A
7782-49-2	Selenium	11.1	U	N	F
7440-22-4	Silver	1.1	U	N	A
7440-23-5	Sodium	237	B	-	P
7440-28-0	Thallium	1.1	U	NW	F
7440-62-2	Vanadium	25.0	-	N	P
7440-66-6	Zinc	63.1	-	N	A
	Cyanide	1.1	U	-	C

Color Before: BROWN

Clarity Before:

Texture: COARSE

Color After: YELLOW

Clarity After: CLEAR

Artifacts:

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SS201D

Lab Name: RECRA_ENVIRONMENTAL_INC. Contract: NY91-820

Lab Code: RECNY Case No.: 3603- SAS No.: SDG No.: 33201D

Matrix (soil/water): SOIL-

Lab Sample ID: 8658

Level (low/med): LOW

Date Received: 08/02/91

Solids: 80.8

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	12600	-	*	A
7440-36-0	Antimony	1.2	U	NW	F
7440-38-2	Arsenic	3.9	-	N	F
7440-39-3	Barium	93.6	-	N	P
7440-41-7	Beryllium	1.2	U	N	P
7440-43-9	Cadmium	1.2	U	N	P
7440-70-2	Calcium	60700	-	E*	P
7440-47-3	Chromium	22.5	-	N	A
7440-48-4	Cobalt	8.0	B	N	P
7440-50-8	Copper	17.1	-	N	P
7439-89-6	Iron	19500	-	E	P
7439-92-1	Lead	10.9	-	N	F
7439-95-4	Magnesium	15700	-	E*	P
7439-96-5	Manganese	477	-	EN*	P
7439-97-6	Mercury	0.10	U	-	CV
7440-02-0	Nickel	21.9	-	N	P
7440-09-7	Potassium	2250	-	-	A
7782-49-2	Selenium	1.2	U	NW	F
7440-22-4	Silver	2.5	-	N	A
7440-23-5	Sodium	416	B	-	P
7440-28-0	Thallium	1.2	U	NW	F
7440-62-2	Vanadium	21.9	-	N	P
7440-66-6	Zinc	72.3	-	N	A
	Cyanide		-	-	NR

Color Before: BROWN

Clarity Before:

Texture: COARSE

Color After: YELLOW

Clarity After: CLEAR-

Artifacts:

Comments:

U.S. EPA - CLP

¹
 INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SS201S

Lab Name: RECRA_ENVIRONMENTAL_INC._ Contract: NY91-820__

Lab Code: RECNY_ Case No.: 3603- SAS No.: _ SDG No.: 33201D

Matrix (soil/water): SOIL-

Lab Sample ID: 8652__

Level (low/med): LOW -

Date Received: 08/02/91

% Solids: _42.4

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	8250	-	*	A
7440-36-0	Antimony	2.3	U	NW	F
7440-38-2	Arsenic	12.1	-	SN	F
7440-39-3	Barium	319	-	N	P
7440-41-7	Beryllium	2.4	U	N	P
7440-43-9	Cadmium	2.4	U	N	P
7440-70-2	Calcium	61500	-	E*	P
7440-47-3	Chromium	69.8	-	N	A
7440-48-4	Cobalt	23.1	B	N	P
7440-50-8	Copper	174	-	N	P
7439-89-6	Iron	36200	-	E	P
7439-92-1	Lead	137	-	-	P
7439-95-4	Magnesium	17400	-	E*	P
7439-96-5	Manganese	728	-	EN*	P
7439-97-6	Mercury	0.85	-	-	CV
7440-02-0	Nickel	92.9	-	N	P
7440-09-7	Potassium	4700	-	-	A
7782-49-2	Selenium	23.1	U	N	F
7440-22-4	Silver	2.8	B	N	A
7440-23-5	Sodium	798	B	-	P
7440-28-0	Thallium	2.3	U	NW	F
7440-62-2	Vanadium	43.4	-	N	P
7440-66-6	Zinc	2890	-	N	A
	Cyanide		-	-	NR

Color Before: BROW_ Clarity Before: _ Texture: COARSE

Color After: YELLOW_ Clarity After: CLEAR- Artifacts: _

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SS202D

Lab Name: RECRA ENVIRONMENTAL INC. Contract: NY91-820

Lab Code: RECNY Case No.: 3603- SAS No.: SDG No.: 33201D

Matrix (soil/water): SOIL-

Lab Sample ID: 8659

Level (low/med): LOW-

Date Received: 08/02/91

Solids: 78.5

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	10300	-	*	A
7440-36-0	Antimony	1.2	U	NW	F
7440-38-2	Arsenic	3.4	-	N	F
7440-39-3	Barium	93.4	-	N	P
7440-41-7	Beryllium	1.3	U	N	P
7440-43-9	Cadmium	1.3	U	N	P
7440-70-2	Calcium	63200	-	E*	P
7440-47-3	Chromium	21.8	-	N	A
7440-48-4	Cobalt	8.0	B	N	P
7440-50-8	Copper	15.0	-	N	P
7439-89-6	Iron	18700	-	E	P
7439-92-1	Lead	16.2	-	N	F
7439-95-4	Magnesium	18500	-	E*	P
7439-96-5	Manganese	506	-	EN*	P
7439-97-6	Mercury	0.12	U	-	CV
7440-02-0	Nickel	19.2	-	N	P
7440-09-7	Potassium	1650	-	-	A
7782-49-2	Selenium	1.2	U	NW	F
7440-22-4	Silver	2.1	B	N	A
7440-23-5	Sodium	509	B	-	P
7440-28-0	Thallium	1.2	U	NW	F
7440-62-2	Vanadium	20.6	-	N	P
7440-66-6	Zinc	64.8	-	N	A
	Cyanide		-	-	NR

Color Before: BROWN

Clarity Before:

Texture: COARSE

Color After: YELLOW

Clarity After: CLEAR-

Artifacts:

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SS202S

Lab Name: RECRA_ENVIRONMENTAL_INC. Contract: NY91-820

Lab Code: RECNY Case No.: 3603 SAS No.: SDG No.: 33201D

Matrix (soil/water): SOIL-

Lab Sample ID: 8656

Level (low/med): LOW

Date Received: 08/02/91

Solids: 83.1

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	8810	—	*	A
7440-36-0	Antimony	1.2	U	NW	F
7440-38-2	Arsenic	5.8	—	SN	F
7440-39-3	Barium	94.7	—	N	P
7440-41-7	Beryllium	1.1	U	N	P
7440-43-9	Cadmium	1.1	U	N	P
7440-70-2	Calcium	19600	—	E*	P
7440-47-3	Chromium	22.9	—	N	A
7440-48-4	Cobalt	7.4	B	N	P
7440-50-8	Copper	23.5	—	N	P
7439-89-6	Iron	17600	—	E	P
7439-92-1	Lead	55.2	—	SN	F
7439-95-4	Magnesium	8330	—	E*	P
7439-96-5	Manganese	318	—	EN*	P
7439-97-6	Mercury	0.11	U	—	CV
7440-02-0	Nickel	23.6	—	N	P
7440-09-7	Potassium	1600	—	—	A
7782-49-2	Selenium	1.2	U	NW	F
7440-22-4	Silver	2.8	—	N	A
7440-23-5	Sodium	320	B	—	P
7440-28-0	Thallium	1.2	U	NW	F
7440-62-2	Vanadium	20.1	—	N	P
7440-66-6	Zinc	214	—	N	A
	Cyanide	—	—	—	NR

Color Before: BROWN

Clarity Before:

Texture: MEDIUM

Color After: YELLOW

Clarity After: CLEAR

Artifacts:

Comments:

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SS202SDP

Lab Name: RECRA_ENVIRONMENTAL_INC. Contract: NY91-820

Lab Code: RECNY Case No.: 3603- SAS No.: SDG No.: 33201D

Matrix (soil/water): SOIL-

Lab Sample ID: 8662

Level (low/med): LOW-

Date Received: 08/02/91

Solids: 83.1

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	10600	-	*	A
7440-36-0	Antimony	1.2	U	NW	F
7440-38-2	Arsenic	3.0	-	N	F
7440-39-3	Barium	75.5	-	N	P
7440-41-7	Beryllium	1.2	U	N	P
7440-43-9	Cadmium	1.2	U	N	P
7440-70-2	Calcium	31200	-	E*	P
7440-47-3	Chromium	19.1	-	N	A
7440-48-4	Cobalt	6.5	B	N	P
7440-50-8	Copper	30.1	-	N	P
7439-89-6	Iron	13900	-	E	P
7439-92-1	Lead	52.9	-	-	P
7439-95-4	Magnesium	15000	-	E*	P
7439-96-5	Manganese	253	-	EN*	P
7439-97-6	Mercury	0.12	U	-	CV
7440-02-0	Nickel	20.7	-	N	P
7440-09-7	Potassium	1380	-	-	A
7782-49-2	Selenium	1.2	U	NW	F
7440-22-4	Silver	1.2	B	N	A
7440-23-5	Sodium	341	B	-	P
7440-28-0	Thallium	1.2	U	NW	F
7440-62-2	Vanadium	17.6	-	N	P
7440-66-6	Zinc	210	-	N	A
	Cyanide		-	-	NR

Color Before: BROWN Clarity Before: Texture: COARSE

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

SAMPLE_SS-202S_DUP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SS203D

Lab Name: IZECRA ENVIRONMENTAL-INC. Contract: NY91-820

Lab Code: RECNY Case No.: 3603- SAS No.: SDG No.: 33201D

Matrix (soil/water): SOIL

Lab Sample ID: 8660

Level (low/med): LOW

Date Received: 08/02/91

Solids: 66.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	18100	-	*	A
7440-36-0	Antimony	1.5	U	NW	F
7440-38-2	Arsenic	7.1	-	SN	F
7440-39-3	Barium	128	-	N	P
7440-41-7	Beryllium	1.5	U	N	P
7440-43-9	Cadmium	1.5	U	N	P
7440-70-2	Calcium	58300	-	E*	P
7440-47-3	Chromium	29.7	-	N	A
7440-48-4	Cobalt	12.2	B	N	P
7440-50-8	Copper	27.6	-	N	P
7439-89-6	Iron	26800	-	E	P
7439-92-1	Lead	22.1	-	N	F
7439-95-4	Magnesium	27200	-	E*	P
7439-96-5	Manganese	547	-	EN*	P
7439-97-6	Mercury	0.14	U	-	CV
7440-02-0	Nickel	33.9	-	N	P
7440-09-7	Potassium	2200	-	-	A
7782-49-2	Selenium	1.5	U	NW	F
7440-22-4	Silver	2.4	B	N	A
7440-23-5	Sodium	475	B	-	P
7440-28-0	Thallium	1.5	U	NW	F
7440-62-2	Vanadium	30.4	-	N	P
7440-66-6	Zinc	116	-	N	A
	Cyanide		-	-	NR

Color Before: BROWN

Clarity Before: -

Texture: COARSE

Color After: YELLOW

Clarity After: CLEAR-

Artifacts: -

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO,

SS203S

Lab Name: RECRA_ENVIRONMENTAL_INC._ Contract: NY91-820__

Lab Code: RECNY_ Case No.: 3603- SAS No.: _____ SDG No.: 33201D

Matrix (soil/water): SOIL_ Lab Sample ID: 8653_____

Level (low/med): LOW_ Date Received: 08/02/91

Solids: _69.4

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	16100	-	*	A
7440-36-0	Antimony	1.4	U	NW	F
7440-38-2	Arsenic	6.4	-	SN	F
7440-39-3	Barium	127	-	N	P
7440-41-7	Beryllium	1.5	U	N	P
7440-43-9	Cadmium	1.5	U	N	P
7440-70-2	Calcium	43400	-	E*	P
7440-47-3	Chromium	27.6	-	N	A
7440-48-4	Cobalt	13.6	B	N	P
7440-50-8	Copper	40.2	-	N	P
7439-89-6	Iron	24300	-	E	P
7439-92-1	Lead	67.3	-	-	P
7439-95-4	Magnesium	15800	-	E*	P
7439-96-5	Manganese	418	-	EN*	P
7439-97-6	Mercury	0.13	U	-	CV
7440-02-0	Nickel	28.6	-	N	P
7440-09-7	Potassium	2600	-	-	A
7782-49-2	Selenium	1.4	U	NW	F
7440-22-4	Silver	2.4	B	N	A
7440-23-5	Sodium	474	B	-	P
7440-28-0	Thallium	1.4	U	NW	F
7440-62-2	Vanadium	29.7	-	N	P
7440-66-6	Zinc	???	-	N	A
	Cyanide		-	-	NR

Color Before: BROW_ Clarity Before: _____ Texture: COARSE

Color After: YELLOW_ Clarity After: CLEAR_ Artifacts: _____

Comments:

U.S. EPA - CLP

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SS203SDP

Lab Name: RECRA_ENVIRONMENTAL_INC. Contract: NY91-820

Lab Code: RECNY Case No.: 3603- SAS No.: SDG No.: 33201D

Matrix (soil/water): SOIL-

Lab Sample ID: 8654

Level (low/med): LOW-

Date Received: 08/02/91

Solids: 69.4

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum-	15700	-	*	A
7440-36-0	Antimony-	1.4	U	NW	F
7440-38-2	Arsenic -	4.8	-	SN	F
7440-39-3	Barium	135	-	N	P
7440-41-7	Beryllium	1.4	U	N	P
7440-43-9	Cadmium -	1.4	U	N	P
7440-70-2	Calcium -	37700	-	E*	P
7440-47-3	Chromium-	27.1	-	N	A
7440-48-4	Cobalt -	17.6	-	N	P
7440-50-8	Copper	34.4	-	N	P
7439-89-6	Iron	25100	-	E	P
7439-92-1	Lead	79.3	-	N	F
7439-95-4	Magnesium	12400	-	E*	P
7439-96-5	Manganese	409	-	EN*	P
7439-97-6	Mercury -	0.14	U	-	CV
7440-02-0	Nickel	32.0	-	N	P
7440-09-7	Potassium	2680	-	-	A
7782-49-2	Selenium-	1.4	U	NW	F
7440-22-4	Silver	2.3	B	N	A
7440-23-5	Sodium	414	B	-	P
7440-28-0	Thallium	1.4	U	NW	F
7440-62-2	Vanadium-	30.9	-	N	P
7440-66-6	Zinc	202	-	N	A
	Cyanide -		-	-	NR

Color Before: BROWN

Clarity Before:

Texture: COARSE

Color After: YELLOW

Clarity After: CLEAR-

Artifacts:

Comments:

SAMPLE_SS-203S_DUP

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SS204D

Lab Name: RECRA_ENVIRONMENTAL_INC. Contract: NY91-820

Lab Code: RECNY Case No.: 3603 SAS No.: SDG No.: 33201D

Matrix (soil/water): SOIL -

Lab Sample ID: 8661

Level (low/med): LOW -

Date Received: 08/02/91

Solids: 77.2

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	14300	-	*	A
7440-36-0	Antimony	1.3	U	NW	F
7440-38-2	Arsenic	5.2	-	SN	F
7440-39-3	Barium	118	-	N	P
7440-41-7	Beryllium	1.3	U	N	P
7440-43-9	Cadmium	1.3	U	N	P
7440-70-2	Calcium	56700	-	E*	P
7440-47-3	Chromium	24.6	-	N	A
7440-48-4	Cobalt	10.4	B	N	P
7440-50-8	Copper	17.6	-	N	P
7439-89-6	Iron	23100	-	E	P
7439-92-1	Lead	13.1	-	N	F
7439-95-4	Magnesium	13800	-	E*	P
7439-96-5	Manganese	509	-	EN*	P
7439-97-6	Mercury	0.12	U	-	CV
7440-02-0	Nickel	26.2	-	N	P
7440-09-7	Potassium	1700	-	-	A
7782-49-2	Selenium	1.3	U	N	F
7440-22-4	Silver	2.1	B	N	A
7440-23-5	Sodium	548	B	-	P
7440-28-0	Thallium	1.3	U	NW	F
7440-62-2	Vanadium	24.1	-	N	P
	Zinc	117	-	N	A
	Cyanide		-	-	NTD

Color Before: BROWN

Clarity Before:

Texture: COARSE

Color After: YELLOW

Clarity After: CLEAR

Artifacts:

Comments:

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SS204S

Lab Name: RECRA_ENVIRONMENTAL_INC. Contract: NY91-820

Lab Code: RECNY Case No.: 3603- SAS No.: SDG No.: 33201D

Matrix (soil/water): SOIL-

Lab Sample ID: 8657

Level (low/med): LOW -

Date Received: 08/02/91

Solids: 61.5

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	14200	-	*	A
7440-36-0	Antimony	1.6	U	NW	F
7440-38-2	Arsenic	4.6	-	N	F
7440-39-3	Barium	146	-	N	P
7440-41-7	Beryllium	1.7	U	N	P
7440-43-9	Cadmium	1.7	U	N	P
7440-70-2	Calcium	44600	-	E*	P
7440-47-3	Chromium	35.8	-	N	A
7440-48-4	Cobalt	11.1	B	N	P
7440-50-8	Copper	52.0	-	N	P
7439-89-6	Iron	27000	-	E	P
7439-92-1	Lead	98.6	-	-	P
7439-95-4	Magnesium	14000	-	E*	P
7439-96-5	Manganese	412	-	EN*	P
7439-97-6	Mercury	0.14	U	-	CV
7440-02-0	Nickel	35.0	-	N	P
7440-09-7	Potassium	2580	-	-	A
7782-49-2	Selenium	1.6	U	N	F
7440-22-4	Silver	2.7	B	N	A
7440-23-5	Sodium	565	B	-	P
7440-28-0	Thallium	1.6	U	NW	F
7440-62-2	Vanadium	30.3	-	N	P
7440-66-6	Zinc	554	-	N	A
	Cyanide		-	-	NR

Color Before: BROWN

Clarity Before:

Texture: COARSE

Color After: YELLOW

Clarity After: CLEAR-

Artifacts:

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

TP201

Lab Name: RECRA_ENVIRONMENTAL-INC. Contract: NY91-820

Lab Code: RECNY Case No.: 3603- SAS No.: SDG No.: 33201D

Matrix (soil/water): SOIL Lab Sample ID: 8735

Level (low/med): LOW Date Received: 08/06/91

Solids: 91.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	13100	—	—	P
7440-36-0	Antimony	1.1	U	NW	F
7440-38-2	Arsenic	4.9	—	N	F
7440-39-3	Barium	73.2	—	N	P
7440-41-7	Beryllium	1.1	U	N	P
7440-43-9	Cadmium	1.1	U	N	P
7440-70-2	Calcium	15300	B	—	A
7440-47-3	Chromium	14.8	—	N	P
7440-48-4	Cobalt	6.6	B	N	P
7440-50-8	Copper	8.5	—	N	P
7439-89-6	Iron	16900	—	E	P
7439-92-1	Lead	15.3	—	N	F
7439-95-4	Magnesium	5990	—	E*	P
7439-96-5	Manganese	371	—	EN*	P
7439-97-6	Mercury	0.10	U	—	CV
7440-02-0	Nickel	17.1	—	N	P
7440-09-7	Potassium	1280	—	—	P
7782-49-2	Selenium	1.1	U	N	F
7440-22-4	Silver	6.1	—	N	A
7440-23-5	Sodium	218	B	—	P
7440-28-0	Thallium	1.1	U	N	F
7440-62-2	Vanadium	22.5	—	N	P
—	Zinc	51.1	—	N	P
—	Cyanide	—	—	—	C

Color Before: BROWN Clarity Before: Texture: COARSE

Color After: YELLOW Clarity After: CLEAR- Artifacts:

Comments:

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

TP204

Lab Name: RECRA_ENVIRONMENTAL_INC. Contract: NY91-820

Lab Code: RECNY Case No.: 3603- SAS No.: SDG No.: 33201D

Matrix (soil/water): SOIL-

Lab Sample ID: 8738

Level (low/med): LOW-

Date Received: 08/06/91

Solids: 85.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	8820	-		P
7440-36-0	Antimony	1.2	U	N	F
7440-38-2	Arsenic	4.1	-	N	F
7440-39-3	Barium	82.4	-	N	P
7440-41-7	Beryllium	1.2	U	N	P
7440-43-9	Cadmium	1.2	U	N	P
7440-70-2	Calcium	62700	B		A
7440-47-3	chromium	14.7	-	N	P
7440-48-4	Cobalt	8.3	B	N	P
7440-50-8	Copper	16.8	-	N	P
7439-89-6	Iron	18900	-	E	P
7439-92-1	Lead	7.9	-	N	F
7439-95-4	Magnesium	16200	-	E*	P
7439-96-5	Manganese	519	-	EN*	P
7439-97-6	Mercury	0.11	U		CV
7440-02-0	Nickel	21.9	-	N	P
7440-09-7	Potassium	1810	-		P
7782-49-2	Selenium	1.2	U	N	F
7440-22-4	Silver	3.8	-	N	A
7440-23-5	Sodium	357	B		P
7440-28-0	Thallium	1.2	U	N	F
7440-62-2	Vanadium	20.0	-	N	P
7440-66-6	Zinc	45.0	-	N	P
	Cyanide	1.2	U		C

Color Before: BROWN

Clarity Before:

Texture: COARSE

Color After: YELLOW

Clarity After: CLEAR

Artifacts:

Comments:

2A
WATER VOLATILE SURROGATE RECOVERY

Lab Name: RECRA ENVIRON Contract: NY91-820

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D

	EPA SAMPLE NO.	S1 (TOL) #	S2 (BFB) #	S3 (DCE) #	OTHER	TOT OUT
	=====	=====	=====	=====	=====	=====
01	TRIPBLANK	95	100	100	0	0
02	VHB	96	97	104	0	0
03	VLK25	96	98	97	0	0

QC LIMITS

S1 (TOL) = Toluene-d8 (88-110)
 S2 (BFB) = Bromofluorobenzene (86-115)
 S3 (DCE) = 1,2-Dichloroethane-d4 (76-114)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogates diluted out

2B
SOIL VOLATILE SURROGATE RECOVERY

Lab Name: RECRA ENVIRON Contract: NY91-820

I b Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D

Level: (low/med) LOW

	EPA SAMPLE NO.	S1 (TOL) #	S2 (BFB) #	S3 (DCE) #	OTHER	TOT OUT
01	MSBLANK1	105	100	92	0	0
02	MSBLANK3	100	102	97	0	0
03	SO201	105	86	91	0	0
04	SO202	100	82	88	0	0
05	SS201D	108	101	97	0	0
06	SS202D	106	97	91	0	0
07	SS202S	114	80	93	0	0
08	SS202SDUP	110	83	88	0	0
09	SS202SDUPDL	102	90	85	0	0
10	SS203D	114	92	86	0	0
11	SS203S	114	81	91	0	0
12	SS203SDUP	110	86	96	0	0
13	SS204D	108	95	91	0	0
14	SS204S	106	87	85	0	0
15	TP201	103	96	91	0	0
16	TP202	102	98	92	0	0
17	TP203	102	95	91	0	0
18	TP204	103	94	93	0	0
19	TP205	102	94	96	0	0
20	TP206	107	90	95	0	0
21	SO201MS	101	91	94	0	0
22	SO201MSD	105	92	96	0	0
23	TP201MS	105	95	93	0	0
24	TP201MSD	103	90	96	0	0
25	VLK45	106	103	96	0	0
26	VLK46	102	99	102	0	0
27	VLK49	100	97	94	0	0

QC LIMITS

S1 (TOL) = Toluene-d8 (81-117)
 S2 (BFB) = Bromofluorobenzene (74-121)
 S3 (DCE) = 1,2-Dichloroethane-d4 (70-121)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogates diluted out

2B
SOIL VOLATILE SURROGATE RECOVERY

I..b Name: RECRA ENVIRON Contract: NY91-820

I b Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D

Level: (low/med) MED

	EPA SAMPLE NO.	S1 (TOL) #	S2 (BFB) #	S3 (DCE) #	OTHER	TOT OUT
	=====	=====	=====	=====	=====	=====
01	MSBLANK2	102	100	96	0	0
02	SS201S	101	116	104	0	0
03	SS201SMS	89	101	90	0	0
04	SS201SMSD	88	104	90	0	0
05	VBLK05	100	97	102	0	0

QC LIMITS

S1 (TOL) = Toluene-d8 (81-117)
 S2 (BFB) = Bromofluorobenzene (74-121)
 S3 (DCE) = 1,2-Dichloroethane-d4 (70-121)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogates diluted out

2D
SOIL SEMIVOLATILE SURROGATE RECOVERY

144 -

Lab Name: RECRA ENVIRON Contract: NY91-820
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D
 Level: (low/med) LOW

	EPA SAMPLE NO.	S1 (NBZ) #	S2 (FBP) #	S3 (TPH) #	S4 (PHL) #	S5 (2FP) #	S6 (TBP) #	OTHER	TOT OUT
01	MSBLANK1	83	89	78	107	101	88	0	0
02	MSBLANK2	81	85	81	82	89	69	0	0
03	SO201	57	61	57	64	79	21	0	0
04	SO202	88	88	79	84	99	16 *	0	1
05	SS201D	54	61	53	65	89	30	0	0
06	SS201S	77	87	64	76	122 *	80	0	1
07	SS201SDL	0 D	30	26	0 D	35	0 D	0	0
08	SS201SRE	71	244 *	77	72	131 *	64	0	2
09	SS202D	68	69	66	80	107	20	0	0
10	SS202S	73	73	60	84	74	86	0	0
11	SS202SDUP	63	63	48	72	96	40	0	0
12	SS203D	58	59	53	67	94	27	0	0
13	SS203S	36	37	33	43	57	38	0	0
14	SS203SDUP	50	54	41	55	84	39	0	0
15	SS204D	54	54	49	49	66	29	0	0
16	SS204DRE	51	53	50	43	52	22	0	0
17	SS204S	70	72	60	84	86	89	0	0
18	TP201	92	87	74	96	104	15 *	0	1
19	TP204	78	81	71	85	100	89	0	0
20	SO201MS	52	55	53	67	75	26	0	0
21	SO201MSD	16 *	19 *	17 *	20 *	21 *	9 *	0	6
22	TP201MS	81	83	72	100	99	58	0	0
23	TP201MSD	82	87	72	103	108	50	0	0
24	SBLK95	41	44	40	34	39	24	0	0
25	SBLK77	78	81	71	86	92	60	0	0
26	SBLK99	38	44	41	40	41	38	0	0

QC LIMITS

S1 (NBZ) = Nitrobenzene-d5 (23-120)
 S2 (FBP) = 2-Fluorobiphenyl (30-115)
 S3 (TPH) = Terphenyl (18-137)
 S4 (PHL) = Phenol-d5 (24-113)
 S5 (2FP) = 2-Fluorophenol (25-121)
 S6 (TBP) = 2,4,6-Tribromophenol (19-122)

Column to be used to flag recovery values
 * Values outside of contract required QC limits
 D Surrogates diluted out

2F
SOIL PESTICIDE SURROGATE RECOVERY

145

Lab Name: RECRA ENVIRON Contract: _____
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D
 Level: (low/med) LOW

	EPA SAMPLE NO.	S1 (DBC) #	OTHER
	=====	=====	=====
01	PBLK52	57	0
02	PBLK53	83	0
03	PBLK61	66	0
04	MSB02	52	0
05	MSB02RE	68	0
06	MSB03	97	0
07	SO201	62	0
08	SO201RE	72	0
09	SO202	80	0
10	SO202RE	76	0
11	TP201	118	0
12	TP204	107	0
13	SO201MS	68	0
14	SO201MSD	19 *	0
15	SO201MSDRE	70	0
16	SO201MSRE	69	0
17	TP201MS	91	0
18	TP201MSD	112	0

ADVISORY
QC LIMITS
(20-150)

S1 (DBC) = Dibutylchloroendate

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogates diluted out

3B

SOIL VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: RECRA ENVIRONContract: NY91-820Lab Code: RECNYCase No.: 3603

SAS No.: _____

SDG No.: SS201DMatrix Spike - EPA Sample No.: S0201Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC LIMITS REC.
1,1-Dichloroethene	55.1	0	45.4	82	59-172
Trichloroethene	55.1	0	47.8	87	62-137
Benzene	55.1	0	45.4	82	66-142
Toluene	55.1	0	51.5	93	59-139
Chlorobenzene	55.1	0	49.1	89	60-133

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC L RPD	MITS REC.
1,1-Dichloroethene	53.9	43.6	81	1	22	59-172
Trichloroethene	53.9	41.4	77	12	24	62-137
Benzene	53.9	40.3	75	9	21	66-142
Toluene	53.9	46.8	87	7	21	59-139
Chlorobenzene	53.9	44.2	82	8	21	60-133

* Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 5 outside limitsSpike Recovery: 0 out of 10 outside limits

COMMENTS: S0201 JOB2113

3B

SOIL VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: RECRA ENVIRONContract: NY91-820Lab Code: RECNYCase No.: 3603

SAS No.: _____

SDG No.: SS201DMatrix Spike - EPA Sample No.: SS201SLevel: (low/med) MED

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC LIMITS REC.
1,1-Dichloroethene	35600	1470	39100	106	59-172
Trichloroethene	35600	1450	34800	94	62-137
Benzene	35600	1530	35200	95	66-142
Toluene	35600	5350	37600	91	59-139
Chlorobenzene	35600	1380	32400	87	60-133

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	REC.
1,1-Dichloroethene	35600	49200	134	-23 *	22	59-172
Trichloroethene	35600	42100	114	-19	24	62-137
Benzene	35600	42900	116	-20	21	66-142
Toluene	35600	46000	114	-22 *	21	59-139
Chlorobenzene	35600	41100	112	-25 *	21	60-133

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 3 out of 5 outside limitsSpike Recovery: 0 out of 10 outside limitsCOMMENTS: SS201S JOB2113
51E

3B

SOIL VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: RECRA ENVIRON Contract: NY91-820
 Lab Code: RECNY Case No.: 3603 SAS No.: SDG No.: SS201D
 Matrix Spike - EPA Sample No.: TP201 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC LIMITS REC.
1,1-Dichloroethene	58.1	0	50.9	88	59-172
Trichloroethene	58.1	0	57.7	99	62-137
Benzene	58.1	0	60.9	105	66-142
Toluene	58.1	0	60.7	104	59-139
Chlorobenzene	58.1	0	55.3	95	60-133

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	REC.
1,1-Dichloroethene	58.1	53.5	92	-4	22	59-172
Trichloroethene	58.1	53.3	92	7	24	62-137
Benzene	58.1	60.0	103	2	21	66-142
Toluene	58.1	59.3	102	2	21	59-139
Chlorobenzene	58.1	53.3	92	3	21	60-133

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 5 outside limits

Spike Recovery: 0 out of 10 outside limits

COMMENTS: TP201 JOB2143
I50H

3X
SOIL VOLATILE MATRIX SPIKE RECOVERY

Lab Name: RECRA ENVIRON Contract: _____

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D

Matrix Spike - Sample No.: MSBLANK1 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC LIMITS REC.
1,1-Dichloroethene	50.0	0	50.4	101	75-125
Trichloroethene	50.0	0	46.6	93	75-125
Benzene	50.0	0	47.6	95	75-125
Toluene	50.0	0	48.8	98	75-125
Chlorobenzene	50.0	0	46.8	94	75-125

* Values outside of QC limits

Spike Recovery: 0 out of 5 outside limits

COMMENTS: VBLK45

3X
SOIL VOLATILE MATRIX SPIKE RECOVERY

150

Lab Name: RECRA ENVIRON Contract: _____

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D

Matrix Spike - Sample No.: MSBLANK2 Level: (low/med) MED

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC LIMITS REC.
1,1-Dichloroethene	6250	0	4700	75	75-125
Trichloroethene	6250	0	4150	66 *	75-125
Benzene	6250	0	4420	71 *	75-125
Toluene	6250	0	4280	68 *	75-125
Chlorobenzene	6250	0	3950	63 *	75-125

* Values outside of QC limits

Spike Recovery: 4 out of 5 outside limits

COMMENTS: VBLK05
51E

3X
SOIL VOLATILE MATRIX SPIKE RECOVERY

Lab Name: RECRA ~~ENV~~ VIRON Contract: _____

Lab code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D

Matrix Spike - Sample No.: MSBLANK3 Level:(low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC LIMITS REC.
=====	=====	=====	=====	=====	=====
1,1-Dichloroethene_____	50.0	0	46.6	93	75-125
Trichloroethene_____	50.0	0	49.0	98	75-125
Benzene_____	50.0	0	51.8	104	75-125
Toluene_____	50.0	0	49.4	99	75-125
Chlorobenzene_____	50.0	0	47.4	95	75-125

* Values outside of QC limits

Spike Recovery: 0 out of 5 outside limits

COMMENTS: VBLK49
I50H

3D
SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

150

Lab Name: RECRA ENVIRON Contract: NY91-820
Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D
Matrix Spike - EPA Sample No.: TP201 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC LIMITS REC.
Phenol	14300	0	12600	88	26- 90
2-Chlorophenol	14300	0	12700	89	25-102
1,4-Dichlorobenzene	7170	0	6260	87	28 104
N-Nitroso-di-n-prop. (1)	7170	0	3620	50	41 126
1,2,4-Trichlorobenzene	7170	0	6240	87	38 107
4-Chloro-3-methylphenol	14300	0	11200	78	26 103
Acenaphthene	7170	0	5850	82	31-137
4-Nitrophenol	14300	0	14600	102	11-114
2,4-Dinitrotoluene	7170	0	5900	82	28- 89
Pentachlorophenol	14300	0	2250	16 *	17-109
Pyrene	7170	334	5850	77	35-142

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS	
					RPD	REC.
Phenol	14000	13000	93 *	-6	35	26- 90
2-Chlorophenol	14000	12200	87	2	50	25-102
1,4-Dichlorobenzene	7010	6040	86	1	27	28 104
N-Nitroso-di-n-prop. (1)	7010	3450	49	2	38	41 126
1,2,4-Trichlorobenzene	7010	6130	87	0	23	38 107
4-Chloro-3-methylphenol	14000	11200	80	-3	33	26 103
Acenaphthene	7010	5900	84	-2	19	31-137
4-Nitrophenol	14000	14700	105	-3	50	11-114
2,4-Dinitrotoluene	7010	5940	85	-4	47	28- 89
Pentachlorophenol	14000	221	2 *	156 *	47	17-109
Pyrene	7010	5570	75	3	36	35-142

(1) N-Nitroso-di-n-propylamine

* Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 1 out of 11 outside limits
Spike Recovery: 3 out of 22 outside limits

COMMENTS: TP201 JOB2143 SS4658
AUTOSAMPLER I502

3D
SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: RECRA ENVIRON Contract: NY91-820

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D

Matrix Spike - EPA Sample No.: S0201 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC LIMITS REC.
Phenol	14300	0	8660	61	26- 90
2-Chlorophenol	14300	0	8440	59	25-102
1,4-Dichlorobenzene	7150	0	3730	52	28 104
N-Nitroso-di-n-prop. (1)	7150	0	2590	36 *	41 126
1,2,4-Trichlorobenzene	7150	0	4010	56	38 107
4-Chloro-3-methylphenol	14300	0	7150	50	26 103
Acenaphthene	7150	0	3720	52	31-137
4-Nitrophenol	14300	0	8370	59	11-114
2,4-Dinitrotoluene	7150	0	4190	59	28- 89
Pentachlorophenol	14300	0	0	0 *	17-109
Pyrene	7150	279	4990	66	35-142

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	REC.
Phenol	14300	2600	18 *	109 *	35	26- 90
2-Chlorophenol	14300	2420	17 *	111 *	50	25-102
1,4-Dichlorobenzene	7130	1260	18 *	97 *	27	28 104
N-Nitroso-di-n-prop. (1)	7130	963	14 *	88 *	38	41 126
1,2,4-Trichlorobenzene	7130	1370	19 *	99 *	23	38 107
4-Chloro-3-methylphenol	14300	2220	16 *	103 *	33	26 103
Acenaphthene	7130	1330	19 *	93 *	19	31-137
4-Nitrophenol	14300	2540	18 *	106 *	50	11-114
2,4-Dinitrotoluene	7130	1260	18 *	106 *	47	28- 89
Pentachlorophenol	14300	0	0 *	0 *	47	17-109
Pyrene	7130	1690	20 *	107 *	36	35-142

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of qc limits

RPD: 10 out of 11 outside limits
Spike Recovery: 12 out of 22 outside limits

COMMENTS: S0201 JOB2113 SS4623
AUTOSAMPLER I50Y

3X
SOIL SEMIVOLATILE MATRIX SPIKE RECOVERY

154

Lab Name: RECRA ENVIRON Contract: NY91-820
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D
 Matrix Spike - Sample No.: MSBLANK1 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC LIMITS REC.
Phenol	13300	0	12100	91	75-125
2-Chlorophenol	13300	0	11200	84	25-125
1,4-Dichlorobenzene	6670	0	5720	86	75-125
N-Nitroso-di-n-prop. (1)	6670	0	2390	36 *	75-125
1,2,4-Trichlorobenzene	6670	0	5720	86	75-125
4-Chloro-3-methylphenol	13300	0	9740	73 *	75-125
Acenaphthene	6670	0	5680	85	75-125
4-Nitrophenol	13300	0	15200	114	75-125
2,4-Dinitrotoluene	6670	0	5900	88	75-125
Pentachlorophenol	13300	0	13200	99	75-125
Pyrene	6670	0	5680	85	75-125

(1) N-Nitroso-di-n-propylamine

* Values outside of QC limits

Spike Recovery: 10 out of 11 outside limits

COMMENTS: SBLK77 JOB2143 SS4656
AUTOSAMPLR I50Z

3X
SOIL SEMIVOLATILE MATRIX SPIKE RECOVERY

Lab Name: RECRA ENVIRON Contract: NY91-820
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D
 Matrix Spike - Sample No.: MSBLANK2 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC LIMITS REC.
Phenol	13300	0	11300	85	75-125
2-Chlorophenol	13300	0	9870	74 *	75-125
1,4-Dichlorobenzene	6670	0	5490	82	75 125
N-Nitroso-di-n-prop.(1)	6670	0	4300	64 *	75 125
1,2,4-Trichlorobenzene	6670	0	5740	86	75 125
4-Chloro-3-methylphenol	13300	0	10700	80	75 125
Acenaphthene	6670	0	5520	83	75-125
4-Nitrophenol	13300	0	12900	97	75-125
2,4-Dinitrotoluene	6670	0	5940	89	75-125
Pentachlorophenol	13300	0	6040	45 *	75-125
Pyrene	6670	0	5940	89	75-125

(1) N-Nitroso-di-n-propylamine

* Values outside of QC limits

Spike Recovery: 10 out of 11 outside limits

COMMENTS: SBLK99 JOB2112 SS4631A
AUTOSAMPLER I50Y

3F

SOIL PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: RECRA ENVIRON Contract: _____Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201DMatrix Spike - EPA Sample No.: S0201 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC LIMITS REC.
gamma-BHC (Lindane)	57.8	0	28.4	49	46-127
Heptachlor	57.8	0	45.2	78	35-130
Aldrin	57.8	0	35.1	61	34-132
Dieldrin	144	0	74.9	52	31-134
Endrin	144	0	109	76	42-139
4,4'-DDT	144	0	82.8	58	23-134

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	REC.
gamma-BHC (Lindane)	57.8	6.59	11 *	127 *	50	46-127
Heptachlor	57.8	10.0	17 *	128 *	31	35-130
Aldrin	57.8	11.1	19 *	105 *	43	34-132
Dieldrin	144	19.2	13 *	120 *	38	31-134
Endrin	144	28.1	20 *	117 *	45	42-139
4,4'-DDT	144	20.6	14 *	122 *	50	23-134

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 6 out of 6 outside limitsSpike Recovery: 6 out of 12 outside limits

COMMENTS:

3F

SOIL PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: RECRA ENVIRON Contract: _____Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201DMatrix Spike - EPA Sample No.: SO201RE Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC LIMITS REC.
gamma-BHC (Lindane)	58.7	0	58.5	100	46-127
Heptachlor	58.7	0	55.0	94	35-130
Aldrin	58.7	0	46.8	80	34-132
Dieldrin	147	0	120	82	31-134
Endrin	147	0	158	108	42-139
4,4'-DDT	147	0	152	103	23-134

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS	
					RPD	REC.
gamma-BHC (Lindane)	57.8	57.6	100	0	50	46-127
Heptachlor	57.8	52.7	91	3	31	35-130
Aldrin	57.8	47.1	81	-1	43	34-132
Dieldrin	144	116	81	1	38	31-134
Endrin	144	154	107	1	45	42-139
4,4'-DDT	144	149	104	-1	50	23-134

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 6 outside limitsSpike Recovery: 0 out of 12 outside limits

COMMENTS:

3F
SOIL PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

158

Lab Name: RECRA ENVIRON Contract: _____
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D
 Matrix Spike - EPA Sample No.: TP201 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC LIMITS REC.
=====	=====	=====	=====	=====	=====
gamma-BHC (Lindane) _____	58.0	0	49.8	86	46-127
Heptachlor _____	58.0	0	42.9	74	35-130
Aldrin _____	58.0	0	53.3	92	34-132
Dieldrin _____	145	0	111	77	31-134
Endrin _____	145	0	158	109	42-139
4,4'-DDT _____	145	0	126	87	23-134

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD REC.
=====	=====	=====	=====	=====	=====
gamma-BHC (Lindane) _____	56.7	61.1	108	-23	50 46-127
Heptachlor _____	56.7	49.0	86	-15	31 35-130
Aldrin _____	56.7	60.4	106	-14	43 34-132
Dieldrin _____	142	137	96	-22	38 31-134
Endrin _____	142	188	132	-19	45 42-139
4,4'-DDT _____	142	152	107	-21	50 23-134

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 6 outside limits
 Spike Recovery: 0 out of 12 outside limits

COMMENTS:

HEPTACHLOR SPIKE RECOVERY QUANTIFIED FROM DB1701 COLUMN.

3G
SOIL PESTICIDE MATRIX SPIKE BLANK RECOVERY

159

Lab Name: RECRA ENVIRONMENTAL, INC.

Contract: _____

Lab Code: RECNY Case No.: 3603

SAS No.: _____ SDG No.: SS201D

Matrix Spike Blank ID: MSB02

Vial #: SS4630

COMPOUND	SPIKE ADDED (ug/L)	MSB CONCENTRATION (ug/L)	MSB % REC #	QC LIMITS REC.
Lindane	53.5	21	39 *	75-125
Heptachlor	53.5	22	41 *	75-125
Aldrin	53.5	18	34 *	75-125
Dieldrin	133	48	36 *	75-125
Endrin	133	67	50 *	75-125
4,4' DDT	133	56	42 *	75-125

* Values outside of QC limits

Spike Recovery: 6 out of 6 outside limits

COMMENTS: _____

EC. 3603

3G
SOIL PESTICIDE MATRIX SPIKE BLANK RECOVERY

160 -

Lab Name: RECRA ENVIRONMENTAL, INC.

Contract: _____

Lab Code: RECNY Case No. : 3603

SAS No. : _____ SDG No.: SS201D

Matrix Spike Blank ID: MSB02RE

Vial #: SS4630A

COMPOUND	SPIKE ADDED (ug/L)	MSB CONCENTRATION (ug/L)	MSB % REC	QC LIMITS REC.
Lindane	53.5	51	95	75-125
Heptachlor	53.5	46	86	75-125
Aldrin	53.5	41	77	75-125
Dieldrin	133	110	83	75-125
Endrin	133	140	105	75-125
4,4' DDT	133	140	105	75-125

* Values outside of QC limits

Spike Recovery: 0 out of 6 outside limits

COMMENTS: Aldrin quantified from DB1701 Column

EC.3603A

3G
SOIL PESTICIDE MATRIX SPIKE BLANK RECOVERY

161

Lab Name: RECRA ENVIRONMENTAL, INC.

Contract: @

Lab Code: RECNY Case No.: 3603

SAS No.: SDG No.: SS201D

Matrix Spike Blank ID: MSB03

Vial #: SS4657

COMPOUND	SPIKE ADDED (ug/L)	MSB CONCENTRATION (ug/L)	MSB % REC #	QC LIMITS REC.
Lindane	53.5	49	92	75-125
Heptachlor	53.5	39	73 *	75-125
Aldrin	53.5	48	90	75-125
Dieldrin	133	110	83	75-125
Endrin	133	140	105	75-125
4,4' DDT	133	110	83	75-125

* Values outside of qc limits

Spike Recovery: 1 out of 6 outside limits

COMMENTS: Heptachlor quantified from DB1701 column

EC3603.B

DOH Method 310-13

QUALITY CONTROL INFORMATION - ACCURACY
AQUEOUS MATRIX

PARAMETER	SAMPLE IDENTIFICATION	ug OF SPIKE	MATRIX SPIKE % RECOVERY	MATRIX SPIKE DUPLICATE % RECOVERY
Petroleum Products	SS-201S	2000	MI	MI

MI = Percent Recovery could not be calculated due to matrix interference.

I.D. #91-2112



RECRA ENVIRONMENTAL, INC.

5A
SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

Lab Name: RECRA ENVIRONMENTAL INC.

Contract: NY91-820

SO201S

Lab Code: RECNY

Case No.: 3603-

SAS No.:

SDG No.: 33201D

Matrix: SOIL

Level (low/med): LOW

Solids for Sample: -90.0

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

Analyte	Control Limit %R	Spiked Sample Result (SSR) C	Sample Result (SR) C	Spike Added (SA)	%R	Q	M
Aluminum							NR
Antimony	75-125	1.0893	1.1111	10.89	0.0	N	F
Arsenic	75-125	6.5359	4.4016	8.71	24.5	N	F
Barium	75-125	320.9534	84.9211	440.04	53.6	N	P
Beryllium	75-125	5.8378	1.0893	11.00	53.1	N	P
Cadmium	75-125	4.1292	1.0893	11.00	37.5	N	P
Calcium							NR
Chromium	75-125	44.4444	23.0937	44.00	48.5	N	A
Cobalt	75-125	65.5518	10.9488	110.01	49.6	N	P
Copper	75-125	39.0759	11.6161	55.01	49.9	N	P
Iron							NR
Lead	75-125	111.1111	32.0000	108.93	72.6	N	F
Magnesium							NR
Manganese		955.1743	473.7142	110.01	437.7		P
Mercury	75-125	2.4063	0.0966	2.42	99.4		CV
Nickel	75-125	83.6156	23.2039	110.01	54.9	N	P
Potassium							NR
Selenium	75-125	1.0893	11.1111	2.18	0.0	N	F
Silver	75-125	5.9406	1.7429	11.00	38.2	N	A
Sodium							NR
Thallium	75-125	7.4074	1.1111	10.89	68.0	N	F
Vanadium	75-125	82.4495	25.7407	110.01	51.5	N	P
Zinc	75-125	95.9296	72.7669	110.01	21.1	N	A
Cyanide	75-125	54.5556	1.1111	55.56	98.2		C

Comments:

U.S. EPA - CLP

5A
SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

ab Name: RECRA_ENVIRONMENTAL_INC._

Contract: NY91-820_

TP201S

ab Code: RECNY_

Case No.: 3603-

SAS No.: _

SDG No.: 33201D

Matrix: _SOIL_

Level (low/med): _LOW_

Solids for Sample: -91.0

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

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum-									NR
Antimony-	75-125	1.0989	U	1.1100	U	10.99	0.0	N	F
Arsenic	75-125	7.9121		4.8840		8.79	34.4	N	F
Barium	75-125	335.6134		73.2399		448.53	58.5	N	P
Beryllium	75-125	5.8982		1.0566	U	11.21	52.6	N	P
Cadmium	75-125	1.1588		1.0566	U	11.21	10.3	N	P
Calcium									NR
Chromium	75-125	39.5454		14.8113		44.85	55.1	N	P
Cobalt	75-125	63.6241		6.6378	B	112.13	50.8	N	P
Copper	75-125	40.2034		8.4780		56.07	56.6	N	P
Iron									NR
Lead	75-125	92.3077		15.3180		109.89	70.1	N	F
Magnesium									NR
Manganese	75-125	887.8150		370.8318		112.13	461.1	N	P
Mercury	75-125	2.3727		0.0999	U	2.39	99.3		CV
Nickel	75-125	83.8679		17.1038		112.13	59.5	N	P
Potassium									NR
Selenium	75-125	1.9780		1.1100	U	2.20	89.9		F
Silver	75-125	9.4192		6.1285		11.21	29.4	N	A
Sodium									NR
Thallium-	75-125	5.9341		1.1100	U	10.99	54.0	N	F
Vanadium-	75-125	79.9132		22.4527		112.13	51.2	N	P
Zinc	75-125	101.6445		51.0822		112.13	45.1	N	P
Cyanide	75-125	53.6044		1.0774		54.95	97.6		C

Comments:

U.S. EPA - CLP

5B
POST DIGEST SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

Lab Name: RECRA_ENVIRONMENTAL_INC._ Contract: NY91-820_

SO201A

Lab Code: RECNY_ Case No.: 3603_ SAS No.: _____ SDG No.: 33201D

Matrix: SOIL_ Level (low/med): LOW_

Concentration Units: ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Added (SA)	%R	Q	M
Aluminum									NR
Antimony									NR
Arsenic									NR
Barium		10106.07		389.79		10000.0	97.2		P
Beryllium		3541.33		5.00	U	4000.0	88.5		P
Cadmium		4563.80		5.00	U	5000.0	91.3		P
Calcium									NR
Chromium		578.00		106.00		500.0	94.4		A
Cobalt		9407.53		50.26		10000.0	93.6		P
Copper		9686.60		53.32		10000.0	96.3		P
Iron									NR
Lead									NR
Magnesium									NR
Manganese									NR
Mercury									NR
Nickel		9455.80		106.51		10000.0	93.5		P
Potassium									NR
Selenium									NR
Silver		483.00		8.00	B	500.0	95.0		A
Sodium									NR
Thallium									NR
Vanadium		10994.27		118.15		10000.0	108.8		P
Zinc		742.00		334.00		500.0	81.		A
Cyanide									NR

Comments:

U.S. EPA -- CLP

^{5B}
 POST DIGEST SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

Lab Name: RECRA_ENVIRONMENTAL_INC._ Contract: NY91-820_

TP201A

Lab Code: RECNY_ Case No.: 3603 - SAS No.: _____ SDG No.: 33201D

Matrix: SOIL

Level (low/med): LOW

Concentration Units: ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR) C	Sample Result (SR) C	Added (SA)	%R	Q	M
Aluminum							NR
Antimony							NR
Arsenic							NR
Barium		9903.47	346.57	10000.0	95.6		P
Beryllium		3423.87	5.00	4000.0	85.6		P
Cadmium		4463.93	5.00	5000.0	89.3		P
Calcium							NR
Chromium		10410.13	70.09	10000.0	103.4		P
Cobalt		9034.03	31.41	10000.0	90.0		P
Copper		9527.70	40.12	10000.0	94.9		P
Iron							NR
Lead							NR
Magnesium							NR
Manganese		10951.03	1754.78	10000.0	92.0		P
Mercury --							NR
Nickel		9113.60	80.94	10000.0	90.3		P
Potassium							NR
Selenium							NR
Silver		428.00	29.00	500.0	79.8		A
Sodium							NR
Thallium							NR
Vanadium		10642.60	106.25	10000.0	105.4		P
Zinc		8956.77	241.72	10000.0	87.2		P
Cyanide							NR

Comments:

U.S. EPA - CLP

6
DUPLICATES

EPA SAMPLE NO.

SO201D

Lab Name: RECRA_ENVIRONMENTAL_INC. Contract: NY91-820

Lab Code: RECNY Case No.: 3603- SAS No.: SDG No.: 33201D

Matrix (soil/water): SOIL- Level (low/med): -LOW-

% Solids for Sample: 90.0 % Solids for Duplicate: 90.0

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

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		19355.5556		14466.4466		28.9	*	A
Antimony		1.1111	U	1.1111	U			F
Arsenic	2.2	4.4016		5.4018		20.4		F
Barium	43.6	84.9211		90.0246		5.8		P
Beryllium		1.0893	U	1.1001	U			P
Cadmium		1.0893	U	1.1001	U			P
Calcium		13299.7614		7287.0691		58.4	*	P
Chromium		23.0937		24.6425		6.5		A
Cobalt	10.9	10.9488		12.0356		9.5		P
Copper	5.4	11.6161		10.9866		5.6		P
Iron		23863.8534		24352.6286		2.0		P
Lead		32.0000		32.4444		1.4		F
Magnesium	1089.3	7140.3185		5384.3861		28.0	*	P
Manganese		473.7142		606.3710		24.6	*	P
Mercury		0.0966	U	0.0966	U			CV
Nickel	8.7	23.2039		24.8392		6.8		P
Potassium	1089.3	1454.2484		1381.7382		5.1		A
Selenium		11.1111	U	11.1111	U			F
Silver		1.7429	B	1.1001	U	200.0		A
Sodium		273.1207	B	244.0612	B	11.2		P
Thallium		1.1111	U	1.1111	U			F
Vanadium	10.9	25.7407		29.3094		13.0		P
Zinc		72.7669		78.1078		7.1		A
Cyanide		1.1111	U	1.1056	U			C

FORM VI - IN

3/90

U.S. EPA - CLP

6
DUPLICATES

EPA SAMPLE NO.

TP201D

Lab Name: RECRA-ENVIRONMENTAL-INC.- Contract: NY91-820__

Lab Code: RECNY_ Case No.: 3603- SAS No.: _____ SDG No.: 33201D

Matrix (soil/water): SOIL- Level (low/med): _LOW-

% Solids for Sample: _91.0 % Solids for Duplicate: __91.0

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

Analyte	Control Limit	Sample (S) C	Duplicate (D) C	RPD	Q	M
Aluminum		13072.4260	12455.6105	4.8		P
Antimony		1.1100	1.0880			F
Arsenic	2.2	4.8840	4.5697	6.6		F
Barium	42.3	73.2399	73.1105	0.2		P
Beryllium		1.0566	1.0989			P
Cadmium		1.0566	1.0989			P
Calcium		15321.2172	16923.0769	9.9		A
Chromium		14.8113	13.5171	9.1		P
Cobalt		6.6378	6.0407	9.4		P
Copper	5.3	8.4780	9.8481	15.0		P
Iron		16867.5818	18729.3578	10.5		P
Lead		15.3180	15.2323	0.6		F
Magnesium		5993.9119	5611.1018	6.6		P
Manganese		370.8318	250.0026	38.9	*	P
Mercury		0.0999	0.0956			C $\bar{V}$
Nickel	8.5	17.1038	14.5112	16.4		P
Potassium	1056.6	1275.5792	1156.6822	9.8		P
Selenium		1.1100	1.0880			F
Silver	2.1	6.1285	4.8352	23.6		A
Sodium		217.8802	229.8163	5.3		P
Thallium		1.1100	1.0880			F
Vanadium	10.6	22.4527	21.7813	3.0		P
Zinc		51.0822	48.8851	4.4		P
Cyanide		1.0774	1.0880			C

FORM VI - IN

3/90

4A
VOLATILE METHOD BLANK SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-820
 Lab Code: RECNY Case No.: 3603 SAS No.: SDG No.: SS201D
 Lab File ID: H5556 Lab Sample ID: VBLK45
 Date Analyzed: 08/03/91 Time Analyzed: 1244
 Matrix: (soil/water) SOIL Level: (low/med) LOW
 Instrument ID: I50H

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	MSBLANK1	MSBLANK1	H5555	1157
02	SO201	SO201	H5566	1913
03	SS201D	SS201D	H5561	1604
04	SS202D	SS202D	H5562	1641
05	SS202S	SS202S	H5559	1446
06	SS203D	SS203D	H5563	1719
07	SS203S	SS203S	H5569	2107
08	SS203SDUP	SS203SDUP	H5570	2145
09	SS204D	SS204D	H5564	1757
10	SO201MS	SO201MS	H5567	1951
11	SO201MSD	SO201MSD	H5568	2029

COMMENTS: VBLK45

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK45

ab Name: RECRA ENVIRONContract: NY91-820Lab Code: RECNYCase No.: 3603

SAS No.: _____

SDG No.: SS201DMatrix: (soil/water) SOILLab Sample ID: VBLK45Sample wt/vol: 5.0 (g/mL) GLab File ID: H5556Level: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____

Date Analyzed: 08/03/91Column: (pack/cap) PACKDilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
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	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	4	J
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene		
100-42-5	Styrene		
1330-20-7	Total Xylenes		

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK45

Lab Name: RECRA ENVIRON Contract: NY91-820
Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D
Matrix: (soil/water) SOIL Lab Sample ID: VBLK45
Sample wt/vol: 5.0 (g/mL) G Lab File ID: H5556
Level: (low/med) LOW Date Received: _____
% Moisture: not dec. _____ Date Analyzed: 08/03/91
Column (pack/cap) PACK Dilution Factor: 1.0

Number TICs found: 0CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

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

4A
VOLATILE METHOD BLANK SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-820
Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D
Lab File ID: H5576 Lab Sample ID: VBLK46
Date Analyzed: 08/05/91 Time Analyzed: 1121
Matrix: (soil/water) SOIL Level: (low/med) LOW
Instrument ID: I50H

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	S0202	S0202	H5581	1432
02	SS202SDUP	SS202SDUP	H5582	1510
03	SS202SDUPDL	SS202SDUPDL	H5589	1937
04	SS204S	SS204S	H5583	1548

COMMENTS: VBLK46
I50H

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK46

Lab Name: RECRA ENVIRON Contract: NY91-820

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D

Matrix: (soil/water) SOIL Lab Sample ID: VBLK46

Sample wt/vol: 5.0 (g/mL) G Lab File ID: H5576

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 08/05/91

Column: (pack/cap) PACK Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) <u>UG/KG</u>	<u>Q</u>
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	U
67-64-1	-----Acetone	10	U
75-15-0	-----Carbon Disulfide	5	U
75-35-4	-----1,1-Dichloroethene	5	U
75-34-3	-----1,1-Dichloroethane	5	U
540-59-0	-----1,2-Dichloroethene (total)	5	U
67-66-3	-----Chloroform	5	U
107-06-2	-----1,2-Dichloroethane	5	U
78-93-3	-----2-Butanone	10	U
71-55-6	-----1,1,1-Trichloroethane	2	J
56-23-5	-----Carbon Tetrachloride	5	U
108-05-4	-----Vinyl Acetate	10	U
75-27-4	-----Bromodichloromethane	5	U
78-87-5	-----1,2-Dichloropropane	5	U
10061-01-5	-----cis-1,3-dichloropropene	5	U
79-01-6	-----Trichloroethene	5	U
124-48-1	-----Dibromochloromethane	5	U
79-00-5	-----1,1,2-Trichloroethane	5	U
71-43-2	-----Benzene	5	U
10061-02-6	-----trans-1,3-dichloropropene	5	U
75-25-2	-----Bromoform	5	U
108-10-1	-----4-Methyl-2-Pentanone	10	U
591-78-6	-----2-Hexanone	10	U
127-18-4	-----Tetrachloroethene	5	U
79-34-5	-----1,1,2,2-Tetrachloroethane	5	U
108-88-3	-----Toluene	5	U
108-90-7	-----Chlorobenzene	5	U
100-41-4	-----Ethylbenzene	5	U
100-42-5	-----Styrene	5	U
1330-20-7	-----Total Xylenes	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK46

Lab Name: RECRA ENVIRON Contract: NY91-820Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201DMatrix: (soil/water) SOILLab Sample ID: VBLK46Sample wt/vol: 5.0 (g/mL) GLab File ID: H5576Level: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____

Date Analyzed: 08/05/91Column (pack/cap) PACKDilution Factor: 1.0Number TICs found: 0CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

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

4A
VOLATILE METHOD BLANK SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-820
 Lab Code: RECNY Case No.: 3603 SAS No.: SDG No.: SS201D
 Lab File ID: E2736 Lab Sample ID: VBLK05
 Date Analyzed: 08/05/91 Time Analyzed: 1900
 Matrix: (soil/water) SOIL Level: (low/med) MED
 Instrument ID: 51E

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	MSBLANK2	MSBLANK2	E2735	1825
02	SS201S	SS201S	E2745	0000
03	SS201SMS	SS201SMS	E2746	0041
04	SS201SMSD	SS201SMSD	E2747	0121

COMMENTS: VBLK05
51E

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK05

Lab Name: RECRA ENVIRON Contract: NY91-820

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D

Matrix: (soil/water) SOIL Lab Sample ID: VBLK05

Sample wt/vol: 4.0 (g/mL) G Lab File ID: E2736

Level: (low/med) MED Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 08/05/91

Column: (pack/cap) PACK Dilution Factor: 1.0

CONCENTRATION UNITS:

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

74-87-3-----	Chloromethane	1200	U
74-83-9-----	Bromomethane	1200	U
75-01-4-----	Vinyl Chloride	1200	U
75-00-3-----	Chloroethane	1200	U
75-09-2-----	Methylene Chloride	620	U
67-64-1-----	Acetone	1200	U
75-15-0-----	Carbon Disulfide	620	U
75-35-4-----	1,1-Dichloroethene	620	U
75-34-3-----	1,1-Dichloroethane	620	U
540-59-0-----	1,2-Dichloroethene (total)	620	U
67-66-3-----	Chloroform	620	U
107-06-2-----	1,2-Dichloroethane	620	U
78-93-3-----	2-Butanone	1200	U
71-55-6-----	1,1,1-Trichloroethane	620	U
56-23-5-----	Carbon Tetrachloride	620	U
108-05-4-----	Vinyl Acetate	1200	U
75-27-4-----	Bromodichloromethane	620	U
78-87-5-----	1,2-Dichloropropane	620	U
10061-01-5-----	cis-1,3-dichloropropene	620	U
79-01-6-----	Trichloroethene	620	U
124-48-1-----	Dibromochloromethane	620	U
79-00-5-----	1,1,2-Trichloroethane	620	U
71-43-2-----	Benzene	620	U
10061-02-6-----	trans-1,3-dichloropropene	620	U
75-25-2-----	Bromoform	620	U
108-10-1-----	4-Methyl-2-Pentanone	1200	U
591-78-6-----	2-Hexanone	1200	U
127-18-4-----	Tetrachloroethene	620	U
79-34-5-----	1,1,2,2-Tetrachloroethane	620	U
108-88-3-----	Toluene	620	U
108-90-7-----	Chlorobenzene	620	U
100-41-4-----	Ethylbenzene	620	U
100-42-5-----	Styrene	620	U
1330-20-7-----	Total Xylenes	620	U

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK05

Lab Name: RECRA ENVIRON Contract: NY91-820
Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D
Matrix: (soil/water) SOIL Lab Sample ID: VBLK05
Sample wt/vol: 4.0 (g/mL) G Lab File ID: E2736
Level: (low/med) MED Date Received: _____
% Moisture: not dec. _____ Date Analyzed: 08/05/91
Column (pack/cap) PACK Dilution Factor: 1.0

Number TICs found: 0

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

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

4A
VOLATILE METHOD BLANK SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-820
 Lab Code: RECNY Case No.: 3603 SAS No.: SDG No.: SS201D
 Lab File ID: H5629 Lab Sample ID: VBLK49
 Date Analyzed: 08/06/91 Time Analyzed: 2259
 Matrix: (soil/water) SOIL Level: (low/med) LOW
 Instrument ID: I50H

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO. =====	LAB SAMPLE ID =====	LAB FILE ID =====	TIME ANALYZED =====
01	MSBLANK3	MSBLANK3	H5628	2224
02	TP201	TP201	H5630	2336
03	TP202	TP202	H5634	0208
04	TP203	TP203	H5635	0248
05	TP204	TP204	H5631	0014
06	TP205	TP205	H5636	0326
07	TP206	TP206	H5637	0404
08	TP201MS	TP201MS	H5632	0052
09	TP201MSD	TP201MSD	H5633	0130

COMMENTS: VBLK49
I50H

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK49

Lab Name: RECRA ENVIRON Contract: NY91-820

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D

Matrix: (soil/water) SOIL Lab Sample ID: VBLK49

Sample wt/vol: 5.0 (g/mL) G Lab File ID: H5629

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 08/06/91

Column: (pack/cap) PACK Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
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	2	J
67-64-1	Acetone	10	
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Total Xylenes	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK49

Lab Name: RECRA ENVIRON Contract: NY91-820Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201DMatrix: (soil/water) SOILLab Sample ID: VBLK49Sample wt/vol: 5.0 (g/mL) GLab File ID: H5629Level: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____

Date Analyzed: 08/06/91Column (pack/cap) PACKDilution Factor: 1.0Number TICs found: 0CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

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

4A
VOLATILE METHOD BLANK SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-820
Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D
Lab File ID: G9856 Lab Sample ID: VBLK25
Date Analyzed: 08/07/91 Time Analyzed: 1138
Matrix: (soil/water) WATER Level: (low/med) LOW
Instrument ID: I50G

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	TRIPBLANK	TRIPBLANK	G9858	1300
02	VHB	VHB	G9859	1339

COMMENTS: VBLK25
I50G

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK25

Lab Name: RECRA ENVIRON Contract: NY91-820Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201DMatrix: (soil/water) WATERLab Sample ID: VBLK25Sample wt/vol: 5.0 (g/mL) MLLab File ID: G9856Level: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____

Date Analyzed: 08/07/91Column: (pack/cap) PACKDilution Factor: 1.0

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	U
67-64-1-----	Acetone	10	U
75-15-0-----	Carbon Disulfide	5	U
75-35-4-----	1,1-Dichloroethene	5	U
75-34-3-----	1,1-Dichloroethane	5	U
540-59-0-----	1,2-Dichloroethene (total)	5	U
67-66-3-----	Chloroform	5	U
107-06-2-----	1,2-Dichloroethane	5	U
78-93-3-----	2-Butanone	10	U
71-55-6-----	1,1,1-Trichloroethane	5	U
56-23-5-----	Carbon Tetrachloride	5	U
108-05-4-----	Vinyl Acetate	10	U
75-27-4-----	Bromodichloromethane	5	U
78-87-5-----	1,2-Dichloropropane	5	U
10061-01-5-----	cis-1,3-dichloropropene	5	U
79-01-6-----	Trichloroethene	5	U
124-48-1-----	Dibromochloromethane	5	U
79-00-5-----	1,1,2-Trichloroethane	5	U
71-43-2-----	Benzene	5	U
10061-02-6-----	trans-1,3-dichloropropene	5	U
75-25-2-----	Bromoform	5	U
108-10-1-----	4-Methyl-2-Pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	5	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5	U
108-88-3-----	Toluene	5	U
108-90-7-----	Chlorobenzene	5	U
100-41-4-----	Ethylbenzene	5	U
100-42-5-----	Styrene	5	U
1330-20-7-----	Total Xylenes	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK25

Lab Name: RECRA ENVIRON Contract: NY91-820
Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D
Matrix: (soil/water) WATER Lab Sample ID: VBLK25
Sample wt/vol: 5.0 (g/mL) ML Lab File ID: G9856
Level: (low/med) LOW Date Received: _____
8 Moisture: not dec. _____ Date Analyzed: 08/07/91
Column (pack/cap) PACK Dilution Factor: 1.0

Number TICs found: 0CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

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

4B
SEMIVOLATILE METHOD BLANK SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-820
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D
 Lab File ID: 8639Y Lab Sample ID: SBLK95
 Date Extracted: 08/07/91 Extraction: (SepF/Cont/Sonc) SONC
 Date Analyzed: 08/23/91 Time Analyzed: 1426
 Matrix: (soil/water) SOIL Level: (low/med) LOW
 Instrument ID: I50Y

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	SO201	SO201	8631Y	08/22/91
02	SO202	SO202	8632Y	08/22/91
03	SS201D	SS201D	8629Y	08/22/91
04	SS201S	SS201S	8649Y	08/23/91
05	SS201SDL	SS201SDL	8661Y	08/24/91
06	SS201SRE	SS201SRE	8666Y	08/25/91
07	SS202D	SS202D	8612Y	08/21/91
08	SS202SDUP	SS202SDUP	8615Y	08/21/91
09	SS203D	SS203D	8613Y	08/21/91
10	SS203S	SS203S	8642Y	08/23/91
11	SS203SDUP	SS203SDUP	8662Y	08/24/91
12	SS204D	SS204D	8614Y	08/21/91
13	SS204DRE	SS204DRE	8630Y	08/22/91
14	SO201MS	SO201MS	8640Y	08/23/91
15	SO201MSD	SO201MSD	8641Y	08/23/91

COMMENTS: SBLK95 JOB2112/2113/2109 SS4622
AUTOSAMPLR I50Y

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 185

SBLK95

Lab Name: RECRA ENVIRON Contract: NY91-820
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D
 Matrix: (soil/water) SOIL Lab Sample ID: SBLK95
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: 8639Y
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. _____ dec. _____ Date Extracted: 08/07/91
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/23/91
 GPC Cleanup: (Y/N) Y pH: 7.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
108-95-2	Phenol	470	J
111-44-4	bis(2-Chloroethyl) Ether	660	U
95-57-8	2-Chlorophenol	660	U
541-73-1	1,3-Dichlorobenzene	660	U
106-46-7	1,4-Dichlorobenzene	660	U
100-51-6	Benzyl Alcohol	660	U
95-50-1	1,2-Dichlorobenzene	660	U
95-48-7	2-Methylphenol	660	U
108-60-1	bis(2-Chloroisopropyl) Ether	660	U
106-44-5	4-Methylphenol	660	U
621-64-7	N-Nitroso-Di-n-Propylamine	660	U
67-72-1	Hexachloroethane	660	U
98-95-3	Nitrobenzene	660	U
78-59-1	Isophorone	660	U
88-75-5	2-Nitrophenol	660	U
105-67-9	2,4-Dimethylphenol	660	U
65-85-0	Benzoic Acid	3200	U
111-91-1	bis(2-Chloroethoxy) Methane	660	U
120-83-2	2,4-Dichlorophenol	660	U
120-82-1	1,2,4-Trichlorobenzene	660	U
91-20-3	Naphthalene	660	U
106-47-8	4-Chloroaniline	660	U
87-68-3	Hexachlorobutadiene	660	U
59-50-7	4-Chloro-3-Methylphenol	660	U
91-57-6	2-Methylnaphthalene	660	U
77-47-4	Hexachlorocyclopentadiene	660	U
88-06-2	2,4,6-Trichlorophenol	660	U
95-95-4	2,4,5-Trichlorophenol	3200	U
91-58-7	2-Chloronaphthalene	660	U
88-74-4	2-Nitroaniline	3200	U
131-11-3	Dimethyl Phthalate	660	U
208-96-8	Acenaphthylene	660	
606-20-2	2,6-Dinitrotoluene	660	

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. **186**

SBLK95

Lab Name: RECRA ENVIRON Contract: NY91-820
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D
 Matrix: (soil/water) SOIL Lab Sample ID: SBLK95
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: 8639Y
 Level: (low/med) LOW Date Received: _____
 ‡ Moisture: not dec. _____ dec. _____ Date Extracted: 08/07/91
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/23/91
 GPC Cleanup: (Y/N) Y pH: 7.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2-----	3-Nitroaniline	3200	U
83-32-9-----	Acenaphthene	660	U
51-28-5-----	2,4-Dinitrophenol	3200	U
100-02-7-----	4-Nitrophenol	3200	U
132-64-9-----	Dibenzofuran	660	U
121-14-2-----	2,4-Dinitrotoluene	660	U
84-66-2-----	Diethylphthalate	660	U
7005-72-3-----	4-Chlorophenyl-phenylether	660	U
86-73-7-----	Fluorene	660	U
100-01-6-----	4-Nitroaniline	3200	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	3200	U
86-30-6-----	N-Nitrosodiphenylamine (1)	660	U
101-55-3-----	4-Bromophenyl-phenylether	660	U
118-74-1-----	Hexachlorobenzene	660	U
87-86-5-----	Pentachlorophenol	3200	U
85-01-8-----	Phenanthrene	660	U
120-12-7-----	Anthracene	660	U
84-74-2-----	Di-n-Butylphthalate	660	U
206-44-0-----	Fluoranthene	660	U
129-00-0-----	Pyrene	660	U
85-68-7-----	Butylbenzylphthalate	660	U
91-94-1-----	3,3'-Dichlorobenzidine	1300	U
56-55-3-----	Benzo(a)Anthracene	660	U
218-01-9-----	Chrysene	660	U
117-81-7-----	Bis(2-Ethylhexyl)Phthalate	660	U
117-84-0-----	Di-n-Octyl Phthalate	660	U
205-99-2-----	Benzo(b)Fluoranthene	660	U
207-08-9-----	Benzo(k)Fluoranthene	660	U
50-32-8-----	Benzo(a)Pyrene	660	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	660	U
53-70-3-----	Dibenz(a,h)Anthracene	660	U
191-24-2-----	Benzo(g,h,i)Perylene	660	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA Sample No.: SBLK95

Contract: NY91-820

SDG No.: SS201

Lab Sample ID.: SBLK95

Lab File ID.: 8639Y

Date Received:

Date Extracted: 08/07/91

Date Analyzed: 08/23/91

Dilution Factor: 1.0

Concentration Units:
(ug/L or ug/Kg) UG/KG

Lab Name: RECRA ENVIRONMENTAL, INC.

Lab Code: RECNY Case No: 3603 SAS No.:

Matrix (Soil/Water): SOIL

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

Level (low/med): LOW

% Moisture not Dec: Dec:

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

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

Number TICs Found: 2

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	UNKNOWN	5.03	1200	J
2	98-86-2	8.42	580	J
3				
4				
5				
6				
7				
8				
9				
10				
11				
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30				

4B
SEMIVOLATILE METHOD BLANK SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-820
 Lab code: RECNY Case No.: 3603 SAS No.: SDG No.: SS201D
 Lab File ID: 8534Z Lab Sample ID: SBLK77
 Date Extracted: 08/09/91 Extraction: (SepF/Cont/Sonc) SONC
 Date Analyzed: 08/23/91 Time Analyzed: 1753
 Matrix: (soil/water) SOIL Level: (low/med) LOW
 Instrument ID: I50Z

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	MSBLANK1	MSBLANK1	8535Z	08/23/91
02	TP201	TP201	8536Z	08/23/91
03	TP204	TP204	8539Z	08/23/91
04	TP201MS	TP201MS	8537Z	08/23/91
05	TP201MSD	TP201MSD	8538Z	08/23/91

ZOMMENTS: SBLK77 JOB2143 884656
AUTOSAMPLR I50Z

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

189
EPA SAMPLE NO.

SBLK77

Lab Name: RECRA ENVIRON Contract: NY91-820

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D

Matrix: (soil/water) SOIL Lab Sample ID: SBLK77

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 85342

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ dec. _____ Date Extracted: 08/09/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/23/91

GPC Cleanup: (Y/N) Y pH: 7.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
108-95-2-----	Phenol	660	U
111-44-4-----	bis(2-Chloroethyl) Ether	660	U
95-57-8-----	2-Chlorophenol	660	U
541-73-1-----	1,3-Dichlorobenzene	660	U
106-46-7-----	1,4-Dichlorobenzene	660	U
100-51-6-----	Benzyl Alcohol	660	U
95-50-1-----	1,2-Dichlorobenzene	660	U
95-48-7-----	2-Methylphenol	660	U
108-60-1-----	bis(2-Chloroisopropyl) Ether	660	U
106-44-5-----	4-Methylphenol	660	U
621-64-7-----	N-Nitroso-Di-n-Propylamine	660	U
67-72-1-----	Hexachloroethane	660	U
98-95-3-----	Nitrobenzene	660	U
78-59-1-----	Isophorone	660	U
88-75-5-----	2-Nitrophenol	660	U
105-67-9-----	2,4-Dimethylphenol	660	U
65-85-0-----	Benzoic Acid	3200	U
111-91-1-----	bis(2-Chloroethoxy) Methane	660	U
120-83-2-----	2,4-Dichlorophenol	660	U
120-82-1-----	1,2,4-Trichlorobenzene	660	U
91-20-3-----	Naphthalene	660	U
106-47-8-----	4-Chloroaniline	660	U
87-68-3-----	Hexachlorobutadiene	660	U
59-50-7-----	4-Chloro-3-Methylphenol	660	U
91-57-6-----	2-Methylnaphthalene	660	U
77-47-4-----	Hexachlorocyclopentadiene	660	U
88-06-2-----	2,4,6-Trichlorophenol	660	U
95-95-4-----	2,4,5-Trichlorophenol	3200	U
91-58-7-----	2-Chloronaphthalene	660	U
88-74-4-----	2-Nitroaniline	3200	U
131-11-3-----	Dimethyl Phthalate	660	U
208-96-8-----	Acenaphthylene	660	U
606-20-2-----	2,6-Dinitrotoluene	660	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. -SBLK77 -Lab Name: RECRA ENVIRON Contract: NY91-820Lab Code: RECNY Case No.: 3603 SAS No.: SDG No.: SS201D -Matrix: (soil/water) SOIL Lab Sample ID: SBLK77 -Sample wt/vol: 30.0 (g/mL) G Lab File ID: 85342 -Level: (low/med) LOW Date Received: -% Moisture: not dec. dec. Date Extracted: 08/09/91 -Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/23/91 -GPC Cleanup: (Y/N) Y pH: 7.0 Dilution Factor: 1.0 -

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2-----	3-Nitroaniline	3200	U
83-32-9-----	Acenaphthene	660	U
51-28-5-----	2,4-Dinitrophenol	3200	U
100-02-7-----	4-Nitrophenol	3200	U
132-64-9-----	Dibenzofuran	660	U
121-14-2-----	2,4-Dinitrotoluene	660	U
84-66-2-----	Diethylphthalate	660	U
7005-72-3-----	4-Chlorophenyl-phenylether	660	U
86-73-7-----	Fluorene	660	U
100-01-6-----	4-Nitroaniline	3200	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	3200	U
86-30-6-----	N-Nitrosodiphenylamine (1)	660	U
101-55-3-----	4-Bromophenyl-phenylether	660	U
118-74-1-----	Hexachlorobenzene	660	U
87-86-5-----	Pentachlorophenol	3200	U
85-01-8-----	Phenanthrene	660	U
120-12-7-----	Anthracene	660	U
84-74-2-----	Di-n-Butylphthalate	660	U
206-44-0-----	Fluoranthene	660	U
129-00-0-----	Pyrene	660	U
85-68-7-----	Butylbenzylphthalate	660	U
91-94-1-----	3,3'-Dichlorobenzidine	1300	U
56-55-3-----	Benzo(a)Anthracene	660	U
218-01-9-----	Chrysene	660	U
117-81-7-----	Bis(2-Ethylhexyl)Phthalate	660	U
117-84-0-----	Di-n-Octyl Phthalate	660	U
205-99-2-----	Benzo(b)Fluoranthene	660	U
207-08-9-----	Benzo(k)Fluoranthene	660	U
50-32-8-----	Benzo(a)Pyrene	660	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	660	U
53-70-3-----	Dibenz(a,h)Anthracene	660	U
191-24-2-----	Benzo(g,h,i)Perylene	660	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

191

EPA Sample No. : SBLK77

Lab Name: RECRA ENVIRONMENTAL, INC.

Contract: NY91-820

Lab Code: RECNY Case No: 3603 SAS No.:

SDG No. : SS201

Matrix (Soil/Water): SOIL

Lab Sample ID.: SBLK77

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

Lab File ID. : 85342

Level (low/med): LOW

Date Received:

% Moisture not Dec: Dec:

Date Extracted: 08/09/91

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

Date Analyzed: 08/23/91

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

Dilution Factor: 1.0

Number TICs Found: 0

Concentration Units:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	SUSPECTED ALDOL COND.PRODUCT	4.92	570	JA
2				
3				
4				
5				
6				
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4B
SEMIVOLATILE METHOD BLANK SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-820
Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D
Lab File ID: 8685Y Lab Sample ID: SBLK99
Date Extracted: 08/23/91 Extraction: (SepF/Cont/Sonc) SONC
Date Analyzed: 08/29/91 Time Analyzed: 1409
Matrix: (soil/water) SOIL Level: (low/med) LOW
Instrument ID: I50Y

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	MSBLANK2	MSBLANK2	8686Y	08/29/91
02	SS202S	SS202S	8702Y	09/02/91
03	SS204S	SS204S	8703Y	09/02/91

COMMENTS: SBLK99 JOB2112 SS4631A
AUTOSAMPLR I50Y

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE **163**

SBLK99

Lab Name: RECRA ENVIRON Contract: NY91-820
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D
 Matrix: (soil/water) SOIL Lab Sample ID: SBLK99
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: 8685Y
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. _____ dec _____ Date Extracted: 08/23/91
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/29/91
 GPC Cleanup: (Y/N) Y pH: 7.0 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	Q
---------	----------	---

108-95-2-----	Phenol	660	U
111-44-4-----	bis(2-Chloroethyl) Ether	660	U
95-57-8-----	2-Chlorophenol	660	U
541-73-1-----	1,3-Dichlorobenzene	660	U
106-46-7-----	1,4-Dichlorobenzene	660	U
100-51-6-----	Benzyl Alcohol	660	U
95-50-1-----	1,2-Dichlorobenzene	660	U
95-48-7-----	2-Methylphenol	660	U
108-60-1-----	bis(2-Chloroisopropyl) Ether	660	U
106-44-5-----	4-Methylphenol	660	U
621-64-7-----	N-Nitroso-Di-n-Propylamine	660	U
67-72-1-----	Hexachloroethane	660	U
98-95-3-----	Nitrobenzene	660	U
78-59-1-----	Isophorone	660	U
88-75-5-----	2-Nitrophenol	660	U
105-67-9-----	2,4-Dimethylphenol	660	U
65-85-0-----	Benzoic Acid	3200	U
111-91-1-----	bis(2-Chloroethoxy) Methane	660	U
120-83-2-----	2,4-Dichlorophenol	660	U
120-82-1-----	1,2,4-Trichlorobenzene	660	U
91-20-3-----	Naphthalene	660	U
106-47-8-----	4-Chloroaniline	660	U
87-68-3-----	Hexachlorobutadiene	660	U
59-50-7-----	4-Chloro-3-Methylphenol	660	U
91-57-6-----	2-Methylnaphthalene	660	U
77-47-4-----	Hexachlorocyclopentadiene	660	U
88-06-2-----	2,4,6-Trichlorophenol	660	U
95-95-4-----	2,4,5-Trichlorophenol	3200	U
91-58-7-----	2-Chloronaphthalene	660	U
88-74-4-----	2-Nitroaniline	3200	U
131-11-3-----	Dimethyl Phthalate	660	U
208-96-8-----	Acenaphthylene	---	
606-20-2-----	2,6-Dinitrotoluene		

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: RECRA ENVIRON Contract: NY91-820

SBLK99

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201DMatrix: (soil/water) SOILLab Sample ID: SBLK99Sample wt/vol: 30.0 (g/mL) GLab File ID: 8685YLevel: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____ dec. _____

Date Extracted: 08/23/91Extraction: (SepF/Cont/Sonc) SONCDate Analyzed: 08/29/91GPC Cleanup: (Y/N) Y pH: 7.0Dilution Factor: 1.0

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

CAS NO.

COMPOUND

Q

99-09-2-----	3-Nitroaniline	3200	U
83-32-9-----	Acenaphthene	660	U
51-28-5-----	2,4-Dinitrophenol	3200	U
100-02-7-----	4-Nitrophenol	3200	U
132-64-9-----	Dibenzofuran	660	U
121-14-2-----	2,4-Dinitrotoluene	660	U
84-66-2-----	Diethylphthalate	660	U
7005-72-3-----	4-Chlorophenyl-phenylether	660	U
86-73-7-----	Fluorene	660	U
100-01-6-----	4-Nitroaniline	3200	U
534-52-1-----	4,6-Dinitro-2-methylphenol	3200	U
86-30-6-----	N-Nitrosodiphenylamine (1)	660	U
101-55-3-----	4-Bromophenyl-phenylether	660	U
118-74-1-----	Hexachlorobenzene	660	U
87-86-5-----	Pentachlorophenol	3200	U
85-01-8-----	Phenanthrene	660	U
120-12-7-----	Anthracene	660	U
84-74-2-----	Di-n-Butylphthalate	2100	
206-44-0-----	Fluoranthene	660	U
129-00-0-----	Pyrene	660	U
85-68-7-----	Butylbenzylphthalate	660	U
91-94-1-----	3,3'-Dichlorobenzidine	1300	U
56-55-3-----	Benzo(a)Anthracene	660	U
218-01-9-----	Chrysene	660	U
117-81-7-----	Bis(2-Ethylhexyl)Phthalate	660	U
117-84-0-----	Di-n-Octyl Phthalate	660	U
205-99-2-----	Benzo(b)Fluoranthene	660	U
207-08-9-----	Benzo(k)Fluoranthene	660	U
50-32-8-----	Benzo(a)Pyrene	660	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	660	U
53-70-3-----	Dibenz(a,h)Anthracene	660	U
191-24-2-----	Benzo(g,h,i)Perylene		U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

195

EPA Sample No.: SBLK99

Lab Name: RECRA ENVIRONMENTAL, INC.

Contract: NY91-820

Lab Code: RECNY

Case No: 3603

SAS No.:

SDG No.: SS201

Matrix (Soil/Water): SOIL

Lab Sample ID.: SBLK99

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

Lab File ID.: 8685Y

Level (low/med): LOW

Date Received:

% Moisture not Dec: Dec:

Date Extracted: 08/23/91

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

Date Analyzed: 08/29/91

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

Dilution Factor: 1.0

Number TICs Found: 3

Concentration Units:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	UNKNOWN	7.27	580	J
2	SUSPECTED ALDOL COND. PRODUCT	8.02	950	AJ
3	ETHANOL DERIVATIVE	23.00	340	J
4	UNKNOWN HYDROCARBON	31.63	510	J
5				
6				
7				
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FORM I SV-TIC

4C
PESTICIDE METHOD BLANK SUMMARY

Lab Name: RECRA ENVIRON Contract: _____

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D

Lab Sample ID: SS4622A Lab File ID: _____

Matrix:(soil/water) SOIL Level:(low/med) LOW

Date Extracted: 08/07/91 Extraction:(SepF/Cont/Sonc) SONC

Date Analyzed (1): 08/23/91 Date Analyzed (2): 08/23/91

Time Analyzed (1): 0715 Time Analyzed (2): 0715

Instrument ID (1): HP5890-5 Instrument ID (2): HP5890B5

GC Column ID (1): DB608 GC Column ID (2): DB1701

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	=====	=====	=====	=====
01	MSB02	SS4630	08/23/91	08/23/91
02	SO201	SS4623	08/23/91	08/23/91
03	SO202	SS4626	08/23/91	08/23/91
04	SO201MS	SS4624	08/23/91	08/23/91
05	SO201MSD	SS4625	08/23/91	08/23/91

COMMENTS:

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

197
EPA SAMPLE NO.

PBLK52

Lab Name: RECRA ENVIRON Contract: _____

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D

Matrix: (soil/water) SOIL Lab Sample ID: SS4622A

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

Level: (low/med) LOW Date Received: _____

Moisture: not dec. _____ dec. _____ Date Extracted: 08/07/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/23/91

GPC Cleanup: (Y/N) Y pH: 7.0 Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
319-84-6-----	alpha-BHC	16	U
319-85-7-----	beta-BHC	16	U
319-86-8-----	delta-BHC	16	U
58-89-9-----	gamma-BHC(Lindane)	16	U
76-44-8-----	Heptachlor	16	U
309-00-2-----	Aldrin	16	U
1024-57-3-----	Heptachlor epoxide	16	U
959-98-8-----	Endosulfan I	16	U
60-57-1-----	Dieldrin	32	U
72-55-9-----	4,4'-DDE	32	U
72-20-8-----	Endrin	32	U
33213-65-9-----	Endosulfan II	32	U
72-54-8-----	4,4'-DDD	32	U
1031-07-8-----	Endosulfan sulfate	32	U
50-29-3-----	4,4'-DDT	32	U
72-43-5-----	Methoxychlor	160	U
53494-70-5-----	Endrin ketone	32	U
5103-71-9-----	alpha-chlordane	11	J
5103-74-2-----	gamma-chlordane	160	U
8001-35-2-----	Toxaphene	320	U
12674-11-2-----	Aroclor-1016	160	U
11104-28-2-----	Aroclor-1221	160	U
11141-16-5-----	Aroclor-1232	160	U
53469-21-9-----	Aroclor-1242	160	U
12672-29-6-----	Aroclor-1248	160	U
11097-69-1-----	Aroclor-1254	160	U
11096-82-5-----	Aroclor-1260	160	U

4C
PESTICIDE METHOD BLANK SUMMARY

198

Lab Name: RECRA ENVIRON Contract: _____

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D

Lab Sample ID: SS4656 Lab File ID: _____

Matrix:(soil/water) SOIL Level:(low/med) LOW

Date Extracted: 08/09/91 Extraction:(SepF/Cont/Sonc) SONC

late Analyzed (1): 08/23/91 Date Analyzed (2): 08/23/91

Time Analyzed (1): 1351 Time Analyzed (2): 1351

Instrument ID (1): HP5890-5 Instrument ID (2): HP5890B5

3C Column ID (1): DB608 GC Column ID (2): DB1701

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO. =====	LAB SAMPLE ID =====	DATE ANALYZED 1 =====	DATE ANALYZED 2 =====
01	MSB03	SS4657	08/23/91	08/23/91
02	TP201	SS4658	08/23/91	08/23/91
03	TP204	SS4661	08/23/91	08/23/91
04	TP201MS	SS4659	08/23/91	08/23/91
05	TP201MSD	SS4660	08/23/91	08/23/91

COMMENTS:

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. **169**

PBLK53

Lab Name: RECRA ENVIRON Contract: _____

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D

Matrix: (soil/water) SOIL Lab Sample ID: SS4656

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

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ dec. _____ Date Extracted: 08/09/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/23/91

GPC Cleanup: (Y/N) Y pH: 7.0 Dilution Factor: 1.00

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

319-84-6-----	alpha-BHC	16	U
319-85-7-----	beta-BHC	16	U
319-86-8-----	delta-BHC	16	U
58-89-9-----	gamma-BHC(Lindane)	16	U
76-44-8-----	Heptachlor	16	U
309-00-2-----	Aldrin	16	U
1024-57-3-----	Heptachlor epoxide	16	U
959-98-8-----	Endosulfan I	16	U
60-57-1-----	Dieldrin	32	U
72-55-9-----	4,4'-DDE	32	U
72-20-8-----	Endrin	32	U
33213-65-9-----	Endosulfan II	32	U
72-54-8-----	4,4'-DDD	32	U
1031-07-8-----	Endosulfan sulfate	32	U
50-29-3-----	4,4'-DDT	32	U
72-43-5-----	Methoxychlor	160	U
53494-70-5-----	Endrin ketone	32	U
5103-71-9-----	alpha-chlordane	160	U
5103-74-2-----	gamma-chlordane	160	U
8001-35-2-----	Toxaphene	320	U
12674-11-2-----	roclor-1016	160	U
11104-28-2-----	Aroclor-1221	160	U
11141-16-5-----	Aroclor-1232	160	U
53469-21-9-----	Aroclor-1242	160	U
12672-29-6-----	Aroclor-1248	160	U
11097-69-1-----	Aroclor-1254	320	U
11096-82-5-----	Aroclor-1260	320	U

4C
PESTICIDE METHOD BLANK SUMMARY

Lab Name: RECRA ENVIRON Contract: _____

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D

Lab Sample ID: SS4622AR Lab File ID: _____

Matrix: (soil/water) SOIL Level: (low/med) LOW

Date Extracted: 08/26/91 Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed (1): 08/30/91 Date Analyzed (2): 08/30/91

Time Analyzed (1): 2055 Time Analyzed (2): 2055

Instrument ID (1): HP5890-5 Instrument ID (2): HP5890B5

GC Column ID (1): DB608 GC Column ID (2): DB1701

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	=====	=====	=====	=====
01	MSB02RE	SS4630A	08/31/91	08/31/91
02	SO201RE	SS4623A	08/30/91	08/30/91
03	SO202RE	SS4626A	08/31/91	08/31/91
04	SO201MSDRE	SS4625A	08/30/91	08/30/91
05	SO201MSRE	SS4624A	08/30/91	08/30/91

COMMENTS:

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

201
EPA SAMPLE NO.

PBLK61

Lab Name: RECRA ENVIRON Contract: _____

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D

Matrix: (soil/water) SOIL Lab Sample ID: SS4622AR

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

Level: (low/med) LOW Date Received: _____

4 Moisture: not dec. _____ dec. _____ Date Extracted: 08/26/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/30/91

GPC Cleanup: (Y/N) Y pH: 7.0 Dilution Factor: 1.00

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

319-84-6-----	alpha-BHC	16	U
319-85-7-----	beta-BHC	16	U
319-86-8-----	delta-BHC	16	U
58-89-9-----	gamma-BHC(Lindane)	16	U
76-44-8-----	Heptachlor	16	U
309-00-2-----	Aldrin	16	U
1024-57-3-----	Heptachlor epoxide	16	U
959-98-8-----	Endosulfan I	16	U
60-57-1-----	Dieldrin	32	U
72-55-9-----	4,4'-DDE	32	U
72-20-8-----	Endrin	32	U
33213-65-9-----	Endosulfan II	32	U
72-54-8-----	4,4'-DDD	32	U
1031-07-8-----	Endosulfan sulfate	32	U
50-29-3-----	4,4'-DDT	32	U
72-43-5-----	Methoxychlor	160	U
53494-70-5-----	Endrin ketone	32	U
5103-71-9-----	alpha-chlordane	160	U
5103-74-2-----	gamma-chlordane	160	U
8001-35-2-----	Toxaphene	320	U
12674-11-2-----	Aroclor-1016	160	U
11104-28-2-----	Aroclor-1221	160	U
11141-16-5-----	Aroclor-1232	160	U
53469-21-9-----	Aroclor-1242	160	U
12672-29-6-----	Aroclor-1248	160	U
11097-69-1-----	Aroclor-1254	320	U
11096-82-5-----	Aroclor-1260	320	U

H & A OF NEW YORK
AQUEOUS MATRIX
DOH METHOD 310-13

LAB NAME RECRA ENVIRONMENTAL INC.
JOB NO. 91-2112

EXTRACTION DATE 08/07/91
ANALYSIS DATE 08/12/91

SAMPLE NO. METHOD BLANK

PARAMETER	
Petroleum Products	ND

ND=NONE DETECTED

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

ab Name: RECRA ENVIRONContract: NY91-820Lab Code: RECNY Case No.: 3603SAS No.: _____ SDG No.: SS201Dab File ID (Standard): E2733Date Analyzed: 08/05/91Instrument ID: 51ETime Analyzed: 1610Matrix: (soil/water) SOIL Level: (low/med) MED Column: (pack/cap) PACK

	IS1(BCM) AREA #	RT	IS2(DFB) AREA #	RT	IS3(CBZ) AREA #	RT
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	23400	7.88	107000	18.09	99600	22.97
=====	=====	=====	=====	=====	=====	=====
UPPER LIMIT	46800		214000		199200	
=====	=====	=====	=====	=====	=====	=====
LOWER LIMIT	11700		53500		49800	
=====	=====	=====	=====	=====	=====	=====
EPA SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 MSBLANK2	22200	7.92	98300	18.09	93100	23.00
02 SS201S	13400	7.92	64500	18.12	62000	23.04
03 SS201SMS	16000	7.92	75100	18.12	72700	22.97
04 SS201SMSD	15600	7.92	75100	18.09	72200	22.97
05 VBLK05	19500	7.92	88200	18.12	86200	23.00

IS1 (BCM) = Bromochloromethane
 IS2 (DFB) = 1,4-Difluorobenzene
 IS3 (CBZ) = Chlorobenzene

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

Column used to flag internal standard area values with an asterisk

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-820
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D
 Lab File ID (Standard): G9854 Date Analyzed: 08/07/91
 Instrument ID: I50G Time Analyzed: 0950
 Matrix: (soil/water) WATER Level: (low/med) LOW Column: (pack/cap) PACK

	IS1 (BCM) AREA #	RT	IS2 (DFB) AREA #	RT	IS3 (CBZ) AREA #	RT
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	27800	8.17	95400	18.47	89300	23.27
=====	=====	=====	=====	=====	=====	=====
UPPER LIMIT	55600		190800		178600	
=====	=====	=====	=====	=====	=====	=====
LOWER LIMIT	13900		47700		44650	
=====	=====	=====	=====	=====	=====	=====
EPA SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 TRIPBLANK	25900	8.17	83000	18.47	79500	23.29
02 VHB	27700	8.17	91700	18.50	84500	23.29
03 VBLK25	26900	8.17	88200	18.47	81900	23.27

IS1 (BCM) = Bromochloromethane
 IS2 (DFB) = 1,4-Difluorobenzene
 IS3 (CBZ) = Chlorobenzene

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

Column used to flag internal standard area values with an asterisk

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-820
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D
 Lab File ID (Standard): H5554 Date Analyzed: 08/03/91
 Instrument ID: I50H Time Analyzed: 1045
 Matrix: (soil/water) SOIL Level: (low/med) LOW Column: (pack/cap) PACK

	IS1 (BCM) AREA #	RT	IS2 (DFB) AREA #	RT	IS3 (CBZ) AREA #	RT
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	27100	8.05	134000	18.32	122000	23.10
=====	=====	=====	=====	=====	=====	=====
UPPER LIMIT	54200		268000		244000	
=====	=====	=====	=====	=====	=====	=====
LOWER LIMIT	13550		67000		61000	
=====	=====	=====	=====	=====	=====	=====
EPA SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 MSBLANK1	27400	8.05	137000	18.30	118000	23.07
02 SO201	21500	8.03	99000	18.30	75500	23.07
03 SS201D	23500	8.03	124000	18.30	105000	23.07
04 SS202D	23400	8.03	118000	18.30	98700	23.07
05 SS202S	19900	8.03	93400	18.30	62500	23.10
06 SS203D	17800	8.03	92200	18.30	70800	23.07
07 SS203S	24400	8.03	123000	18.30	77900	23.07
08 SS203SDUP	22800	8.03	112000	18.30	81100	23.07
09 SS204D	19600	8.03	88400	18.32	74900	23.07
10 SO201MS	25000	8.03	115000	18.30	90400	23.07
11 SO201MSD	21900	8.03	104000	18.30	81600	23.07
12 VBLK45	26200	8.03	137000	18.32	119000	23.07

IS1 (BCM) = Bromochloromethane
 IS2 (DFB) = 1,4-Difluorobenzene
 IS3 (CBZ) = Chlorobenzene

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

Column used to flag internal standard area values with an asterisk

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-820
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D
 Lab File ID (Standard): H5573 Date Analyzed: 08/05/91
 Instrument ID: I50H Time Analyzed: 902
 Matrix: (soil/water) SOIL Level: (low/med) LOW Column: (pack/cap) PACK

	IS1(BCM) AREA #	RT	IS2(DFB) AREA #	RT	IS3(CBZ) AREA #	RT
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	24100	8.05	120000	18.32	106000	23.10
=====	=====	=====	=====	=====	=====	=====
UPPER LIMIT	48200		240000		212000	
=====	=====	=====	=====	=====	=====	=====
LOWER LIMIT	12050		60000		53000	
=====	=====	=====	=====	=====	=====	=====
EPA SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 SO202	22200	8.08	97200	18.34	68900	23.12
02 SS202SDUP	19400	8.08	87400	18.32	62300	23.10
03 SS202SDUPDL	22600	8.08	96200	18.32	79400	23.10
04 SS204S	21500	8.05	108000	18.32	74000	23.10
05 VBLK46	21700	8.05	115000	18.32	100000	23.10

IS1 (BCM) = Bromochloromethane
 IS2 (DFB) = 1,4-Difluorobenzene
 IS3 (CBZ) = Chlorobenzene

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

Column used to flag internal standard area values with an asterisk

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

207

Lab Name: RECRA ENVIRON Contract: NY91-820
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D
 Lab File ID (Standard): H5627 Date Analyzed: 08/06/91
 Instrument ID: I50H Time Analyzed: 2124
 Matrix: (soil/water) SOIL Level: (low/med) LOW Column: (pack/cap) PACK

	IS1 (BCM) AREA #	RT	IS2 (DFB) AREA #	RT	IS3 (CBZ) AREA #	RT
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	25200	8.05	124000	18.30	110000	23.07
=====	=====	=====	=====	=====	=====	=====
UPPER LIMIT	50400		248000		220000	
=====	=====	=====	=====	=====	=====	=====
LOWER LIMIT	12600		62000		55000	
=====	=====	=====	=====	=====	=====	=====
EPA SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 MSBLANK3	26700	8.08	119000	18.32	108000	23.10
02 TP201	23700	8.05	102000	18.32	85400	23.07
03 TP202	22000	8.05	95300	18.30	80300	23.07
04 TP203	21100	8.05	94400	18.30	80000	23.07
05 TP204	22600	8.05	98900	18.30	84900	23.07
06 TP205	20000	8.05	85200	18.30	74400	23.07
07 TP206	19500	8.05	88500	18.30	67800	23.07
08 TP201MS	19400	8.05	82200	18.30	69700	23.07
09 TP201MSD	19700	8.05	87500	18.30	73300	23.07
10 VBLK49	24600	8.05	114000	18.32	103000	23.10

IS1 (BCM) = Bromochloromethane
 IS2 (DFB) = 1,4-Difluorobenzene
 IS3 (CBZ) = Chlorobenzene

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

Column used to flag internal standard area values with an asterisk

8B
SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

208

Lab Name: RECRA ENVIRON Contract: NY91-820
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D
 Lab File ID (Standard): 8600Y Date Analyzed: 08/21/91
 Instrument ID: I50Y Time Analyzed: 1149

	IS1 (DCB) AREA #	RT	IS2 (NPT) AREA #	RT	IS3 (ANT) AREA #	RT
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	12200	7.35	49200	10.92	25100	16.14
=====	=====	=====	=====	=====	=====	=====
UPPER LIMIT	24400		98400		50200	
=====	=====	=====	=====	=====	=====	=====
LOWER LIMIT	6100		24600		12550	
=====	=====	=====	=====	=====	=====	=====
EPA SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 SS202D	9850	7.35	33300	10.89	18500	16.12
02 SS202SDUP	10500	7.35	35000	10.89	20000	16.12
03 SS203D	10900	7.35	37200	10.89	20700	16.12
04 SS204D	10100	7.35	33500	10.89	17100	16.12

IS1 (DCB) = 1,4-Dichlorobenzene-d4
 IS2 (NPT) = Naphthalene-d8
 IS3 (ANT) = Acenaphthene-d10

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

Column used to flag internal standard area values with an asterisk

8C
SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

209

Lab Name: RECRA ENVIRON Contract: NY91-820
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D
 Lab File ID (Standard): 8600Y Date Analyzed: 08/21/91
 Instrument ID: I50Y Time Analyzed: 1149

	IS4 (PHN) AREA #	RT	IS5 (CRY) AREA #	RT	IS6 (PRY) AREA #	RT
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	33900	20.60	25700	28.67	21100	32.71
=====	=====	=====	=====	=====	=====	=====
UPPER LIMIT	67800		51400		42200	
=====	=====	=====	=====	=====	=====	=====
LOWER LIMIT	16950		12850		10550	
=====	=====	=====	=====	=====	=====	=====
EPA SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 SS202D	25700	20.59	17400	28.66	15900	32.67
02 SS202SDUP	30100	20.60	29500	28.72	32200	32.79
03 SS203D	29300	20.59	21900	28.67	22300	32.71
04 SS204D	23900	20.59	16300	28.64	4320 *	32.64

IS4 (PHN) = Phenanthrene-d10
 IS5 (CRY) = Chrysene-dl2
 IS6 (PRY) = Perylene-dl2.

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

Column used to flag internal standard area values with an asterisk

8B
SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

210

Lab Name: RECRA ENVIRON Contract: NY91-820
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D
 Lab File ID (Standard): 8617Y Date Analyzed: 08/22/91
 Instrument ID: I50Y Time Analyzed: 1029

	IS1 (DCB) AREA #	RT	IS2 (NPT) AREA #	RT	IS3 (ANT) AREA #	RT
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	15300	7.28	59300	10.84	32100	16.07
=====	=====	=====	=====	=====	=====	=====
UPPER LIMIT	30600		118600		64200	
=====	=====	=====	=====	=====	=====	=====
LOWER LIMIT	7650		29650		16050	
=====	=====	=====	=====	=====	=====	=====
EPA SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 SO201	11900	7.28	39600	10.82	22000	16.05
02 SO202	13600	7.28	46000	10.82	25500	16.05
03 SS201D	13900	7.28	47200	10.82	27100	16.05
04 SS204DRE	13600	7.28	44500	10.82	24600	16.05

IS1 (DCB) = 1,4-Dichlorobenzene-d4
 IS2 (NPT) = Naphthalene-d8
 IS3 (ANT) = Acenaphthene-d10

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

Column used to flag internal standard area values with an asterisk

8C

SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-820
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D
 Lab File ID (Standard): 8617Y Date Analyzed: 08/22/91
 Instrument ID: I50Y Time Analyzed: 1029

	IS4 (PHN) AREA #	RT	IS5 (CRY) AREA #	RT	IS6 (PRY) AREA #	RT
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	46500	20.52	38800	28.59	31900	32.61
=====	=====	=====	=====	=====	=====	=====
UPPER LIMIT	93000		77600		63800	
=====	=====	=====	=====	=====	=====	=====
LOWER LIMIT	23250		19400		15950	
=====	=====	=====	=====	=====	=====	=====
EPA SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 SO201	31300	20.50	22800	28.56	20500	32.57
02 SO202	35600	20.50	26900	28.56	24200	32.57
03 SS201D	42700	20.50	33800	28.57	36500	32.61
04 SS204DRE	33800	20.50	24900	28.54	164 *	32.49

IS4 (PHN) = Phenanthrene-d10
 IS5 (CRY) = Chrysene-d12
 IS6 (PRY) = Perylene-d12,

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

Column used to flag internal standard area values with an asterisk

8B
SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

212

Lab Name: RECRA ENVIRON Contract: NY91-820
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D
 Lab File ID (Standard) : 8634Y Date Analyzed: 08/23/91
 Instrument ID: I50Y Time Analyzed: 1038

	IS1 (DCB) AREA #	RT	IS2 (NPT) AREA #	RT	IS3 (ANT) AREA #	RT
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	10700	7.23	44600	10.80	24600	16.02
=====	=====	=====	=====	=====	=====	=====
UPPER LIMIT	21400		89200		49200	
=====	=====	=====	=====	=====	=====	=====
LOWER LIMIT	5350		22300		12300	
=====	=====	=====	=====	=====	=====	=====
EPA SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 SS201S	8300	7.23	24500	10.79	2850 *	16.02
02 SS203S	10100	7.23	35900	10.77	22600	16.00
03 SO201MS	10500	7.23	38800	10.77	21500	16.00
04 SO201MSD	9450	7.23	35300	10.77	19900	16.00
05 SBLK95	13000	7.23	46500	10.77	25900	16.00

IS1 (DCB) = 1,4-Dichlorobenzene-d4
 IS2 (NPT) = Naphthalene-d8
 IS3 (ANT) = Acenaphthene-d10

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

Column used to flag internal standard area values with an asterisk

8C
SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

213

Lab Name: RECRA ENVIRON Contract: NY91-820
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D
 Lab File ID (Standard): 8634Y Date Analyzed: 08/23/91
 Instrument ID: I50Y Time Analyzed: 1038

	IS4 (PHN) AREA #	RT	IS5 (CRY) AREA #	RT	IS6 (PRY) AREA #	RT
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	37000	20.47	31600	28.52	23300	32.54
=====	=====	=====	=====	=====	=====	=====
UPPER LIMIT	74000		63200		46600	
=====	=====	=====	=====	=====	=====	=====
LOWER LIMIT	18500		15800		11650	
=====	=====	=====	=====	=====	=====	=====
EPA SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 SS201S	6350 *	20.67	8140 *	28.96	2350 *	32.84
02 SS203S	36300	20.45	33600	28.52	42500	32.59
03 SO201MS	32300	20.45	23700	28.49	22100	32.51
04 SO201MSD	30200	20.45	23100	28.49	21600	32.51
05 SBLK95	39100	20.45	30100	28.49	20300	32.51

IS4 (PHN) = Phenanthrene-d10
 IS5 (CRY) = Chrysene-d12
 IS6 (PRY) = Perylene-d12

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

Column used to flag internal standard area values with an asterisk

8B
SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

214

Lab Name: RECRA ENVIRON Contract: NY91-820
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D
 Lab File ID (Standard): 8651Y Date Analyzed: 08/24/91
 Instrument ID: I50Y Time Analyzed: 1320

	IS1 (DCB) AREA #	RT	IS2 (NPT) AREA #	RT	IS3 (ANT) AREA #	RT
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	13900	7.17	57000	10.74	32500	15.95
=====	=====	=====	=====	=====	=====	=====
UPPER LIMIT	27800		114000		65000	
=====	=====	=====	=====	=====	=====	=====
LOWER LIMIT	6950		28500		16250	
=====	=====	=====	=====	=====	=====	=====
EPA SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 SS201SDL	19200	7.17	63900	10.70	33900	15.94
02 SS201SRE	37600 *	7.18	113000	10.72	14800 *	15.95
03 SS203SDUP	19500	7.17	64800	10.70	33600	15.94

IS1 (DCB) = 1,4-Dichlorobenzene-d4
 IS2 (NPT) = Naphthalene-d8
 IS3 (ANT) = Acenaphthene-d10

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

Column used to flag internal standard area values with an asterisk

8C
SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-820
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D
 Lab File ID (Standard): 8651Y Date Analyzed: 08/24/91
 Instrument ID: I50Y Time Analyzed: 1320

	IS4 (PHN) AREA #	RT	IS5 (CRY) AREA #	RT	IS6 (PRY) AREA #	RT
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	45800	20.40	38200	28.46	31000	32.46
=====	=====	=====	=====	=====	=====	=====
UPPER LIMIT	91600		76400		62000	
=====	=====	=====	=====	=====	=====	=====
LOWER LIMIT	22900		19100		15500	
=====	=====	=====	=====	=====	=====	=====
EPA SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 SS201SDL	46300	20.37	29100	28.42	24900	32.44
02 SS201SRE	25400	20.62	19300	28.92	7050 *	32.82
03 SS203SDUP	44500	20.39	39700	28.46	54100	32.51

IS4 (PHN) = Phenanthrene-d10
 IS5 (CRY) = Chrysene-d12
 IS6 (PRY) = Perylene-d12

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

Column used to flag internal standard area values with an asterisk

8B

SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-820
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D
 Lab File ID (Standard): 8679Y Date Analyzed: 08/29/91
 Instrument ID: I50Y Time Analyzed: 908

	IS1(DCB) AREA #	RT	IS2(NPT) AREA #	RT	IS3(ANT) AREA #	RT
12 HOUR STD	16900	9.59	63000	13.25	32400	18.65
UPPER LIMIT	33800		126000		64800	
LOWER LIMIT	8450		31500		16200	
EPA SAMPLE NO.						
01 MSBLANK2	14500	9.59	54400	13.25	28200	18.65
02 SBLK99	15900	9.59	60800	13.25	31400	18.65

IS1 (DCB) = 1,4-Dichlorobenzene-d4
 IS2 (NPT) = Naphthalene-d8
 IS3 (ANT) = Acenaphthene-d10

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

Column used to flag internal standard area values with an asterisk

8C

SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: RECRA ENVIRONContract: NY91-820Lab Code: RECNY Case No.: 3603SAS No.: _____ SDG No.: SS201DLab File ID (Standard): 8679YDate Analyzed: 08/29/91Instrument ID: I50YTime Analyzed: 908

	IS4 (PHN) AREA #	RT	IS5 (CRY) AREA #	RT	IS6 (PRY) AREA #	RT
12 HOUR STD	43000	23.27	36700	31.57	33800	35.69
UPPER LIMIT	86000		73400		67600	
LOWER LIMIT	21500		18350		16900	
EPA SAMPLE NO.						
01 MSBLANK2	37100	23.27	29300	31.54	27400	35.67
02 SBLK99	45600	23.25	36100	31.54	32300	35.67

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-dl2

IS6 (PRY) = Perylene-dl2

UPPER LIMIT = + 100%
of internal standard area.
LOWER LIMIT = - 50%
of internal standard area.

Column used to flag internal standard area values with an asterisk

8B

SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-820
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D
 Lab File ID (Standard): 8695Y Date Analyzed: 09/02/91
 Instrument ID: I50Y Time Analyzed: 1416

	IS1 (DCB) AREA #	RT	IS2 (NPT) AREA #	RT	IS3 (ANT) AREA #	RT
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	6760	9.45	22800	13.12	13400	18.52
=====	=====	=====	=====	=====	=====	=====
UPPER LIMIT	13520		45600		26800	
=====	=====	=====	=====	=====	=====	=====
LOWER LIMIT	3380		11400		6700	
=====	=====	=====	=====	=====	=====	=====
EPA SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 SS202S	5970	9.45	22800	13.10	14400	18.50
02 SS204S	5770	9.45	23300	13.10	15400	18.50

IS1 (DCB) = 1,4-Dichlorobenzene-d4
 IS2 (NPT) = Naphthalene-d8
 IS3 (ANT) = Acenaphthene-d10

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

Column used to flag internal standard area values with an asterisk

8C

SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-820
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D
 Lab File ID (Standard): 8695Y Date Analyzed: 09/02/91
 Instrument ID: I50Y Time Analyzed: 1416

	IS4(PHN) AREA #	RT	IS5(CRY) AREA #	RT	IS6(PRY) AREA #	RT
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	16000	23.12	14500	31.41	15200	35.54
=====	=====	=====	=====	=====	=====	=====
UPPER LIMIT	32000		29000		30400	
=====	=====	=====	=====	=====	=====	=====
LOWER LIMIT	8000		7250		7600	
=====	=====	=====	=====	=====	=====	=====
EPA SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 SS202S	22000	23.12	21900	31.42	18200	35.59
02 SS204S	21700	23.15	21000	31.46	16700	35.64

IS4 (PHN) = Phenanthrene-d10
 IS5 (CRY) = Chrysene-d12
 IS6 (PRY) = Perylene-d12

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

Column used to flag internal standard area values with an asterisk

8B

SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-820
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: SS201D
 Lab File ID (Standard): 8532Z Date Analyzed: 08/23/91
 Instrument ID: I50Z Time Analyzed: 1615

	IS1(DCB) AREA #	RT	IS2(NPT) AREA #	RT	IS3(ANT) AREA #	RT
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	4190	6.32	17500	9.85	9800	15.02
=====	=====	=====	=====	=====	=====	=====
UPPER LIMIT	8380		35000		19600	
=====	=====	=====	=====	=====	=====	=====
LOWER LIMIT	2095		8750		4900	
=====	=====	=====	=====	=====	=====	=====
EPA SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 MSBLANK1	4750	6.33	19700	9.85	11100	15.02
02 TP201	4390	6.32	17600	9.84	10800	15.02
03 TP204	5310	6.32	20000	9.82	12200	15.02
04 TP201MS	5050	6.32	19900	9.84	11600	15.02
05 TP201MSD	4940	6.33	19600	9.84	11400	15.02
06 SBLK77	3940	6.32	16200	9.82	9890	15.02

IS1 (DCB) = 1,4-Dichlorobenzene-d4
 IS2 (NPT) = Naphthalene-d8
 IS3 (ANT) = Acenaphthene-d10

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

Column used to flag internal standard area values with an asterisk

8C

SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: RECRA ENVIRONContract: NY91-820Lab Code: RECNY Case No.: 3603SAS No.: _____ SDG No.: SS201DLab File ID (Standard): 85322Date Analyzed: 08/23/91Instrument ID: I50ZTime Analyzed: 1615

	IS4 (PHN) AREA #	RT	IS5 (CRY) AREA #	RT	IS6 (PRY) AREA #	RT
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	14400	19.44	13300	27.44	13500	31.44
=====	=====	=====	=====	=====	=====	=====
UPPER LIMIT	28800		26600		27000	
=====	=====	=====	=====	=====	=====	=====
LOWER LIMIT	7200		6650		6750	
=====	=====	=====	=====	=====	=====	=====
EPA SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 MSBLANK1	16700	19.44	14900	27.41	14700	31.42
02 TP201	16700	19.42	16800	27.42	18100	31.42
03 TP204	18600	19.42	16700	27.41	17800	31.42
04 TP201MS	17000	19.44	16900	27.41	18500	31.42
05 TP201MSD	17100	19.42	16700	27.41	18100	31.42
06 SBLK77	15000	19.42	13200	27.41	14000	31.41

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

UPPER LIMIT = + 100%
of internal standard area.LOWER LIMIT = - 50%
of internal standard area.

Column used to flag internal standard area values with an asterisk



SDG GSA8



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20040.0

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Chemical and Environmental Analysis Services

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HELPING TO BRING THE
WORLD TO BUFFALO

October 9, 1991

Ms. Suzanne Wheatcraft
H&A of New York
189 North Water Street
Rochester, NY 14604

Re: Analytical Results

Dear Ms. Wheatcraft:

Please find enclosed results concerning the analyses of the samples recently submitted by your firm. The Pertinent Information regarding these analyses is listed below:

Quote #: NY91-831R
Project Name: Dollinger RI/FS
Matrix: Soil/Aqueous
Samples Received: 8/15,17,20,22,24/91
Sample Dates: 8/13,14,15,16,19,21,22/91

If you have any questions concerning these data, please contact Mr. Jeffrey Radin, Project Manager, at (716) 691-2600 and refer to the I.D. number listed below. It has been our pleasure to provide H&A of New York with Environmental Testing Services. We look forward to serving you in the future.

Sincerely,

RECRA ENVIRONMENTAL, INC.

Deborah J. Kinecki

Deborah J. Kinecki
Vice President
New York Environmental
Testing Operations

KLWW/DJK/nmm
Enclosure

I.D. #91-2260	#91-2348
#91-2260A	#91-2348A
#91-2288	#91-2382
#91-2288A	#NY1A3603
#91-2315	
#91-2315A	



SAMPLE DATA SUMMARY PACKAGE



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20040.1

CASE NARRATIVE

Laboratory Name: Recra Environmental, Inc.

Laboratory Code: RECNY

Case Number: 3603

Contract Number: NY91-831R

Sample Identifications:

B201-D(8.0'-10.0')	STW-201
B201-S(12.0'-14.0')	STW-201 Matrix Duplicate
B202D(6.0'-8.0')	STW-201 Matrix Spike
B203-D	STW-201 Matrix Spike Duplicate
GS-A4(4.0'-6.0')	Field Blank#1 (8/14/91)
GS-A8(2.0'-4.0')	Field Blank#2 (8/13/91)
GS-A8(2.0'-4.0')Matrix Duplicate	Field Blank#3 (8/16/91)
GS-A8(2.0'-4.0')Matrix Spike	Field Blank#4 (8/19/91)
GS-A8(2.0'-4.0')Matrix Spike Duplicate	Trip Blank#1 (8/16/91)
GS-B1(10.0'-12.0')	Trip Blank#2
GS-B2(2.0'-4.0')	Trip Blank#3 (8/19/91)
GS-B4(10.0'-12.0')	Trip Blank#4 (8/21/91)
GS-B5(4.0'-6.0')	

METHODOLOGY

Analyses were performed in accordance with New York State 1989 Analytical Services Protocol.

GENERAL COMMENTS

Comments pertain to data on one or all pages of this report.

The enclosed data has been reported utilizing USEPA data qualifiers (Q) as defined on the Organic Data Comment Page.

VOLATILE DATA

Volatile sample and standard areas are listed on the corresponding data system printouts.

Volatile data are processed utilizing Finnigan Autoquantitation and QA Formaster software. All compounds determined to be present by the computer-generated autoquantitation were subjected to a manual ion search for secondary and tertiary ions. Unedited quantitation reports have been submitted.

Due to Sample Matrix, GSA82040, GSA82040 Matrix Spike and GSA82040 Matrix Spike Duplicate were initially analyzed at a dilution factor of two (2); and sample GSB22040 at an initial dilution factor of five (5).



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Sample **GSB54060** required reanalysis at a dilution factor of five (5) due to the high concentration of TCL compound Trichloroethane. Total Xylenes were diluted out of the reanalysis **GSB54060DL**.

Difference8 in detected compounds between related samples, have been reviewed by the Organic Laboratory manager and verified to be as presented in this data package.

Samples **GSB1100120** Matrix Spike and **GSB1100120** Matrix Spike Duplicate exhibited low recoveries for Laboratory Spiking Compound Trichloroethane. **This** is attributed to the high concentration of Trichloroethane in the sample.

SEMIVOLATILE DATA

Semivolatile sample and standard areas are listed on the corresponding data system printouts.

Semivolatile data are processed utilizing **Finnigan Autoquantitation** and **QA Formaster** software. All compounds determined to be present by the computer-generated autoquantitation were subjected to a manual ion search for secondary and tertiary ions. Unedited quantitation reports have been submitted.

Differences in detected compounds been related samples have been reviewed by the Organic Laboratory Manager and verified to be as presented in this data package.

Samples **STW201** Matrix Spike and **STW201** Matrix Spike Duplicate exhibited elevated recoveries for spiking compounds 4-Chloro-3-Methylphenol and **2,4-Dinitrotoluene**. Sample **STW201** Matrix Spike Duplicate also exhibited a slightly elevated recovery for **1,4-Dichlorobenzene**.

Sample **GSA82040** Matrix Spike exhibited a zero percent recovery for laboratory spiking compound Pentachlorophenol. Sample **GSA82040** Matrix Spike Duplicate exhibited slightly elevated recoveries for laboratory spiking compounds Phenol and Pyrene.

The following compounds were outside of quality control limits in the Matrix Spike Blank, (**MSBlank W**, **MSBlank S**); Phenol, **4-Chloro-3-Methylphenol**, 4-Nitrophenol and Pentachlorophenol.

PESTICIDES/PCB DATA

Methoxychlor **was** detected in **PBLK 75 (Pesticide/PCB Method Blank)**; at a level below the Contract Required Quantitation **Limits** (CRQL), and was also detected in associated sample **B201S1214**.

Beta-BHC was detected in **PBLK 71** at a level below the CRQL and in associated samples **GSB224**, **GSA824** Matrix Spike, **GSA824** Matrix Spike Duplicate and Matrix Spike Blank.

Sample Matrix Spike Blank exhibited elevated spike recoveries for Aldrin; Endrin and **4,4'-DDT**.



INORGANIC DATA

The associated Total HSL Metals will be submitted upon completion as per Me. Suzanne Wheatcraft of H&A of New York.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or her designee, as verified by the following signature."

Deborah J. Kinecki

Deborah J. Kinecki

10/10/91

Date

v



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Laboratory Name RECRA ENVIRONMENTAL, INC.

USEPA Defined Organic Data Qualifiers:

- U - Indicates compound was analyzed for but not detected.
- J - Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the mass spectral data indicate the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
- C - This flag applies to pesticide results where the identification has been confirmed by GC/MS.
- B - This flag is used when the analyte is found in the associated blank as well as in the sample.
- E - This flag identifies compounds whose concentrations exceed the calibration range of the GC/MS instrument for that specific analysis.
- D - This flag identifies all compounds identified in an analysis at a secondary dilution factor.
- G - The TCLP Matrix Spike recovery was greater than the upper limit of the analytical method.
- L - The TCLP Matrix Spike recovery was lower than the lower limit of the analytical method.
- T - This flag is used when the analyte is found in the associated TCLP extraction as well as in the sample.



NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE IDENTIFICATION
AND
ANALYTICAL REQUIREMENT SUMMARY

CUSTOMER SAMPLE CODE	LABORATORY SAMPLE CODE	ANALYTICAL REQUIREMENTS*					
		VOA* GC/MS	BNA* GC/MS	VOA* GC	PEST* PCB	METALS*	OTHER*
B201D(8-10)	B201D(8-10)	ASP89	ASP89	-	ASP89	-	-
B201S(12-14)	B201S(12-14)	ASP89	ASP89	-	ASP89	-	-
GSA8(2-4)	GSA8(2-4)	ASP89	ASP89	-	ASP89	-	-
GSB2(2-4)	GSB2(2-4)	ASP89	ASP89	-	ASP89	-	-
GSA4(4-6)	GSA4(4-6)	ASP89	ASP89	-	-	-	-
GSB5(4-6)	GSB5(4-6)	ASP89	ASP89	-	ASP89	-	-
GSB1(10-12)	GSB1(10-12)	ASP89	ASP89	-	-	-	-
GSB4(10-12)	GSB4(10-12)	ASP89	ASP89	-	-	-	-
STW201	STW201	ASP89	ASP89	-	-	-	-
Field Blank I	Field Blank I	ASP89	ASP89	-	ASP89	-	-
Field Blank II	Field Blank II	ASP89	ASP89	-	ASP89	-	-
Field Blank III	Field Blank III	ASP89	ASP89	-	ASP89	-	-
Field Blank IV	Field Blank IV	ASP89	ASP89	-	ASP89	-	-
Trip Blank I	Trip Blank I	ASP89	-	-	-	-	-
Trip Blank II	Trip Blank II	ASP89	-	-	-	-	-
Trip Blank III	Trip Blank III	ASP89	-	-	-	-	-
Trip Blank IV	Trip Blank IV	ASP89	-	-	-	-	-
B202D(6-8)	B202D(6-8)	-	ASP89	-	-	-	-
B203D	B203D	-	ASP89	-	-	-	-



NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
VOA ANALYSES

SAMPLE IDENTIFICATION	MATRIX	DATE COLLECTED	DATE RECEIVED AT LAB	DATE EXTRACTED	DATE ANALYZED
B2010(8-10)	Soil	8/16/91	8/17/91	NA	8/21/91
B201S(12-14)	Soil	8/19/91	8/20/91	NA	8/21/91
GSA8(2-4)	Soil	8/14/91	8/15/91	NA	8/18/91
GSB2(2-4)	Soil	8/13/91	8/15/91	NA	8/17/91
GSA4(4-6)	Soil	8/15/91	8/17/91	NA	8/20/91
GSB5(4-6)	Soil	8/13/91	8/15/91	NA	8/17/91
GSB1(10-12)	Soil	8/13/91	8/15/91	NA	8/17/91
GSB4(10-12)	Soil	8/13/91	8/15/91	NA	8/18/91
STW201	Aqueous	8/21/91	8/22/91	NA	8/24/91
Field Blank I	Aqueous	8/14/91	8/15/91	NA	8/16/91
Field Blank II	Aqueous	8/13/91	8/15/91	NA	8/16/91
Field Blank III	Aqueous	8/16/91	8/17/91	NA	8/19/91
Field Blank IV	Aqueous	8/19/91	8/20/91	NA	8/21/91
Trip Blank I	Aqueous	-	8/15/91	NA	8/16/91
Trip Blank II	Aqueous	8/16/91	8/17/91	NA	8/19/91
Trip Blank III	Aqueous	8/19/91	8/20/91	NA	8/21/91
Trip Blank IV	Aqueous	8/22/91	8/24/91	NA	8/24/91

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SAMPLE PREPARATION AND ANALYSIS SUMMARY
B/N-A ANALYSES

SAMPLE IDENTIFICATION	MATRIX	DATE COLLECTED	DATE RECEIVED AT LAB	DATE EXTRACTED	DATE ANALYZED
B201D(8-10)	Soil	8/16/91	8/17/91	8/20/91	9/11/91
B201S(12-14)	Soil	8/19/91	8/20/91	8/22/91	9/6/91
B202D(6-8)	Soil	8/22/91	8/24/91	8/29/91	9/18/91
B203D	Soil	8/20/91	8/22/91	8/26/91	9/6/91
GSA8(2-4)	Soil	8/14/91	8/15/91	9/9/91	9/11/91
GSB2(2-4)	Soil	8/13/91	8/15/91	8/19/91	9/5/91
GSB5(4-6)	Soil	8/13/91	8/15/91	8/19/91	9/5/91
GSB1(10-12)	Soil	8/13/91	8/15/91	8/19/91	9/5/91
GSB4(10-12)	Soil	8/13/91	8/15/91	8/19/91	9/5/91
STW201	Aqueous	8/21/91	8/22/91	8/24/91	9/5/91
Field Blank I	Aqueous	8/14/91	8/15/91	8/16/91	8/30/91
Field Blank II	Aqueous	8/13/91	8/15/91	8/16/91	8/30/91
Field Blank III	Aqueous	8/16/91	8/17/91	8/22/91	9/4/91
Field Blank IV	Aqueous	8/19/91	8/20/91	8/22/91	9/4/91

NYSDEC-3



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SAMPLE PREPARATION AND ANALYSIS SUMMARY
PESTICIDE/PCB ANALYSES

SAMPLE IDENTIFICATION	MATRIX	DATE COLLECTED	DATE RECEIVED AT LAB	DATE EXTRACTED	DATE ANALYZED
B201D(8-10)	Soil	8/16/91	8/17/91	8/20/91	9/10/91
B201S(12-14)	Soil	8/19/91	8/20/91	8/22/91	9/10/91
GSA8(2-4)	Soil	8/14/91	8/15/91	9/19/91	9/10/91
GSB2(2-4)	Soil	8/13/91	8/15/91	8/19/91	9/10/91
GSB5(4-6)	Soil	8/13/91	8/15/91	8/19/91	9/10/91
Field Blank I	Aqueous	8/14/91	8/15/91	8/16/91	9/10/91
Field Blank II	Aqueous	8/13/91	8/15/91	8/16/91	9/10/91
Field Blank III	Aqueous	8/16/91	8/17/91	8/22/91	9/10/91
Field Blank IV	Aqueous	8/19/91	8/20/91	8/22/91	9/10/91

NYSDEC-4



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NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
ORGANIC ANALYSES

SAMPLE IDENTIFICATION	MATRIX	ANALYTICAL PROTOCOL	EXTRACTION METHOD	AUXILIARY CLEAN UP	DIL/CONC FACTOR
B201D(8-10)	Soil	ASP 89	As Required	As required	As required
B201S(12-14)	Soil	ASP 89	As Required	As required	As required
B202D(6-8)	Soil	ASP 89	A- Required	As required	As required
B203D	Soil	ASP 89	A ^c Required	As required	As required
GSA8(2-4)	Soil	ASP 89	As Required	As required	As required
GSB2(2-4)	Soil	ASP 89	A ^c Required	As required	A ^c required
GSA4(4-6)	Soil	ASP 89	A ^c Required	As required	As required
GSB5(4-6)	Soil	ASP 89	As Required	As required	As required
GSB1(10-12)	Soil	ASP 89	As Required	As required	As required
GSB4(10-12)	Soil	ASP 89	As Required	As required	As required
STW201	Aqueous	ASP 89	As Required	As required	As required
Field Blank I	Aqueous	ASP 89	As Required	As required	As required
Field Blank II	Aqueous	ASP 89	As Required	As required	As required
Field Blank III	Aqueous	ASP 89	As Required	As required	As required
Field Blank IV	Aqueous	ASP 89	As Required	As required	As required
Trip Blank I	Aqueous	ASP 89	As Required	As required	As required
Trip Blank II	Aqueous	ASP 89	As Required	A ^c required	As required
Trip Blank III	Aqueous	ASP 89	A ^c Required	A- required	As required
Trip Blank IV	Aqueous	ASP 89	A- Required	A ^c required	A ^c required

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B201D80100

Lab Name: RECRA ENVIRON Contract: NY91-831R

I b Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8

Matrix: (soil/water) SOIL Lab Sample ID: B201D80100

Sample wt/vol: 4.4 (g/mL) G Lab File ID: D4866

I vel: (low/med) MED Date Received: 08/17/91

% Moisture: not dec. 14 Date Analyzed: 08/21/91

C lumn: (pack/cap) PACK Dilution Factor: 1.00

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

74-87-3	Chloromethane	1300	U
74-83-9	Bromomethane	1300	U
75-01-4	Vinyl Chloride	1300	U
75-00-3	Chloroethane	1300	U
75-09-2	Methylene Chloride	660	U
67-64-1	Acetone	1300	U
75-15-0	Carbon Disulfide	660	U
75-35-4	1,1-Dichloroethene	660	U
75-34-3	1,1-Dichloroethane	660	U
540-59-0	1,2-Dichloroethene (total)	550	J
67-66-3	Chloroform	660	U
107-06-2	1,2-Dichloroethane	660	U
78-93-3	2-Butanone	1300	U
71-55-6	1,1,1-Trichloroethane	660	U
56-23-5	Carbon Tetrachloride	660	U
108-05-4	Vinyl Acetate	1300	U
75-27-4	Bromodichloromethane	660	U
78-87-5	1,2-Dichloropropane	660	U
10061-01-5	cis-1,3-dichloropropene	660	U
79-01-6	Trichloroethene	2500	
124-48-1	Dibromochloromethane	660	U
79-00-5	1,1,2-Trichloroethane	660	U
71-43-2	Benzene	660	U
10061-02-6	trans-1,3-dichloropropene	660	U
75-25-2	Bromoform	660	U
108-10-1	4-Methyl-2-Pentanone	1300	U
591-78-6	2-Hexanone	1300	U
127-18-4	Tetrachloroethene	660	U
79-34-5	1,1,2,2-Tetrachloroethane	660	U
108-88-3	Toluene	660	U
108-90-7	Chlorobenzene	660	U
100-41-4	Ethylbenzene	660	U
100-42-5	Styrene	660	U
1330-20-7	Total Xylenes	660	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

12

B201D80100

Lab Name: RECRA ENVIRON Contract: NY91-831R

I b Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8

Matrix: (soil/water) SOIL Lab Sample ID: B201D80100

Sample wt/vol: 4.4 (g/mL) G Lab File ID: D4866

Level: (low/med) MED Date Received: 08/17/91

% Moisture: not dec. 14 Date Analyzed: 08/21/91

Column (pack/cap) PACK Dilution Factor: 1.00

Number TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B201S12140

Lab Name: RECRA ENVIRON

Contract: NY91-831R

L b Code: RECNY

Case No.: 3603

SAS No.: _____

SDG No.: GSA8

Matrix: (soil/water) SOIL

Lab Sample ID: B201S12140

Sample wt/vol: 4.4 (g/mL) G

Lab File ID: D4869

I vel: (low/med) MED

Date Received: 08/20/91

% Moisture: not dec. 5

Date Analyzed: 08/21/91

c lumn: (pack/cap) PACK

Dilution Factor: 1.00

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

74-87-3-----	Chloromethane	1200	U
74-83-9-----	Bromomethane	1200	U
75-01-4-----	Vinyl Chloride	1200	U
75-00-3-----	Chloroethane	1200	U
75-09-2-----	Methylene Chloride	600	U
67-64-1-----	Acetone	1200	U
75-15-0-----	Carbon Disulfide	600	U
75-35-4-----	1,1-Dichloroethene	600	U
75-34-3-----	1,1-Dichloroethane	600	U
540-59-0-----	1,2-Dichloroethene (total)	300	J
67-66-3-----	Chloroform	600	U
107-06-2-----	1,2-Dichloroethane	600	U
78-93-3-----	2-Butanone	1200	U
71-55-6-----	1,1,1-Trichloroethane	600	U
56-23-5-----	Carbon Tetrachloride	600	U
108-05-4-----	Vinyl Acetate	1200	U
75-27-4-----	Bromodichloromethane	600	U
78-87-5-----	1,2-Dichloropropane	600	U
10061-01-5-----	cis-1,3-dichloropropene	600	U
79-01-6-----	Trichloroethene	3200	
124-48-1-----	Dibromochloromethane	600	U
79-00-5-----	1,1,2-Trichloroethane	600	U
71-43-2-----	Benzene	600	U
10061-02-6-----	trans-1,3-dichloropropene	600	U
75-25-2-----	Bromoform	600	U
108-10-1-----	4-Methyl-2-Pentanone	1200	U
591-78-6-----	2-Hexanone	1200	U
127-18-4-----	Tetrachloroethene	600	U
79-34-5-----	1,1,2,2-Tetrachloroethane	600	U
108-88-3-----	Toluene	600	U
108-90-7-----	Chlorobenzene	600	U
100-41-4-----	Ethylbenzene	600	U
100-42-5-----	Styrene	600	U
1330-20-7-----	Total Xylenes		U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO. 14

B201S12140

Lab Name: RECRA ENVIRON Contract: NY91-831R

L b Code: RECNY Case No.: 3603 SAS No.: SDG No.: GSA8

Matrix: (soil/water) SOIL Lab Sample ID: B201S12140

Sample wt/vol: 4.4 (g/mL) G Lab File ID: D4869

L vel: (low/med) MED Date Received: 08/20/91

Moisture: not dec. 5 Date Analyzed: 08/21/91

C lumn (pack/cap) PACK Dilution Factor: 1.00

Number TICs found: 1 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
	UNKNOWN	2.52	660	J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. **15**

GSA82040

Lab Name: RECRA ENVIRON Contract: NY91-831R
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8
 Matrix: (soil/water) SOIL Lab Sample ID: GSA82040
 Sample wt/vol: 4.0 (g/mL) G Lab File ID: D4781
 Level: (low/med) MED Date Received: 08/15/91
 % Moisture: not dec. 15 Date Analyzed: 08/18/91
 Column: (pack/cap) PACK Dilution Factor: 2.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	Chloromethane	2900	U
74-83-9	Bromomethane	2900	U
75-01-4	Vinyl Chloride	2900	U
75-00-3	Chloroethane	2900	U
75-09-2	Methylene Chloride	1500	U
67-64-1	Acetone	2900	U
75-15-0	Carbon Disulfide	1500	U
75-35-4	1,1-Dichloroethene	1500	U
75-34-3	1,1-Dichloroethane	1500	U
540-59-0	1,2-Dichloroethene (total)	1500	U
67-66-3	Chloroform	1500	U
107-06-2	1,2-Dichloroethane	1500	U
78-93-3	2-Butanone	2900	U
71-55-6	1,1,1-Trichloroethane	1500	U
56-23-5	Carbon Tetrachloride	1500	U
108-05-4	Vinyl Acetate	2900	U
75-27-4	Bromodichloromethane	1500	U
78-87-5	1,2-Dichloropropane	1500	U
10061-01-5	cis-1,3-dichloropropene	1500	U
79-01-6	Trichloroethene	51000	
124-48-1	Dibromochloromethane	1500	U
79-00-5	1,1,2-Trichloroethane	1500	U
71-43-2	Benzene	1500	U
10061-02-6	trans-1,3-dichloropropene	1500	U
75-25-2	Bromoform	1500	U
108-10-1	4-Methyl-2-Pentanone	1600	J
591-78-6	2-Hexanone	2900	U
127-18-4	Tetrachloroethene	230	J
79-34-5	1,1,2,2-Tetrachloroethane	1500	U
108-88-3	Toluene	2500	
108-90-7	Chlorobenzene	1500	U
100-41-4	Ethylbenzene	8100	
100-42-5	Styrene	1500	U
1330-20-7	Total Xylenes	50000	

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GSA82040

Lab Name: RECRA ENVIRON Contract: NY91-831R

L b Code: RECNY Case No.: 3603 SAS No.: SDG No.: GSA8

M-trix: (soil/water) SOIL Lab Sample ID: GSA82040

Sample wt/vol: 4.0 (g/mL) G Lab File ID: D4781

I vel: (low/med) MED Date Received: 08/15/91

% Moisture: not dec. 15 Date Analyzed: 08/18/91

C lumn (pack/cap) PACK Dilution Factor: 2.0

Number TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 17

GSB22040

Lab Name: RECRA ENVIRON Contract: NY91-831R
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8
 Matrix: (soil/water) SOIL Lab Sample ID: GSB22040
 Sample wt/vol: 1.3 (g/mL) G Lab File ID: H5854
 Level: (low/med) LOW Date Received: 08/15/91
 % Moisture: not dec. 13 Date Analyzed: 08/17/91
 Column: (pack/cap) PACK Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	Chloromethane	44	U
74-83-9	Bromomethane	44	U
75-01-4	Vinyl Chloride	44	U
75-00-3	Chloroethane	44	U
75-09-2	Methylene Chloride	22	U
67-64-1	Acetone	44	U
75-15-0	Carbon Disulfide	22	U
75-35-4	1,1-Dichloroethene	22	U
75-34-3	1,1-Dichloroethane	22	U
540-59-0	1,2-Dichloroethene (total)	22	U
67-66-3	Chloroform	22	U
107-06-2	1,2-Dichloroethane	22	U
78-93-3	2-Butanone	44	U
71-55-6	1,1,1-Trichloroethane	22	U
56-23-5	Carbon Tetrachloride	22	U
108-05-4	Vinyl Acetate	44	U
75-27-4	Bromodichloromethane	22	U
78-87-5	1,2-Dichloropropane	22	U
10061-01-5	cis-1,3-dichloropropene	22	U
79-01-6	Trichloroethene	700	U
124-48-1	Dibromochloromethane	22	U
79-00-5	1,1,2-Trichloroethane	22	U
71-43-2	Benzene	22	U
10061-02-6	trans-1,3-dichloropropene	22	U
75-25-2	Bromoform	22	U
108-10-1	4-Methyl-2-Pentanone	44	U
591-78-6	2-Hexanone	44	U
127-18-4	Tetrachloroethene	22	U
79-34-5	1,1,2,2-Tetrachloroethane	22	U
108-88-3	Toluene	22	J
108-90-7	Chlorobenzene	22	U
100-41-4	Ethylbenzene	44	U
100-42-5	Styrene	22	U
1330-20-7	Total Xylenes	130	

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO. 18

GSB22040

Lab Name: RECRA ENVIRON Contract: NY91-831R
L 5 Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8
Matrix: (soil/water) SOIL Lab Sample ID: GSB22040
Sample wt/vol: 1.3 (g/mL) G Lab File ID: H5854
Level: (low/med) LOW Date Received: 08/15/91
% Moisture: not dec. 13 Date Analyzed: 08/17/91
Column (pack/cap) PACK Dilution Factor: 1.0

Number TICs found: 0

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

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. **19**

GSA44060

Lab Name: RECRA ENVIRON

Contract: NY91-831R

Lab Code: RECNY

Case No.: 3603

SAS No.: _____

SDG No.: GSA8

Matrix: (soil/water) SOIL

Lab Sample ID: GSA44060

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

Lab File ID: H5916

Level: (low/med) LOW

Date Received: 08/17/91

% Moisture: not dec. 12

Date Analyzed: 08/20/91

Column: (pack/cap) PACK

Dilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO.

COMPOUND

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

Q

74-87-3-----	Chloromethane	11	U
74-83-9-----	Bromomethane	11	U
75-01-4-----	Vinyl Chloride	11	U
75-00-3-----	Chloroethane	11	U
75-09-2-----	Methylene Chloride	6	U
67-64-1-----	Acetone	16	B
75-15-0-----	Carbon Disulfide	6	U
75-35-4-----	1,1-Dichloroethene	6	U
75-34-3-----	1,1-Dichloroethane	6	U
540-59-0-----	1,2-Dichloroethene (total)	6	U
67-66-3-----	Chloroform	6	U
107-06-2-----	1,2-Dichloroethane	6	U
78-93-3-----	2-Butanone	11	U
71-55-6-----	1,1,1-Trichloroethane	6	U
56-23-5-----	Carbon Tetrachloride	6	U
108-05-4-----	Vinyl Acetate	11	U
75-27-4-----	Bromodichloromethane	6	U
78-87-5-----	1,2-Dichloropropane	6	U
10061-01-5-----	cis-1,3-dichloropropene	6	U
79-01-6-----	Trichloroethene	2	J
124-48-1-----	Dibromochloromethane	6	U
79-00-5-----	1,1,2-Trichloroethane	6	U
71-43-2-----	Benzene	6	U
10061-02-6-----	trans-1,3-dichloropropene	6	U
75-25-2-----	Bromoform	6	U
108-10-1-----	4-Methyl-2-Pentanone	11	U
591-78-6-----	2-Hexanone	11	U
127-18-4-----	Tetrachloroethene	6	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6	U
108-88-3-----	Toluene	6	U
108-90-7-----	Chlorobenzene	6	U
100-41-4-----	Ethylbenzene	6	U
100-42-5-----	Styrene	6	U
1330-20-7-----	Total Xylenes	6	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GSA44060

Lab Name: RECRA ENVIRON

Contract: NY91-831R

Lab Code: RECNY

Case No.: 3603

SAS No.: _____

SDG No.: GSA8

Matrix: (soil/water) SOIL

Lab Sample ID: GSA44060

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

Lab File ID: H5916

Level: (low/med) LOW

Date Received: 08/17/91

% Moisture: not dec. 12

Date Analyzed: 08/20/91

Column (pack/cap) PACK

Dilution Factor: 1.0

Number TICs found: 0

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

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 21

GSB54060

Lab Name: RECRA ENVIRON Contract: NY91-831R

I b Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8

M-trix: (soil/water) SOIL Lab Sample ID: GSB54060

Sample wt/vol: 5.0 (g/mL) G Lab File ID: H5849

I vel: (low/med) LOW Date Received: 08/15/91

% Moisture: not dec. 14 Date Analyzed: 08/17/91

C-lumn: (pack/cap) PACK Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	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	6	U
67-64-1	Acetone	14	
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	69	
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-dichloropropene	6	U
79-01-6	Trichloroethene	1300	E
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	10	
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-hexanone	12	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Total Xylenes	6	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

22

Lab Name: RECRA ENVIRON Contract: NY91-831R GSB54060

L b Code: RECNY Case No.: 3603 SAS No.: SDG No.: GSA8

Matrix: (soil/water) SOIL Lab Sample ID: GSB54060

Sample wt/vol: 5.0 (g/mL) G Lab File ID: H5849

L vel: (low/med) LOW Date Received: 08/15/91

% Moisture: not dec. 14 Date Analyzed: 08/17/91

C lumn (pack/cap) PACK Dilution Factor: 1.0

Number TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GSB54060DL

Lab Name: RECRA ENVIRONContract: NY91-831RLab Code: RECNYCase No.: 3603

SAS No.: _____

SDG No.: GSA8Matrix: (soil/water) SOILLab Sample ID: GSB54060DLSample wt/vol: 1.0 (g/mL) GLab File ID: H5881Level: (low/med) LOWDate Received: 08/15/91% Moisture: not dec. 14Date Analyzed: 08/19/91Column: (pack/cap) PACKDilution Factor: 1.0

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

74-87-3	Chloromethane	58	U
74-83-9	Bromomethane	58	U
75-01-4	Vinyl Chloride	58	U
75-00-3	Chloroethane	58	U
75-09-2	Methylene Chloride	29	U
67-64-1	Acetone	49	BDJ
75-15-0	Carbon Disulfide	29	U
75-35-4	1,1-Dichloroethene	29	U
75-34-3	1,1-Dichloroethane	29	U
540-59-0	1,2-Dichloroethene (total)	11	DJ
67-66-3	Chloroform	29	U
107-06-2	1,2-Dichloroethane	29	U
78-93-3	2-Butanone	58	U
71-55-6	1,1,1-Trichloroethane	29	U
56-23-5	Carbon Tetrachloride	29	U
108-05-4	Vinyl Acetate	58	U
75-27-4	Bromodichloromethane	29	U
78-87-5	1,2-Dichloropropane	29	U
10061-01-5	cis-1,3-dichloropropene	29	U
79-01-6	Trichloroethene	340	D
124-48-1	Dibromochloromethane	29	U
79-00-5	1,1,2-Trichloroethane	8	DJ
71-43-2	Benzene	29	U
10061-02-6	trans-1,3-dichloropropene	29	U
75-25-2	Bromoform	29	U
108-10-1	4-Methyl-2-Pentanone	58	U
591-78-6	2-Hexanone	58	U
127-18-4	Tetrachloroethene	29	U
79-34-5	1,1,2,2-Tetrachloroethane	29	U
108-88-3	Toluene	29	U
108-90-7	Chlorobenzene	29	U
100-41-4	Ethylbenzene	29	U
100-42-5	Styrene	29	U
1330-20-7	Total Xylenes	23	DJ

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GSB54060DL

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8

Matrix: (soil/water) SOIL Lab Sample ID: GSB54060DL

Sample wt/vol: 1.0 (g/mL) G Lab File ID: H5881

Level: (low/med) LOW Date Received: 08/15/91

% Moisture: not dec. 14 Date Analyzed: 08/19/91

C Column (pack/cap) PACK Dilution Factor: 1.0

Number TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 23

GSB1100120

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8

Matrix: (soil/water) SOIL Lab Sample ID: GSB1100120

Sample wt/vol: 5.0 (g/mL) G Lab File ID: H5850

Level: (low/med) LOW Date Received: 08/15/91

% Moisture: not dec. 14 Date Analyzed: 08/17/91

Column: (pack/cap) PACK Dilution Factor: 1.0

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

CAS NO.	COMPOUND		
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	6	U
67-64-1	Acetone	17	
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-dichloropropene	6	U
79-01-6	Trichloroethene	21	
124-48-1	Dibromochloromethane	6	
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Total Xylenes	2	J

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GSB1100120

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3603 SAS No.: SDG No.: GSA8

Matrix: (soil/water) SOIL Lab Sample ID: GSB1100120

Sample wt/vol: 5.0 (g/mL) G Lab File ID: H5850

Level: (low/med) LOW Date Received: 08/15/91

% Moisture: not dec. 14 Date Analyzed: 08/17/91

C Lumn (pack/cap) PACK Dilution Factor: 1.0

Number TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GSB4100120

Lab Name: RECRA ENVIRON

Contract: NY91-831R

I b Code: RECNY

Case No.: 3603

SAS No.: _____

SDG No.: GSA8

M=trix: (soil/water) SOIL

Lab Sample ID: GSB4100120

Sample wt/vol: 4.0 (g/mL) G

Lab File ID: D4784

I vel: (low/med) MED

Date Received: 08/15/91

% Moisture: not dec. 14

Date Analyzed: 08/18/91

c lumn: (pack/cap) PACK

Dilution Factor: 1.0

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

74-87-3-----	Chloromethane	1500	U
74-83-9-----	Bromomethane	1500	U
75-01-4-----	Vinyl Chloride	1500	U
75-00-3-----	Chloroethane	1500	U
75-09-2-----	Methylene Chloride	730	U
67-64-1-----	Acetone	1500	U
75-15-0-----	Carbon Disulfide	730	U
75-35-4-----	1,1-Dichloroethene	730	U
75-34-3-----	1,1-Dichloroethane	730	U
540-59-0-----	1,2-Dichloroethene (total)	78	J
67-66-3-----	Chloroform	730	U
107-06-2-----	1,2-Dichloroethane	730	U
78-93-3-----	2-Butanone	1500	U
71-55-6-----	1,1,1-Trichloroethane	730	U
56-23-5-----	Carbon Tetrachloride	730	U
108-05-4-----	Vinyl Acetate	1500	U
75-27-4-----	Bromodichloromethane	730	U
78-87-5-----	1,2-Dichloropropane	730	U
10061-01-5-----	cis-1,3-dichloropropene	730	U
79-01-6-----	Trichloroethene	880	
124-48-1-----	Dibromochloromethane	730	U
79-00-5-----	1,1,2-Trichloroethane	730	U
71-43-2-----	Benzene	730	U
10061-02-6-----	trans-1,3-dichloropropene	730	U
75-25-2-----	Bromoform	730	U
108-10-1-----	4-Methyl-2-Pentanone	1500	U
591-78-6-----	2-Hexanone	1500	U
127-18-4-----	Tetrachloroethene	730	U
79-34-5-----	1,1,2,2-Tetrachloroethane	730	U
108-88-3-----	Toluene	730	U
108-90-7-----	Chlorobenzene	730	U
100-41-4-----	Ethylbenzene	730	U
100-42-5-----	Styrene	730	U
1330-20-7-----	Total Xylenes	34	J

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GSB4100120

Lab Name: RECRA ENVIRON Contract: NY91-831R

I b Code: RECNY Case No.: 3603 SAS No.: SDG No.: GSA8

Matrix: (soil/water) SOIL Lab Sample ID: GSB4100120

Sample wt/vol: 4.0 (g/mL) G Lab File ID: D4784

I vel: (low/med) MED Date Received: 08/15/91

% Moisture: not dec. 14 Date Analyzed: 08/18/91

C lumn (pack/cap) PACK Dilution Factor: 1.0

Number TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

STW201

Lab Name: RECRA ENVIRON Contract: NY91-831R
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8
 Matrix: (soil/water) WATER Lab Sample ID: STW201
 Sample wt/vol: 5.0 (g/mL) ML Lab File ID: D4957
 Level: (low/med) LOW Date Received: 08/22/91
 % Moisture: not dec. _____ Date Analyzed: 08/24/91
 Column: (pack/cap) PACK Dilution Factor: 1.0

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 U
67-64-1	Acetone	10 U
75-15-0	Carbon Disulfide	5 U
75-35-4	1,1-Dichloroethene	5 U
75-34-3	1,1-Dichloroethane	5 U
540-59-0	1,2-Dichloroethene (total)	0.8 J
67-66-3	Chloroform	5 U
107-06-2	1,2-Dichloroethane	5 U
78-93-3	2-Butanone	10 U
71-55-6	1,1,1-Trichloroethane	5 U
56-23-5	Carbon Tetrachloride	5 U
108-05-4	Vinyl Acetate	10 U
75-27-4	Bromodichloromethane	5 U
78-87-5	1,2-Dichloropropane	5 U
10061-01-5	cis-1,3-dichloropropene	5 U
79-01-6	Trichloroethene	2 J
124-48-1	Dibromochloromethane	5 U
79-00-5	1,1,2-Trichloroethane	5 U
71-43-2	Benzene	5 U
10061-02-6	trans-1,3-dichloropropene	5 U
75-25-2	Bromoform	5 U
108-10-1	4-Methyl-2-Pentanone	10 U
591-78-6	2-Hexanone	10 U
127-18-4	Tetrachloroethene	5 U
79-34-5	1,1,2,2-Tetrachloroethane	5 U
108-88-3	Toluene	5 U
108-90-7	Chlorobenzene	5 U
100-41-4	Ethylbenzene	5 U
100-42-5	Styrene	5 U
1330-20-7	Total Xylenes	5 U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

STW201

Lab Name: RECRA ENVIRON Contract: NY91-831RI b Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8Matrix: (soil/water) WATERLab Sample ID: STW201Sample wt/vol: 5.0 (g/mL) MLLab File ID: D4957I vel: (low/med) LOWDate Received: 08/22/91

% Moisture: not dec. _____

Date Analyzed: 08/24/91C lumn (pack/cap) PACKDilution Factor: 1.0Number TICs found: 0CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FIELDBLANK1

Lab Name: RECRA ENVIRONContract: NY91-831RLab Code: RECNYCase No.: 3603

SAS No.: _____

SDG No.: GSA8Matrix: (soil/water) WATERLab Sample ID: FIELDBLANK1Sample wt/vol: 5.0 (g/mL) MLLab File ID: D4731Level: (low/med) LOWDate Received: 08/15/91

% Moisture: not dec. _____

Date Analyzed: 08/16/91Column: (pack/cap) PACKDilution Factor: 1.0

CAS NO.

COMPOUND

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

Q

74-87-3-----	Chloromethane	10	U
74-83-9-----	Bromomethane	10	U
75-01-4-----	Vinyl Chloride	10	U
75-00-3-----	Chloroethane	10	U
75-09-2-----	Methylene Chloride	5	U
67-64-1-----	Acetone	10	
75-15-0-----	Carbon Disulfide	5	U
75-35-4-----	1,1-Dichloroethene	5	U
75-34-3-----	1,1-Dichloroethane	5	U
540-59-0-----	1,2-Dichloroethene (total)	5	U
67-66-3-----	Chloroform	5	U
107-06-2-----	1,2-Dichloroethane	5	U
78-93-3-----	2-Butanone	10	U
71-55-6-----	1,1,1-Trichloroethane	5	U
56-23-5-----	Carbon Tetrachloride	5	U
108-05-4-----	Vinyl Acetate	10	U
75-27-4-----	Bromodichloromethane	5	U
78-87-5-----	1,2-Dichloropropane	5	U
10061-01-5-----	cis-1,3-dichloropropene	5	U
79-01-6-----	Trichloroethene	17	
124-48-1-----	Dibromochloromethane	5	U
79-00-5-----	1,1,2-Trichloroethane	5	U
71-43-2-----	Benzene	5	U
10061-02-6-----	trans-1,3-dichloropropene	5	U
75-25-2-----	Bromoform	5	U
108-10-1-----	4-Methyl-2-Pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	5	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5	U
108-88-3-----	Toluene	0.5	J
108-90-7-----	Chlorobenzene	5	U
100-41-4-----	Ethylbenzene	5	U
100-42-5-----	Styrene	5	U
1330-20-7-----	Total Xylenes	2	J

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FIELDBLANK1

Lab Name: RECRA ENVIRON Contract: NY91-831RLab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8Matrix: (soil/water) WATERLab Sample ID: FIELDBLANK1Sample wt/vol: 5.0 (g/mL) MLLab File ID: D4731Level: (low/med) LOWDate Received: 08/15/91

% Moisture: not dec. _____

Date Analyzed: 08/16/91Column (pack/cap) PACKDilution Factor: 1.0Number TICs found: 0CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FIELDBLANK2

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8

Matrix: (soil/water) WATER Lab Sample ID: FIELDBLANK2

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: D4732

Level: (low/med) LOW Date Received: 08/15/91

% Moisture: not dec. _____ Date Analyzed: 08/16/91

Column: (pack/cap) PACK Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	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	U
67-64-1-----	Acetone	16	
75-15-0-----	Carbon Disulfide	5	U
75-35-4-----	1,1-Dichloroethene	5	U
75-34-3-----	1,1-Dichloroethane	5	U
540-59-0-----	1,2-Dichloroethene (total)	5	U
67-66-3-----	Chloroform	5	U
107-06-2-----	1,2-Dichloroethane	5	U
78-93-3-----	2-Butanone	10	U
71-55-6-----	1,1,1-Trichloroethane	5	U
56-23-5-----	Carbon Tetrachloride	5	U
108-05-4-----	Vinyl Acetate	10	U
75-27-4-----	Bromodichloromethane	5	U
78-87-5-----	1,2-Dichloropropane	5	U
10061-01-5-----	cis-1,3-dichloropropene	5	U
79-01-6-----	Trichloroethene	0.5	J
124-48-1-----	Dibromochloromethane	5	U
79-00-5-----	1,1,2-Trichloroethane	5	U
71-43-2-----	Benzene	5	U
10061-02-6-----	trans-1,3-dichloropropene	5	U
75-25-2-----	Bromoform	5	U
108-10-1-----	4-Methyl-2-Pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	5	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5	U
108-88-3-----	Toluene	5	U
108-90-7-----	Chlorobenzene	5	U
100-41-4-----	Ethylbenzene	5	U
100-42-5-----	Styrene	5	U
1330-20-7-----	Total Xylenes	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FIELDBLANK2

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8

Matrix: (soil/water) WATER Lab Sample ID: FIELDBLANK2

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: D4732

Level: (low/med) LOW Date Received: 08/15/91

% Moisture: not dec. _____ Date Analyzed: 08/16/91

Column (pack/cap) PACK Dilution Factor: 1.0

Number TICs found: 0

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

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FIELDBLANK3

Lab Name: RECRA ENVIRON Contract: NY91-831R

L b Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8

Matrix: (soil/water) WATER Lab Sample ID: FIELDBLANK3

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: E2901

L vel: (low/med) LOW Date Received: 08/17/91

% Moisture: not dec. _____ Date Analyzed: 08/19/91

C lumn: (pack/cap) PACK Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
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	U
67-64-1-----	Acetone	10	U
75-15-0-----	Carbon Disulfide	5	U
75-35-4-----	1,1-Dichloroethene	5	U
75-34-3-----	1,1-Dichloroethane	5	U
540-59-0-----	1,2-Dichloroethene (total)	5	U
67-66-3-----	Chloroform	5	U
107-06-2-----	1,2-Dichloroethane	5	U
78-93-3-----	2-Butanone	10	U
71-55-6-----	1,1,1-Trichloroethane	5	U
56-23-5-----	Carbon Tetrachloride	5	U
108-05-4-----	Vinyl Acetate	10	U
75-27-4-----	Bromodichloromethane	5	U
78-87-5-----	1,2-Dichloropropane	5	U
10061-01-5-----	cis-1,3-dichloropropene	5	U
79-01-6-----	Trichloroethene	5	U
124-48-1-----	Dibromochloromethane	5	U
79-00-5-----	1,1,2-Trichloroethane	5	U
71-43-2-----	Benzene	5	U
10061-02-6-----	trans-1,3-dichloropropene	5	U
75-25-2-----	Bromoform	5	U
108-10-1-----	4-Methyl-2-Pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	5	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5	U
108-88-3-----	Toluene	5	U
108-90-7-----	Chlorobenzene	5	U
100-41-4-----	Ethylbenzene	5	U
100-42-5-----	Styrene	5	U
1330-20-7-----	Total Xylenes	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

38

FIELDBLANK3

Lab Name: RECRA ENVIRON

Contract: NY91-831R

Lab Code: RECNY

Case No.: 3603

SAS No.: _____

SDG No.: GSA8

Matrix: (soil/water) WATER

Lab Sample ID: FIELDBLANK3

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

Lab File ID: E2901

Level: (low/med) LOW

Date Received: 08/17/91

% Moisture: not dec. _____

Date Analyzed: 08/19/91

C Lumn (pack/cap) PACK

Dilution Factor: 1.0

Number TICs found: 0

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

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 37

FIELDBLANK4

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8

Matrix: (soil/water) WATER Lab Sample ID: FIELDBLANK4

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: D4865

Level: (low/med) LOW Date Received: 08120191

% Moisture: not dec. _____ Date Analyzed: 08/21/91

Column: (pack/cap) PACK Dilution Factor: 1.0

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	U
67-64-1-----	Acetone	10	U
75-15-0-----	Carbon Disulfide	5	U
75-35-4-----	1,1-Dichloroethene	5	U
75-34-3-----	1,1-Dichloroethane	5	U
540-59-0-----	1,2-Dichloroethene (total)	5	U
67-66-3-----	Chloroform	5	U
107-06-2-----	1,2-Dichloroethane	5	U
78-93-3-----	2-Butanone	10	U
71-55-6-----	1,1,1-Trichloroethane	5	U
56-23-5-----	Carbon Tetrachloride	5	U
108-05-4-----	Vinyl Acetate	10	U
75-27-4-----	Bromodichloromethane	5	U
78-87-5-----	1,2-Dichloropropane	5	U
10061-01-5-----	cis-1,3-dichloropropene	5	U
79-01-6-----	Trichloroethene	5	U
124-48-1-----	Dibromochloromethane	5	U
79-00-5-----	1,1,2-Trichloroethane	5	U
71-43-2-----	Benzene	5	U
10061-02-6-----	trans-1,3-dichloropropene	5	U
75-25-2-----	Bromoform	5	U
108-10-1-----	4-Methyl-2-Pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	5	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5	U
108-88-3-----	Toluene	5	U
108-90-7-----	Chlorobenzene	5	U
100-41-4-----	Ethylbenzene	5	U
100-42-5-----	Styrene	5	U
1330-20-7-----	Total Xylenes	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FIELDBLANK4

Lab Name: RECRA ENVIRONContract: NY91-831RLab Code: RECNYCase No.: 3603SAS No.: SDG No.: GSA8Matrix: (soil/water) WATERLab Sample ID: FIELDBLANK4Sample wt/vol: 5.0 (g/mL) MLLab File ID: D4865Level: (low/med) LOWDate Received: 08/20/91% Moisture: not dec. Date Analyzed: 08/21/91Column (pack/cap) PACKDilution Factor: 1.0Number TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRIPBLANK1

Lab Name: RECRA ENVIRON Contract: NY91-831R

L b Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8

Matrix: (soil/water) WATER Lab Sample ID: TRIPBLANK1

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: D4730

I vel: (low/med) LOW Date Received: 08/15/91

% Moisture: not dec. _____ Date Analyzed: 08/16/91

C lumn: (pack/cap) PACK Dilution Factor: 1.0

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	1	BJ
67-64-1-----	Acetone	10	U
75-15-0-----	Carbon Disulfide	5	U
75-35-4-----	1,1-Dichloroethene	5	U
75-34-3-----	1,1-Dichloroethane	5	U
540-59-0-----	1,2-Dichloroethene (total)	5	U
67-66-3-----	Chloroform	5	U
107-06-2-----	1,2-Dichloroethane	5	U
78-93-3-----	2-Butanone	10	U
71-55-6-----	1,1,1-Trichloroethane	5	U
56-23-5-----	Carbon Tetrachloride	5	U
108-05-4-----	Vinyl Acetate	10	U
75-27-4-----	Bromodichloromethane	5	U
78-87-5-----	1,2-Dichloropropane	5	U
10061-01-5-----	cis-1,3-dichloropropene	5	U
79-01-6-----	Trichloroethene	5	U
124-48-1-----	Dibromochloromethane	5	U
79-00-5-----	1,1,2-Trichloroethane	5	U
71-43-2-----	Benzene	5	U
10061-02-6-----	trans-1,3-dichloropropene	5	U
75-25-2-----	Bromoform	5	U
108-10-1-----	4-Methyl-2-Pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	5	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5	U
108-88-3-----	Toluene	5	U
108-90-7-----	Chlorobenzene	5	U
100-41-4-----	Ethylbenzene	5	U
100-42-5-----	Styrene	5	U
1330-20-7-----	Total Xylenes	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TRIPBLANK1

Lab Name: RECRA ENVIRON

Contract: NY91-831R

Lab Code: RECNY

Case No.: 3603

SAS No.: _____

SDG No.: GSA8

Matrix: (soil/water) WATER

Lab Sample ID: TRIPBLANK1

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

Lab File ID: D4730

Level: (low/med) LOW

Date Received: 08/15/91

% Moisture: not dec. _____

Date Analyzed: 08/16/91

Column (pack/cap) PACK

Dilution Factor: 1.0

.. Number TICs found: 0

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

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRIPBLANK2

Lab Name: RECRA ENVIRONContract: NY91-831RLab Code: RECNYCase No.: 3603

SAS No.: _____

SDG No.: GSA8Matrix: (soil/water) WATERLab Sample ID: TRIPBLANK2Sample wt/vol: 5.0 (g/mL) MLLab File ID: E2900Level: (low/med) LOWDate Received: 08/17/91

% Moisture: not dec. _____

Date Analyzed: 08/19/91Column: (pack/cap) PACKDilution Factor: 1.0

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 U
67-64-1	Acetone	10 U
75-15-0	Carbon Disulfide	5 U
75-35-4	1,1-Dichloroethene	5 U
75-34-3	1,1-Dichloroethane	5 U
540-59-0	1,2-Dichloroethene (total)	5 U
67-66-3	Chloroform	5 U
107-06-2	1,2-Dichloroethane	5 U
78-93-3	2-Butanone	10 U
71-55-6	1,1,1-Trichloroethane	5 U
56-23-5	Carbon Tetrachloride	5 U
108-05-4	Vinyl Acetate	10 U
75-27-4	Bromodichloromethane	5 U
78-87-5	1,2-Dichloropropane	5 U
10061-01-5	cis-1,3-dichloropropene	5 U
79-01-6	Trichloroethene	5 U
124-48-1	Dibromochloromethane	5 U
79-00-5	1,1,2-Trichloroethane	5 U
71-43-2	Benzene	5 U
10061-02-6	trans-1,3-dichloropropene	5 U
75-25-2	Bromoform	5 U
108-10-1	4-Methyl-2-Pentanone	10 U
591-78-6	2-Hexanone	10 U
127-18-4	Tetrachloroethene	5 U
79-34-5	1,1,2,2-Tetrachloroethane	5 U
108-88-3	Toluene	5 U
108-90-7	Chlorobenzene	5 U
100-41-4	Ethylbenzene	5 U
100-42-5	Styrene	5 U
1330-20-7	Total xylenes	5 U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TRIPBLANK2

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8

Matrix: (soil/water) WATER Lab Sample ID: TRIPBLANK2

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: E2900

Level: (low/med) LOW Date Received: 08/17/91

% Moisture: not dec. _____ Date Analyzed: 08/19/91

Column (pack/cap) PACK Dilution Factor: 1.0

Number TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRIPBLANK3

Lab Name: RECRA ENVIRONContract: NY91-831RI b Code: RECNY Case No.: 3603SAS No.: _____ SDG No.: GSA8Matrix: (soil/water) WATERLab Sample ID: TRIPBLANK3Sample wt/vol: 5.0 (g/mL) MLLab File ID: D4864I vel: (low/med) LOWDate Received: 08/20/91

% Moisture: not dec. _____

Date Analyzed: 08/21/91C lumn: (pack/cap) PACKDilution Factor: 1.0

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	U
67-64-1-----	Acetone	10	U
75-15-0-----	Carbon Disulfide	5	U
75-35-4-----	1,1-Dichloroethene	5	U
75-34-3-----	1,1-Dichloroethane	5	U
540-59-0-----	1,2-Dichloroethene (total)	5	U
67-66-3-----	Chloroform	5	U
107-06-2-----	1,2-Dichloroethane	5	U
78-93-3-----	2-Butanone	10	U
71-55-6-----	1,1,1-Trichloroethane	5	U
56-23-5-----	Carbon Tetrachloride	5	U
108-05-4-----	Vinyl Acetate	10	U
75-27-4-----	Bromodichloromethane	5	U
78-87-5-----	1,2-Dichloropropane	5	U
10061-01-5-----	cis-1,3-dichloropropene	5	U
79-01-6-----	Trichloroethene	5	U
124-48-1-----	Dibromochloromethane	5	U
79-00-5-----	1,1,2-Trichloroethane	5	U
71-43-2-----	Benzene	5	U
10061-02-6-----	trans-1,3-dichloropropene	5	U
75-25-2-----	Bromoform	5	U
108-10-1-----	4-Methyl-2-Pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	5	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5	U
108-88-3-----	Toluene	5	U
108-90-7-----	Chlorobenzene	5	U
100-41-4-----	Ethylbenzene	5	U
100-42-5-----	Styrene	5	U
1330-20-7-----	Total Xylenes	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO. ⁴⁴

TRIPBLANK3

Lab Name: RECRA ENVIRON Contract: NY91-831R
 I b Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8
 Matrix: (soil/water) WATER Lab Sample ID: TRIPBLANK3
 Sample wt/vol: 5.0 (g/mL) ML Lab File ID: D4864
 I vel: (low/med) LOW Date Received: 08/20/91
 % Moisture: not dec. _____ Date Analyzed: 08/21/91
 C lumn (pack/cap) 'PACK Dilution Factor: 1.0

Number TICs found: 0 CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/L

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRIPBLANK4

Lab Name: RECRA ENVIRONContract: NY91-831RI b Code: RECNYCase No.: 3603

SAS No.: _____

SDG No.: GSA8Matrix: (soil/water) WATERLab Sample ID: TRIPBLANK4Sample wt/vol: 5.0 (g/mL) MLLab File ID: D4951I vel: (low/med) LOWDate Received: 24 MAR 14/91
08/22/91

% Moisture: not dec. _____

Date Analyzed: 08/24/91Column: (pack/cap) PACKDilution Factor: 1.0

CAS NO.

COMPOUND

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

Q

74-87-3-----	Chloromethane	10	U
74-83-9-----	Bromomethane	10	U
75-01-4-----	Vinyl Chloride	10	U
75-00-3-----	Chloroethane	10	U
75-09-2-----	Methylene Chloride	1	J
67-64-1-----	Acetone	10	U
75-15-0-----	Carbon Disulfide	5	U
75-35-4-----	1,1-Dichloroethene	5	U
75-34-3-----	1,1-Dichloroethane	5	U
540-59-0-----	1,2-Dichloroethene (total)	5	U
67-66-3-----	Chloroform	5	U
107-06-2-----	1,2-Dichloroethane	5	U
78-93-3-----	2-Butanone	10	U
71-55-6-----	1,1,1-Trichloroethane	5	U
56-23-5-----	Carbon Tetrachloride	5	U
108-05-4-----	Vinyl Acetate	10	U
75-27-4-----	Bromodichloromethane	5	U
78-87-5-----	1,2-Dichloropropane	5	U
10061-01-5-----	cis-1,3-dichloropropene	5	U
79-01-6-----	Trichloroethene	5	U
124-48-1-----	Dibromochloromethane	5	U
79-00-5-----	1,1,2-Trichloroethane	5	U
71-43-2-----	Benzene	5	U
10061-02-6-----	trans-1,3-dichloropropene	5	U
75-25-2-----	Bromoform	5	U
108-10-1-----	4-Methyl-2-Pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	5	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5	U
108-88-3-----	Toluene	5	U
108-90-7-----	Chlorobenzene	5	U
100-41-4-----	Ethylbenzene	5	U
100-42-5-----	Styrene	5	U
1330-20-7-----	Total Xylenes	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TRIPBLANK4

Lab Name: RECRA ENVIRONContract: NY91-831RLab Code: RECNYCase No.: 3603

SAS No.: _____

SDG No.: GSA8Matrix: (soil/water) WATERLab Sample ID: TRIPBLANK4Sample wt/vol: 5.0 (g/mL) MLLab File ID: D4951Level: (low/med) LOWDate Received: 08/22/91 ^{4 MAT} 11/12/91

% Moisture: not dec. _____

Date Analyzed: 08/24/91Column (pack/cap) PACKDilution Factor: 1.0Number TICs found: 0

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

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

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B201D80100

Lab Name: RECRA ENVIRON Contract: NY91-831R
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8
 Matrix: (soil/water) SOIL Lab Sample ID: B201D80100
 Sample wt/vol: 30.3 (g/mL) G Lab File ID: 8823Y
 Level: (low/med) LOW Date Received: 08/17/91
 % Moisture: not dec. 14 dec. _____ Date Extracted: 08/20/91
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 09/11/91
 GPC Cleanup: (Y/N) Y pH: 8.2 Dilution Factor: 1.0

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

108-95-2	Phenol	760	U
111-44-4	bis(2-Chloroethyl)Ether	760	U
95-57-8	2-Chlorophenol	760	U
541-73-1	1,3-Dichlorobenzene	760	U
106-46-7	1,4-Dichlorobenzene	760	U
100-51-6	Benzyl Alcohol	760	U
95-50-1	1,2-Dichlorobenzene	760	U
95-48-7	2-Methylphenol	760	U
108-60-1	bis(2-Chloroisopropyl)Ether	760	U
106-44-5	4-Methylphenol	760	U
621-64-7	N-Nitroso-Di-n-Propylamine	760	U
67-72-1	Hexachloroethane	760	U
98-95-3	Nitrobenzene	760	U
78-59-1	Isophorone	760	U
88-75-5	2-Nitrophenol	760	U
105-67-9	2,4-Dimethylphenol	760	U
65-85-0	Benzoic Acid	3700	U
111-91-1	bis(2-Chloroethoxy)Methane	760	U
120-83-2	2,4-Dichlorophenol	760	U
120-82-1	1,2,4-Trichlorobenzene	760	U
91-20-3	Naphthalene	760	U
106-47-8	4-Chloroaniline	760	U
87-68-3	Hexachlorobutadiene	760	U
59-50-7	4-Chloro-3-Methylphenol	760	U
91-57-6	2-Methylnaphthalene	760	U
77-47-4	Hexachlorocyclopentadiene	760	U
88-06-2	2,4,6-Trichlorophenol	760	U
95-95-4	2,4,5-Trichlorophenol	3700	U
91-58-7	2-Chloronaphthalene	760	U
88-74-4	2-Nitroaniline	3700	U
131-11-3	Dimethyl Phthalate	760	U
208-96-8	Acenaphthylene	760	U
606-20-2	2,6-Dinitrotoluene	760	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B201D80100

Lab Name: RECRA ENVIRONContract: NY91-831RLab Code: RECNYCase No.: 3603

SAS No.: _____

SDG No.: GSA8Matrix: (soil/water) SOILLab Sample ID: B201D80100sample wt/vol: 30.3 (g/mL) GLab File ID: 8823YLevel: (low/med) LOWDate Received: 08/17/91% Moisture: not dec. 14 dec. _____Date Extracted: 08/20/91Extraction: (SepF/Cont/Sonc) SONCDate Analyzed: 09/11/91GPC Cleanup: (Y/N) Y pH: 8.2Dilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO.

COMPOUND

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

Q

99-09-2-----	3-Nitroaniline	3700	U
83-32-9-----	Acenaphthene	760	U
51-28-5-----	2,4-Dinitrophenol	3700	U
100-02-7-----	4-Nitrophenol	3700	U
132-64-9-----	Dibenzofuran	760	U
121-14-2-----	2,4-Dinitrotoluene	760	U
84-66-2-----	Diethylphthalate	760	U
7005-72-3-----	4-Chlorophenyl-phenylether	760	U
86-73-7-----	Fluorene	760	U
100-01-6-----	4-Nitroaniline	3700	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	3700	U
86-30-6-----	N-Nitrosodiphenylamine (1)	760	U
101-55-3-----	4-Bromophenyl-phenylether	760	U
118-74-1-----	Hexachlorobenzene	760	U
87-86-5-----	Pentachlorophenol	3700	U
85-01-8-----	Phenanthrene	760	U
120-12-7-----	Anthracene	760	U
84-74-2-----	Di-n-Butylphthalate	660	J
206-44-0-----	Fluoranthene	760	U
129-00-0-----	Pyrene	760	U
85-68-7-----	Butylbenzylphthalate	760	U
91-94-1-----	3,3'-Dichlorobenzidine	1500	U
56-55-3-----	Benzo(a)Anthracene	760	U
218-01-9-----	Chrysene	760	U
117-81-7-----	Bis(2-Ethylhexyl)Phthalate	140	J
117-84-0-----	Di-n-Octyl Phthalate	760	U
205-99-2-----	Benzo(b)Fluoranthene	760	U
207-08-9-----	Benzo(k)Fluoranthene	760	U
50-32-8-----	Benzo(a)Pyrene	760	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	760	U
53-70-3-----	Dibenz(a,h)Anthracene	760	U
191-24-2-----	Benzo(g,h,i)Perylene	760	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

49

EPA Sample No.: B201D80100

Lab Name: RECRA ENVIRONMENTAL, INC.

Contract: NY91-831R

Lab Code: RECNY Case No: 3603 SAS No.:

SDG No.: GSA8

Matrix (Soil/Water): SOIL

Lab Sample ID.: B201D80100

Sample wt/vol: 30.3 (g/ml): G

Lab File ID.: 8823Y

Level (low/med): LOW

Date Received: 08/17/91

% Moisture not Dec: 14 Dec:

Date Extracted: 08/20/91

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

Date Analyzed: 09/11/91

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

Dilution Factor: 1.0

Number TICs Found: 1

Concentration Units:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	UNKNOWN	6.75	420	J
2	SUSPECTED ALDOL COND.PRODUCT	7.50	810	AJ
3				
4				
5				
6				
7				
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B201S12140

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8

Matrix: (soil/water) SOIL Lab Sample ID: B201S12140

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 8763Y

Level: (low/med) LOW Date Received: 08/20/91

% Moisture: not dec. 14 dec. _____ Date Extracted: 08/22/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 09/06/91

GPC Cleanup: (Y/N) Y pH: 8.0 Dilution Factor: 1.0

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

108-95-2-----	Phenol	760	U
111-44-4-----	bis(2-Chloroethyl) Ether	760	U
95-57-8-----	2-Chlorophenol	760	U
541-73-1-----	1,3-Dichlorobenzene	760	U
106-46-7-----	1,4-Dichlorobenzene	760	U
100-51-6-----	Benzyl Alcohol	760	U
95-50-1-----	1,2-Dichlorobenzene	760	U
95-48-7-----	2-Methylphenol	760	U
108-60-1-----	bis(2-Chloroisopropyl) Ether	760	U
106-44-5-----	4-Methylphenol	760	U
621-64-7-----	N-Nitroso-Di-n-Propylamine	760	U
67-72-1-----	Hexachloroethane	760	U
98-95-3-----	Nitrobenzene	760	U
78-59-1-----	Isophorone	760	U
88-75-5-----	2-Nitrophenol	760	U
105-67-9-----	2,4-Dimethylphenol	760	U
65-85-0-----	Benzoic Acid	3700	U
111-91-1-----	bis(2-Chloroethoxy)Methane	760	U
120-83-2-----	2,4-Dichlorophenol	760	U
120-82-1-----	1,2,4-Trichlorobenzene	760	U
91-20-3-----	Naphthalene	760	U
106-47-8-----	4-Chloroaniline	760	U
87-68-3-----	Hexachlorobutadiene	760	U
59-50-7-----	4-Chloro-3-Methylphenol	760	U
91-57-6-----	2-Methylnaphthalene	760	U
77-47-4-----	Hexachlorocyclopentadiene	760	U
88-06-2-----	2,4,6-Trichlorophenol	760	U
95-95-4-----	2,4,5-Trichlorophenol	3700	U
91-58-7-----	2-Chloronaphthalene	760	U
88-74-4-----	2-Nitroaniline	3700	U
131-11-3-----	Dimethyl Phthalate	760	U
208-96-8-----	Acenaphthylene	760	U
606-20-2-----	2,6-Dinitrotoluene	760	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B201S12140

Lab Name: RECRA ENVIRONContract: NY91-831RLab Code: RECNYCase No.: 3603

SAS No.: _____

SDG No.: GSA8Matrix: (soil/water) SOILLab Sample ID: B201S12140sample wt/vol: 30.1 (g/mL) GLab File ID: 8763YLevel: (low/med) LOWDate Received: 08/20/91% Moisture: not dec. 14 dec. _____Date Extracted: 08/22/91Extraction: (SepF/Cont/Sonc) SONCDate Analyzed: 09/06/91GPC Cleanup: (Y/N) Y pH: 8.0Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2-----	3-Nitroaniline	3700	U
83-32-9-----	Acenaphthene	760	U
51-28-5-----	2,4-Dinitrophenol	3700	U
100-02-7-----	4-Nitrophenol	3700	U
132-64-9-----	Dibenzofuran	760	U
121-14-2-----	2,4-Dinitrotoluene	760	U
84-66-2-----	Diethylphthalate	760	U
7005-72-3-----	4-Chlorophenyl-phenylether	760	U
86-73-7-----	Fluorene	760	U
100-01-6-----	4-Nitroaniline	3700	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	3700	U
86-30-6-----	N-Nitrosodiphenylamine (1)	760	U
101-55-3-----	4-Bromophenyl-phenylether	760	U
118-74-1-----	Hexachlorobenzene	760	U
87-86-5-----	Pentachlorophenol	3700	U
85-01-8-----	Phenanthrene	760	U
120-12-7-----	Anthracene	760	U
84-74-2-----	Di-n-Butylphthalate	7600	
206-44-0-----	Fluoranthene	760	U
129-00-0-----	Pyrene	760	U
85-68-7-----	Butylbenzylphthalate	760	U
91-94-1-----	3,3'-Dichlorobenzidine	1500	U
56-55-3-----	Benzo(a)Anthracene	760	U
218-01-9-----	Chrysene	760	U
117-81-7-----	Bis(2-Ethylhexyl)Phthalate	160	J
117-84-0-----	Di-n-Octyl Phthalate	760	U
205-99-2-----	Benzo(b)Fluoranthene	760	U
207-08-9-----	Benzo(k)Fluoranthene	760	U
50-32-8-----	Benzo(a)Pyrene	760	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	760	U
53-70-3-----	Dibenz(a,h)Anthracene	760	U
191-24-2-----	Benzo(g,h,i)Perylene	760	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

52

Lab Name: RECRA ENVIRONMENTAL, INC.	EPA Sample No.: B201S12140
Lab Code: RECNY Case No: 3603 SAS No.:	Contract: NY91-831R
Matrix (Soil/Water): SOIL	SDG No.: GSA8
Sample wt/vol: 30.1 (g/mL): G	Lab Sample ID.: B201S12140
Level (low/med): LOW	Lab File ID.: 8763Y
% Moisture not Dec: 14 Dec:	Date Received: 08/20/91
LeTraction: (SepF/Cont/Sonc/Sox): SONC	Date Extracted: 08/22/91
CCC Cleanup: (Y/N): Y pH: 8.0	Date Analyzed: 09/06/91
Number TICs Found: 2	Dilution Factor: 1.0
	Concentration Units: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	UNKNOWN	6.92	740	BJ
2	SUSPECTED ALDOL COND.PRODUCT	7.65	870	ABJ
3	UNKNOWN	31.43	430	J
4				
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6				
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B202D6080

Lab Name: RECRA ENVIRONContract: NY91-831RLab Code: RECNYCase No.: 3603

SAS No.: _____

SDG No.: GSA8Matrix: (soil/water) SOILLab Sample ID: B202D6080sample wt/vol: 30.7 (g/mL) GLab File ID: 6194WLevel: (low/med) LOWDate Received: 08/24/91% Moisture: not dec. 16 dec. _____Date Extracted: 08/29/91Extraction: (SepF/Cont/Sonc) SONCDate Analyzed: 09/18/91GPC Cleanup: (Y/N) Y pH: 8.2Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
108-95-2	Phenol	770	U
111-44-4	bis(2-Chloroethyl)Ether	770	U
95-57-8	2-Chlorophenol	770	U
541-73-1	1,3-Dichlorobenzene	770	U
106-46-7	1,4-Dichlorobenzene	770	U
100-51-6	Benzyl Alcohol	770	U
95-50-1	1,2-Dichlorobenzene	770	U
95-48-7	2-Methylphenol	770	U
108-60-1	bis(2-Chloroisopropyl)Ether	770	U
106-44-5	4-Methylphenol	770	U
621-64-7	N-Nitroso-Di-n-Propylamine	770	U
67-72-1	Hexachloroethane	770	U
98-95-3	Nitrobenzene	770	U
78-59-1	Isophorone	770	U
88-75-5	2-Nitrophenol	770	U
105-67-9	2,4-Dimethylphenol	770	U
65-85-0	Benzoic Acid	3700	U
111-91-1	bis(2-Chloroethoxy)Methane	770	U
120-83-2	2,4-Dichlorophenol	770	U
120-82-1	1,2,4-Trichlorobenzene	770	U
91-20-3	Naphthalene	770	U
106-47-8	4-Chloroaniline	770	U
87-68-3	Hexachlorobutadiene	770	U
59-50-7	4-Chloro-3-Methylphenol	770	U
91-57-6	2-Methylnaphthalene	770	U
77-47-4	Hexachlorocyclopentadiene	770	U
88-06-2	2,4,6-Trichlorophenol	770	U
95-95-4	2,4,5-Trichlorophenol	3700	U
91-58-7	2-Chloronaphthalene	770	U
88-74-4	2-Nitroaniline	3700	U
131-11-3	Dimethyl Phthalate	770	U
208-96-8	Acenaphthylene	770	
606-20-2	2,6-Dinitrotoluene	770	

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B202D6080

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8

Matrix: (soil/water) SOIL Lab Sample ID: B202D6080

Sample wt/vol: 30.7 (g/mL) G Lab File ID: 6194W

Level: (low/med) LOW Date Received: 08/24/91

% Moisture: not dec. 16 dec. _____ Date Extracted: 08/29/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 09/18/91

GPC Cleanup: (Y/N) Y pH: 8.2 Dilution Factor: 1.0

		CONCENTRATION UNITS:	
CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>UG/KG</u>	<u>Q</u>
99-09-2-----	3-Nitroaniline	3700	U
83-32-9-----	Acenaphthene	770	U
51-28-5-----	2,4-Dinitrophenol	3700	U
100-02-7-----	4-Nitrophenol	3700	U
132-64-9-----	Dibenzofuran	770	U
121-14-2-----	2,4-Dinitrotoluene	770	U
84-66-2-----	Diethylphthalate	770	U
7005-72-3-----	4-Chlorophenyl-phenylether	770	U
86-73-7-----	Fluorene	770	U
100-01-6-----	4-Nitroaniline	3700	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	3700	U
86-30-6-----	N-Nitrosodiphenylamine (1)	770	U
101-55-3-----	4-Bromophenyl-phenylether	770	U
118-74-1-----	Hexachlorobenzene	770	U
87-86-5-----	Pentachlorophenol	3700	U
85-01-8-----	Phenanthrene	770	U
120-12-7-----	Anthracene	770	U
84-74-2-----	Di-n-Butylphthalate	4800	B
206-44-0-----	Fluoranthene	770	U
129-00-0-----	Pyrene	770	U
85-68-7-----	Butylbenzylphthalate	770	U
91-94-1-----	3,3'-Dichlorobenzidine	1500	U
56-55-3-----	Benzo(a) Anthracene	770	U
218-01-9-----	Chrysene	770	U
117-81-7-----	Bis(2-Ethylhexyl) Phthalate	770	U
117-84-0-----	Di-n-Octyl Phthalate	770	U
205-99-2-----	Benzo(b) Fluoranthene	770	U
207-08-9-----	Benzo(k) Fluoranthene	770	U
50-32-8-----	Benzo(a) Pyrene	770	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	770	U
53-70-3-----	Dibenz(a,h)Anthracene	770	U
191-24-2-----	Benzo(g,h,i)Perylene	---	U

(1) - Cannot be separated from Diphenylamine

1F.
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

55

EPA Sample No.: B202D6080

Lab Name: RECRA ENVIRONMENTAL, INC.

Contract: NY91-831R

Lab Code: RECNY Case No: 3603 SAS No.:

SDG No.: GSA8

Matrix (Soil/Water): SOIL

Lab Sample ID.: B202D6080

Sample wt/vol: 30.7 (g/ml): G

Lab File ID.: 6194W

Level (low/med): LOW

Date Received: 08/24/91

% Moisture not Dec: 16 Dec:

Date Extracted: 08/29/91

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

Date Analyzed: 09/18/91

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

Dilution Factor: 1.0

Number TICs Found: 0

Concentration Units:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	SUSPECTED ALDOL COND. PRODUCT	8.52	860	ABJ
2				
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B203D

Lab Name: RECRA ENVIRON Contract: NY91-831R
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8
 Matrix: (soil/water) SOIL Lab Sample ID: B203D
 Sample wt/vol: 30.2 (g/mL) G Lab File ID: 8770Y
 Level: (low/med) LOW Date Received: 08/22/91
 % Moisture: not dec. 13 dec. _____ Date Extracted: 08/26/91
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 09/06/91
 GPC Cleanup: (Y/N) Y pH: 8.0 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
108-95-2	Phenol	750	U
111-44-4	bis(2-Chloroethyl) Ether	750	U
95-57-8	2-Chlorophenol	750	U
541-73-1	1,3-Dichlorobenzene	750	U
106-46-7	1,4-Dichlorobenzene	750	U
100-51-6	Benzyl Alcohol	750	U
95-50-1	1,2-Dichlorobenzene	750	U
95-48-7	2-Methylphenol	750	U
108-60-1	bis(2-Chloroisopropyl) Ether	750	U
106-44-5	4-Methylphenol	750	U
621-64-7	N-Nitroso-Di-n-Propylamine	750	U
67-72-1	Hexachloroethane	750	U
98-95-3	Nitrobenzene	750	U
78-59-1	Isophorone	750	U
88-75-5	2-Nitrophenol	750	U
105-67-9	2,4-Dimethylphenol	750	U
65-85-0	Benzoic Acid	3700	U
111-91-1	bis(2-Chloroethoxy)Methane	750	U
120-83-2	2,4-Dichlorophenol	750	U
120-82-1	1,2,4-Trichlorobenzene	750	U
91-20-3	Naphthalene	750	U
106-47-8	4-Chloroaniline	750	U
87-68-3	Hexachlorobutadiene	750	U
59-50-7	4-Chloro-3-Methylphenol	750	U
91-57-6	2-Methylnaphthalene	750	U
77-47-4	Hexachlorocyclopentadiene	750	U
88-06-2	2,4,6-Trichlorophenol	750	U
95-95-4	2,4,5-Trichlorophenol	3700	U
91-58-7	2-Chloronaphthalene	750	U
88-74-4	2-Nitroaniline	3700	
131-11-3	Dimethyl Phthalate	750	
208-96-8	Acenaphthylene	750	
606-20-2	2,6-Dinitrotoluene	---	

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B203D

Lab Name: RECRA ENVIRONContract: NY91-831RLab Code: RECNYCase No.: 3603

SAS No.: _____

SDG No.: GSA8Matrix: (soil/water) SOILLab Sample ID: B203Dsample wt/vol: 30.2 (g/mL) GLab File ID: 8770YLevel: (low/med) LOWDate Received: 08/22/91% Moisture: not dec. 13 dec. _____Date Extracted: 08/26/91Extraction: (SepF/Cont/Sonc) SONCDate Analyzed: 09/06/91GPC Cleanup: (Y/N) Y pH: 8.0Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2-----	3-Nitroaniline	3700	U
83-32-9-----	Acenaphthene	750	U
51-28-5-----	2,4-Dinitrophenol	3700	U
100-02-7-----	4-Nitrophenol	3700	U
132-64-9-----	Dibenzofuran	750	U
121-14-2-----	2,4-Dinitrotoluene	750	U
84-66-2-----	Diethylphthalate	750	U
7005-72-3-----	4-Chlorophenyl-phenylether	750	U
86-73-7-----	Fluorene	750	U
100-01-6-----	4-Nitroaniline	3700	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	3700	U
86-30-6-----	N-Nitrosodiphenylamine (1)	750	U
101-55-3-----	4-Bromophenyl-phenylether	750	U
118-74-1-----	Hexachlorobenzene	750	U
87-86-5-----	Pentachlorophenol	3700	U
85-01-8-----	Phenanthrene	750	U
120-12-7-----	Anthracene	750	U
84-74-2-----	Di-n-Butylphthalate	1600	B
206-44-0-----	Fluoranthene	750	U
129-00-0-----	Pyrene	750	U
85-68-7-----	Butylbenzylphthalate	750	U
91-94-1-----	3,3'-Dichlorobenzidine	1500	U
56-55-3-----	Benzo(a)Anthracene	750	U
218-01-9-----	Chrysene	750	U
117-81-7-----	Bis(2-Ethylhexyl)Phthalate	1700	
117-84-0-----	Di-n-Octyl Phthalate	750	U
205-99-2-----	Benzo(b)Fluoranthene	750	U
207-08-9-----	Benzo(k)Fluoranthene	750	U
50-32-8-----	Benzo(a)Pyrene	750	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	750	U
53-70-3-----	Dibenz(a,h)Anthracene	750	U
191-24-2-----	Benzo(g,h,i)Perylene	---	U

(1) - Cannot be separated from Diphenylamine

EPA Sample No. : B203D

Contract: NY91-831R

SDG No.: GSA8

Lab Sample ID.: B203D

Lab File ID.: 8770Y

Date Received: 08/22/91

Date Extracted: 08/26/91

Date Analyzed: 09/06/91

Dilution Factor: 1.0

Concentration Units:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	SUSPECTED ALDOL COND.PRODUCT	7.65	520	AJ
2				
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GSA82040

Lab Name: RECRA ENVIRONContract: NY91-831RLab Code: RECNYCase No.: 3603

SAS No.: _____

SDG No.: GSA8Matrix: (soil/water) SOILLab Sample ID: GSA82040sample wt/vol: 30.1 (g/mL) GLab File ID: 8826YLevel: (low/med) LOWDate Received: 08/15/91% Moisture: not dec. 17 dec. _____Date Extracted: 09/09/91Extraction: (SepF/Cont/Sonc) SONCDate Analyzed: 09/11/91GPC Cleanup: (Y/N) Y pH: 8.2Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
108-95-2	Phenol	790	U
111-44-4	bis(2-Chloroethyl) Ether	790	U
95-57-8	2-Chlorophenol	790	U
541-73-1	1,3-Dichlorobenzene	790	U
106-46-7	1,4-Dichlorobenzene	790	U
100-51-6	Benzyl Alcohol	790	U
95-50-1	1,2-Dichlorobenzene	790	U
95-48-7	2-Methylphenol	790	U
108-60-1	bis(2-Chloroisopropyl) Ether	790	U
106-44-5	4-Methylphenol	790	U
621-64-7	N-Nitroso-Di-n-Propylamine	790	U
67-72-1	Hexachloroethane	790	U
98-95-3	Nitrobenzene	790	U
78-59-1	Isophorone	790	U
88-75-5	2-Nitrophenol	790	U
105-67-9	2,4-Dimethylphenol	790	U
65-85-0	Benzoic Acid	3800	U
111-91-1	bis(2-Chloroethoxy) Methane	790	U
120-83-2	2,4-Dichlorophenol	790	U
120-82-1	1,2,4-Trichlorobenzene	790	U
91-20-3	Naphthalene	790	U
106-47-8	4-Chloroaniline	790	U
87-68-3	Hexachlorobutadiene	790	U
59-50-7	4-Chloro-3-Methylphenol	790	U
91-57-6	2-Methylnaphthalene	790	U
77-47-4	Hexachlorocyclopentadiene	790	U
88-06-2	2,4,6-Trichlorophenol	790	U
95-95-4	2,4,5-Trichlorophenol	3800	U
91-58-7	2-Chloronaphthalene	790	U
88-74-4	2-Nitroaniline	3800	U
131-11-3	Dimethyl Phthalate	790	U
208-96-8	Acenaphthylene	790	U
606-20-2	2,6-Dinitrotoluene	790	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GSA82040

Lab Name: RECRA ENVIRON Contract: NY91-831RLab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8Matrix: (soil/water) SOIL Lab Sample ID: GSA82040sample wt/vol: 30.1 (g/mL) G Lab File ID: 8826YLevel: (low/med) LOW Date Received: 08/15/91% Moisture: not dec. 17 dec. _____ Date Extracted: 09/09/91Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 09/11/91GPC Cleanup: (Y/N) Y pH: 8.2 Dilution Factor: 1.0

CONCENTRATION UNITS:

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

99-09-2-----	3-Nitroaniline	3800	U
83-32-9-----	Acenaphthene	790	U
51-28-5-----	2,4-Dinitrophenol	3800	U
100-02-7-----	4-Nitrophenol	3800	U
132-64-9-----	Dibenzofuran	790	U
121-14-2-----	2,4-Dinitrotoluene	790	U
84-66-2-----	Diethylphthalate	790	U
7005-72-3-----	4-Chlorophenyl-phenylether	790	U
86-73-7-----	Fluorene	790	U
100-01-6-----	4-Nitroaniline	3800	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	3800	U
86-30-6-----	N-Nitrosodiphenylamine (1)	790	U
101-55-3-----	4-Bromophenyl-phenylether	790	U
118-74-1-----	Hexachlorobenzene	790	U
87-86-5-----	Pentachlorophenol	3800	U
85-01-8-----	Phenanthrene	1300	
120-12-7-----	Anthracene	250	J
84-74-2-----	Di-n-Butylphthalate	790	U
206-44-0-----	Fluoranthene	1300	
129-00-0-----	Pyrene	1200	
85-68-7-----	Butylbenzylphthalate	790	U
91-94-1-----	3,3'-Dichlorobenzidine	1600	U
56-55-3-----	Benzo(a)Anthracene	560	J
218-01-9-----	Chrysene	610	J
117-81-7-----	Bis(2-Ethylhexyl)Phthalate	790	U
117-84-0-----	Di-n-Octyl Phthalate	790	U
205-99-2-----	Benzo(b)Fluoranthene	660	J
207-08-9-----	Benzo(k)Fluoranthene	350	J
50-32-8-----	Benzo(a)Pyrene	490	J
193-39-5-----	Indeno(1,2,3-cd)Pyrene	380	J
53-70-3-----	Dibenz(a,h)Anthracene	790	U
191-24-2-----	Benzo(a,h,i)Perylene	790	J

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

61

Lab Name: RECRA ENVIRONMENTAL, INC. EPA Sample No.: GSA82040
 Lab Code: RECNY Case No: 3603 SAS No.: Contract: NY91-831R
 Matrix (Soil/Water): SOIL SDG No.: GSA8
 Sample wt/vol: 30.1 (g/ml): G Lab Sample ID.: GSA82040
 Level (low/med): LOW Lab File ID.: 8826Y
 % Moisture not Dec: 17 Dec: Date Received: 08/15/91
 Extraction: (SepF/Cont/Sonc/Sox): SONC Date Extracted: 09/09/91
 GPC Cleanup: (Y/N): Y pH: 8.2 Date Analyzed: 09/11/91
 Number TICs Found: 3 Dilution Factor: 1.0
 Concentration Units:
 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	SUSPECTED ALDOL COND.PRODUCT	6.42	210000	AJ
2	ALKYL SUBSTITUTED COMPOUND	8.23	670	BJ
3	UNKNOWN	11.93	9200	BJ
4	UNKNOWN	12.90	8800	BJ
5				
6				
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GSB22040

Lab Name: RECRA ENVIRON Contract: NY91-831RLab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8Matrix: (soil/water) SOIL Lab Sample ID: GSB22040Sample wt/vol: 30.0 (g/mL) G Lab File ID: 8745YLevel: (low/med) LOW Date Received: 08/15/91% Moisture: not dec. 14 dec. _____ Date Extracted: 08/19/91Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 09/05/91GPC Cleanup: (Y/N) Y pH: 8.0 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
108-95-2-----	Phenol	770	U
111-44-4-----	bis(2-Chloroethyl)Ether	770	U
95-57-8-----	2-Chlorophenol	770	U
541-73-1-----	1,3-Dichlorobenzene	770	U
106-46-7-----	1,4-Dichlorobenzene	770	U
100-51-6-----	Benzyl Alcohol	770	U
95-50-1-----	1,2-Dichlorobenzene	770	U
95-48-7-----	2-Methylphenol	770	U
108-60-1-----	bis(2-Chloroisopropyl) Ether	770	U
106-44-5-----	4-Methylphenol	770	U
621-64-7-----	N-Nitroso-Di-n-Propylamine	770	U
67-72-1-----	Hexachloroethane	770	U
98-95-3-----	Nitrobenzene	770	U
78-59-1-----	Isophorone	770	U
88-75-5-----	2-Nitrophenol	770	U
105-67-9-----	2,4-Dimethylphenol	770	U
65-85-0-----	Benzoic Acid	3700	U
111-91-1-----	bis(2-Chloroethoxy)Methane	770	U
120-83-2-----	2,4-Dichlorophenol	770	U
120-82-1-----	1,2,4-Trichlorobenzene	770	U
91-20-3-----	Naphthalene	770	U
106-47-8-----	4-Chloroaniline	770	U
87-68-3-----	Hexachlorobutadiene	770	U
59-50-7-----	4-Chloro-3-Methylphenol	770	U
91-57-6-----	2-Methylnaphthalene	770	U
77-47-4-----	Hexachlorocyclopentadiene	770	U
88-06-2-----	2,4,6-Trichlorophenol	770	U
95-95-4-----	2,4,5-Trichlorophenol	3700	U
91-58-7-----	2-Chloronaphthalene	770	U
88-74-4-----	2-Nitroaniline	3700	U
131-11-3-----	Dimethyl Phthalate	770	U
208-96-8-----	Acenaphthylene	770	U
606-20-2-----	2,6-Dinitrotoluene	770	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GSB22040

Lab Name: RECRA ENVIRONContract: NY91-831RLab Code: RECNYCase No.: 3603

SAS No.: _____

SDG No.: GSA8Matrix: (soil/water) SOILLab Sample ID: GSB22040sample wt/vol: 30.0 (g/mL) GLab File ID: 8745YLevel: (low/med) LOWDate Received: 08/15/91% Moisture: not dec. 14 dec. _____Date Extracted: 08/19/91Extraction: (SepF/Cont/Sonc) SONCDate Analyzed: 09/05/91GPC Cleanup: (Y/N) Y pH: 8.0Dilution Factor: 1.0

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

99-09-2-----	3-Nitroaniline	3700	U
83-32-9-----	Acenaphthene	770	U
51-28-5-----	2,4-Dinitrophenol	3700	U
100-02-7-----	4-Nitrophenol	3700	U
132-64-9-----	Dibenzofuran	770	U
121-14-2-----	2,4-Dinitrotoluene	770	U
84-66-2-----	Diethylphthalate	210	J
7005-72-3-----	4-Chlorophenyl-phenylether	770	U
86-73-7-----	Fluorene	770	U
100-01-6-----	4-Nitroaniline	3700	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	3700	U
86-30-6-----	N-Nitrosodiphenylamine (1)	770	U
101-55-3-----	4-Bromophenyl-phenylether	770	U
118-74-1-----	Hexachlorobenzene	770	U
87-86-5-----	Pentachlorophenol	3700	U
85-01-8-----	Phenanthrene	770	U
120-12-7-----	Anthracene	770	U
84-74-2-----	Di-n-Butylphthalate	1900	B
206-44-0-----	Fluoranthene	770	U
129-00-0-----	Pyrene	770	U
85-68-7-----	Butylbenzylphthalate	770	U
91-94-1-----	3,3'-Dichlorobenzidine	1500	U
56-55-3-----	Benzo(a)Anthracene	770	U
218-01-9-----	Chrysene	770	U
117-81-7-----	Bis(2-Ethylhexyl) Phthalate	85	J
117-84-0-----	Di-n-Octyl Phthalate	770	U
205-99-2-----	Benzo(b)Fluoranthene	770	U
207-08-9-----	Benzo(k)Fluoranthene	770	U
50-32-8-----	Benzo(a)Pyrene	770	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	770	U
53-70-3-----	Dibenz(a,h)Anthracene	770	U
191-24-2-----	Benzo(g,h,i)Perylene	770	U

(1) - Cannot be separated from Diphenylamine

EPA Sample No.: GEE422040

Contract: NY91-831R

SDG No.: GSA8

Lab Sample ID.: GEE422040

Lab File ID.: 8745Y

Date Received: 08/15/91

Date Extracted: 08/19/91

Date Analyzed: 09/05/91

Dilution Factor: 1.0

Concentration Units:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	UNKNOWN	7.03	2100	BJ
2	SUSPECTED ALDOL COND.PRODUCT	7.73	790	ABJ
3	UNKNOWN	8.68	570	J
4	ALKYL SUBSTITUED COMPOUND	31.37	2000	J
5				
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GSB54060

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8

Matrix: (soil/water) SOIL Lab Sample ID: GSB54060

Sample wt/vol: 30.9 (g/mL) G Lab File ID: 8749Y

Level: (low/med) LOW Date Received: 08/15/91

% Moisture: not dec. 14 dec. _____ Date Extracted: 08/19/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 09/05/91

GPC Cleanup: (Y/N) Y pH: 8.2 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
108-95-2	Phenol	740	U
111-44-4	bis(2-Chloroethyl) Ether	740	U
95-57-8	2-Chlorophenol	740	U
541-73-1	1,3-Dichlorobenzene	740	U
106-46-7	1,4-Dichlorobenzene	740	U
100-51-6	Benzyl Alcohol	740	U
95-50-1	1,2-Dichlorobenzene	740	U
95-48-7	2-Methylphenol	740	U
108-60-1	bis(2-Chloroisopropyl) Ether	740	U
106-44-5	4-Methylphenol	740	U
621-64-7	N-Nitroso-Di-n-Propylamine	740	U
67-72-1	Hexachloroethane	740	U
98-95-3	Nitrobenzene	740	U
78-59-1	Isophorone	740	U
88-75-5	2-Nitrophenol	740	U
105-67-9	2,4-Dimethylphenol	740	U
65-85-0	Benzoic Acid	3600	U
111-91-1	bis(2-Chloroethoxy) Methane	740	U
120-83-2	2,4-Dichlorophenol	740	U
120-82-1	1,2,4-Trichlorobenzene	740	U
91-20-3	Naphthalene	740	U
106-47-8	4-Chloroaniline	740	U
87-68-3	Hexachlorobutadiene	740	U
59-50-7	4-Chloro-3-Methylphenol	740	U
91-57-6	2-Methylnaphthalene	740	U
77-47-4	Hexachlorocyclopentadiene	740	U
88-06-2	2,4,6-Trichlorophenol	740	U
95-95-4	2,4,5-Trichlorophenol	3600	U
91-58-7	2-Chloronaphthalene	740	U
88-74-4	2-Nitroaniline	3600	U
131-11-3	Dimethyl Phthalate	740	U
208-96-8	Acenaphthylene	740	U
606-20-2	2,6-Dinitrotoluene	740	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GSB54060

Lab Name: RECRA ENVIRON Contract: NY91-831RLab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8Matrix: (soil/water) SOIL Lab Sample ID: GSB54060sample wt/vol: 30.9 (g/mL) G Lab File ID: 8749YLevel: (low/med) LOW Date Received: 08/15/91% Moisture: not dec. 14 dec. _____ Date Extracted: 08/19/91Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 09/05/91GPC Cleanup: (Y/N) Y pH: 8.2 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2-----	3-Nitroaniline	3600	U
83-32-9-----	Acenaphthene	740	U
51-28-5-----	2,4-Dinitrophenol	3600	U
100-02-7-----	4-Nitrophenol	3600	U
132-64-9-----	Dibenzofuran	740	U
121-14-2-----	2,4-Dinitrotoluene	740	U
84-66-2-----	Diethylphthalate	740	U
7005-72-3-----	4-Chlorophenyl-phenylether	740	U
86-73-7-----	Fluorene	740	U
100-01-6-----	4-Nitroaniline	3600	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	3600	U
86-30-6-----	N-Nitrosodiphenylamine (1)	740	U
101-55-3-----	4-Bromophenyl-phenylether	740	U
118-74-1-----	Hexachlorobenzene	740	U
87-86-5-----	Pentachlorophenol	3600	U
85-01-8-----	Phenanthrene	740	U
120-12-7-----	Anthracene	740	U
84-74-2-----	Di-n-Butylphthalate	260	BJ
206-44-0-----	Fluoranthene	740	U
129-00-0-----	Pyrene	740	U
85-68-7-----	Butylbenzylphthalate	740	U
91-94-1-----	3,3'-Dichlorobenzidine	1500	U
56-55-3-----	Benzo(a)Anthracene	740	U
218-01-9-----	Chrysene	740	U
117-81-7-----	Bis(2-Ethylhexyl)Phthalate	740	U
117-84-0-----	Di-n-Octyl Phthalate	740	U
205-99-2-----	Benzo(b)Fluoranthene	740	U
207-08-9-----	Benzo(k)Fluoranthene	740	U
50-32-8-----	Benzo(a)Pyrene	740	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	740	U
53-70-3-----	Dibenz(a,h)Anthracene	740	U
191-24-2-----	Benzo(q,h,i)Perylene	740	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA Sample No.: GSB54060

Contract: NY91-831R

SDG No.: GSA8

Lab Sample ID.: G.4060

Lab File ID.: 8749Y

Date Received: 08/15/91

Date Extracted: 08/19/91

Date Analyzed: 09/05/91

Dilution Factor: 1.0

Concentration Units:
(ug/L or ug/Kg) UG/KG

Lab Name: RECRA ENVIRONMENTAL, INC.

Lab Code: RECNY Case No: 3603 SAS No.:

Matrix (Soil/Water): SOIL

Sample wt/vol: 30.9 (g/ml): G

Level (low/med): LOW

% Moisture not Dec: 14 Dec:

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

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

Number TICs Found: 3

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	UNKNOWN	7.03	2200	BJ
2	SUSPECTED ALDOL COND. PRODUCT	7.73	700	ABJ
3	UNKNOWN	8.68	520	J
4	OXYBIS ETHANOL DERIVATIVE	9.15	420	J
5				
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GSB1100120

Lab Name: RECRA ENVIRON Contract: NY91-831R
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8
 Matrix: (soil/water) SOIL Lab Sample ID: GSB1100120
 Sample wt/vol: 30.1 (g/mL) G Lab File ID: 8750Y
 Level: (low/med) LOW Date Received: 08/15/91
 % Moisture: not dec. 14 dec. _____ Date Extracted: 08/19/91
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 09/05/91
 GPC Cleanup: (Y/N) Y pH: 8.2 Dilution Factor: 1.0

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

108-95-2	Phenol	760	U
111-44-4	bis(2-Chloroethyl) Ether	760	U
95-57-8	2-Chlorophenol	760	U
541-73-1	1,3-Dichlorobenzene	760	U
106-46-7	1,4-Dichlorobenzene	760	U
100-51-6	Benzyl Alcohol	760	U
95-50-1	1,2-Dichlorobenzene	760	U
95-48-7	2-Methylphenol	760	U
108-60-1	bis(2-Chloroisopropyl) Ether	760	U
106-44-5	4-Methylphenol	760	U
621-64-7	N-Nitroso-Di-n-Propylamine	760	U
67-72-1	Hexachloroethane	760	U
98-95-3	Nitrobenzene	760	U
78-59-1	Isophorone	760	U
88-75-5	2-Nitrophenol	760	U
105-67-9	2,4-Dimethylphenol	760	U
65-85-0	Benzoic Acid	3700	U
111-91-1	bis(2-Chloroethoxy) Methane	760	U
120-83-2	2,4-Dichlorophenol	760	U
120-82-1	1,2,4-Trichlorobenzene	760	U
91-20-3	Naphthalene	760	U
106-47-8	4-Chloroaniline	760	U
87-68-3	Hexachlorobutadiene	760	U
59-50-7	4-Chloro-3-Methylphenol	760	U
91-57-6	2-Methylnaphthalene	760	U
77-47-4	Hexachlorocyclopentadiene	760	U
88-06-2	2,4,6-Trichlorophenol	760	U
95-95-4	2,4,5-Trichlorophenol	3700	U
91-58-7	2-Chloronaphthalene	760	U
88-74-4	2-Nitroaniline	3700	U
131-11-3	Dimethyl Phthalate	760	U
208-96-8	Acenaphthylene	760	U
606-20-2	2,6-Dinitrotoluene	760	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. **69**

GSB1100120

Lab Name: RECRA ENVIRON

Contract: NY91-831R

Lab Code: RECNY

Case No.: 3603

SAS No.: _____

SDG No.: GSA8

Matrix: (soil/water) SOIL

Lab Sample ID: GSB1100120

Sample wt/vol: 30.1 (g/mL) G

Lab File ID: 8750Y

Level: (low/med) LOW

Date Received: 08/15/91

% Moisture: not dec. 14 dec. _____

Date Extracted: 08/19/91

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 09/05/91

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

Dilution Factor: 1.0

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

99-09-2-----	3-Nitroaniline	3700	U
83-32-9-----	Acenaphthene	760	U
51-28-5-----	2,4-Dinitrophenol	3700	U
100-02-7-----	4-Nitrophenol	3700	U
132-64-9-----	Dibenzofuran	760	U
121-14-2-----	2,4-Dinitrotoluene	760	U
84-66-2-----	Diethylphthalate	760	U
7005-72-3-----	4-Chlorophenyl-phenylether	760	U
86-73-7-----	Fluorene	760	U
100-01-6-----	4-Nitroaniline	3700	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	3700	U
86-30-6-----	N-Nitrosodiphenylamine (1)	760	U
101-55-3-----	4-Bromophenyl-phenylether	760	U
118-74-1-----	Hexachlorobenzene	760	U
87-86-5-----	Pentachlorophenol	3700	U
85-01-8-----	Phenanthrene	760	U
120-12-7-----	Anthracene	760	U
84-74-2-----	Di-n-Butylphthalate	300	BJ
206-44-0-----	Fluoranthene	760	U
129-00-0-----	Pyrene	760	U
85-68-7-----	Butylbenzylphthalate	760	U
91-94-1-----	2,2'-Dichlorobenzidine	1500	U
56-55-3-----	Benzo(a)Anthracene	760	U
218-01-9-----	Chrysene	760	U
117-81-7-----	Bis(2-Ethylhexyl)Phthalate	760	U
117-84-0-----	Di-n-Octyl Phthalate	760	U
205-99-2-----	Benzo(b)Fluoranthene	760	U
207-08-9-----	Benzo(k)Fluoranthene	760	U
50-32-8-----	Benzo(a)Pyrene	760	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	760	U
53-70-3-----	Dibenz(a,h)Anthracene	760	U
191-24-2-----	Benzo(g,h,i)Perylene	760	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA Sample No.: GSB1100120

Lab Name: RECRA ENVIRONMENTAL, INC.

Contract: NY91-831R

Lab Code: RECNY Case No: 3603 SAS No.:

SDG No.: GSAB

Matrix (Soil/Water): SOIL

Lab Sample ID.: GSB1100120

Sample wt/vol: 30.1 (g/ml): G

Lab File ID.: 8750Y

Level (low/med): LOW

Date Received: 08/15/91

% Moisture not Dec: 14 Dec:

Date Extracted: 08/19/91

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

Date Analyzed: 09/05/91

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

Dilution Factor: 1.0

Number TICs Found: 1

Concentration Units:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	UNKNOWN	7.00	2100	BJ
2	SUSPECTED ALDOL COND.PRODUCT	7.72	680	ABJ
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GSB4100120

Lab Name: RECRA ENVIRONContract: NY91-831R3b Code: RECNYCase No.: 3603

SAS No.: _____

SDG No.: GSA8Matrix: (soil/water) SOILLab Sample ID: GSB4100120sample wt/vol: 30.8 (g/mL) GLab File ID: 8751YLevel: (low/med) LOWDate Received: 08/15/91% Moisture: not dec. 13 dec. _____Date Extracted: 08/19/91Extraction: (SepF/Cont/Sonc) SONCDate Analyzed: 09/05/91GPC Cleanup: (Y/N) Y pH: 8.3Dilution Factor: 1.0

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

108-95-2-----	Phenol	740	U
111-44-4-----	bis(2-Chloroethyl) Ether	740	U
95-57-8-----	2-Chlorophenol	740	U
541-73-1-----	1,3-Dichlorobenzene	740	U
106-46-7-----	1,4-Dichlorobenzene	740	U
100-51-6-----	Benzyl Alcohol	740	U
95-50-1-----	1,2-Dichlorobenzene	740	U
95-48-7-----	2-Methylphenol	740	U
108-60-1-----	bis(2-Chloroisopropyl) Ether	740	U
106-44-5-----	4-Methylphenol	740	U
621-64-7-----	N-Nitroso-Di-n-Propylamine	740	U
67-72-1-----	Hexachloroethane	740	U
98-95-3-----	Nitrobenzene	740	U
78-59-1-----	Isophorone	740	U
88-75-5-----	2-Nitrophenol	740	U
105-67-9-----	2,4-Dimethylphenol	740	U
65-85-0-----	Benzoic Acid	3600	U
111-91-1-----	bis(2-Chloroethoxy) Methane	740	U
120-83-2-----	2,4-Dichlorophenol	740	U
120-82-1-----	1,2,4-Trichlorobenzene	740	U
91-20-3-----	Naphthalene	740	U
106-47-8-----	4-Chloroaniline	740	U
87-68-3-----	Hexachlorobutadiene	740	U
59-50-7-----	4-Chloro-3-Methylphenol	740	U
91-57-6-----	2-Methylnaphthalene	740	U
77-47-4-----	Hexachlorocyclopentadiene	740	U
88-06-2-----	2,4,6-Trichlorophenol	740	U
95-95-4-----	2,4,5-Trichlorophenol	3600	U
91-58-7-----	2-Chloronaphthalene	740	U
88-74-4-----	2-Nitroaniline	3600	U
131-11-3-----	Dimethyl Phthalate	740	U
208-96-8-----	Acenaphthylene	740	U
606-20-2-----	2,6-Dinitrotoluene	740	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GSB4100120

Lab Name: RECRA ENVIRON

Contract: NY91-831R

Lab Code: RECNY

Case No.: 3603

SAS No.: _____

SDG No.: GSA8

Matrix: (soil/water) SOIL

Lab Sample ID: GSB4100120

Sample wt/vol: 30.8 (g/mL) G

Lab File ID: 8751Y

Level: (low/med) LOW

Date Received: 08/15/91

% Moisture: not dec. 13 dec. _____

Date Extracted: 08/19/91

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 09/05/91

GPC Cleanup: (Y/N) Y

pH: 8.3

Dilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO.

COMPOUND

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

Q

99-09-2-----	3-Nitroaniline	3600	U
83-32-9-----	Acenaphthene	740	U
51-28-5-----	2,4-Dinitrophenol	3600	U
100-02-7-----	4-Nitrophenol	3600	U
132-64-9-----	Dibenzofuran	740	U
121-14-2-----	2,4-Dinitrotoluene	740	U
84-66-2-----	Diethylphthalate	100	J
7005-72-3-----	4-Chlorophenyl-phenylether	740	U
86-73-7-----	Fluorene	740	U
100-01-6-----	4-Nitroaniline	3600	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	3600	U
86-30-6-----	N-Nitrosodiphenylamine (1)	740	U
101-55-3-----	4-Bromophenyl-phenylether	740	U
118-74-1-----	Hexachlorobenzene	740	U
87-86-5-----	Pentachlorophenol	3600	U
85-01-8-----	Phenanthrene	740	U
120-12-7-----	Anthracene	740	U
84-74-2-----	Di-n-Butylphthalate	830	B
206-44-0-----	Fluoranthene	740	U
129-00-0-----	Pyrene	740	U
85-68-7-----	Butylbenzylphthalate	740	U
91-94-1-----	3,3'-Dichlorobenzidine	1500	U
56-55-3-----	Benzo(a) Anthracene	740	U
218-01-9-----	Chrysene	740	U
117-81-7-----	Bis(2-Ethylhexyl)Phthalate	740	U
117-84-0-----	Di-n-Octyl Phthalate	740	U
205-99-2-----	Benzo(b) Fluoranthene	740	U
207-08-9-----	Benzo(k) Fluoranthene	740	U
50-32-8-----	Benzo(a) Pyrene	740	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	740	U
53-70-3-----	Dibenz(a,h)Anthracene	740	U
191-24-2-----	Benzo(g,h,i)Perylene	740	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

73

Lab Name: RECRA ENVIRONMENTAL, INC. EPA Sample No.: GSB4100120
 Lab Code: RECNY Case No: 3603 SAS No.: Contract: NY91-831R
 Matrix (Soil/Water): SOIL SDG No.: GSA8
 Sample wt/vol: 30.8 (g/ml): G Lab Sample ID.: GSB4100120
 Level (low/med): LOW Lab File ID.: 8751Y
 % Moisture not Dec: 13 Dec: Date Received: 08/15/91
 Distraction: (SepF/Cont/Sonc/Sox): SONC Date Extracted: 08/19/91
 CPC Cleanup: (Y/N): Y pH: 8.3 Date Analyzed: 09/05/91
 Number TICs Found: 6 Dilution Factor: 1.0
 Concentration Units:
 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	UNKNOWN	7.02	1500	BJ
2	SUSPECTED ALDOL COND.PRODUCT	8.02	750	AJ
3	UNKNOWN	8.67	330	J
4	UNKNOWN	9.13	420	J
5	UNKNOWN	11.78	300	J
6	FLUORANTHROPHENOL ISOMER	12.17	370	J
7	UNKNOWN	15.62	310	J
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

STW201

Lab Name: RECRA ENVIRON Contract: NY91-831R
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8
 Matrix: (soil/water) WATER Lab Sample ID: STW201
 Sample wt/vol: 700 (g/mL) ML Lab File ID: 86222
 Level: (low/med) LOW Date Received: 08/22/91
 % Moisture: not dec. _____ dec. _____ Date Extracted: 08/24/91
 Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 08/30/91
 GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

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

108-95-2	Phenol	14	U
111-44-4	bis(2-Chloroethyl) Ether	14	U
95-57-8	2-Chlorophenol	14	U
541-73-1	1,3-Dichlorobenzene	14	U
106-46-7	1,4-Dichlorobenzene	14	U
100-51-6	Benzyl Alcohol	14	U
95-50-1	1,2-Dichlorobenzene	14	U
95-48-7	2-Methylphenol	14	U
108-60-1	bis(2-Chloroisopropyl) Ether	14	U
106-44-5	4-Methylphenol	14	U
621-64-7	N-Nitroso-Di-n-Propylamine	14	U
67-72-1	Hexachloroethane	14	U
98-95-3	Nitrobenzene	14	U
78-59-1	Isophorone	14	U
88-75-5	2-Nitrophenol	14	U
105-67-9	2,4-Dimethylphenol	14	U
65-85-0	Benzoic Acid	72	U
111-91-1	bis(2-Chloroethoxy) Methane	14	U
120-83-2	2,4-Dichlorophenol	14	U
120-82-1	1,2,4-Trichlorobenzene	14	U
91-20-3	Naphthalene	14	U
106-47-8	4-Chloroaniline	14	U
87-68-3	Hexachlorobutadiene	14	U
59-50-7	4-Chloro-3-Methylphenol	14	U
91-57-6	2-Methylnaphthalene	14	U
77-47-4	Hexachlorocyclopentadiene	14	U
88-06-2	2,4,6-Trichlorophenol	14	U
95-95-4	2,4,5-Trichlorophenol	72	U
91-58-7	2-Chloronaphthalene	14	U
88-74-4	2-Nitroaniline	72	U
131-11-3	Dimethyl Phthalate	14	U
208-96-8	Acenaphthylene	14	U
606-20-2	2,6-Dinitrotoluene	14	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

STW201

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8

Matrix: (soil/water) WATER Lab Sample ID: STW201

Sample wt/vol: 700 (g/mL) ML Lab File ID: 86222

Level: (low/med) LOW Date Received: 08/22/91

% Moisture: not dec. _____ dec. _____ Date Extracted: 08124191

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 08130191

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
99-09-2-----	3-Nitroaniline	72	U
83-32-9-----	Acenaphthene	14	U
51-28-5-----	2,4-Dinitrophenol	72	U
100-02-7-----	4-Nitrophenol	72	U
132-64-9-----	Dibenzofuran	14	U
121-14-2-----	2,4-Dinitrotoluene	14	U
84-66-2-----	Diethylphthalate	14	U
7005-72-3-----	4-Chlorophenyl-phenylether	14	U
86-73-7-----	Fluorene	14	U
100-01-6-----	4-Nitroaniline	72	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	72	U
86-30-6-----	N-Nitrosodiphenylamine (1)	14	U
101-55-3-----	4-Bromophenyl-phenylether	14	U
118-74-1-----	Hexachlorobenzene	14	U
87-86-5-----	Pentachlorophenol	72	U
85-01-8-----	Phenanthrene	14	U
120-12-7-----	Anthracene	14	U
84-74-2-----	Di-n-Butylphthalate	14	U
206-44-0-----	Fluoranthene	14	U
129-00-0-----	Pyrene	14	U
85-68-7-----	Butylbenzylphthalate	14	U
91-94-1-----	3,3'-Dichlorobenzidine	29	U
56-55-3-----	Benzo(a) Anthracene	14	U
218-01-9-----	Chrysene	14	U
117-81-7-----	Bis(2-Ethylhexyl) Phthalate	14	U
117-84-0-----	Di-n-Octyl Phthalate	14	U
205-99-2-----	Benzo(b) Fluoranthene	14	U
207-08-9-----	Benzo(k) Fluoranthene	14	U
50-32-8-----	Benzo(a) Pyrene	14	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	14	U
53-70-3-----	Dibenz(a,h) Anthracene	14	U
191-24-2-----	Benzo(g,h,i)Perylene	14	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

76
EPA SAMPLE NO.

STW201

Lab Name: RECRA ENVIRON Contract: NY91-831R
Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8
Matrix: (soil/water) WATER Lab Sample ID: STW201
Sample wt/vol: 700 (g/mL) ML Lab File ID: 86222
Level: (low/med) LOW Date Received: 08/22/91
% Moisture: not dec. _____ dec. _____ Date Extracted: 08/24/91
Extraction: (SepF/Cont/Sonc) SEPE Date Analyzed: 08/30/91
GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

Number TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

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

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FIELDBLANK1

Lab Name: RECRA ENVIRON Contract: NY91-831R
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8
 Matrix: (soil/water) WATER Lab Sample ID: FIELDBLANK1
 Sample wt/vol: 900 (g/mL) ML Lab File ID: 6000W
 Level: (low/med) LOW Date Received: 08/15/91
 % Moisture: not dec. _____ dec. _____ Date Extracted: 08/16/91
 Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 08/30/91
 GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.00

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

108-95-2	Phenol	11	U
111-44-4	bis(2-Chloroethyl) Ether	11	U
95-57-8	2-Chlorophenol	11	U
541-73-1	1,3-Dichlorobenzene	11	U
106-46-7	1,4-Dichlorobenzene	11	U
100-51-6	Benzyl Alcohol	11	U
95-50-1	1,2-Dichlorobenzene	11	U
95-48-7	2-Methylphenol	11	U
108-60-1	bis(2-Chloroisopropyl) Ether	11	U
106-44-5	4-Methylphenol	11	U
621-64-7	N-Nitroso-Di-n-Propylamine	11	U
67-72-1	Hexachloroethane	11	U
98-95-3	Nitrobenzene	11	U
78-59-1	Isophorone	11	U
88-75-5	2-Nitrophenol	11	U
105-67-9	2,4-Dimethylphenol	11	U
65-85-0	Benzoic Acid	56	U
111-91-1	bis(2-Chloroethoxy) Methane	11	U
120-83-2	2,4-Dichlorophenol	11	U
120-82-1	1,2,4-Trichlorobenzene	11	U
91-20-3	Naphthalene	11	U
106-47-8	4-Chloroaniline	11	U
87-68-3	Hexachlorobutadiene	11	U
59-50-7	4-Chloro-3-Methylphenol	11	U
91-57-6	2-Methylnaphthalene	11	U
77-47-4	Hexachlorocyclopentadiene	11	U
88-06-2	2,4,6-Trichlorophenol	11	U
95-95-4	2,4,5-Trichlorophenol	56	U
91-58-7	2-Chloronaphthalene	11	U
88-74-4	2-Nitroaniline	56	U
131-11-3	Dimethyl Phthalate	11	U
208-96-8	Acenaphthylene	11	U
606-20-2	2,6-Dinitrotoluene	11	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FIELD BLANK1

Lab Name: RECRA ENVIRON

Contract: NY91-831R

Lab Code: RECNY

Case No.: 3603

SAS No.: _____

SDG No.: GSA8

Matrix: (soil/water) WATER

Lab Sample ID: FIELD BLANK1

Sample wt/vol: 900 (g/mL) ML

Lab File ID: 6000W

Level: (low/med) LOW

Date Received: 08/15/91

% Moisture: not dec. _____ dec. _____

Date Extracted: 08/16/91

Extraction: (SepF/Cont/Sonc) SEPE

Date Analyzed: 08/30/91

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

Dilution Factor: 1.00

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

99-09-2-----	3-Nitroaniline	56	U
83-32-9-----	Acenaphthene	11	U
51-28-5-----	2,4-Dinitrophenol	56	U
100-02-7-----	4-Nitrophenol	56	U
132-64-9-----	Dibenzofuran	11	U
121-14-2-----	2,4-Dinitrotoluene	11	U
84-66-2-----	Diethylphthalate	11	U
7005-72-3-----	4-Chlorophenyl-phenylether	11	U
86-73-7-----	Fluorene	11	U
100-01-6-----	4-Nitroaniline	56	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	56	U
86-30-6-----	N-Nitrosodiphenylamine (1)	11	U
101-55-3-----	4-Bromophenyl-phenylether	11	U
118-74-1-----	Hexachlorobenzene	11	U
87-86-5-----	Pentachlorophenol	56	U
85-01-8-----	Phenanthrene	6	J
120-12-7-----	Anthracene	11	U
84-74-2-----	Di-n-Butylphthalate	11	U
206-44-0-----	Fluoranthene	4	J
129-00-0-----	Pyrene	2	J
85-68-7-----	Butylbenzylphthalate	11	U
91-94-1-----	3,3'-Dichlorobenzidine	22	U
56-55-3-----	Benzo(a)Anthracene	11	U
218-01-9-----	Chrysene	11	U
117-81-7-----	Bis(2-Ethylhexyl)Phthalate	11	U
117-84-0-----	Di-n-Octyl Phthalate	11	U
205-99-2-----	Benzo(b)Fluoranthene	11	U
207-08-9-----	Benzo(k)Fluoranthene	11	U
50-32-8-----	Benzo(a)Pyrene	11	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	11	U
53-70-3-----	Dibenz(a,h)Anthracene	11	U
191-24-2-----	Benzo(g,h,i)Perylene	11	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FIELDBLANK1

Lab Name: RECRA ENVIRON Contract: NY91-831R
Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8
Matrix: (soil/water) WATER Lab Sample ID: FIELDBLANK1
Sample wt/vol: 900 (g/mL) ML Lab File ID: 6000W
Level: (low/med) LOW Date Received: 08/15/91
% Moisture: not dec. _____ dec. _____ Date Extracted: 08/16/91
Extraction: (SepF/Cont/Sonc) SEPE Date Analyzed: 08/30/91
GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.00

Number TICs found: 0

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

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

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FIELDBLANK2

Lab Name: RECRA ENVIRON

Contract: NY91-831R

Lab Code: RECNY

Case No.: 3603

SAS No.: _____

SDG No.: GSA8

Matrix: (soil/water) WATER

Lab Sample ID: FIELDBLANK2

Sample wt/vol: 940 (g/mL) ML

Lab File ID: 6001W

Level: (low/med) LOW

Date Received: 08/15/91

% Moisture: not dec. _____ dec. _____

Date Extracted: 08/16/91

Extraction: (SepF/Cont/Sonc) SEPF

Date Analyzed: 08/30/91

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

Dilution Factor: 1.00

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

108-95-2	Phenol	11	U
111-44-4	bis(2-Chloroethyl) Ether	11	U
95-57-8	2-Chlorophenol	11	U
541-73-1	1,3-Dichlorobenzene	11	U
106-46-7	1,4-Dichlorobenzene	11	U
100-51-6	Benzyl Alcohol	11	U
95-50-1	1,2-Dichlorobenzene	11	U
95-48-7	2-Methylphenol	11	U
108-60-1	bis(2-Chloroisopropyl) Ether	11	U
106-44-5	4-Methylphenol,	11	U
621-64-7	N-Nitroso-Di-n-Propylamine	11	U
67-72-1	Hexachloroethane	11	U
98-95-3	Nitrobenzene	11	U
78-59-1	Isophorone	11	U
88-75-5	2-Nitrophenol	11	U
105-67-9	2,4-Dimethylphenol	11	U
65-85-0	Benzoic Acid	53	U
111-91-1	bis(2-Chloroethoxy)Methane	11	U
120-83-2	2,4-Dichlorophenol	11	U
120-82-1	1,2,4-Trichlorobenzene	11	U
91-20-3	Naphthalene	11	U
106-47-8	4-Chloroaniline	11	U
87-68-3	Hexachlorobutadiene	11	U
59-50-7	4-Chloro-3-Methylphenol	11	U
91-57-6	2-Methylnaphthalene	11	U
77-47-4	Hexachlorocyclopentadiene	11	U
88-06-2	2,4,6-Trichlorophenol	11	U
95-95-4	2,4,5-Trichlorophenol	53	U
91-58-7	2-Chloronaphthalene	11	U
88-74-4	2-Nitroaniline	53	U
131-11-3	Dimethyl Phthalate	11	U
208-96-8	Acenaphthylene	11	U
606-20-2	2,6-Dinitrotoluene	11	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 6

FIELDBLANK2

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8

Matrix: (soil/water) WATER Lab Sample ID: FIELDBLANK2

Sample wt/vol: 940 (g/mL) ML Lab File ID: 6001W

Level: (low/med) LOW Date Received: 08/15/91

% Moisture: not dec. _____ dec. _____ Date Extracted: 08/16/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 08/30/91

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
99-09-2-----	3-Nitroaniline	53	U
83-32-9-----	Acenaphthene	11	U
51-28-5-----	2,4-Dinitrophenol	53	U
100-02-7-----	4-Nitrophenol	53	U
132-64-9-----	Dibenzofuran	11	U
121-14-2-----	2,4-Dinitrotoluene	11	U
84-66-2-----	Diethylphthalate	11	U
7005-72-3-----	4-Chlorophenyl-phenylether	11	U
86-73-7-----	Fluorene	11	U
100-01-6-----	4-Nitroaniline	53	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	53	U
86-30-6-----	N-Nitrosodiphenylamine (1)	11	U
101-55-3-----	4-Bromophenyl-phenylether	11	U
118-74-1-----	Hexachlorobenzene	11	U
87-86-5-----	Pentachlorophenol	53	U
85-01-8-----	Phenanthrene	11	U
120-12-7-----	Anthracene	11	U
84-74-2-----	Di-n-Butylphthalate	11	U
206-44-0-----	Fluoranthene	11	U
129-00-0-----	Pyrene	11	U
85-68-7-----	Butylbenzylphthalate	11	U
91-94-1-----	3,3'-Dichlorobenzidine	21	U
56-55-3-----	Benzo(a) Anthracene	11	U
218-01-9-----	Chrysene	11	U
117-81-7-----	Bis(2-Ethylhexyl)Phthalate	11	U
117-84-0-----	Di-n-Octyl Phthalate	11	U
205-99-2-----	Benzo(b) Fluoranthene	11	U
207-08-9-----	Benzo(k) Fluoranthene	11	U
50-32-8-----	Benzo(a) Pyrene	11	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	11	U
53-70-3-----	Dibenz(a,h)Anthracene	11	U
191-24-2-----	Benzo(g,h,i)Perylene	11	U

(1) - cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

62

Lab Name: RECRA ENVIRONMENTAL, INC.

EPA Sample No.: FIELDBLANK2

Contract: NY91-831R

Lab Code: RECNY Case No: 3603 SAS No.:

SDG No.: GSA8

Matrix (Soil/Water): WATER

Lab Sample ID.: FIELDBLANK2

Sample wt/vol: 940 (g/ml): ML

Lab File ID.: 6001W

Level (low/med): LOW

Date Received: 08/15/91

% Moisture not Dec: Dec:

Date Extracted: 08/16/91

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

Date Analyzed: 08/30/91

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

Dilution Factor: 1.00

Number TICs Found: 3

Concentration Units:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1 119-61-9	DIPHENYL METHANONE	20.55	10	J
2	PHENYLMETHANONE DERIVATIVE	26.00	10	J
3	UNKNOWN	28.78	12	J
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
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30				

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FIELDBLANK3

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8

Matrix: (soil/water) WATER Lab Sample ID: FIELDBLANK3

Sample wt/vol: 980 (g/mL) ML Lab File ID: 8344X

Level: (low/med) LOW Date Received: 08/17/91

% Moisture: not dec. _____ dec. _____ Date Extracted: 08/22/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 09/04/91

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.00

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

CAS NO. COMPOUND Q

108-95-2-----Phenol	10	U
111-44-4-----bis(2-Chloroethyl) Ether	10	U
95-57-8-----2-Chlorophenol	10	U
541-73-1-----1,3-Dichlorobenzene	10	U
106-46-7-----1,4-Dichlorobenzene	10	U
100-51-6-----Benzyl Alcohol	10	U
95-50-1-----1,2-Dichlorobenzene	10	U
95-48-7-----2-Methylphenol	10	U
108-60-1-----bis(2-Chloroisopropyl) Ether	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
65-85-0-----Benzoic Acid	51	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	51	U
91-58-7-----2-Chloronaphthalene	10	U
88-74-4-----2-Nitroaniline	51	U
131-11-3-----Dimethyl Phthalate	10	U
208-96-8-----Acenaphthylene	10	U
606-20-2-----2,6-Dinitrotoluene	10	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FIELDBLANK3

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8

Matrix: (soil/water) WATER Lab Sample ID: FIELDBLANK3

Sample wt/vol: 980 (g/mL) ML Lab File ID: 8344X

Level: (low/med) LOW Date Received: 08/17/91

% Moisture: not dec. _____ dec. _____ Date Extracted: 08/22/91

Extraction: (SepF/Cont/Sonc) SEPE Date Analyzed: 09/04/91

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
99-09-2-----	3-Nitroaniline	51	U
83-32-9-----	Acenaphthene	10	U
51-28-5-----	2,4-Dinitrophenol	51	U
100-02-7-----	4-Nitrophenol	51	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	51	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	51	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	51	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	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	20	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

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FIELDBLANK3

Lab Name: RECRA ENVIRON Contract: NY91-831R
Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8
Matrix: (soil/water) WATER Lab Sample ID: FIELDBLANK3
Sample wt/vol: 980 (g/mL) ML Lab File ID: 8344X
Level: (low/med) LOW Date Received: 08/17/91
% Moisture: not dec. _____ dec. _____ Date Extracted: 08/22/91
Extraction: (SepF/Cont/Sonc) SEPE Date Analyzed: 09/04/91
GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.00

Number TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

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

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. FIELD BLANK4

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8

Matrix: (soil/water) WATER Lab Sample ID: FIELD BLANK4

Sample wt/vol: 900 (g/mL) ML Lab File ID: 8345X

Level: (low/med) LOW Date Received: 08/20/91

% Moisture: not dec. _____ dec. _____ Date Extracted: 08/22/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 09/04/91

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.00

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

CAS NO. COMPOUND Q

108-95-2	Phenol	11	U
111-44-4	bis(2-Chloroethyl) Ether	11	U
95-57-8	2-Chlorophenol	11	U
541-73-1	1,3-Dichlorobenzene	11	U
106-46-7	1,4-Dichlorobenzene	11	U
100-51-6	Benzyl Alcohol	11	U
95-50-1	1,2-Dichlorobenzene	11	U
95-48-7	2-Methylphenol	11	U
108-60-1	bis(2-Chloroisopropyl) Ether	11	U
106-44-5	4-Methylphenol	11	U
621-64-7	N-Nitroso-Di-n-Propylamine	11	U
67-72-1	Hexachloroethane	11	U
98-95-3	Nitrobenzene	11	U
78-59-1	Isophorone	11	U
88-75-5	2-Nitrophenol	11	U
105-67-9	2,4-Dimethylphenol	11	U
65-85-0	Benzoic Acid	56	U
111-91-1	bis(2-Chloroethoxy) Methane	11	U
120-83-2	2,4-Dichlorophenol	11	U
120-82-1	1,2,4-Trichlorobenzene	11	U
91-20-3	Naphthalene	11	U
106-47-8	4-Chloroaniline	11	U
87-68-3	Hexachlorobutadiene	11	U
59-50-7	4-Chloro-3-Methylphenol	11	U
91-57-6	2-Methylnaphthalene	11	U
77-47-4	Hexachlorocyclopentadiene	11	U
88-06-2	2,4,6-Trichlorophenol	11	U
95-95-4	2,4,5-Trichlorophenol	56	U
91-58-7	2-Chloronaphthalene	11	U
88-74-4	2-Nitroaniline	56	U
131-11-3	Dimethyl Phthalate	11	U
208-96-8	Acenaphthylene	11	U
606-20-2	2,6-Dinitrotoluene	11	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FIELDBLANK4

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8

Matrix: (soil/water) WATER Lab Sample ID: FIELDBLANK4

sample wt/vol: 900 (g/mL) ML Lab File ID: 8345X

Level: (low/med) LOW Date Received: 08/20/91

% Moisture: not dec. _____ dec. _____ Date Extracted: 08/22/91

Extraction: (SepF/Cont/Sonc) SEPE Date Analyzed: 09/04/91

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.00

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

99-09-2-----	3-Nitroaniline	56	U
83-32-9-----	Acenaphthene	11	U
51-28-5-----	2,4-Dinitrophenol	56	U
100-02-7-----	4-Nitrophenol	56	U
132-64-9-----	Dibenzofuran	11	U
121-14-2-----	2,4-Dinitrotoluene	11	U
84-66-2-----	Diethylphthalate	11	U
7005-72-3-----	4-Chlorophenyl-phenylether	11	U
86-73-7-----	Fluorene	11	U
100-01-6-----	4-Nitroaniline	56	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	56	U
86-30-6-----	N-Nitrosodiphenylamine (1)	11	U
101-55-3-----	4-Bromophenyl-phenylether	11	U
118-74-1-----	Hexachlorobenzene	11	U
87-86-5-----	Pentachlorophenol	56	U
85-01-8-----	Phenanthrene	11	U
120-12-7-----	Anthracene	11	U
84-74-2-----	Di-n-Butylphthalate	11	U
206-44-0-----	Fluoranthene	11	U
129-00-0-----	Pyrene	11	U
85-68-7-----	Butylbenzylphthalate	11	U
91-94-1-----	3,3'-Dichlorobenzidine	22	U
56-55-3-----	Benzo(a)Anthracene	11	U
218-01-9-----	Chrysene	11	U
117-81-7-----	Bis(2-Ethylhexyl)Phthalate	11	U
117-84-0-----	Di-n-Octyl Phthalate	11	U
205-99-2-----	Benzo(b)Fluoranthene	11	U
207-08-9-----	Benzo(k)Fluoranthene	11	U
50-32-8-----	Benzo(a)Pyrene	11	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	11	U
53-70-3-----	Dibenz(a,h)Anthracene	11	U
191-24-2-----	Benzo(g,h,i)Perylene	11	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FIELDBLANK4

Lab Name: RECRA ENVIRON Contract: NY91-831RLab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8Matrix: (soil/water) WATER Lab Sample ID: FIELDBLANK4Sample wt/vol: 900 (g/mL) ML Lab File ID: 8345XLevel: (low/med) LOW Date Received: 08/20/91% Moisture: not dec. _____ dec. _____ Date Extracted: 08/22/91Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 09/04/91GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.00Number TICs found: 0CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

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

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B201D810

Lab Name: RECRA ENVIRON Contract: _____

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8

Matrix: (soil/water) SOIL Lab Sample ID: SS4849

Sample wt/vol: 30.3 (g/mL) G Lab File ID: _____

Level: (low/med) LOW Date Received: 08/17/91

% Moisture: not dec. 14 dec. Date Extracted: 08/20/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 09/10/91

GPC Cleanup: (Y/N) Y pH: 8.2 Dilution Factor: 1.00

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

319-84-6-----	alpha-BHC	18	U
319-85-7-----	beta-BHC	18	U
319-86-8-----	delta-BHC	18	U
58-89-9-----	gamma-BHC(Lindane)	18	U
76-44-8-----	Heptachlor	18	U
309-00-2-----	Aldrin	18	U
1024-57-3-----	Heptachlor epoxide	18	U
959-98-8-----	Endosulfan I	18	U
60-57-1-----	Dieldrin	37	U
72-55-9-----	4,4'-DDE	37	U
72-20-8-----	Endrin	37	U
33213-65-9-----	Endosulfan II	37	U
72-54-8-----	4,4'-DDD	37	U
1031-07-8-----	Endosulfan sulfate	37	U
50-29-3-----	4,4'-DDT	37	U
72-43-5-----	Methoxychlor	180	U
53494-70-5-----	Endrin ketone	37	U
5103-71-9-----	alpha-chlordane	180	U
5103-74-2-----	gamma-chlordane	180	U
8001-35-2-----	Toxaphene	370	U
12674-11-2-----	Aroclor-1016	180	U
11104-28-2-----	Aroclor-1221	180	U
11141-16-5-----	Aroclor-1232	180	U
53469-21-9-----	Aroclor-1242	180	U
12672-29-6-----	Aroclor-1248	180	U
11097-69-1-----	Aroclor-1254	370	U
11096-82-5-----	Aroclor-1260	370	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B201S1214

Lab Name: RECRA ENVIRON Contract: _____

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8

Matrix: (soil/water) SOIL Lab Sample ID: SS4851

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

Level: (low/med) LOW Date Received: 08/20/91

% Moisture: not dec. 14 dec. Date Extracted: 08/22/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 09/10/91

GPC Cleanup: (Y/N) Y pH: 8.1 Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
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	37	U
72-55-9-----	4,4'-DDE	37	U
72-20-8-----	Endrin	37	U
33213-65-9-----	Endosulfan II	37	U
72-54-8-----	4,4'-DDD	37	U
1031-07-8-----	Endosulfan sulfate	37	U
50-29-3-----	4,4'-DDT	37	U
72-43-5-----	Methoxychlor	42	BJ
53494-70-5-----	Endrin ketone	37	U
5103-71-9-----	alpha-chlordane	190	U
5103-74-2-----	gamma-chlordane	190	U
8001-35-2-----	Toxaphene	370	U
12674-11-2-----	Aroclor-1016	190	U
11104-28-2-----	Aroclor-1221	190	U
11141-16-5-----	Aroclor-1232	190	U
53469-21-9-----	Aroclor-1242	190	U
12672-29-6-----	Aroclor-1248	190	U
11097-69-1-----	Aroclor-1254	370	U
11096-82-5-----	Aroclor-1260	370	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. **91**

GSA824

Lab Name: RECRA ENVIRON Contract: _____

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8

Matrix: (soil/water) SOIL Lab Sample ID: SS4815

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

Level: (low/med) LOW Date Received: 08/15/91

% Moisture: not dec. 17 dec. _____ Date Extracted: 08/19/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 09/10/91

GPC Cleanup: (Y/N) Y pH: 8.2 Dilution Factor: 1.00

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG 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	39	U
72-55-9-----4,4'-DDE	39	U
72-20-8-----Endrin	39	U
33213-65-9-----Endosulfan II	39	U
72-54-8-----4,4'-DDD	39	U
1031-07-8-----Endosulfan sulfate	39	U
50-29-3-----4,4'-DDT	39	U
72-43-5-----Methoxychlor	190	U
53494-70-5-----Endrin ketone	39	U
5103-71-9-----alpha-chlordane	190	U
5103-74-2-----gamma-chlordane	190	U
8001-35-2-----Toxaphene	390	U
12674-11-2-----Aroclor-1016	190	U
11104-28-2-----Aroclor-1221	190	U
11141-16-5-----Aroclor-1232	190	U
53469-21-9-----Aroclor-1242	190	U
12672-29-6-----Aroclor-1248	190	U
11097-69-1-----Aroclor-1254	390	U
11096-82-5-----Aroclor-1260	390	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GSB224

Lab Name: RECRA ENVIRON Contract: _____

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8

Matrix: (soil/water) SOIL Lab Sample ID: SS4814

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

Level: (low/med) LOW Date Received: 08/15/91

% Moisture: not dec. 14 dec. Date Extracted: 08/19/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 09/10/91

GPC Cleanup: (Y/N) Y pH: 8.0 Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
319-84-6-----	alpha-BHC	19	U
319-85-7-----	beta-BHC	6.3	BJ
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	37	U
72-55-9-----	4,4'-DDE	37	U
72-20-8-----	Endrin	37	U
33213-65-9-----	Endosulfan II	37	U
72-54-8-----	4,4'-DDD	37	U
1031-07-8-----	Endosulfan sulfate	37	U
50-29-3-----	4,4'-DDT	37	U
72-43-5-----	Methoxychlor	190	U
53494-70-5-----	Endrin ketone	37	U
5103-71-9-----	alpha-chlordane	190	U
5103-74-2-----	gamma-chlordane	190	U
8001-35-2-----	Toxaphene	370	U
12674-11-2-----	Aroclor-1016	190	U
11104-28-2-----	Aroclor-1221	190	U
11141-16-5-----	Aroclor-1232	190	U
53469-21-9-----	Aroclor-1242	190	U
12672-29-6-----	Aroclor-1248	190	U
11097-69-1-----	Aroclor-1254	370	U
11096-82-5-----	Aroclor-1260	370	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GSB546

Lab Name: RECRA ENVIRON Contract: _____

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8

Matrix: (soil/water) SOIL Lab Sample ID: SS4818

Sample wt/vol: 30.9 (g/mL) G Lab File ID: _____

Level: (low/med) LOW Date Received: 08/15/91

% Moisture: not dec. 14 dec. Date Extracted: 08/19/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 09/10/91

GPC Cleanup: (Y/N) Y pH: 8.2 Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
319-84-6	alpha-BHC	18	U
319-85-7	beta-BHC	18	U
319-86-8	delta-BHC	18	U
58-89-9	gamma-BHC(Lindane)	18	U
76-44-8	Heptachlor	18	U
309-00-2	Aldrin	18	U
1024-57-3	Heptachlor epoxide	18	U
959-98-8	Endosulfan I	18	U
60-57-1	Dieldrin	36	U
72-55-9	4,4'-DDE	36	U
72-20-8	Endrin	36	U
33213-65-9	Endosulfan II	36	U
72-54-8	4,4'-DDD	36	U
1031-07-8	Endosulfan sulfate	36	U
50-29-3	4,4'-DDT	36	U
72-43-5	Methoxychlor	180	U
53494-70-5	Endrin ketone	36	U
5103-71-9	alpha-chlordane	180	U
5103-74-2	gamma-chlordane	180	U
8001-35-2	Toxaphene	360	U
12674-11-2	Aroclor-1016	180	U
11104-28-2	Aroclor-1221	180	U
11141-16-5	Aroclor-1232	180	U
53469-21-9	Aroclor-1242	180	U
12672-29-6	Aroclor-1248	180	U
11097-69-1	Aroclor-1254	360	U
11096-82-5	Aroclor-1260	360	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FIELD BLANK 1

Lab Name: RECRA ENVIRON Contract: _____

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8

Matrix: (soil/water) WATER Lab Sample ID: SW5338

Sample wt/vol: 900.0 (g/mL) ML Lab File ID: _____

Level: (low/med) LOW Date Received: 08/15/91

% Moisture: not dec. _____ dec. _____ Date Extracted: 08/16/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 09/10/91

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.00

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

319-84-6	alpha-BHC	0.056	U
319-85-7	beta-BHC	0.056	U
319-86-8	delta-BHC	0.056	U
58-89-9	gamma-BHC(Lindane)	0.056	U
76-44-8	Heptachlor	0.056	U
309-00-2	Aldrin	0.056	U
1024-57-3	Heptachlor epoxide	0.056	U
959-98-8	Endosulfan I	0.056	U
60-57-1	Dieldrin	0.11	U
72-55-9	4,4'-DDE	0.11	U
72-20-8	Endrin	0.11	U
33213-65-9	Endosulfan II	0.11	U
72-54-8	4,4'-DDD	0.11	U
1031-07-8	Endosulfan sulfate	0.11	U
50-29-3	4,4'-DDT	0.11	U
72-43-5	Methoxychlor	0.56	U
53494-70-5	Endrin ketone	0.11	U
5103-71-9	alpha-chlordane	0.56	U
5103-74-2	gamma-chlordane	0.56	U
8001-35-2	Toxaphene	1.1	U
12674-11-2	Aroclor-1016	0.56	U
11104-28-2	Aroclor-1221	0.56	U
11141-16-5	Aroclor-1232	0.56	U
53469-21-9	Aroclor-1242	0.56	U
12672-29-6	Aroclor-1248	0.56	U
11097-69-1	Aroclor-1254	1.1	U
11096-82-5	Aroclor-1260	1.1	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

95
EPA SAMPLE NO.

FIELD BLANK 2

Lab Name: RECRA ENVIRON Contract: _____

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8

Matrix: (soil/water) WATER Lab Sample ID: SW5339

Sample wt/vol: 950.0 (g/mL) ML Lab File ID: _____

Level: (low/med) LOW Date Received: 08/15/91

% Moisture: not dec. _____ dec. _____ Date Extracted: 08/16/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 09/10/91

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.00

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

319-84-6-----	alpha-BHC	0.052	U
319-85-7-----	beta-BHC	0.052	U
319-86-8-----	delta-BHC	0.052	U
58-89-9-----	gamma-BHC (Lindane)	0.052	U
76-44-8-----	Heptachlor	0.052	U
309-00-2-----	Aldrin	0.052	U
1024-57-3-----	Heptachlor epoxide	0.052	U
959-98-8-----	Endosulfan I	0.052	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	0.52	U
53494-70-5-----	Endrin ketone	0.10	U
5103-71-9-----	alpha-chlordane	0.52	U
5103-74-2-----	gamma-chlordane	0.52	U
8001-35-2-----	Toxaphene	1.0	U
12674-11-2-----	Aroclor-1016	0.52	U
11104-28-2-----	Aroclor-1221	0.52	U
11141-16-5-----	Aroclor-1232	0.52	U
53469-21-9-----	Aroclor-1242	0.52	U
12672-29-6-----	Aroclor-1248	0.52	U
11097-69-1-----	Aroclor-1254	1.0	U
11096-82-5-----	Aroclor-1260	1.0	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 96

FIELDBLANK3

Lab Name: RECRA ENVIRON Contract: _____

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8

Matrix: (soil/water) WATER Lab Sample ID: SW5341

Sample wt/vol: 985.0 (g/mL) ML Lab File ID: _____

Level: (low/med) LOW Date Received: 08/17/91

% Moisture: not dec. _____ dec. _____ Date Extracted: 08/22/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 09/10/91

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.00

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

CAS NO. COMPOUND Q

319-84-6-----	alpha-BHC	0.051	U
319-85-7-----	beta-BHC	0.051	U
319-86-8-----	delta-BHC	0.051	U
58-89-9-----	gamma-BHC(Lindane)	0.051	U
76-44-8-----	Heptachlor	0.051	U
309-00-2-----	Aldrin	0.051	U
1024-57-3-----	Heptachlor epoxide	0.051	U
959-98-8-----	Endosulfan I	0.051	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	0.51	U
53494-70-5-----	Endrin ketone	0.10	U
5103-71-9-----	alpha-chlordane	0.51	U
5103-74-2-----	gamma-chlordane	0.51	U
8001-35-2-----	Toxaphene	1.0	U
12674-11-2-----	Aroclor-1016	0.51	U
11104-28-2-----	Aroclor-1221	0.51	U
11141-16-5-----	Aroclor-1232	0.51	U
53469-21-9-----	Aroclor-1242	0.51	U
12672-29-6-----	Aroclor-1248	0.51	U
11097-69-1-----	Aroclor-1254	1.0	U
11096-82-5-----	Aroclor-1260	1.0	U



1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FIELD BLANK 4

Lab Name: RECRA ENVIRONContract: Lab Code: RECNYCase No.: 3603SAS No.: SDG No.: GSA8Matrix: (soil/water) WATERLab Sample ID: SW5342Sample wt/vol: 900.0 (g/mL) MLLab File ID: Level: (low/med) LOWDate Received: 08/20/91% Moisture: not dec. dec. Date Extracted: 08/22/91Extraction: (SepF/Cont/Sonc) SEPFDate Analyzed: 09/10/91GPC Cleanup: (Y/N) N pH: 7.0Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
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319-84-6-----	alpha-BHC	0.056	U
319-85-7-----	beta-BHC	0.056	U
319-86-8-----	delta-BHC	0.056	U
58-89-9-----	gamma-BHC(Lindane)	0.056	U
76-44-8-----	Heptachlor	0.056	U
309-00-2-----	Aldrin	0.056	U
1024-57-3-----	Heptachlor epoxide	0.056	U
959-98-8-----	Endosulfan I	0.056	U
60-57-1-----	Dieldrin	0.11	U
72-55-9-----	4,4'-DDE	0.11	U
72-20-8-----	Endrin	0.11	U
33213-65-9-----	Endosulfan II	0.11	U
72-54-8-----	4,4'-DDD	0.11	U
1031-07-8-----	Endosulfan sulfate	0.11	U
50-29-3-----	4,4'-DDT	0.11	U
72-43-5-----	Methoxychlor	0.56	U
53494-70-5-----	Endrin ketone	0.11	U
5103-71-9-----	alpha-chlordane	0.56	U
5103-74-2-----	gamma-chlordane	0.56	U
8001-35-2-----	Toxaphene	1.1	U
12674-11-2-----	Aroclor-1016	0.56	U
11104-28-2-----	Aroclor-1221	0.56	U
11141-16-5-----	Aroclor-1232	0.56	U
53469-21-9-----	Aroclor-1242	0.56	U
12672-29-6-----	Aroclor-1248	0.56	U
11097-69-1-----	Aroclor-1254	1.1	U
11096-82-5-----	Aroclor-1260	1.1	U

2A
WATER VOLATILE SURROGATE RECOVERY

Lab Name: RECRA ENVIRON Contract: NY91-831R
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8

	EPA SAMPLE NO.	S1 (TOL) #	S2 (BFB) #	S3 (DCE) #	OTHER	TOT OUT
01	FIELDBLANK1	104	105	103	0	0
02	FIELDBLANK2	104	107	100	0	0
03	FIELDBLANK3	98	97	100	0	0
04	FIELDBLANK4	104	104	100	0	0
05	MSBLANKW	100	102	100	0	0
06	STW201	100	100	103	0	0
07	TRIPBLANK1	105	106	103	0	0
08	TRIPBLANK2	98	99	97	0	0
09	TRIPBLANK3	102	103	100	0	0
10	TRIPBLANK4	100	103	103	0	0
11	STW201MS	102	101	106	0	0
12	STW201MSD	103	102	104	0	0
13	VLK08	106	105	102	0	0
14	VLK14E	98	99	94	0	0
15	VLK14D	102	102	100	0	0
16	VLK18	99	100	103	0	0

QC LIMITS

S1 (TOL) = Toluene-d8 (88-110)
 S2 (BFB) = Bromofluorobenzene (86-115)
 S3 (DCE) = 1,2-Dichloroethane-d4 (76-114)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogates diluted out

10

2B
SOIL VOLATILE SURROGATE RECOVERY

Lab Name: RECRA ENVIRON Contract: NY91-831R
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8
 Level: (low/med) LOW

	EPA SAMPLE NO.	S1 (TOL) #	S2 (BFB) #	S3 (DCE) #	OTHER	TOT OUT
01	GSA44060	103	101	103	0	0
02	GSB1100120	103	92	99	0	0
03	GSB22040	102	99	97	0	0
04	GSB54060	105	94	99	0	0
05	GSB54060DL	104	93	92	0	0
06	MSBLANKS	104	97	85	0	0
07	GSB1100120MS	114	80	90	0	0
08	GSB1100120MS	111	88	89	0	0
09	VBLK67	101	100	92	0	0
10	VBLK68	103	95	89	0	0
--	VBLK70	100	103	97	0	0

QC LIMITS

S1 (TOL) = Toluene-d8 (81-117)
 S2 (BFB) = Bromofluorobenzene (74-121)
 S3 (DCE) = 1,2-Dichloroethane-d4 (70-121)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogates diluted out

2B
SOIL VOLATILE SURROGATE RECOVERY

Lab Name: RECRA ENVIRON Contract: NY91-831R
Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8
Level: (low/med) MED

	EPA SAMPLE NO.	S1 (TOL) #	S2 (BFB) #	S3 (DCE) #	OTHER	TOT OUT
01	B201D80100	101	99	100	0	0
02	B201S12140	103	103	98	0	0
03	GSA82040	102	106	98	0	0
04	GSB4100120	98	98	99	0	0
05	MSBLANKML	101	101	96	0	0
06	GSA82040MS	91	98	102	0	0
07	GSA82040MSD	100	109	109	0	0
08	VLK10	101	102	100	0	0

QC LIMITS
S1 (TOL) = Toluene-d8 (81-117)
S2 (BFB) = Bromofluorobenzene (74-121)
S3 (DCE) = 1,2-Dichloroethane-d4 (70-121)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogates diluted out

2C
WATER SEMIVOLATILE SURROGATE RECOVERY

Lab Name: RECRA ENVIRON Contract: NY91-831R
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8

	EPA SAMPLE NO.	S1 (NBZ) #	S2 (FBP) #	S3 (TPH) #	S4 (PHL) #	S5 (2FP) #	S6 (TBP) #	OTHER	TOT OUT
01	FIELDBLANK1	70	81	78	45	55	116	0	0
02	FIELDBLANK2	76	84	85	41	50	70	0	0
03	FIELDBLANK3	80	85	77	23	46	68	0	0
04	FIELDBLANK4	91	99	97	40	79	135 *	0	1
05	MSBLANKW	98	91	95	32	51	99	0	0
06	STW201	108	95	85	64	83	104	0	0
07	STW201MS	109	105	92	59	72	91	0	0
08	STW201MSD	118 *	104	91	53	71	92	0	1
09	SBLK83	99	97	95	46	72	115	0	0
10	SBLK03	53	54	73	41	53	75	0	0
11	SBLK47	82	91	92	27	65	96	0	0

QC LIMITS

S1 (NBZ) = Nitrobenzene-d5 (35-114)
 S2 (FBP) = 2-Fluorobiphenyl (43-116)
 S3 (TPH) = Terphenyl (33-141)
 S4 (PHL) = Phenol-d5 (10-94)
 S5 (2FP) = 2-Fluorophenol (21-100)
 S6 (TBP) = 2,4,6-Tribromophenol (10-123)

Column to be used to flag recovery values
 * Values outside of contract required QC limits
 D Surrogates diluted out

2D
SOIL SEMIVOLATILE SURROGATE RECOVERY.

Lab Name: RECRA ENVIRON Contract: NY91-831R
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8
 Level: (low/med) LOW

	EPA SAMPLE NO.	S1 (NBZ) #	S2 (FBP) #	S3 (TPH) #	S4 (PHL) #	S5 (2FP) #	S6 (TBP) #	OTHER	TOT OUT
01	B201D80100	80	83	72	84	85	62	0	0
02	B201S12140	69	76	66	75	72	70	0	0
03	B202D6080	82	79	82	90	79	57	0	0
04	B203D	77	80	70	87	91	73	0	0
05	GSA82040	92	93	82	91	164 *	103	0	1
06	GSB1100120	77	66	66	64	65	51	0	0
07	GSB22040	81	74	77	75	81	73	0	0
08	GSB4100120	95	79	81	69	62	37	0	0
09	GSB54060	90	83	83	86	86	63	0	0
10	MSBLANKS	104	92	93	89	94	87	0	0
11	GSA82040MS	52	49	45	51	58	27	0	0
12	GSA82040MSD	86	77	74	79	94	77	0	0
13	SBLK01	69	68	60	60	43	37	0	0
14	SBLK06	90	78	82	75	97	73	0	0
15	SBLK09	76	81	70	72	71	56	0	0
16	SBLK11	75	79	66	81	72	70	0	0
17	SBLK15	94	98	86	98	114	99	0	0
18	SBLK14	78	74	77	80	72	49	0	0

QC LIMITS

S1 (NBZ) = Nitrobenzene-d5 (23-120)
 S2 (FBP) = 2-Fluorobiphenyl (30-115)
 S3 (TPH) = Terphenyl (18-137)
 S4 (PHL) = Phenol-d5 (24-113)
 S5 (2FP) = 2-Fluorophenol (25-121)
 S6 (TBP) = 2,4,6-Tribromophenol (19-122)

Column to be used to flag recovery values
 * Values outside of contract required QC limits
 D Surrogates diluted out

2E
WATER PESTICIDE SURROGATE RECOVERY

Lab Name: RECRA ENVIRON Contract: _____

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8

	EPA SAMPLE NO. =====	S1 (DBC) # =====	OTHER =====
01	PBLK72	102	0
02	PBLK74	104	0
03	FIELDBLANK1	66	0
04	FIELDBLANK2	60	0
05	FIELDBLANK3	51	0
06	FIELDBLANK4	74	0

ADVISORY
QC LIMITS
(24-154)

S1 (DBC) = Dibutylchloroendate

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogates diluted out

2F
SOIL PESTICIDE SURROGATE RECOVERY

Lab Name: RECRA ENVIRON Contract: _____

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8

Level: (low/med) LOW

	EPA SAMPLE NO.	S1 (DBC) #	OTHER
	=====	=====	=====
01	PBLK71	97	0
02	PBLK73	70	0
03	PBLK75	108	0
04	B201D810	82	0
05	B201S1214	109	0
06	GSA824	61	0
07	GSB224	77	0
08	GSB546	96	0
09	MSB01	114	0
10	GSA824MS	75	0
11	GSA824MSD	109	0

ADVISORY
QC LIMITS
(20-150)

S1 (DBC) = Dibutylchloredate

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogates diluted out

3A

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: RECRA ENVIRONContract: NY91-831RLab Code: RECNYCase No.: 3603SAS No.: SDG No.: GSA8Matrix Spike - EPA Sample No.: STW201

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC LIMITS REC.
1,1-Dichloroethene	50.0	0	49.8	100	61-145
Trichloroethene	50.0	1.99	50.2	96	71-120
Benzene	50.0	0	48.8	98	76-127
Toluene	50.0	0	49.4	99	76-125
Chlorobenzene	50.0	0	48.0	96	75-130

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD REC.
1,1-Dichloroethene	50.0	48.6	97	3	14 61-145
Trichloroethene	50.0	49.2	94	2	14 71-120
Benzene	50.0	47.6	95	3	11 76-127
Toluene	50.0	48.6	97	2	13 76-125
Chlorobenzene	50.0	47.0	94	2	13 75-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 5 outside limitsSpike Recovery: 0 out of 10 outside limitsCOMMENTS: STW201 JOB2348
51D

3B

SOIL VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: RECRA ENVIRON Contract: NY91-831R
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8
 Matrix Spike - EPA Sample No.: GSB1100120 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC LIMITS
1,1-Dichloroethene	55.8	0	38.4	69	59-172
Trichloroethene	55.8	21.3	44.0	41 *	62-137
Benzene	55.8	0	47.8	86	66-142
Toluene	55.8	1.16	53.1	93	59-139
Chlorobenzene	55.8	0	47.3	85	60-133

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	REC.
1,1-Dichloroethene	57.0	38.1	67	3	22	59-172
Trichloroethene	57.0	44.9	41 *	0	24	62-137
Benzene	57.0	49.0	86	0	21	66-142
Toluene	57.0	53.3	91	2	21	59-139
Chlorobenzene	57.0	49.0	86	-1	21	60-133

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 5 outside limits

Spike Recovery: 2 out of 10 outside limits

COMMENTS: GSB11012 JOB2266
I50H

3B

SOIL VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8

Matrix Spike - EPA Sample No.: GSA82040 Level: (low/med) MED

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC LIMITS REC.
1,1-Dichloroethene	14700	0	10800	73	59-172
Trichloroethene	14700	51300	71800	140 *	62-137
Benzene	14700	0	13800	94	66-142
Toluene	14700	2450	15800	91	59-139
Chlorobenzene	14700	0	14500	99	60-133

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	REC.
1,1-Dichloroethene	14700	11200	76	-4	22	59-172
Trichloroethene	14700	70000	127	10	24	62-137
Benzene	14700	14200	97	-3	21	66-142
Toluene	14700	16200	94	-3	21	59-139
Chlorobenzene	14700	15000	102	-3	21	60-133

Column to be used to flag recovery and RPD values with an asterisk

* values outside of QC limits

RPD: 0 out of 5 outside limits

Spike Recovery: 1 out of 10 outside limits

COMMENTS: GSA824 JOB2260
51D

3X
WATER VOLATILE MATRIX SPIKE RECOVERY

109

Lab Name: RECRA ENVIRON Contract: _____
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8
 Matrix Spike - Sample No.: MSBLANKW

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC LIMITS REC.
1,1-Dichloroethene	50.0	0	49.0	98	75-125
Trichloroethene	50.0	0	49.4	99	75-125
Benzene	50.0	0	49.4	99	75-125
Toluene	50.0	0	48.4	97	75-125
Chlorobenzene	50.0	0	48.8	98	75-125

* Values outside of QC limits

Spike Recovery: 0 out of 5 outside limits

COMMENTS: VBLK 18
51D

3X
SOIL VOLATILE MATRIX SPIKE RECOVERY

110

Lab Name: RECRA ENVIRON Contract: _____
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8
 Matrix Spike - Sample No.: MSBLANKS Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC LIMITS REC.
1,1-Dichloroethene	50.0	0	40.6	81	75-125
Trichloroethene	50.0	0	47.0	94	75-125
Benzene	50.0	0	44.8	90	75-125
Toluene	50.0	0	49.8	100	75-125
Chlorobenzene	50.0	0	50.2	100	75-125

* Values outside of QC limits

Spike Recovery: 0 out of 5 outside limits

COMMENTS: VBLK 68
I50H

3X
SOIL VOLATILE MATRIX SPIKE RECOVERY

Lab Name: RECRA ENVIRON Contract: _____

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8

Matrix spike - Sample No.: MSBLANKML Level: (low/med) MED

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC LIMITS REC.
1,1-Dichloroethene	6250	0	6720	108	75-125
Trichloroethene	6250	0	6580	105	75-125
Benzene	6250	0	6100	98	75-125
Toluene	6250	0	6150	98	75-125
Chlorobenzene	6250	0	6400	102	75-125

* Values outside of QC limits

Spike Recovery: 0 out of 5 outside limits

COMMENTS: VBLK10
51D

WATER SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: RECRA ENVIRON Contract: NY91-831RLab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8Matrix Spike - EPA Sample No.: STW201

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC LIMITS REC.
Phenol	286	0	217	76	12- 86
2-Chlorophenol	286	0	251	88	27-123
1,4-Dichlorobenzene	143	0	138	96	36 97
N-Nitroso-di-n-prop. (1)	143	0	145	101	41 116
1,2,4-Trichlorobenzene	143	0	132	92	39 98
4-Chloro-3-methylphenol	286	0	343	120 *	23 97
Acenaphthene	143	0	157	110	46-118
4-Nitrophenol	286	0	141	49	10- 80
2,4-Dinitrotoluene	143	0	182	127 *	24- 96
Pentachlorophenol	286	0	35.8	13	9-103
Pyrene	143	0	178	124	26-127

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD REC.
Phenol	286	191	67	13	42 12- 86
2-Chlorophenol	286	230	80	10	40 27-123
1,4-Dichlorobenzene	143	147	103 *	-7	28 36 97
N-Nitroso-di-n-prop. (1)	143	156	109	-8	38 41 116
1,2,4-Trichlorobenzene	143	138	96	-4	28 39 98
4-Chloro-3-methylphenol	286	306	107 *	11	42 23 97
Acenaphthene	143	154	108	2	31 46-118
4-Nitrophenol	286	165	58	-17	50 10- 80
2,4-Dinitrotoluene	143	186	130 *	-2	38 24- 96
Pentachlorophenol	286	38.6	14	-7	50 9-103
Pyrene	143	174	122	2	31 26-127

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 11 outside limitsSpike Recovery: 5 out of 22 outside limitsCOMMENTS: STW201 JOB2348 BN3792/93
AUTOSAMPLER I50Z



3D

SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: RECRA ENVIRON Contract: NY91-831R
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8
 Matrix Spike - EPA Sample No.: GSA82040 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC LIMITS REC.
Phenol	15900	0	9300	58	26- 90
2-Chlorophenol	15900	0	7090	45	25-102
1,4-Dichlorobenzene	7950	0	3630	46	28 104
N-Nitroso-di-n-prop. (1)	7950	0	3630	46	41 126
1,2,4-Trichlorobenzene	7950	0	3780	48	38 107
4-Chloro-3-methylphenol	15900	0	7760	49	26 103
Acenaphthene	7950	0	4110	52	31-137
4-Nitrophenol	15900	0	6640	42	11-114
2,4-Dinitrotoluene	7950	0	4000	50	28- 89
Pentachlorophenol	15900	0	0	0 *	17-109
Pyrene	7950	1170	7840	84	35-142

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS	
					RPD	REC.
Phenol	16000	15600	98 *	-51 *	35	26- 90
2-Chlorophenol	16000	11700	73	-47	50	25-102
1,4-Dichlorobenzene	8000	5530	69	-40 *	27	28 104
N-Nitroso-di-n-prop. (1)	8000	5750	72	-44 *	38	41 126
1,2,4-Trichlorobenzene	8000	6430	80	-50 *	23	38 107
4-Chloro-3-methylphenol	16000	13400	84	-53 *	33	26 103
Acenaphthene	8000	6860	86	-49 *	19	31-137
4-Nitrophenol	16000	12500	78	-60 *	50	11-114
2,4-Dinitrotoluene	8000	6900	86	-53 *	47	28- 89
Pentachlorophenol	16000	2910	18	-200 *	47	17-109
Pyrene	8000	13000	148 *	-55 *	36	35-142

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
 * Values outside of QC limits

RPD: 10 out of 11 outside limits
 Spike Recovery: 3 out of 22 outside limits

COMMENTS: GSA8(2-4) JOB2260 SS4815A
 AUTOSAMPLR I50Y

3X
WATER SEMIVOLATILE MATRIX SPIKE RECOVERY

Lab Name: RECRA ENVIRONContract: NY91-831RLab Code: RECNYCase No.: 3603

SAS No.: _____

SDG No.: GSA8Matrix Spike - Sample No.: MSBLANKW

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC LIMITS REC.
Phenol	200	0	80.6	40 *	75-125
2-Chlorophenol	200	0	154	77	75-125
1,4-Dichlorobenzene	100	0	78.0	78	75-125
N-Nitroso-di-n-prop. (1)	100	0	80.6	81	75-125
1,2,4-Trichlorobenzene	100	0	80.4	80	75-125
4-Chloro-3-methylphenol	200	0	146	73 *	75-125
Acenaphthene	100	0	93.4	93	75-125
4-Nitrophenol	200	0	98.4	49 *	75-125
2,4-Dinitrotoluene	100	0	107	107	75-125
Pentachlorophenol	200	0	31.8	16 *	75-125
Pyrene	100	0	111	111	75-125

(1) N-Nitroso-di-n-propylamine

* Values outside of QC limits

Spike Recovery: 4 out of 11 outside limits

COMMENTS: SBLK83 JOB2348 BN3790/91
AUTOSAMPLR I50Z

3X
SOIL SEMIVOLATILE MATRIX SPIKE RECOVERY

Lab Name: RECRA ENVIRON Contract: NY91-831R
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8
 Matrix Spike - Sample No.: MSBLANKS Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC LIMITS REC.
Phenol	13300	0	14300	108	75-125
2-Chlorophenol	13300	0	10700	80	75-125
1,4-Dichlorobenzene	6670	0	5480	82	75-125
N-Nitroso-di-n-prop. (1)	6670	0	5480	82	75-125
1,2,4-Trichlorobenzene	6670	0	6100	91	75-125
4-Chloro-3-methylphenol	13300	0	10900	82	75-125
Acenaphthene	6670	0	6100	91	75-125
4-Nitrophenol	13300	0	12400	93	75-125
2,4-Dinitrotoluene	6670	0	6740	101	75-125
Pentachlorophenol	13300	0	6940	52 *	75-125
Pyrene	6670	0	6740	101	75-125

(1) N-Nitroso-di-n-propylamine

* Values outside of QC limits

Spike Recovery: 1 out of 11 outside limits

COMMENTS: SBLK06 JOB2260 SS4812
AUTOSAMPLR I50Y

3G
SOIL PESTICIDE MATRIX SPIKE BLANK RECOVERY

Lab Name: RECRA ENVIRONMENTAL, INC. Contract: _____
Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8
Matrix Spike Blank ID: MSB01 Vial #: SS4813

COMPOUND	SPIKE ADDED (ug/kg)	MSB CONCENTRATION (ug/kg)	MS % REC #	QC LIMITS % REC
gamma-BHC (Lindane)	53.3	66	124	75-125
Heptachlor	53.3	64	120	75-125
Aldrin	53.3	120	225*	75-125
Dieldrin	133	130	98	75-125
Endrin	133	180	135*	75-125
4,4'-DDT	133	190	143*	75-125

* Values outside of QC limits

Spike Recovery: 3 out of 6 outside limits

COMMENTS: _____

3F

SOIL PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: RECRA ENVIRON Contract: _____Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8Matrix Spike - EPA Sample No.: GSA824 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC LIMITS REC.
gamma-BHC (Lindane)_____	63.6	0	20.5	32 *	46-127
Heptachlor_____	63.6	0	33.7	53	35-130
Aldrin_____	63.6	0	64.7	102	34-132
Dieldrin_____	159	0	72.5	46	31-134
Endrin_____	159	0	92.5	58	42-139
4,4'-DDT_____	159	0	88.9	56	23-134

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	REC.
gamma-BHC (Lindane)_____	64.1	32.8	51	-46	50	46-127
Heptachlor_____	64.1	61.3	96	-58 *	31	35-130
Aldrin_____	64.1	121	189 *	-60 *	43	34-132
Dieldrin_____	160	148	92	-67 *	38	31-134
Endrin_____	160	179	112	-64 *	45	42-139
4,4'-DDT_____	160	179	112	-67 *	50	23-134

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 5 out of 6 outside limitsSpike Recovery: 2 out of 12 outside limits

COMMENTS:

4A
VOLATILE METHOD BLANK SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-831R
Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8
Lab File ID: D4729 Lab Sample ID: VBLK08
Date Analyzed: 08116191 Time Analyzed: 1700
Matrix: (soil/water) WATER Level: (low/med) LOW
Instrument ID: 51D

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	FIELDBLANK1	FIELDBLANK1	D4731	1817
02	FIELDBLANK2	FIELDBLANK2	D4732	1853
03	TRIPBLANK1	TRIPBLANK1	D4730	1741

COMMENTS: VBLK08
51D

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK08

Lab Name: RECRA ENVIRONContract: NY91-831RLab Code: RECNYCase No.: 3603

SAS No.: _____

SDG No.: GSA8Matrix: (soil/water) WATERLab Sample ID: VBLK08Sample wt/vol: 5.0 (g/mL) MLLab File ID: D4729Level: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____

Date Analyzed: 08/16/91Column: (pack/cap) PACKDilution Factor: 1.0

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

74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	0.3	J
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Total Xylenes	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK08

Lab Name: RECRA ENVIRON

Contract: NY91-831R

I b Code: RECNY

Case No.: 3603

SAS No.: _____

SDG No.: GSA8

Matrix: (soil/water) WATER

Lab Sample ID: VBLK08

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

Lab File ID: D4729

I vel: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____

Date Analyzed: 08/16/91

I c lumn (pack/cap) PACK

Dilution Factor: 1.0

Number TICs found: 0

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

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

4A
VOLATILE METHOD BLANK SUMMARY

122

Lab Name: RECRA ENVIRON Contract: NY91-831R
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8
 Lab File ID: H5848 Lab Sample ID: VBLK67
 Date Analyzed: 08/17/91 Time Analyzed: 1222
 Matrix: (soil/water) SOIL Level: (low/med) LOW
 Instrument ID: I50H

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	GSB1100120	GSB1100120	H5850	1351
02	GSB22040	GSB22040	H5854	1647
03	GSB54060	GSB54060	H5849	1305

COMMENTS: VBLK67
I50H

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK67

Lab Name: RECRA ENVIRONContract: NY91-831RLab Code: RECNYCase No.: 3603

SAS No.: _____

SDG No.: GSA8Matrix: (soil/water) SOILLab Sample ID: VBLK67Sample wt/vol: 5.0 (g/mL) GLab File ID: H5848Level: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____

Date Analyzed: 08/17/91Column: (pack/cap) PACKDilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
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	U
67-64-1-----	Acetone	10	U
75-15-0-----	Carbon Disulfide	5	U
75-35-4-----	1,1-Dichloroethene	5	U
75-34-3-----	1,1-Dichloroethane	5	U
540-59-0-----	1,2-Dichloroethene (total)	5	U
67-66-3-----	Chloroform	5	U
107-06-2-----	1,2-Dichloroethane	5	U
78-93-3-----	2-Butanone	10	U
71-55-6-----	1,1,1-Trichloroethane	5	U
56-23-5-----	Carbon Tetrachloride	5	U
108-05-4-----	Vinyl Acetate	10	U
75-27-4-----	Bromodichloromethane	5	U
78-87-5-----	1,2-Dichloropropane	5	U
10061-01-5-----	cis-1,3-dichloropropene	5	U
79-01-6-----	Trichloroethene	5	U
124-48-1-----	Dibromochloromethane	5	U
79-00-5-----	1,1,2-Trichloroethane	5	U
71-43-2-----	Benzene	5	U
10061-02-6-----	trans-1,3-dichloropropene	5	U
75-25-2-----	Bromoform	5	U
108-10-1-----	4-Methyl-2-Pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	5	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5	U
108-88-3-----	Toluene	5	U
108-90-7-----	Chlorobenzene	5	U
100-41-4-----	Ethylbenzene	5	U
100-42-5-----	Styrene	5	U
1330-20-7-----	Total Xylenes	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK67

Lab Name: RECRA ENVIRON Contract: NY91-831R

I b Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8

Matrix: (soil/water) SOIL Lab Sample ID: VBLK67

Sample wt/vol: 5.0 (g/mL) G Lab File ID: H5848

I vel: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 08/17/91

C lumn (pack/cap) PACK Dilution Factor: 1.0

Number TICs found: 0CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

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

4A
VOLATILE METHOD BLANK SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-831R
 Lab Code: RECNY Case No.: 3603 SAS No.: SDG No.: GSA8
 Lab File ID: D4779 Lab Sample ID: VBLK10
 Date Analyzed: 08/18/91 Time Analyzed: 1242
 Matrix: (soil/water) SOIL Level: (low/med) MED
 Instrument ID: 51D

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	GSA82040	GSA82040	D4781	1423
02	GSB4100120	GSB4100120	D4784	1627
03	MSBLANKML	MSBLANKML	D4778	1205
04	GSA82040MS	GSA82040MS	D4782	1505
05	GSA82040MSD	GSA82040MSD	D4783	1546

COMMENTS: VBLK10
51D

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK10

Lab Name: RECRA ENVIRONContract: NY91-831RLab Code: RECNYCase No.: 3603

SAS No.: _____

SDG No.: GSA8Matrix: (soil/water) SOILLab Sample ID: VBLK10sample wt/vol: 4.0 (g/mL) GLab File ID: D4779Level: (low/med) MED

Date Received: _____

% Moisture: not dec. _____

Date Analyzed: 08/18/91Column: (pack/cap) PACKDilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO.

COMPOUND

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

Q

74-87-3-----	Chloromethane	1200	U
74-83-9-----	Bromomethane	1200	U
75-01-4-----	Vinyl Chloride	1200	U
75-00-3-----	Chloroethane	1200	U
75-09-2-----	Methylene Chloride	620	U
67-64-1-----	Acetone	1200	U
75-15-0-----	Carbon Disulfide	620	U
75-35-4-----	1,1-Dichloroethene	620	U
75-34-3-----	1,1-Dichloroethane	620	U
540-59-0-----	1,2-Dichloroethene (total)	620	U
67-66-3-----	Chloroform	620	U
107-06-2-----	1,2-Dichloroethane	620	U
78-93-3-----	2-Butanone	1200	U
71-55-6-----	1,1,1-Trichloroethane	620	U
56-23-5-----	Carbon Tetrachloride	620	U
108-05-4-----	Vinyl Acetate	1200	U
75-27-4-----	Bromodichloromethane	620	U
78-87-5-----	1,2-Dichloropropane	620	U
10061-01-5-----	cis-1,3-dichloropropene	620	U
79-01-6-----	Trichloroethene	620	U
124-48-1-----	Dibromochloromethane	620	U
79-00-5-----	1,1,2-Trichloroethane	620	U
71-43-2-----	Benzene	620	U
10061-02-6-----	trans-1,3-dichloropropene	620	U
75-25-2-----	Bromoform	620	U
108-10-1-----	4-Methyl-2-Pentanone	1200	U
591-78-6-----	2-Hexanone	1200	U
127-18-4-----	Tetrachloroethene	620	U
79-34-5-----	1,1,2,2-Tetrachloroethane	620	U
108-88-3-----	Toluene	620	U
108-90-7-----	Chlorobenzene	620	U
100-41-4-----	Ethylbenzene	620	U
100-42-5-----	Styrene	620	U
1330-20-7-----	Total Xylenes	620	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK10

Lab Name: RECRA ENVIRON Contract: NY91-831RL b Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8Matrix: (soil/water) SOIL Lab Sample ID: VBLK10Sample wt/vol: 4.0 (g/mL) G Lab File ID: D4779L vel: (low/med) MED Date Received: _____% Moisture: not dec. _____ Date Analyzed: 08/18/91C lumn (pack/cap) PACK Dilution Factor: 1.0

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	<u>Q</u>
=====	=====	=====	=====	=====

4A

VOLATILE METHOD BLANK SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-831R
 Lab Code: RECNY Case No.: 3603 SAS No.: SDG No.: GSA8
 Lab File ID: H5875 Lab Sample ID: VLK68
 Date Analyzed: 08/18/91 Time Analyzed: 2244
 Matrix: (soil/water) SOIL Level: (low/med) LOW
 Instrument ID: I50H

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	GSB54060DL	GSB54060DL	H5881	0308
02	MSBLANKS	MSBLANKS	H5874	2155
03	GSB1100120MS	GSB1100120MS	H5879	0140
04	GSB1100120MSD	GSB1100120MSD	H5880	0224

COMMENTS: VBLK 68
 I50H

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBK68

Lab Name: RECRA ENVIRON

Contract: NY91-831R

Lab Code: RECNY

Case No.: 3603

SAS No.: _____

SDG No.: GSA8

Matrix: (soil/water) SOIL

Lab Sample ID: VBK68

sample wt/vol: 5.0 (g/mL) G

Lab File ID: H5875

Level: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____

Date Analyzed: 08/18/91

Column: (pack/cap) PACK

Dilution Factor: 1.0

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG 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	U
67-64-1-----	Acetone	6	J
75-15-0-----	Carbon Disulfide	5	U
75-35-4-----	1,1-Dichloroethene	5	U
75-34-3-----	1,1-Dichloroethane	5	U
540-59-0-----	1,2-Dichloroethene (total)	5	U
67-66-3-----	Chloroform	5	U
107-06-2-----	1,2-Dichloroethane	5	U
78-93-3-----	2-Butanone	10	U
71-55-6-----	1,1,1-Trichloroethane	5	U
56-23-5-----	Carbon Tetrachloride	5	U
108-05-4-----	Vinyl Acetate	10	U
75-27-4-----	Bromodichloromethane	5	U
78-87-5-----	1,2-Dichloropropane	5	U
10061-01-5-----	cis-1,3-dichloropropene	5	U
79-01-6-----	Trichloroethene	5	U
124-48-1-----	Dibromochloromethane	5	U
79-00-5-----	1,1,2-Trichloroethane	5	U
71-43-2-----	Benzene	5	U
10061-02-6-----	trans-1,3-dichloropropene	5	U
75-25-2-----	Bromoform	5	U
108-10-1-----	4-Methyl-2-Pentanone	10	U
591-78-6-----	2-pentanone	10	U
127-18-4-----	Tetrachloroethene	5	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5	U
108-88-3-----	Toluene	5	U
108-90-7-----	Chlorobenzene	5	U
100-41-4-----	Ethylbenzene	5	U
100-42-5-----	Styrene	5	U
1330-20-7-----	Total Xylenes	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK68

Lab Name: RECRA ENVIRONContract: NY91-831RLab Code: RECNYCase No.: 3603

SAS No.: _____

SDG No.: GSA8Matrix: (soil/water) SOILLab Sample ID: VBLK68Sample wt/vol: 5.0 (g/mL) GLab File ID: H5875Level: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____

Date Analyzed: 08/18/91Column (pack/cap) PACKDilution Factor: 1.0Number TICs found: 0CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

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

4A
VOLATILE METHOD BLANK SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-831R
Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8
Lab File ID: E2899 Lab Sample ID: VBK14E
Date Analyzed: 08/19/91 Time Analyzed: 1146
Matrix: (soil/water) WATER Level: (low/med) LOW
Instrument ID: 51E

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	FIELDBLANK3	FIELDBLANK3	E2901	1257
02	TRIPBLANK2	TRIPBLANK2	E2900	1222

COMMENTS: VBK14
51E

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK14E

Lab Name: RECRA ENVIRONContract: NY91-831RLab Code: RECNYCase No.: 3603

SAS No.: _____

SDG No.: GSA8Matrix: (soil/water) WATERLab Sample ID: VBLK14ESample wt/vol: 5.0 (g/mL) MLLab File ID: E2899Level: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____

Date Analyzed: 08/19/91Column: (pack/cap) PACKDilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
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	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Total Xylenes	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK14E

Lab Name: RECRA ENVIRON Contract: NY91-831R
Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8
Matrix: (soil/water) WATER Lab Sample ID: VBLK14E
sample wt/vol: 5.0 (g/mL) ML Lab File ID: E2899
Level: (low/med) LOW Date Received: _____
% Moisture: not dec. _____ Date Analyzed: 08/19/91
Column (pack/cap) PACK Dilution Factor: 1.0

Number TICs found: 0CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

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

4A
VOLATILE METHOD BLANK SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-831R
 Lab Code: RECNY Case No.: 3603 SAS No.: SDG No.: GSA8
 Lab File ID: H5914 Lab Sample ID: VBLK70
 Date Analyzed: 08/20/91 Time Analyzed: 1320
 Matrix: (soil/water) SOIL Level: (low/med) LOW
 Instrument ID: I50H

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	GSA44060	GSA44060	H5916	1435

COMMENTS: VBLK70
I50H

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 135

VBLK70

Lab Name: RECRA ENVIRON Contract: NY91-831R

I b Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8

Matrix: (soil/water) SOIL Lab Sample ID: VBLK70

Sample wt/vol: 5.0 (g/mL) G Lab File ID: H5914

I vel: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 08/20/91

C lumn: (pack/cap) PACK Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
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	U
67-64-1	-----Acetone	3	J
75-15-0	-----Carbon Disulfide	5	U
75-35-4	-----1,1-Dichloroethene	5	U
75-34-3	-----1,1-Dichloroethane	5	U
540-59-0	-----1,2-Dichloroethene (total)	5	U
67-66-3	-----Chloroform	5	U
107-06-2	-----1,2-Dichloroethane	5	U
78-93-3	-----2-Butanone	10	U
71-55-6	-----1,1,1-Trichloroethane	5	U
56-23-5	-----Carbon Tetrachloride	5	U
108-05-4	-----Vinyl Acetate	10	U
75-27-4	-----Bromodichloromethane	5	U
78-87-5	-----1,2-Dichloropropane	5	U
10061-01-5	-----cis-1,3-dichloropropene	5	U
79-01-6	-----Trichloroethene	5	U
124-48-1	-----Dibromochloromethane	5	U
79-00-5	-----1,1,2-Trichloroethane	5	U
71-43-2	-----Benzene	5	U
10061-02-6	-----trans-1,3-dichloropropene	5	U
75-25-2	-----Bromoform	5	U
108-10-1	-----4-Methyl-2-Pentanone	10	U
591-78-6	-----2-Hexanone	10	U
127-18-4	-----Tetrachloroethene	5	U
79-34-5	-----1,1,2,2-Tetrachloroethane	5	U
108-88-3	-----Toluene	5	U
108-90-7	-----Chlorobenzene	5	U
100-41-4	-----Ethylbenzene	5	U
100-42-5	-----Styrene	5	U
1330-20-7	-----Total Xylenes	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK70

Lab Name: RECRA ENVIRON Contract: NY91-831RI b Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8Matrix: (soil/water) SOILLab Sample ID: VBLK70Sample wt/vol: 5.0 (g/mL) GLab File ID: H5914I vel: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____

Date Analyzed: 08/20/91c lumn (pack/cap) PACKDilution Factor: 1.0Number TICs found: 0CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

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

4A
VOLATILE METHOD BLANK SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-831R
 Lab Code: RECNY Case No.: 3603 SAS No.: SDG No.: GSA8
 Lab File ID: D4863 Lab Sample ID: VBLK14D
 Date Analyzed: 08/21/91 Time Analyzed: 105
 Matrix: (soil/water) WATER Level: (low/med) LOW
 Instrument ID: 51D

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	B201D80100	B201D80100	D4866	0309
02	B201S12140	B201S12140	D4869	0512
03	FIELDBLANK4	FIELDBLANK4	D4865	0228
04	TRIPBLANK3	TRIPBLANK3	D4864	0146

COMMENTS: VBLK14
51D

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 130

VBLK14D

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8

Matrix: (soil/water) WATER Lab Sample ID: VBLK14D

sample wt/vol: 5.0 (g/mL) ML Lab File ID: D4863

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 08/21/91

Volumen: (pack/cap) PACK Dilution Factor: 1.0

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 U
67-64-1	Acetone	10 U
75-15-0	Carbon Disulfide	5 U
75-35-4	1,1-Dichloroethene	5 U
75-34-3	1,1-Dichloroethane	5 U
540-59-0	1,2-Dichloroethene (total)	5 U
67-66-3	Chloroform	5 U
107-06-2	1,2-Dichloroethane	5 U
78-93-3	2-Butanone	10 U
71-55-6	1,1,1-Trichloroethane	5 U
56-23-5	Carbon Tetrachloride	5 U
108-05-4	Vinyl Acetate	10 U
75-27-4	Bromodichloromethane	5 U
78-87-5	1,2-Dichloropropane	5 U
10061-01-5	cis-1,3-dichloropropene	5 U
79-01-6	Trichloroethene	5 U
124-48-1	Dibromochloromethane	5 U
79-00-5	1,1,2-Trichloroethane	5 U
71-43-2	Benzene	5 U
10061-02-6	trans-1,3-dichloropropene	5 U
75-25-2	Bromoform	5 U
108-10-1	4-Methyl-2-Pentanone	10 U
591-78-6	2-Hexanone	10 U
127-18-4	Tetrachloroethene	5 U
79-34-5	1,1,2,2-Tetrachloroethane	5 U
108-88-3	Toluene	5 U
108-90-7	Chlorobenzene	5 U
100-41-4	Ethylbenzene	5 U
100-42-5	Styrene	5 U
1330-20-7	Total Xylenes	5 U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK14D

Lab Name: RECRA ENVIRON Contract: NY91-831RLab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8Matrix: (soil/water) WATERLab Sample ID: VBLK14DSample wt/vol: 5.0 (g/mL) MLLab File ID: D4863Level: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____

Date Analyzed: 08/21/91Column (pack/cap) PACKDilution Factor: 1.0Number TICs found: 0CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

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

4A
VOLATILE METHOD BLANK SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-831R
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8
 Lab File ID: D4948 Lab Sample ID: VBLK18
 Date Analyzed: 08/23/91 Time Analyzed: 2225
 Matrix: (soil/water) WATER Level: (low/med) LOW
 Instrument ID: 51D

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	MSBLANKW	MSBLANKW	D4947	2148
02	STW201	STW201	D4957	0352
03	TRIPBLANK4	TRIPBLANK4	D4951	0015
04	STW201MS	STW201MS	D4958	0429
05	STW201MSD	STW201MSD	D4959	0505

COMMENTS: VBLK 18
51D

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK18

Lab Name: RECRA ENVIRONContract: NY91-831RLab Code: RECNYCase No.: 3603

SAS No.: _____

SDG No.: GSA8Matrix: (soil/water) WATERLab Sample ID: VBLK18sample wt/vol: 5.0 (g/mL) MLLab File ID: D4948Level: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____

Date Analyzed: 08/23/91Column: (pack/cap) PACKDilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
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	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethane	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethane (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Total Xylenes	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK18

Lab Name: RECRA ENVIRON Contract: NY91-831RLab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8Matrix: (soil/water) WATERLab Sample ID: VBLK18Sample wt/vol: 5.0 (g/mL) MLLab File ID: D4948Level: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____

Date Analyzed: 08/23/91Column (pack/cap) PACKDilution Factor: 1.0

CONCENTRATION UNITS:

Number TICs found: 0(ug/L or ug/Kg) UG/L

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

4B
SEMIVOLATILE METHOD BLANK SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-831R
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8
 Lab File ID: 86212 Lab Sample ID: SBLK83
 Date Extracted: 08/24/91 Extraction: (SepF/Cont/Sonc) SEPF
 Date Analyzed: 08/30/91 Time Analyzed: 2049
 Matrix: (soil/water) WATER Level: (low/med) LOW
 Instrument ID: I50Z

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	MSBLANKW	MSBLANKW	8702Z	09/05/91
02	STW201	STW201	8622Z	08/30/91
03	STW201MS	STW201MS	8623Z	08/30/91
04	STW201MSD	STW201MSD	8624Z	08/30/91

COMMENTS: SBLK83 JOB2348 BN3790/91
AUTOSAMPLR I50Z

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK83

Lab Name: RECRA ENVIRON Contract: NY91-831RLab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8Matrix: (soil/water) WATERLab Sample ID: SBLK83Sample wt/vol: 1000 (g/mL) MLLab File ID: 8621ZLevel: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____ dec. _____

Date Extracted: 08/24/91Extraction: (SepF/Cont/Sonc) SEPFDate Analyzed: 08/30/91GPC Cleanup: (Y/N) N pH: 7.0Dilution Factor: 1.0

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

CAS NO. COMPOUND Q

108-95-2-----	Phenol	10	U
111-44-4-----	bis(2-Chloroethyl) Ether	10	U
95-57-8-----	2-Chlorophenol	10	U
541-73-1-----	1,3-Dichlorobenzene	10	U
106-46-7-----	1,4-Dichlorobenzene	10	U
100-51-6-----	Benzyl Alcohol	10	U
95-50-1-----	1,2-Dichlorobenzene	10	U
95-48-7-----	2-Methylphenol	10	U
108-60-1-----	bis(2-Chloroisopropyl) Ether	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
65-85-0-----	Benzoic Acid	50	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	50	U
91-58-7-----	2-Chloronaphthalene	10	U
88-74-4-----	2-Nitroaniline	50	U
131-11-3-----	Dimethyl Phthalate	10	U
208-96-8-----	Acenaphthylene	10	U
606-20-2-----	2,6-Dinitrotoluene	10	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SBLK83

Lab Name: RECRA ENVIRONContract: NY91-831RLab Code: RECNYCase No.: 3603

SAS No.: _____

SDG No.: GSA8Matrix: (soil/water) WATERLab Sample ID: SBLK83Sample wt/vol: 1000 (g/mL) MLLab File ID: 86212Level: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____ dec. _____

Date Extracted: 08/24/91Extraction: (SepF/Cont/Sonc) SEPFDate Analyzed: 08/30/91GPC Cleanup: (Y/N) N pH: 7.0Dilution Factor: 1.0

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

CAS NO. COMPOUND Q

99-09-2-----	3-Nitroaniline	50	U
83-32-9-----	Acenaphthene	10	U
51-28-5-----	2,4-Dinitrophenol	50	U
100-02-7-----	4-Nitrophenol	50	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	50	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	50	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	50	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	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	20	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		U
191-24-2-----	Benzo(g,h,i)Perylene		U

(1) - Cannot be separated from Diphenylamine

146

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBLK83

Lab Name: RECRA ENVIRON Contract: NY91-831RLab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8Matrix: (soil/water) WATERLab Sample ID: SBLK83Sample wt/vol: 1000 (g/mL) MLLab File ID: 86212Level: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____ dec. _____

Date Extracted: 08/24/91Extraction: (SepF/Cont/Sonc) SEPEDate Analyzed: 08/30/91GPC Cleanup: (Y/N) N pH: 7.0Dilution Factor: 1.0

CONCENTRATION UNITS:

Number TICs found: 0(ug/L or ug/Kg) UG/L

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

4B
SEMIVOLATILE METHOD BLANK SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-831R
Lab Code: RECNY Case NO.: 3603 SAS No.: _____ SDG No.: GSA8
Lab File ID: 5999W Lab Sample ID: SBLK03
Date Extracted: 08/16/91 Extraction: (SepF/Cont/Sonc) SEPE
Date Analyzed: 08/30/91 Time Analyzed: 2215
Matrix: (soil/water) WATER Level: (low/med) LOW
Instrument ID: I50W

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	FIELDBLANK1	FIELDBLANK1	6000W	08/30/91
02	FIELDBLANK2	FIELDBLANK2	6001W	08/30/91

COMMENTS: SBLK03 JOB2260A BN3768/69
AUTOSAMPLR I50W

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK03

Lab Name: RECRA ENVIRON Contract: NY91-831RLab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8Matrix: (soil/water) WATERLab Sample ID: SBLK03sample wt/vol: 1000 (g/mL) MLLab File ID: 5999WLevel: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____ dec. _____

Date Extracted: 08/16/91Extraction: (SepF/Cont/Sonc) SEPFDate Analyzed: 08/30/91GPC Cleanup: (Y/N) N pH: 7.0Dilution Factor: 1.0

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(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
100-51-6-----	Benzyl Alcohol	10	U
95-50-1-----	1,2-Dichlorobenzene	10	U
95-48-7-----	2-Methylphenol	10	U
108-60-1-----	bis(2-Chloroisopropyl) Ether	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
65-85-0-----	Benzoic Acid	50	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	50	U
91-58-7-----	2-Chloronaphthalene	10	U
88-74-4-----	2-Nitroaniline	50	U
131-11-3-----	Dimethyl Phthalate	10	U
208-96-8-----	Acenaphthylene		U
606-20-2-----	2,6-Dinitrotoluene		U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK03

Lab Name: RECRA ENVIRONContract: NY91-831RLab Code: RECNYCase No.: 3603

SAS No.: _____

SDG No.: GSA8Matrix: (soil/water) WATERLab Sample ID: SBLK03Sample wt/vol: 1000 (g/mL) MLLab File ID: 5999WLevel: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____ dec. _____

Date Extracted: 08/16/91Extraction: (SepF/Cont/Sonc) SEPFDate Analyzed: 08130191GPC Cleanup: (Y/N) N pH: 7.0Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
99-09-2-----	3-Nitroaniline	50	U
83-32-9-----	Acenaphthene	10	U
51-28-5-----	2,4-Dinitrophenol	50	U
100-02-7-----	4-Nitrophenol	50	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	50	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	50	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	50	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	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	20	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

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBLK03

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8

Matrix: (soil/water) WATER Lab Sample ID: SBLK03

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 5999W

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ dec. _____ Date Extracted: 08/16/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 08130191

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

Number TICs found: 0

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

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

4 B
SEMIVOLATILE METHOD BLANK SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-831R
 Lab Code: RECNY Case No.: 3603 SAS No.: SDG No.: GSA8
 Lab File ID: 8700Y Lab Sample ID: SBLK01
 Date Extracted: 08/20/91 Extraction: (SepF/Cont/Sonc) SONC
 Date Analyzed: 09/02/91 Time Analyzed: 1842
 Matrix: (soil/water) SOIL Level: (low/med) LOW
 Instrument ID: I50Y

THIS METHOD **BLANK** APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO. =====	LAB SAMPLE ID =====	LAB FILE ID =====	DATE ANALYZED =====
01	B201D80100	B201D80100	8823Y	09/11/91

COMMENTS: SBLK01 JOB 2289 SS4842
AUTOSAMPLR I50Y

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK01

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8

Matrix: (soil/water) SOIL Lab Sample ID: SBLK01

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 8700Y

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ dec. _____ Date Extracted: 08/20/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 09/02/91

GPC Cleanup: (Y/N) Y pH: 7.0 Dilution Factor: 1.0

CONCENTRATION UNITS:

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

108-95-2	Phenol	660	U
111-44-4	bis(2-Chloroethyl) Ether	660	U
95-57-8	2-Chlorophenol	660	U
541-73-1	1,3-Dichlorobenzene	660	U
106-46-7	1,4-Dichlorobenzene	660	U
100-51-6	Benzyl Alcohol	660	U
95-50-1	1,2-Dichlorobenzene	660	U
95-48-7	2-Methylphenol	660	U
108-60-1	bis(2-Chloroisopropyl) Ether	660	U
106-44-5	4-Methylphenol	660	U
621-64-7	N-Nitroso-Di-n-Propylamine	660	U
67-72-1	Hexachloroethane	660	U
98-95-3	Nitrobenzene	660	U
78-59-1	Isophorone	660	U
88-75-5	2-Nitrophenol	660	U
105-67-9	2,4-Dimethylphenol	660	U
65-85-0	Benzoic Acid	3200	U
111-91-1	bis(2-Chloroethoxy) Methane	660	U
120-83-2	2,4-Dichlorophenol	660	U
120-82-1	1,2,4-Trichlorobenzene	660	U
91-20-3	Naphthalene	660	U
106-47-8	4-Chloroaniline	660	U
87-68-3	Hexachlorobutadiene	660	U
59-50-7	4-Chloro-3-Methylphenol	660	U
91-57-6	2-Methylnaphthalene	660	U
77-47-4	Hexachlorocyclopentadiene	660	U
88-06-2	2,4,6-Trichlorophenol	660	U
95-95-4	2,4,5-Trichlorophenol	3200	U
91-58-7	2-Chloronaphthalene	660	U
88-74-4	2-Nitroaniline	3200	U
131-11-3	Dimethyl Phthalate	660	U
208-96-8	Acenaphthylene	660	U
606-20-2	2,6-Dinitrotoluene	660	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK01

Lab Name: RECRA ENVIRONContract: NY91-831RLab Code: RECNYCase No.: 3603

SAS No.: _____

SDG No.: GSA8Matrix: (soil/water) SOILLab Sample ID: SBLK01Sample wt/vol: 30.0 (g/mL) GLab File ID: 8700YLevel: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____ dec. _____

Date Extracted: 08/20/91Extraction: (SepF/Cont/Sonc) SONCDate Analyzed: 09/02/91GPC Cleanup: (Y/N) Y pH: 7.0Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2-----	3-Nitroaniline	3200	U
83-32-9-----	Acenaphthene	660	U
51-28-5-----	2,4-Dinitrophenol	3200	U
100-02-7-----	4-Nitrophenol	3200	U
132-64-9-----	Dibenzofuran	660	U
121-14-2-----	2,4-Dinitrotoluene	660	U
84-66-2-----	Diethylphthalate	660	U
7005-72-3-----	4-Chlorophenyl-phenylether	660	U
86-73-7-----	Fluorene	660	U
100-01-6-----	4-Nitroaniline	3200	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	3200	U
86-30-6-----	N-Nitrosodiphenylamine (1)	660	U
101-55-3-----	4-Bromophenyl-phenylether	660	U
118-74-1-----	Hexachlorobenzene	660	U
87-86-5-----	Pentachlorophenol	3200	U
85-01-8-----	Phenanthrene	660	U
120-12-7-----	Anthracene	660	U
84-74-2-----	Di-n-Butylphthalate	660	U
206-44-0-----	Fluoranthene	660	U
129-00-0-----	Pyrene	660	U
85-68-7-----	Butylbenzylphthalate	660	U
91-94-1-----	3,3'-Dichlorobenzidine	1300	U
56-55-3-----	Benzo(a) Anthracene	660	U
218-01-9-----	Chrysene	660	U
117-81-7-----	Bis(2-Ethylhexyl) Phthalate	660	U
117-84-0-----	Di-n-Octyl Phthalate	660	U
205-99-2-----	Benzo(b) Fluoranthene	660	U
207-08-9-----	Benzo(k) Fluoranthene	660	U
50-32-8-----	Benzo(a) Pyrene	660	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	660	U
53-70-3-----	Dibenz(a,h) Anthracene	660	U
191-24-2-----	Benzo(g,h,i) Perylene	660	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

154 -

Lab Name: RECRA ENVIRONMENTAL, INC.	EPA Sample No.: SBLK01
Lab Code: RECNY Case No: 3603 SAS No.:	Contract: NY91-831R
Matrix (Soil/Water): SOIL	SDG No.: GSA8
Sample wt/vol: 30.0 (g/ml): G	Lab Sample ID.: SBLK01
Level (low/med): LOW	Lab File ID.: 8700Y
% Moisture not Dec: Dec:	Date Received:
Extraction: (SepF/Cont/Sonc/Sox): SONC	Date Extracted: 08/20/91
GPC Cleanup: (Y/N): Y pH: 7.0	Date Analyzed: 09/02/91
Number TICs Found: 0	Dilution Factor: 1.0
	Concentration Units: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	SUSPECTED ALDOL COND.PRODUCT	8.17	500	AJ
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
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4B
SEMIVOLATILE METHOD BLANK SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-831R
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8
 Lab File ID: 8343X Lab Sample ID: SBLK47
 Date Extracted: 08/22/91 Extraction: (SepF/Cont/Sonc) SEPF
 Date Analyzed: 09/04/91 Time Analyzed: 1828
 Matrix: (soil/water) WATER Level: (low/med) LOW
 Instrument ID: I50X

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	=====	=====	=====	=====
01	FIELDBLANK3	FIELDBLANK3	8344X	09/04/91
02	FIELDBLANK4	FIELDBLANK4	8345X	09/04/91

COMMENTS: SBLK47 JOB 2288A BN3778/79
AUTOSAMPLR I50X

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK47

Lab Name: RECRA ENVIRON Contract: NY91-831RLab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8Matrix: (soil/water) WATERLab Sample ID: SBLK47Sample wt/vol: 1000 (g/mL) MLLab File ID: 8343XLevel: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____ dec. _____

Date Extracted: 08/22/91Extraction: (SepF/Cont/Sonc) SEPFDate Analyzed: 09/04/91GPC Cleanup: (Y/N) N pH: 7.0Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
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
100-51-6-----	Benzyl Alcohol	10	U
95-50-1-----	1,2-Dichlorobenzene	10	U
95-48-7-----	2-Methylphenol	10	U
108-60-1-----	bis(2-Chloroisopropyl) Ether	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
65-85-0-----	Benzoic Acid	50	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	50	U
91-58-7-----	2-Chloronaphthalene	10	U
88-74-4-----	2-Nitroaniline	50	U
131-11-3-----	Dimethyl Phthalate	10	U
208-96-8-----	Acenaphthylene	10	U
606-20-2-----	2,6-Dinitrotoluene	10	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK47

Lab Name: RECRA ENVIRON

Contract: NY91-831R

Lab Code: RECNY

Case No.: 3603

SAS No.: _____

SDG No.: GSA8

Matrix: (soil/water) WATER

Lab Sample ID: SBLK47

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

Lab File ID: 8343X

Level: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____ dec. _____

Date Extracted: 08/22/91

Extraction: (SepF/Cont/Sonc) SEPF

Date Analyzed: 09/04/91

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

Dilution Factor: 1.0

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

99-09-2-----3-Nitroaniline	50	U
83-32-9-----Acenaphthene	10	U
51-28-5-----2,4-Dinitrophenol	50	U
100-02-7-----4-Nitrophenol	50	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	50	U
534-52-1-----4,6-Dinitro-2-Methylphenol	50	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	50	U
85-01-8-----Phenanthrene	10	U
120-12-7-----Anthracene	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	20	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

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBLK47

Lab Name: RECRA ENVIRON Contract: NY91-831RLab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8Matrix: (soil/water) WATERLab Sample ID: SBLK47sample wt/vol: 1000 (g/mL) MLLab File ID: 8343XLevel: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____ dec. _____

Date Extracted: 08/22/91Extraction: (SepF/Cont/Sonc) SEPFDate Analyzed: 09/04/91GPC Cleanup: (Y/N) N pH: 7.0Dilution Factor: 1.0

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

Number TICs found: 0

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

4B
SEMIVOLATILE METHOD BLANK SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-831R
 Lab Code: RECNY Case No.: 3603 SAS No.: SDG No.: GSA8
 Lab File ID: 8743Y Lab Sample ID: SBLK06
 Date Extracted: 08/19/91 Extraction: (SepF/Cont/Sonc) SONC
 Date Analyzed: 09/05/91 Time Analyzed: 1144
 Matrix: (soil/water) SOIL Level: (low/med) LOW
 Instrument ID: I50Y

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	GSB1100120	GSB1100120	8750Y	09/05/91
02	GSB22040	GSB22040	8745Y	09/05/91
03	GSB4100120	GSB4100120	8751Y	09/05/91
04	GSB54060	GSB54060	8749Y	09/05/91
05	MSBLANKS	MSBLANKS	8744Y	09/05/91
06	GSA82040MS	GSA82040MS	8747Y	09/05/91
07	GSA82040MSD	GSA82040MSD	8748Y	09/05/91

COMMENTS: SBLK06 JOB2260 SS4812
AUTOSAMPLR I50Y

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK06

Lab Name: RECRA ENVIRONContract: NY91-831RLab Code: RECNYCase No.: 3603

SAS No.: _____

SDG No.: GSA8Matrix: (soil/water) SOILLab Sample ID: SBLK06Sample wt/vol: 30.0 (g/mL) GLab File ID: 8743YLevel: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____ dec. _____

Date Extracted: 08/19/91Extraction: (SepF/Cont/Sonc) SONCDate Analyzed: 09/05/91GPC Cleanup: (Y/N) YpH: 7.0Dilution Factor: 1.0

CAS NO.

COMPOUND

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

Q

108-95-2-----	Phenol	660	U
111-44-4-----	bis(2-Chloroethyl) Ether	660	U
95-57-8-----	2-Chlorophenol	660	U
541-73-1-----	1,3-Dichlorobenzene	660	U
106-46-7-----	1,4-Dichlorobenzene	660	U
100-51-6-----	Benzyl Alcohol	660	U
95-50-1-----	1,2-Dichlorobenzene	660	U
95-48-7-----	2-Methylphenol	660	U
108-60-1-----	bis(2-Chloroisopropyl) Ether	660	U
106-44-5-----	4-Methylphenol	660	U
621-64-7-----	N-Nitroso-Di-n-Propylamine	660	U
67-72-1-----	Hexachloroethane	660	U
98-95-3-----	Nitrobenzene	660	U
78-59-1-----	Isophorone	660	U
88-75-5-----	2-Nitrophenol	660	U
105-67-9-----	2,4-Dimethylphenol	660	U
65-85-0-----	Benzoic Acid	3200	U
111-91-1-----	bis(2-Chloroethoxy) Methane	660	U
120-83-2-----	2,4-Dichlorophenol	660	U
120-82-1-----	1,2,4-Trichlorobenzene	660	U
91-20-3-----	Naphthalene	660	U
106-47-8-----	4-Chloroaniline	660	U
87-68-3-----	Hexachlorobutadiene	660	U
59-50-7-----	4-Chloro-3-Methylphenol	660	U
91-57-6-----	2-Methylnaphthalene	660	U
77-47-4-----	Hexachlorocyclopentadiene	660	U
88-06-2-----	2,4,6-Trichlorophenol	660	U
95-95-4-----	2,4,5-Trichlorophenol	3200	U
91-58-7-----	2-Chloronaphthalene	660	U
88-74-4-----	2-Nitroaniline	3200	U
131-11-3-----	Dimethyl Phthalate	660	U
208-96-8-----	Acenaphthylene	660	U
606-20-2-----	2,6-Dinitrotoluene		U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK06

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8

Matrix: (soil/water) SOIL Lab Sample ID: SBLK06

sample wt/vol: 30.0 (g/mL) G Lab File ID: 8743Y

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ dec. _____ Date Extracted: 08/19/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 09/05/91

GPC Cleanup: (Y/N) Y pH: 7.0 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2-----	3-Nitroaniline	3200	U
83-32-9-----	Acenaphthene	660	U
51-28-5-----	2,4-Dinitrophenol	3200	U
100-02-7-----	4-Nitrophenol	3200	U
132-64-9-----	Dibenzofuran	660	U
121-14-2-----	2,4-Dinitrotoluene	660	U
84-66-2-----	Diethylphthalate	660	U
7005-72-3-----	4-Chlorophenyl-phenylether	660	U
86-73-7-----	Fluorene	660	U
100-01-6-----	4-Nitroaniline	3200	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	3200	U
86-30-6-----	N-Nitrosodiphenylamine (1)	660	U
101-55-3-----	4-Bromophenyl-phenylether	660	U
118-74-1-----	Hexachlorobenzene	660	U
87-86-5-----	Pentachlorophenol	3200	U
85-01-8-----	Phenanthrene	660	U
120-12-7-----	Anthracene	660	U
84-74-2-----	Di-n-Butylphthalate	330	J
206-44-0-----	Fluoranthene	660	U
129-00-0-----	Pyrene	660	U
85-68-7-----	Butylbenzylphthalate	660	U
91-94-1-----	3,3'-Dichlorobenzidine	1300	U
56-55-3-----	Benzo(a)Anthracene	660	U
218-01-9-----	Chrysene	660	U
117-81-7-----	Bis(2-Ethylhexyl)Phthalate	660	U
117-84-0-----	Di-n-Octyl Phthalate	660	U
205-99-2-----	Benzo(b)Fluoranthene	660	U
207-08-9-----	Benzo(k)Fluoranthene	660	U
50-32-8-----	Benzo(a)Pyrene	660	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	660	U
53-70-3-----	Dibenz(a,h)Anthracene	660	U
191-24-2-----	Benzo(g,h,i)Perylene	660	U

(1) - Cannot be separated from Diphenylamine

EPA Sample No.: SBLK06

Contract: NY91-831R

SDG No.: GSA8

Lab Sample ID.: SBLK06

Lab File ID.: 8743Y

Date Received:

Date Extracted: 08/19/91

Date Analyzed: 09/05/91

Dilution Factor: 1.0

Concentration Units:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	UNKNOWN	7.00	1100	J
2	SUSPECTED ALDOL COND.PRODUCT	7.72	860	AJ
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
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4B
SEMIVOLATILE METHOD BLANK SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-831R
 Lab Code: RECNY Case No.: 3603 SAS No.: SDG No.: GSA8
 Lab File ID: 8760Y Lab Sample ID: SBLK09
 Date Extracted: 08/22/91 Extraction: (SepF/Cont/Sonc) SONC
 Date Analyzed: 09/06/91 Time Analyzed: 1146
 Matrix: (soil/water) SOIL Level: (low/med) LOW
 Instrument ID: I50Y

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO. =====	LAB SAMPLE ID =====	LAB FILE ID =====	DATE ANALYZED =====
01	B201S12140	B201S12140	8763Y	09/06/91

COMMENTS: SBLK09 JOB2315 SS4852
AUTOSAMPLR I50Y

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. .

SBLK09

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8

Matrix: (soil/water) SOIL Lab Sample ID: SBLK09

sample wt/vol: 30.0 (g/mL) G Lab File ID: 8760Y

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ dec. _____ Date Extracted: 08/22/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 09/06/91

GPC Cleanup: (Y/N) Y pH: 7.0 Dilution Factor: 1.0

CONCENTRATION UNITS:

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

108-95-2-----	Phenol	660	U
111-44-4-----	bis(2-Chloroethyl) Ether	660	U
95-57-8-----	2-Chlorophenol	660	U
541-73-1-----	1,3-Dichlorobenzene	660	U
106-46-7-----	1,4-Dichlorobenzene	660	U
100-51-6-----	Benzyl Alcohol	660	U
95-50-1-----	1,2-Dichlorobenzene	660	U
95-48-7-----	2-Methylphenol	660	U
108-60-1-----	bis(2-Chloroisopropyl) Ether	660	U
106-44-5-----	4-Methylphenol	660	U
621-64-7-----	N-Nitroso-Di-n-Propylamine	660	U
67-72-1-----	Hexachloroethane	660	U
98-95-3-----	Nitrobenzene	660	U
78-59-1-----	Isophorone	660	U
88-75-5-----	2-Nitrophenol	660	U
105-67-9-----	2,4-Dimethylphenol	660	U
65-85-0-----	Benzoic Acid	3200	U
111-91-1-----	bis(2-Chloroethoxy) Methane	660	U
120-83-2-----	2,4-Dichlorophenol	660	U
120-82-1-----	1,2,4-Trichlorobenzene	660	U
91-20-3-----	Naphthalene	660	U
106-47-8-----	4-Chloroaniline	660	U
87-68-3-----	Hexachlorobutadiene	660	U
59-50-7-----	4-Chloro-3-Methylphenol	660	U
91-57-6-----	2-Methylnaphthalene	660	U
77-47-4-----	Hexachlorocyclopentadiene	660	U
88-06-2-----	2,4,6-Trichlorophenol	660	U
95-95-4-----	2,4,5-Trichlorophenol	3200	U
91-58-7-----	2-Chloronaphthalene	660	U
88-74-4-----	2-Nitroaniline	3200	U
131-11-3-----	Dimethyl Phthalate	660	U
208-96-8-----	Acenaphthylene	660	U
606-20-2-----	2,6-Dinitrotoluene	660	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK09

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8

Matrix: (soil/water) SOIL Lab Sample ID: SBLK09

sample wt/vol: 30.0 (g/mL) G Lab File ID: 8760Y

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ dec. _____ Date Extracted: 08/22/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 09/06/91

GPC Cleanup: (Y/N) Y pH: 7.0 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2-----	3-Nitroaniline	3200	U
83-32-9-----	Acenaphthene	660	U
51-28-5-----	2,4-Dinitrophenol	3200	U
100-02-7-----	4-Nitrophenol	3200	U
132-64-9-----	Dibenzofuran	660	U
121-14-2-----	2,4-Dinitrotoluene	660	U
84-66-2-----	Diethylphthalate	660	U
7005-72-3-----	4-Chlorophenyl-phenylether	660	U
86-73-7-----	Fluorene	660	U
100-01-6-----	4-Nitroaniline	3200	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	3200	U
86-30-6-----	N-Nitrosodiphenylamine(1)	660	U
101-55-3-----	4-Bromophenyl-phenylether	660	U
118-74-1-----	Hexachlorobenzene	660	U
87-86-5-----	Pentachlorophenol	3200	U
85-01-8-----	Phenanthrene	660	U
120-12-7-----	Anthracene	660	U
84-74-2-----	Di-n-Butylphthalate	660	U
206-44-0-----	Fluoranthene	660	U
129-00-0-----	Pyrene	660	U
85-68-7-----	Butylbenzylphthalate	660	U
91-94-1-----	3,3'-Dichlorobenzidine	1300	U
56-55-3-----	Benzo(a) Anthracene	660	U
218-01-9-----	Chrysene	660	U
117-81-7-----	Bis(2-Ethylhexyl)Phthalate	660	U
117-84-0-----	Di-n-Octyl Phthalate	660	U
205-99-2-----	Benzo(b) Fluoranthene	660	U
207-08-9-----	Benzo(k) Fluoranthene	660	U
50-32-8-----	Benzo(a) Pyrene	660	U
193-39-5-----	Indeno(1,2,3-cd) Pyrene	660	U
53-70-3-----	Dibenz(a,h) Anthracene	660	U
191-24-2-----	Benzo(g,h,i) Perylene	660	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

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Lab Name: RECRA ENVIRONMENTAL, INC. EPA Sample No.: SBLK09
 I b Code: RECNY Case No: 3603 SAS No.: Contract: NY91-831R
 Matrix (Soil/Water): **SOIL** SDG No.: GSA8
 Sample wt/vol: 30.0 (g/ml): G Lab Sample ID.: SBLK09
 Level (low/med): LOW Lab File ID.: 8760Y
 % Moisture not Dec: Dec: Date Received:
 Extraction: (SepF/Cont/Sonc/Sox): SONC Date Extracted: 08/22/91
 GPC Cleanup: (Y/N): Y pH: 7.0 Date Analyzed: 09/06/91
 Number TICs Found: 2 Dilution Factor: 1.0
 Concentration Units:
 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	UNKNOWN	6.93	1100	J
2	SUSPECTED ALDOL COND.PRODUCT	7.67	1100	AJ
3	UNKNOWN ESTER	30.12	5800	J
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4B
SEMIVOLATILE METHOD BLANK SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-831R
Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8
Lab File ID: 8769Y Lab Sample ID: SBLK11
Date Extracted: 08/26/91 Extraction: (SepF/Cont/Sonc) SONC
Date Analyzed: 09/06/91 Time Analyzed: 1939
Matrix: (soil/water) SOIL Level: (low/med) LOW
Instrument ID: I50Y

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	=====	=====	=====	=====
01	B203D	B203D	8770Y	09/06/91

COMMENTS: SBLK11 JOB2348A SS4865
AUTOSAMPLR I50Y

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

168
EPA SAMPLE NO.

SBLK11

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8

Matrix: (soil/water) SOIL Lab Sample ID: SBLK11

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 8769Y

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ dec. _____ Date Extracted: 08/26/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 09/06/91

GPC Cleanup: (Y/N) Y pH: 7.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>		Q
108-95-2	Phenol	660	U	
111-44-4	bis(2-Chloroethyl) Ether	660	U	
95-57-8	2-Chlorophenol	660	U	
541-73-1	1,3-Dichlorobenzene	660	U	
106-46-7	1,4-Dichlorobenzene	660	U	
100-51-6	Benzyl Alcohol	660	U	
95-50-1	1,2-Dichlorobenzene	660	U	
95-48-7	2-Methylphenol	660	U	
108-60-1	bis(2-Chloroisopropyl) Ether	660	U	
106-44-5	4-Methylphenol	660	U	
621-64-7	N-Nitroso-Di-n-Propylamine	660	U	
67-72-1	Hexachloroethane	660	U	
98-95-3	Nitrobenzene	660	U	
78-59-1	Isophorone	660	U	
88-75-5	2-Nitrophenol	660	U	
105-67-9	2,4-Dimethylphenol	660	U	
65-85-0	Benzoic Acid	3200	U	
111-91-1	bis(2-Chloroethoxy) Methane	660	U	
120-83-2	2,4-Dichlorophenol	660	U	
120-82-1	1,2,4-Trichlorobenzene	660	U	
91-20-3	Naphthalene	660	U	
106-47-8	4-Chloroaniline	660	U	
87-68-3	Hexachlorobutadiene	660	U	
59-50-7	4-Chloro-3-Methylphenol	660	U	
91-57-6	2-Methylnaphthalene	660	U	
77-47-4	Hexachlorocyclopentadiene	660	U	
88-06-2	2,4,6-Trichlorophenol	660	U	
95-95-4	2,4,5-Trichlorophenol	3200	U	
91-58-7	2-Chloronaphthalene	660	U	
88-74-4	2-Nitroaniline	3200	U	
131-11-3	Dimethyl Phthalate	660	U	
208-96-8	Acenaphthylene	660	U	
606-20-2	2,6-Dinitrotoluene	660	U	

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 109

SBLK11

Lab Name: RECRA ENVIRON

Contract: NY91-831R

Lab Code: RECNY

Case No.: 3603

SAS No.: _____

SDG No.: GSA8

Matrix: (soil/water) SOIL

Lab Sample ID: SBLK11

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

Lab File ID: 8769Y

Level: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____ dec. _____

Date Extracted: 08/26/91

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 09/06/91

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

Dilution Factor: 1.0

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

99-09-2-----	3-Nitroaniline	3200	U
83-32-9-----	Acenaphthene	660	U
51-28-5-----	2,4-Dinitrophenol	3200	U
100-02-7-----	4-Nitrophenol	3200	U
132-64-9-----	Dibenzofuran	660	U
121-14-2-----	2,4-Dinitrotoluene	660	U
84-66-2-----	Diethylphthalate	660	U
7005-72-3-----	4-Chlorophenyl-phenylether	660	U
86-73-7-----	Fluorene	660	U
100-01-6-----	4-Nitroaniline	3200	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	3200	U
86-30-6-----	N-Nitrosodiphenylamine (1)	660	U
101-55-3-----	4-Bromophenyl-phenylether	660	U
118-74-1-----	Hexachlorobenzene	660	U
87-86-5-----	Pentachlorophenol	3200	U
85-01-8-----	Phenanthrene	660	U
120-12-7-----	Anthracene	660	U
84-74-2-----	Di-n-Butylphthalate	500	J
206-44-0-----	Fluoranthene	660	U
129-00-0-----	Pyrene	660	U
85-68-7-----	Butylbenzylphthalate	660	U
91-94-1-----	3,3'-Dichlorobenzidine	1300	U
56-55-3-----	Benzo(a)Anthracene	660	U
218-01-9-----	Chrysene	660	U
117-81-7-----	Bis(2-Ethylhexyl)Phthalate	660	U
117-84-0-----	Di-n-Octyl Phthalate	660	U
205-99-2-----	Benzo(b)Fluoranthene	660	U
207-08-9-----	Benzo(k)Fluoranthene	660	U
50-32-8-----	Benzo(a)Pyrene	660	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	660	U
53-70-3-----	Dibenz(a,h)Anthracene	660	
191-24-2-----	Benzo(g,h,i)Perylene	660	

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

170

lab Name: RECRA ENVIRONMENTAL, INC.
I b Code: RECNY Case No: 3603 SAS No. :
Matrix (Soil/Water): SOIL
Sample wt/vol: 30.0 (g/ml): G
I vel (low/med): LOW
% Moisture not Dec: Dec:
I traction: (SepF/Cont/Sonc/Sox): SONC
GPC Cleanup: (Y/N): Y pH: 7.0
Number TICs Found: 1

EPA Sample No.: SBLK11
Contract: NY91-831R
SDG No.: GSA8
Lab Sample ID.: SBLK11
Lab File ID.: 8769Y
Date Received:
Date Extracted: 08/26/91
Date Analyzed: 09/06/91
Dilution Factor: 1.0
Concentration Units:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	UNKNOWN	6.92	410	J
2	SUSPECTED ALDOL COND.PRODUCT	7.95	890	AJ
3				
4				
5				
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4B
SEMIVOLATILE METHOD BLANK SUMMARY

171

L b Name: RECRA ENVIRON Contract: NY91-831R
L-b Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8
Lab File ID: 8825Y Lab Sample ID: SBLK15
Date Extracted: 09/09/91 Extraction: (SepF/Cont/Sonc) SONC
Date Analyzed: 09/11/91 Time Analyzed: 1404
Matrix: (soil/water) SOIL Level: (low/med) LOW
Instrument ID: I50Y

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO. =====	LAB SAMPLE ID =====	LAB FILE ID =====	DATE ANALYZED =====
01	GSA82040	GSA82040	8826Y	09/11/91

COMMENTS: SBLK15 JOB2292/2274/2260/2254 SS4852A
AUTOSAMPLR I50Y

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK15

Lab Name: RECRA ENVIRON Contract: NY91-831R

I b Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8

Matrix: (soil/water) SOIL Lab Sample ID: SBLK15

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 8825Y

I vel: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/09/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 09/11/91

GPC Cleanup: (Y/N) Y pH: 7.0 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
108-95-2	Phenol	660	U
111-44-4	bis(2-Chloroethyl) Ether	660	U
95-57-8	2-Chlorophenol	660	U
541-73-1	1,3-Dichlorobenzene	660	U
106-46-7	1,4-Dichlorobenzene	660	U
100-51-6	Benzyl Alcohol	660	U
95-50-1	1,2-Dichlorobenzene	660	U
95-48-7	2-Methylphenol	660	U
108-60-1	bis(2-Chloroisopropyl) Ether	660	U
106-44-5	4-Methylphenol	660	U
621-64-7	N-Nitroso-Di-n-Propylamine	660	U
67-72-1	Hexachloroethane	660	U
98-95-3	Nitrobenzene	660	U
78-59-1	Isophorone	660	U
88-75-5	2-Nitrophenol	660	U
105-67-9	2,4-Dimethylphenol	660	U
65-85-0	Benzoic Acid	3200	U
111-91-1	bis(2-Chloroethoxy) Methane	660	U
120-83-2	2,4-Dichlorophenol	660	U
120-82-1	1,2,4-Trichlorobenzene	660	U
91-20-3	Naphthalene	660	U
106-47-8	4-Chloroaniline	660	U
87-68-3	Hexachlorobutadiene	660	U
59-50-7	4-Chloro-3-Methylphenol	660	U
91-57-6	2-Methylnaphthalene	660	U
77-47-4	Hexachlorocyclopentadiene	660	U
88-06-2	2,4,6-Trichlorophenol	660	U
95-95-4	2,4,5-Trichlorophenol	3200	U
91-58-7	2-Chloronaphthalene	660	U
88-74-4	2-Nitroaniline	3200	U
131-11-3	Dimethyl Phthalate	660	U
208-96-8	Acenaphthylene	660	U
606-20-2	2,6-Dinitrotoluene	660	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK15

Lab Name: RECRA ENVIRONContract: NY91-831RLab Code: RECNYCase No.: 3603

SAS No.: _____

SDG No.: GSA8Matrix: (soil/water) SOILLab Sample ID: SBLK15Sample wt/vol: 30.0 (g/mL) GLab File ID: 8825YLevel: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____ dec. _____

Date Extracted: 09/09/91Extraction: (SepF/Cont/Sonc) SONCDate Analyzed: 09/11/91GPC Cleanup: (Y/N) Y pH: 7.0Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
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99-09-2-----	3-Nitroaniline	3200	U
83-32-9-----	Acenaphthene	660	U
51-28-5-----	2,4-Dinitrophenol	3200	U
100-02-7-----	4-Nitrophenol	3200	U
132-64-9-----	Dibenzofuran	660	U
121-14-2-----	2,4-Dinitrotoluene	660	U
84-66-2-----	Diethylphthalate	660	U
7005-72-3-----	4-Chlorophenyl-phenylether	660	U
86-73-7-----	Fluorene	660	U
100-01-6-----	4-Nitroaniline	3200	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	3200	U
86-30-6-----	N-Nitrosodiphenylamine (1)	660	U
101-55-3-----	4-Bromophenyl-phenylether	660	U
118-74-1-----	Hexachlorobenzene	660	U
87-86-5-----	Pentachlorophenol	3200	U
85-01-8-----	Phenanthrene	660	U
120-12-7-----	Anthracene	660	U
84-74-2-----	Di-n-Butylphthalate	660	U
206-44-0-----	Fluoranthene	660	U
129-00-0-----	Pyrene	660	U
85-68-7-----	Butylbenzylphthalate	660	U
91-94-1-----	3,3'-Dichlorobenzidine	1300	U
56-55-3-----	Benzo(a)Anthracene	660	U
218-01-9-----	Chrysene	660	U
117-81-7-----	Bis(2-Ethylhexyl)Phthalate	660	U
117-84-0-----	Di-n-Octyl Phthalate	660	U
205-99-2-----	Benzo(b)Fluoranthene	660	U
207-08-9-----	Benzo(k)Fluoranthene	660	U
50-32-8-----	Benzo(a)Pyrene	660	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	660	U
53-70-3-----	Dibenz(a,h)Anthracene	660	U
191-24-2-----	Benzo(g,h,i)Perylene	660	U

(1) - Cannot be separated from Diphenylamine

EPA Sample No. : SBLK15

Case No: 3603

SAS No.:

Contract: NY91-831R

Matrix (Soil/Water): SOIL

Lab Sample ID.: SBLK15

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

Lab File ID.: 8825Y

I vel (low/med): LOW

Date Received:

% Moisture not Dec: Dec:

Date Extracted: 09/09/91

E traction: (SepF/Cont/Sonc/Sox) : **SONC**

Date Analyzed: 09/11/91

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

Dilution Factor: 1.0

Number TICs Found: 5

Concentration Units:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	SUSPECTED ALDOL COND.PRODUCT	6.17	170000	AJ
2	UNKNOWN	6.90	420	J
3	ALKYL SUBSTITUTED COMPOUND	8.18	380	J
4	UNKNOWN	11.90	5400	J
5	UNKNOWN	12.87	4800	J
6				
7				
8				
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4B
SEMIVOLATILE METHOD BLANK SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-831R
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8
 Lab File ID: 6193W Lab Sample ID: SBLK14
 Date Extracted: 08/29/91 Extraction: (SepF/Cont/Sonc) SONC
 Date Analyzed: 09/18/91 Time Analyzed: 1435
 Matrix: (soil/water) SOIL Level: (low/med) LOW
 Instrument ID: I50W

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	B202D6080	B202D6080	6194W	09/18/91

COMMENTS: SBLK14 JOB2382 SS4883
AUTOSAMPLR I50W

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

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EPA SAMPLE NO.

SBLK14

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8

Matrix: (soil/water) SOIL Lab Sample ID: SBLK14

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 6193W

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ dec. _____ Date Extracted: 08/29/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 09/18/91

GPC Cleanup: (Y/N) Y pH: 7.0 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	Q
108-95-2	Phenol	660 U
111-44-4	bis(2-Chloroethyl) Ether	660 U
95-57-8	2-Chlorophenol	660 U
541-73-1	1,3-Dichlorobenzene	660 U
106-46-7	1,4-Dichlorobenzene	660 U
100-51-6	Benzyl Alcohol	660 U
95-50-1	1,2-Dichlorobenzene	660 U
95-48-7	2-Methylphenol	660 U
108-60-1	bis(2-Chloroisopropyl) Ether	660 U
106-44-5	4-Methylphenol	660 U
621-64-7	N-Nitroso-Di-n-Propylamine	660 U
67-72-1	Hexachloroethane	660 U
98-95-3	Nitrobenzene	660 U
78-59-1	Isophorone	660 U
88-75-5	2-Nitrophenol	660 U
105-67-9	2,4-Dimethylphenol	660 U
65-85-0	Benzoic Acid	3200 U
111-91-1	bis(2-Chloroethoxy) Methane	660 U
120-83-2	2,4-Dichlorophenol	660 U
120-82-1	1,2,4-Trichlorobenzene	660 U
91-20-3	Naphthalene	660 U
106-47-8	4-Chloroaniline	660 U
87-68-3	Hexachlorobutadiene	660 U
59-50-7	4-Chloro-3-Methylphenol	660 U
91-57-6	2-Methylnaphthalene	660 U
77-47-4	Hexachlorocyclopentadiene	660 U
88-06-2	2,4,6-Trichlorophenol	660 U
95-95-4	2,4,5-Trichlorophenol	3200 U
91-58-7	2-Chloronaphthalene	660 U
88-74-4	2-Nitroaniline	3200 U
131-11-3	Dimethyl Phthalate	660 U
208-96-8	Acenaphthylene	660 U
606-20-2	2,6-Dinitrotoluene	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 177

SBLK14

Lab Name: RECRA ENVIRON Contract: NY91-831R

3b Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8

Matrix: (soil/water) SOIL Lab Sample ID: SBLK14

sample wt/vol: 30.0 (g/mL) G Lab File ID: 6193W

level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ dec. _____ Date Extracted: 08/29/91

extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 09/18/91

GPC Cleanup: (Y/N) Y pH: 7.0 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2-----	3-Nitroaniline	3200	U
83-32-9-----	Acenaphthene	660	U
51-28-5-----	2,4-Dinitrophenol	3200	U
100-02-7-----	4-Nitrophenol	3200	U
132-64-9-----	Dibenzofuran	660	U
121-14-2-----	2,4-Dinitrotoluene	660	U
84-66-2-----	Diethylphthalate	660	U
7005-72-3-----	4-Chlorophenyl-phenylether	660	U
86-73-7-----	Fluorene	660	U
100-01-6-----	4-Nitroaniline	3200	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	3200	U
86-30-6-----	N-Nitrosodiphenylamine (1)	660	U
101-55-3-----	4-Bromophenyl-phenylether	660	U
118-74-1-----	Hexachlorobenzene	660	U
87-86-5-----	Pentachlorophenol	3200	U
85-01-8-----	Phenanthrene	660	U
120-12-7-----	Anthracene	660	U
84-74-2-----	Di-n-Butylphthalate	3100	
206-44-0-----	Fluoranthene	660	U
129-00-0-----	Pyrene	660	U
85-68-7-----	Butylbenzylphthalate	660	U
91-94-1-----	3,3'-Dichlorobenzidine	1300	U
56-55-3-----	Benzo(a)Anthracene	660	U
218-01-9-----	Chrysene	660	U
117-81-7-----	Bis(2-Ethylhexyl)Phthalate	660	U
117-84-0-----	Di-n-Octyl Phthalate	660	U
205-99-2-----	Benzo(b)Fluoranthene	660	U
207-08-9-----	Benzo(k)Fluoranthene	660	U
50-32-8-----	Benzo(a)Pyrene	660	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	660	U
53-70-3-----	Dibenz(a,h)Anthracene	660	U
191-24-2-----	Benzo(g,h,i)Perylene	660	U

(1) - Cannot be separated from Diphenylamine

EPA Sample No. : SBLK14

Contract: NY91-831R

SDG No.: GSA8

Lab Sample ID.: SBLK14

Lab File ID.: 6193W

Date Received:

Date Extracted: 08/29/91

Date *Analyzed*: 09/18/91

Dilution Factor: 1.0

Concentration Units:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	UNKNOWN	7.80	1800	J
2	SUSPECTED ALDOL COND.PRODUCT	8.52	880	AJ
3	OXYBIS ETHANOL DERIVATIVE	9.13	1600	J
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
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30				

4C
PESTICIDE METHOD BLANK SUMMARY

Lab Name: RECRA ENVIRON Contract: _____

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8

Lab Sample ID: SS4812 Lab File ID: _____

Matrix: (soil/water) SOIL Level: (low/med) LOW

Date Extracted: 08/19/91 Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed (1): 09/10/91 Date Analyzed (2): 09/10/91

Time Analyzed (1): 0130 Time Analyzed (2): 0130

Instrument ID (1): HP5890-5 Instrument ID (2): HP5890B5

GC Column ID (1): DB608 GC Column ID (2): DB1701

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	=====	=====	=====	=====
01	GSA824	SS4815	09/10/91	09/10/91
02	GSB224	SS4814	09/10/91	09/10/91
03	GSB546	SS4818	09/10/91	09/10/91
04	MSB01	SS4813	09/10/91	09/10/91
05	GSA824MS	SS4816	09/10/91	09/10/91
06	GSA824MSD	SS4817	09/10/91	09/10/91

COMMENTS:

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 130

PBLK71

Lab Name: RECRA ENVIRON Contract: _____
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8
 Matrix: (soil/water) SOIL Lab Sample ID: SS4812
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. _____ dec. _____ Date Extracted: 08/19/91
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 09/10/91
 GPC Cleanup: (Y/N) Y pH: 7.0 Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
319-84-6	alpha-BHC	16	U
319-85-7	beta-BHC	4.9	J
319-86-8	delta-BHC	16	U
58-89-9	gamma-BHC (Lindane)	16	U
76-44-8	Heptachlor	16	U
309-00-2	Aldrin	16	U
1024-57-3	Heptachlor epoxide	16	U
959-98-8	Endosulfan I	16	U
60-57-1	Dieldrin	32	U
72-55-9	4,4'-DDE	32	U
72-20-8	Endrin	32	U
33213-65-9	Endosulfan II	32	U
72-54-8	4,4'-DDD	32	U
1031-07-8	Endosulfan sulfate	32	U
50-29-3	4,4'-DDT	32	U
72-43-5	Methoxychlor	160	U
53494-70-5	Endrin ketone	32	U
5103-71-9	alpha-chlordane	160	U
5103-74-2	gamma-chlordane	160	U
8001-35-2	Toxaphene	320	U
12674-11-2	Aroclor-1016	160	U
11104-28-2	Aroclor-1221	160	U
11141-16-5	Aroclor-1232	160	U
53469-21-9	Aroclor-1242	160	U
12672-29-6	Aroclor-1248	160	U
11097-69-1	Aroclor-1254	320	U
11096-82-5	Aroclor-1260	320	U

4C
PESTICIDE METHOD BLANK SUMMARY

Lab Name: RECRA ENVIRON Contract: _____

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8

Lab Sample ID: SW5335A Lab File ID: _____

Matrix: (soil/water) WATER Level: (low/med) LOW

Date Extracted: 08/16/91 Extraction: (SepF/Cont/Sonc) SEPF

Date Analyzed (1): 09/10/91 Date Analyzed (2): 09/10/91

Time Analyzed (1): 0806 Time Analyzed (2): 0806

Instrument ID (1): HP5890-5 Instrument ID (2): HP5890B5

GC Column ID (1): DB608 GC Column ID (2): DB1701

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	=====	=====	=====	=====
01	FIELDBLANK1	SW5338	09/10/91	09/10/91
02	FIELDBLANK2	SW5339	09/10/91	09/10/91

COMMENTS:

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

782
EPA SAMPLE NO.

PBLK72

Lab Name: RECRA ENVIRON Contract: _____

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8

Matrix: (soil/water) WATER Lab Sample ID: SW5335A

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

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ dec. _____ Date Extracted: 08/16/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 09/10/91

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
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
5103-71-9	alpha-chlordane	0.50	U
5103-74-2	gamma-chlordane	0.50	U
8001-35-2	Toxaphene	1.0	U
12674-11-2	Aroclor-1016	0.50	U
11104-28-2	Aroclor-1221	0.50	U
11141-16-5	Aroclor-1232	0.50	U
53469-21-9	Aroclor-1242	0.50	U
12672-29-6	Aroclor-1248	0.50	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

4C
PESTICIDE METHOD BLANK SUMMARY

183

Lab Name: RECRA ENVIRON Contract: _____

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8

Lab Sample ID: SS4842A Lab File ID: _____

Matrix: (soil/water) SOIL Level: (low/med) LOW

Date Extracted: 08/20/91 Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed (1): 09/10/91 Date Analyzed (2): 09/10/91

Time Analyzed (1): 1125 Time Analyzed (2): 1125

Instrument ID (1): HP5890-5 Instrument ID (2): HP5890B5

GC Column ID (1): DB608 GC Column ID (2): DB1701

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	=====	=====	=====	=====
01	B201D810	SS4849	09/10/91	09/10/91

COMMENTS:

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PBLK73

Lab Name: RECRA ENVIRON Contract: _____

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8

Matrix: (soil/water) SOIL Lab Sample ID: SS4842A

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

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ dec. _____ Date Extracted: 08/20/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 09/10/91

GPC Cleanup: (Y/N) Y pH: 7.0 Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
319-84-6	alpha-BHC	16	U
319-85-7	beta-BHC	16	U
319-86-8	delta-BHC	16	U
58-89-9	gamma-BHC(Lindane)	16	U
76-44-8	Heptachlor	16	U
309-00-2	Aldrin	16	U
1024-57-3	Heptachlor epoxide	16	U
959-98-8	Endosulfan I	16	U
60-57-1	Dieldrin	32	U
72-55-9	4,4'-DDE	32	U
72-20-8	Endrin	32	U
33213-65-9	Endosulfan II	32	U
72-54-8	4,4'-DDD	32	U
1031-07-8	Endosulfan sulfate	32	U
50-29-3	4,4'-DDT	32	U
72-43-5	Methoxychlor	160	U
53494-70-5	Endrin ketone	32	U
5103-71-9	alpha-chlordane	160	U
5103-74-2	gamma-chlordane	160	U
8001-35-2	Toxaphene	320	U
12674-11-2	Aroclor-1016	160	U
11104-28-2	Aroclor-1221	160	U
11141-16-5	Aroclor-1232	160	
53469-21-9	Aroclor-1242	160	
12672-29-6	Aroclor-1248	160	
11097-69-1	Aroclor-1254	320	
11096-82-5	Aroclor-1260	320	

4C
PESTICIDE METHOD BLANK SUMMARY

Lab Name: RECRA ENVIRON Contract: _____

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8

Lab Sample ID: SW5340 Lab. File ID: _____

Matrix: (soil/water) WATER Level: (low/med) LOW

Date Extracted: 08/22/91 Extraction: (SepF/Cont/Sonc) SEPF

Date Analyzed (1): 09/10/91 Date Analyzed (2): 09/10/91

Time Analyzed (1): 1304 Time Analyzed (2): 1304

Instrument ID (1): HP5890-5 Instrument ID (2): HP5890B5

GC Column ID (1): DB608 GC Column ID (2): DB1701

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	=====	=====	=====	=====
01	FIELDBLANK3	SW5341	09/10/91	09/10/91
02	FIELDBLANK4	SW5342	09/10/91	09/10/91

COMMENTS:

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PBLK74

Lab Name: RECRA ENVIRON

Contract: _____

Lab Code: RECNY

Case No.: 3603

SAS No.: _____

SDG No.: GSA8

Matrix: (soil/water) WATER

Lab Sample ID: SW5340

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

Lab File ID: _____

Level: (low/med) LOW

Date Received: _____

% Moisture: not dec. dec.

Date Extracted: 08/22/91

Extraction: (SepF/Cont/Sonc) SEPF

Date Analyzed: 09/10/91

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

Dilution Factor: 1.00

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

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
5103-71-9-----alpha-chlordane	0.50	U
5103-74-2-----gamma-chlordane	0.50	U
8001-35-2-----Toxaphene	1.0	U
12674-11-2-----Aroclor-1016	0.50	U
11104-28-2-----Aroclor-1221	0.50	U
11141-16-5-----Aroclor-1232	0.50	U
53469-21-9-----Aroclor-1242	0.50	U
12672-29-6-----Aroclor-1248	0.50	U
11097-69-1-----Aroclor-1254	1.0	U
11096-82-5-----Aroclor-1260	1.0	U

4C
PESTICIDE METHOD BLANK SUMMARY

Lab Name: RECRA ENVIRON Contract: _____

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8

Lab Sample ID: SS4850 Lab File ID: _____

Matrix: (soil/water) SOIL Level: (low/med) LOW

Date Extracted: 08/22/91 Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed (1): 09/10/91 Date Analyzed (2): 09/10/91

Time Analyzed (1): 1443 Time Analyzed (2): 1443

Instrument ID (1): HP5890-5 Instrument ID (2): HP5890B5

GC Column ID (1): DB608 GC Column ID (2): DB1701

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO. =====	LAB SAMPLE ID =====	DATE ANALYZED 1 =====	DATE ANALYZED 2 =====
01	B201S1214	SS4851	09/10/91	09/10/91

COMMENTS:

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PBLK75

Lab Name: RECRA ENVIRON Contract: _____

Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8

Matrix: (soil/water) SOIL Lab Sample ID: SS4850

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

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ dec. _____ Date Extracted: 08/22/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 09/10/91

GPC Cleanup: (Y/N) Y pH: 7.0 Dilution Factor: 1.00

CONCENTRATION UNITS:

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

319-84-6-----	alpha-BHC	16	U
319-85-7-----	beta-BHC	16	U
319-86-8-----	delta-BHC	16	U
58-89-9-----	gamma-BHC (Lindane)	16	U
76-44-8-----	Heptachlor	16	U
309-00-2-----	Aldrin	16	U
1024-57-3-----	Heptachlor epoxide	16	U
959-98-8-----	Endosulfan I	16	U
60-57-1-----	Dieldrin	32	U
72-55-9-----	4,4'-DDE	32	U
72-20-8-----	Endrin	32	U
33213-65-9-----	Endosulfan II	32	U
72-54-8-----	4,4'-DDD	32	U
1031-07-8-----	Endosulfan sulfate	32	U
50-29-3-----	4,4'-DDT	32	U
72-43-5-----	Methoxychlor	140	J
53494-70-5-----	Endrin ketone	32	U
5103-71-9-----	alpha-chlordane	160	U
5103-74-2-----	gamma-chlordane	160	U
8001-35-2-----	Toxaphene	320	U
12674-11-2-----	Aroclor-1016	160	U
11104-28-2-----	Aroclor-1221	160	U
11141-16-5-----	Aroclor-1232	160	U
53469-21-9-----	Aroclor-1242	160	U
12672-29-6-----	Aroclor-1248	160	U
11097-69-1-----	Aroclor-1254	320	U
11096-82-5-----	Aroclor-1260	320	U

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-831R
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8
 Lab File ID (Standard): D4726 Date Analyzed: 08/16/91
 Instrument ID: 51D Time Analyzed: 1426
 Matrix: (soil/water) WATER Level: (low/med) LOW Column: (pack/cap) PACK

	IS1 (BCM) AREA #	RT	IS2 (DFB) AREA #	RT	IS3 (CBZ) AREA #	RT
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	32800	8.13	140000	18.15	134000	22.87
=====	=====	=====	=====	=====	=====	=====
UPPER LIMIT	65600		280000		268000	
=====	=====	=====	=====	=====	=====	=====
LOWER LIMIT	16400		70000		67000	
=====	=====	=====	=====	=====	=====	=====
EPA SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 FIELDBLANK1	31300	8.13	136000	18.12	127000	22.87
02 FIELDBLANK2	31700	8.10	137000	18.15	128000	22.87
03 TRIPBLANK1	31200	8.13	135000	18.12	126000	22.87
04 VBLK08	30700	8.10	134000	18.15	122000	22.87

IS1 (BCM) = Bromochloromethane
 IS2 (DFB) = 1,4-Difluorobenzene
 IS3 (CBZ) = Chlorobenzene

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

Column used to flag internal standard area values with an asterisk

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-831R
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8
 Lab File ID (Standard): D4777 Date Analyzed: 08/18/91
 Instrument ID: 51D Time Analyzed: 1053
 Matrix: (soil/water) SOIL Level: (low/med) MED Column: (pack/cap) PACK

	IS1(BCM)		IS2(DFB)		IS3(CBZ)	
	AREA #	RT	AREA #	RT	AREA #	RT
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	35400	8.13	149000	18.12	135000	22.87
=====	=====	=====	=====	=====	=====	=====
UPPER LIMIT	70800		298000		270000	
=====	=====	=====	=====	=====	=====	=====
LOWER LIMIT	17700		74500		67500	
=====	=====	=====	=====	=====	=====	=====
EPA SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 GSA82040	33400	8.10	138000	18.12	127000	22.87
02 GSB4100120	36400	8.10	153000	18.12	141000	22.87
03 MSBLANKML	34500	8.13	141000	18.12	126000	22.84
04 GSA82040MS	30100	8.10	119000	18.12	118000	22.84
05 GSA82040MSD	29800	8.10	118000	18.12	116000	22.87
06 VBLK10	32500	8.13	139000	18.12	125000	22.87

IS1 (BCM) = Bromochloromethane
 IS2 (DFB) = 1,4-Difluorobenzene
 IS3 (CBZ) = Chlorobenzene

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

Column used to flag internal standard area values with an asterisk

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

191

L b Name: RECRA ENVIRON Contract: NY91-831R
 L-b Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8
 Lab File ID (Standard): D4860 Date Analyzed: 08/20/91
 Instrument ID: 51D Time Analyzed: 2218
 Matrix: (soil/water) WATER Level: (low/med) LOW Column: (pack/cap) PACK

	IS1 (BCM) AREA #	RT	IS2 (DFB) AREA #	RT	IS3 (CBZ) AREA #	RT
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	30500	8.03	130000	18.09	123000	22.84
=====	=====	=====	=====	=====	=====	=====
UPPER LIMIT	61000		260000		246000	
=====	=====	=====	=====	=====	=====	=====
LOWER LIMIT	15250		65000		61500	
=====	=====	=====	=====	=====	=====	=====
EPA SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 B201D80100	31400	8.13	133000	18.12	124000	22.87
02 B201S12140	32700	8.13	136000	18.12	124000	22.87
03 FIELDBLANK4	29500	8.15	125000	18.15	118000	22.90
04 TRIPBLANK3	29900	8.10	128000	18.09	116000	22.84
05 VBLK14D	29700	8.10	126000	18.09	119000	22.84

IS1 (BCM) = Bromochloromethane
 IS2 (DFB) = 1,4-Difluorobenzene
 IS3 (CBZ) = Chlorobenzene

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

Column used to flag internal standard area values with an asterisk

VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-831R
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8
 Lab File ID (Standard): D4946 Date Analyzed: 08/23/91
 Instrument ID: 51D Time Analyzed: 2045
 Matrix:(soil/water) WATER Level:(low/med) LOW Column:(pack/cap) PACK

	IS1 (BCM) AREA #	RT	IS2 (DFB) AREA #	RT	IS3 (CBZ) AREA #	RT
12 HOUR STD	32400	8.07	133000	18.12	123000	22.80
UPPER LIMIT	64800		266000		246000	
LOWER LIMIT	16200		66500		61500	
EPA SAMPLE NO.						
01 MSBLANKW	32000	8.03	132000	18.09	120000	22.80
02 STW201	32900	8.10	138000	18.12	126000	22.84
03 TRIPBLANK4	32500	8.10	135000	18.12	123000	22.87
04 STW201MS	32400	8.10	139000	18.12	124000	22.84
05 STW201MSD	32300	8.10	138000	18.12	123000	22.84
06 VBLK18	30900	8.10	130000	18.12	119000	22.84

IS1 (BCM) = Bromochloromethane
 IS2 (DFB) = 1,4-Difluorobenzene
 IS3 (CBZ) = Chlorobenzene

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

Column used to flag internal standard area values with an asterisk

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-831R
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8
 Lab File ID (Standard): E2896 Date Analyzed: 08/19/91
 Instrument ID: 51E Time Analyzed: 913
 Matrix: (soil/water) WATER Level: (low/med) LOW Column: (pack/cap) PACK

	IS1(BCM) AREA #	RT	IS2(DFB) AREA #	RT	IS3(CBZ) AREA #	RT
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	35400	7.95	151000	18.12	133000	23.00
=====	=====	=====	=====	=====	=====	=====
UPPER LIMIT	70800		302000		266000	
=====	=====	=====	=====	=====	=====	=====
LOWER LIMIT	17700		75500		66500	
=====	=====	=====	=====	=====	=====	=====
EPA SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 FIELDBLANK3	29100	7.98	125000	18.19	111000	23.07
02 TRIPBLANK2	30300	7.98	130000	18.19	113000	23.04
03 VBLK14E	31600	7.98	133000	18.15	117000	23.04

IS1 (BCM) = Bromochloromethane
 IS2 (DFB) = 1,4-Difluorobenzene
 IS3 (CBZ) = Chlorobenzene

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

Column used to flag internal standard area values with an asterisk

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-831R
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8
 Lab File ID (Standard): H5846 Date Analyzed: 08/17/91
 Instrument ID: I50H Time Analyzed: 1059
 Matrix: (soil/water) SOIL Level: (low/med) LOW Column: (pack/cap) PACK

	IS1 (BCM)	RT	IS2 (DFB)	RT	IS3 (CBZ)	RT
	AREA #		AREA #		AREA #	
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	24500	8.03	114000	18.30	103000	23.07
=====	=====	=====	=====	=====	=====	=====
UPPER LIMIT	49000		228000		206000	
=====	=====	=====	=====	=====	=====	=====
LOWER LIMIT	12250		57000		51500	
=====	=====	=====	=====	=====	=====	=====
EPA SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 GSB1100120	20400	8.02	93200	18.30	80900	23.07
02 GSB22040	20000	8.02	103000	18.30	92500	23.07
03 GSB54060	20300	8.03	93200	18.32	78500	23.07
04 VBLK67	23700	8.03	104000	18.32	94600	23.07

IS1 (BCM) = Bromochloromethane
 IS2 (DFB) = 1,4-Difluorobenzene
 IS3 (CBZ) = Chlorobenzene

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

Column used to flag internal standard area values with an asterisk

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

195

Lab Name: RECRA ENVIRON Contract: NY91-831R
 I b Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8
 Lab File ID (Standard) : H5873 Date Analyzed: 08/18/91
 Instrument ID: I50H Time Analyzed: 2053
 Matrix: (soil/water) SOIL Level: (low/med) LOW Column: (pack/cap) PACK

	IS1(BCM) AREA #	RT	IS2(DFB) AREA #	RT	IS3(CBZ) AREA #	RT
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	25500	8.02	124000	18.30	112000	23.05
=====	=====	=====	=====	=====	=====	=====
UPPER LIMIT	51000		248000		224000	
=====	=====	=====	=====	=====	=====	=====
LOWER LIMIT	12750		62000		56000	
=====	=====	=====	=====	=====	=====	=====
EPA SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 GSB54060DL	23500	8.02	108000	18.27	95800	23.04
02 MSBLANKS	26900	8.02	114000	18.27	99300	23.05
03 GSB1100120MS	23300	8.02	93300	18.30	70800	23.04
04 GSB1100120MS	20800	8.00	89200	18.27	71500	23.05
05 VBLK68	24100	8.02	115000	18.27	103000	23.05

IS1 (BCM) = Bromochloromethane
 IS2 (DFB) = 1,4-Difluorobenzene
 IS3 (CBZ) = Chlorobenzene

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

Column used to flag internal standard area values with an asterisk

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

196

Lab Name: RECRA ENVIRON Contract: NY91-831R
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8
 Lab File ID (Standard): H5911 Date Analyzed: 08120191
 Instrument ID: I50H Time Analyzed: 1104
 Matrix: (soil/water) SOIL Level: (low/med) LOW Column: (pack/cap) PACK

	IS1 (BCM) AREA #	RT	IS2 (DFB) AREA #	RT	IS3 (CBZ) AREA #	RT
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	24400	8.03	119000	18.32	110000	23.07
=====	=====	=====	=====	=====	=====	=====
UPPER LIMIT	48800		238000		220000	
=====	=====	=====	=====	=====	=====	=====
LOWER LIMIT	12200		59500		55000	
=====	=====	=====	=====	=====	=====	=====
EPA SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 GSA44060	27000	8.02	129000	18.30	118000	23.07
02 VBLK70	25900	8.02	124000	18.30	114000	23.07

IS1 (BCM) = Bromochloromethane
 IS2 (DFB) = 1,4-Difluorobenzene
 IS3 (CBZ) = Chlorobenzene

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

Column used to flag internal standard area values with an asterisk

8B
SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

197

Lab Name: RECRA ENVIRON Contract: NY91-831R
 Lab Code: RECNY Case No.: 3603 SAS No.: SDG No.: GSA8
 Lab File ID (Standard): 5992W Date Analyzed: 08130191
 Instrument ID: I50W Time Analyzed: 1559

	IS1(DCB) AREA #	RT	IS2(NPT) AREA #	RT	IS3 (ANT) AREA #	RT
12 HOUR STD	7840	9.15	31000	12.82	20500	18.19
UPPER LIMIT	15680		62000		41000	
LOWER LIMIT	3920		15500		10250	
EPA SAMPLE NO.						
01 FIELDBLANK1	8730	9.14	35500	12.79	23300	18.17
02 FIELDBLANK2	9170	9.14	34500	12.79	23700	18.17
03 SBLK03	10500	9.14	42300	12.80	29500	18.19

IS1 (DCB) = 1,4-Dichlorobenzene-d4
 IS2 (NPT) = Naphthalene-d8
 IS3 (ANT) = Acenaphthene-d10

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

Column used to flag internal standard area values with an asterisk

8C

SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-831R
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8
 Lab File ID (Standard): 5992W Date Analyzed: 08/30/91
 Instrument ID: 150W Time Analyzed: 1559

	IS4 (PHN) AREA #	RT	IS5 (CRY) AREA #	RT	IS6 (PRY) AREA #	RT
12 HOUR STD	34400	22.79	32800	31.06	32200	35.19
UPPER LIMIT	68800		65600		64400	
LOWER LIMIT	17200		16400		16100	
EPA SAMPLE NO.						
01 FIELDBLANK1	40700	22.77	42700	31.02	39200	35.16
02 FIELDBLANK2	40000	22.77	43000	31.02	42400	35.16
03 SBLK03	50000	22.77	50700	31.04	48000	35.16

IS4 (PHN) = Phenanthrene-d10
 IS5 (CRY) = Chrysene-d12
 IS6 (PRY) = Perylene-d12

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

Column used to flag internal standard area values with an asterisk

8B
SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

199

Lab Name: RECRA ENVIRON Contract: NY91-831R
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8
 Lab File ID (Standard): 6188W Date Analyzed: 09/18/91
 Instrument ID: I50W Time Analyzed: 1007

	IS1 (DCB) AREA #	RT	IS2 (NPT) AREA #	RT	IS3 (ANT) AREA #	RT
12 HOUR STD	8990	10.10	33500	13.82	19100	19.27
UPPER LIMIT	17980		67000		38200	
LOWER LIMIT	4495		16750		9550	
EPA SAMPLE NO.						
01 B202D6080	8160	10.12	28000	13.82	16800	19.27
02 SBLK14	8070	10.12	27700	13.82	16000	19.27

IS1 (DCB) = 1,4-Dichlorobenzene-d4
 IS2 (NPT) = Naphthalene-d8
 IS3 (ANT) = Acenaphthene-d10

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 5.0%
 of internal standard area.

Column used to flag internal standard area values with an asterisk

SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-831R
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8
 Lab File ID (Standard): 6188W Date Analyzed: 09/18/91
 Instrument ID: I50W Time Analyzed: 1007

	IS4 (PHN) AREA #	RT	IS5 (CRY) AREA #	RT	IS6 (PRY) AREA #	RT
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	28000	23.92	29000	32.32	23400	36.57
=====	=====	=====	=====	=====	=====	=====
UPPER LIMIT	56000		58000		46800	
=====	=====	=====	=====	=====	=====	=====
LOWER LIMIT	14000		14500		11700	
=====	=====	=====	=====	=====	=====	=====
EPA SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 B202D6080	25400	23.92	22600	32.29	21200	36.56
02 SBLK14	24700	23.92	20600	32.31	19300	36.56

IS4 (PHN) = Phenanthrene-d10
 IS5 (CRY) = Chrysene-d12
 IS6 (PRY) = Perylene-d12

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

Column used to flag internal standard area values with an asterisk

8B

SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: RECRA ENVIRONContract: NY91-831RLab Code: RECNY Case No.: 3603SAS No.: _____ SDG No.: GSA8Lab File ID (Standard): 8337XDate Analyzed: 09/04/91Instrument ID: I50XTime Analyzed: 1249

	IS1 (DCB) AREA #	RT	IS2 (NPT) AREA #	RT	IS3 (ANT) AREA #	RT
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	8500	7.23	30200	10.79	16500	15.99
=====	=====	=====	=====	=====	=====	=====
UPPER LIMIT	17000		60400		33000	
=====	=====	=====	=====	=====	=====	=====
LOWER LIMIT	4250		15100		8250	
=====	=====	=====	=====	=====	=====	=====
EPA SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 FIELDBLANK3	8150	7.20	27800	10.74	16400	15.94
02 FIELDBLANK4	5980	7.22	20700	10.75	12000	15.95
03 SBLK47	7740	7.22	24000	10.75	13900	15.95

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

 UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

Column used to flag internal standard area values with an asterisk

8C
SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

202

Lab Name: RECRA ENVIRON Contract: NY91-831R
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8
 Lab File ID (Standard): 8337X Date Analyzed: 09/04/91
 Instrument ID: I50X Time Analyzed: 1249

	IS4(PHN) AREA #	RT	IS5(CRY) AREA #	RT	IS6(PRY) AREA #	RT
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	23400	20.42	22400	28.46	22900	32.49
=====	=====	=====	=====	=====	=====	=====
UPPER LIMIT	46800		44800		45800	
=====	=====	=====	=====	=====	=====	=====
LOWER LIMIT	11700		11200		11450	
=====	=====	=====	=====	=====	=====	=====
EPA SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 FIELDBLANK3	25100	20.39	21700	28.41	21900	32.44
02 FIELDBLANK4	18900	20.39	16800	28.41	16900	32.46
03 SBLK47	20600	20.39	18100	28.42	18200	32.46

IS4 (PHN) = Phenanthrene-d10
 IS5 (CRY) = Chrysene-d12
 IS6 (PRY) = Perylene-d12

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

Column used to flag internal standard area values with an asterisk

SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: RECRA ENVIRON Contract: _____
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8
 Lab File ID (Standard): 8695Y Date Analyzed: 09/02/91
 Instrument ID: I50Y Time Analyzed: 1416

	IS1 (DCB) AREA #	RT	IS2 (NPT) AREA #	RT	IS3 (ANT) AREA #	RT
12 HOUR STD	6760	9.45	22800	13.12	13400	18.52
UPPER LIMIT	13520		45600		26800	
LOWER LIMIT	3380		11400		6700	
EPA SAMPLE NO.						
01 SBLK01	6630	9.45	24600	13.10	14900	18.50

IS1 (DCB) = 1,4-Dichlorobenzene-d4
 IS2 (NPT) = Naphthalene-d8
 IS3 (ANT) = Acenaphthene-d10

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

Column used to flag internal standard area values with an asterisk

SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: RECRA ENVIRON Contract: _____
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8
 Lab File ID (Standard): 8695Y Date Analyzed: 09/02/91
 Instrument ID: I50Y Time Analyzed: 1416

	IS4(PHN) AREA #	RT	IS5(CRY) AREA #	RT	IS6(PRY) AREA #	RT
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	16000	23.12	14500	31.41	15200	35.54
=====	=====	=====	=====	=====	=====	=====
UPPER LIMIT	32000		29000		30400	
=====	=====	=====	=====	=====	=====	=====
LOWER LIMIT	8000		7250		7600	
=====	=====	=====	=====	=====	=====	=====
EPA SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 SBLK01	21200	23.10	18200	31.37	14100	35.49

IS4 (PHN) = Phenanthrene-d10
 IS5 (CRY) = Chrysene-d12
 IS6 (PRY) = Perylene-d12

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

Column used to flag internal standard area values with an asterisk

8B

SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: RECRA ENVIRONContract: NY91-831RI b Code: RECNY Case No.: 3603SAS No.: _____ SDG No.: GSA8Lab File ID (Standard): 8742YDate Analyzed: 09/05/91Instrument ID: I50YTime Analyzed: 1053

	IS1(DCB) AREA #	RT	IS2(NPT) AREA #	RT	IS3(ANT) AREA #	RT
12 HOUR STD	11200	9.27	40300	12.94	24900	18.30
UPPER LIMIT	22400		80600		49800	
LOWER LIMIT	5600		20150		12450	
EPA SAMPLE NO.						
01 GSB1100120	14100	9.27	45800	12.90	29700	18.29
02 GSB22040	12100	9.27	40300	12.90	25000	18.29
03 GSB4100120	14300	9.27	47600	12.90	29500	18.29
04 GSB54060	13500	9.27	44800	12.90	27800	18.30
05 MSBLANKS	11500	9.29	37900	12.92	22600	18.30
06 GSA82040MS	13300	9.27	46100	12.92	26600	18.30
07 GSA82040MSD	14900	9.29	48700	12.92	30000	18.30
08 SBLK06	11200	9.27	36400	12.90	23000	18.29

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

UPPER LIMIT = + 100%

of internal standard area.

LOWER LIMIT = - 50%

of internal standard area.

Column used to flag internal standard area values with an asterisk

8C
SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-831R
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8
 Lab File ID (Standard): 8742Y Date Analyzed: 09/05/91
 Instrument ID: I50Y Time Analyzed: 1053

	IS4 (PHN) AREA #	RT	IS5 (CRY) AREA #	RT	IS6 (PRY) AREA #	RT
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	34500	22.90	36000	31.19	33400	35.32
=====	=====	=====	=====	=====	=====	=====
UPPER LIMIT	69000		72000		66800	
=====	=====	=====	=====	=====	=====	=====
LOWER LIMIT	17250		18000		16700	
=====	=====	=====	=====	=====	=====	=====
EPA SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 GSB1100120	49800	22.89	42800	31.16	42500	35.27
02 GSB22040	42500	22.89	35100	31.16	35300	35.29
03 GSB4100120	48700	22.89	42000	31.16	39100	35.27
04 GSB54060	45400	22.89	37900	31.16	40000	35.29
05 MSBLANKS	35000	22.90	30000	31.16	27200	35.27
06 GSA82040MS	43500	22.90	38800	31.17	39600	35.29
07 GSA82040MSD	48700	22.90	43800	31.19	45700	35.32
08 SBLK06	37700	22.89	29800	31.16	29100	35.27

IS4 (PHN) = Phenanthrene-d10
 IS5 (CRY) = Chrysene-d12
 IS6 (PRY) = Perylene-d12

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

Column used to flag internal standard area values with an asterisk

8B
SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

I..b Name: RECRA ENVIRON Contract: NY91-831R
 I b Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8
 Lab File ID (Standard): 8757Y Date Analyzed: 09/06/91
 I strument ID: I50Y Time Analyzed: 917

	IS1(DCB) AREA #	RT	IS2(NPT) AREA #	RT	IS3(ANT) AREA #	RT
12 HOUR STD	13800	9.20	48300	12.85	27800	18.22
UPPER LIMIT	27600		96600		55600	
LOWER LIMIT	6900		24150		13900	
EPA SAMPLE NO.						
01 B201S12140	13500	9.19	47200	12.82	28900	18.20
02 B203D	14200	9.19	49800	12.82	28300	18.20
03 SBLK09	12300	9.19	40700	12.82	23700	18.20
04 SBLK11	15600	9.19	54400	12.82	31200	18.20

IS1 (DCB) = 1,4-Dichlorobenzene-d4
 IS2 (NPT) = Naphthalene-d8
 IS3 (ANT) = Acenaphthene-d10

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

Column used to flag internal standard area values with an asterisk

8C
SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

208

Lab Name: RECRA ENVIRON Contract: NY91-831R
 L b Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8
 Lab File ID (Standard): 8757Y Date Analyzed: 09/06/91
 Instrument ID: I50Y Time Analyzed: 917

	IS4 (PHN) AREA #	RT	IS5 (CRY) AREA #	RT	IS6 (PRY) AREA #	RT
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	41900	22.82	38200	31.09	38100	35.21
=====	=====	=====	=====	=====	=====	=====
UPPER LIMIT	83800		76400		76200	
=====	=====	=====	=====	=====	=====	=====
LOWER LIMIT	20950		19100		19050	
=====	=====	=====	=====	=====	=====	=====
EPA SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 B201S12140	47600	22.80	41800	31.04	42300	35.17
02 B203D	43200	22.80	35600	31.04	36200	35.16
03 SBLK09	37200	22.80	32800	31.04	29700	35.16
04 SBLK11	47000	22.80	41000	31.06	41200	35.17

IS4 (PHN) = Phenanthrene-d10
 IS5 (CRY) = Chrysene-d12
 IS6 (PRY) = Perylene-d12

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area..

Column used to flag internal standard area values with an asterisk

8B
SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-831R
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8
 Lab File ID (Standard): 8818Y Date Analyzed: 09/11/91
 Instrument ID: I50Y Time Analyzed: 829

	IS1 (DCB) AREA #	RT	IS2 (NPT) AREA #	RT	IS3 (ANT) AREA #	RT
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	9210	9.02	32000	12.67	18900	18.02
=====	=====	=====	=====	=====	=====	=====
UPPER LIMIT	18420		64000		37800	
=====	=====	=====	=====	=====	=====	=====
LOWER LIMIT	4605		16000		9450	
=====	=====	=====	=====	=====	=====	=====
EPA SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 B201D80100	13100	9.02	46500	12.65	26300	18.02
02 GSA82040	15200	9.12	50500	12.69	28400	18.02
03 SBLK15	14000	9.09	46900	12.67	26700	18.02

IS1 (DCB) = 1,4-Dichlorobenzene-d4
 IS2 (NPT) = Naphthalene-d8
 IS3 (ANT) = Acenaphthene-d10

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

Column used to flag internal standard area values with an asterisk

8C
SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-831R
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8
 Lab File ID (Standard): 8818Y Date Analyzed: 09/11/91
 Instrument ID: I50Y Time Analyzed: 829

	IS4 (PHN) AREA #	RT	IS5 (CRY) AREA #	RT	IS6 (PRY) AREA #	RT
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	28200	22.60	25800	30.86	28000	34.96
=====	=====	=====	=====	=====	=====	=====
UPPER LIMIT	56400		51600		56000	
=====	=====	=====	=====	=====	=====	=====
LOWER LIMIT	14100		12900		14000	
=====	=====	=====	=====	=====	=====	=====
EPA SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 B201D80100	44400	22.60	37600	30.84	34000	34.96
02 GSA82040	45200	22.60	37900	30.84	37100	34.96
03 SBLK15	41900	22.60	33300	30.84	31600	34.96

IS4 (PHN) = Phenanthrene-d10
 IS5 (CRY) = Chrysene-d12
 IS6 (PRY) = Perylene-d12

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

Column used to flag internal standard area values with an asterisk

8B
SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

211

L b Name: RECRA ENVIRON Contract: NY91-831R
 L b Code: RECNY Case No.: 3603 SAS No.: SDG No.: GSA8
 Lab File ID (Standard): 86162 Date Analyzed: 08/30/91
 Instrument ID: I50Z Time Analyzed: 1612

	IS1(DCB) AREA #	RT	IS2 (NPT) AREA #	RT	IS3(ANT) AREA #	RT
12 HOUR STD	6490	10.27	24400	14.02	14000	19.50
UPPER LIMIT	12980		48800		28000	
LOWER LIMIT	3245		12200		7000	
EPA SAMPLE NO.						
01 STW201	3890	10.27	15500	14.00	9330	19.50
02 STW201MS	3970	10.27	16000	14.00	9260	19.50
03 STW201MSD	3740	10.27	15200	14.00	8840	19.50
04 SBLK83	4380	10.27	16500	14.00	9610	19.50

IS1 (DCB) = 1,4-Dichlorobenzene-d4
 IS2 (NPT) = Naphthalene-d8
 IS3 (ANT) = Acenaphthene-d10

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

Column used to flag internal standard area values with an asterisk

8C
SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-831R
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8
 Lab File ID (Standard): 8616Z Date Analyzed: 08/30/91
 Instrument ID: I50Z Time Analyzed: 1612

	IS4 (PHN) AREA #	RT	IS5 (CRY) AREA #	RT	IS6 (PRY) AREA #	RT
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	19300	24.09	20200	32.47	20200	36.74
=====	=====	=====	=====	=====	=====	=====
UPPER LIMIT	38600		40400		40400	
=====	=====	=====	=====	=====	=====	=====
LOWER LIMIT	9650		10100		10100	
=====	=====	=====	=====	=====	=====	=====
EPA SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 STW201	14700	24.09	14300	32.46	14700	36.72
02 STW201MS	15200	24.09	15200	32.46	15800	36.71
03 STW201MSD	14100	24.09	14000	32.46	14200	36.71
04 SBLK83	15400	24.09	14000	32.46	14300	36.71

IS4 (PHN) = Phenanthrene-d10
 IS5 (CRY) = Chrysene-d12
 IS6 (PRY) = Perylene-d12

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

Column used to flag internal standard area values with an asterisk

8B
SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-831R
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8
 Lab File ID (Standard): 86972 Date Analyzed: 09/05/91
 Instrument ID: I50Z Time Analyzed: 1804

	IS1 (DCB) AREA #	RT	IS2 (NPT) AREA #	RT	IS3 (ANT) AREA #	RT
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	8380	9.87	33800	13.60	18700	19.05
=====	=====	=====	=====	=====	=====	=====
UPPER LIMIT	16760		67600		37400	
=====	=====	=====	=====	=====	=====	=====
LOWER LIMIT	4190		16900		9350	
=====	=====	=====	=====	=====	=====	=====
EPA SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 MSBLANKW	8030	9.87	29800	13.59	15700	19.05

IS1 (DCB) = 1,4-Dichlorobenzene-d4
 IS2 (NPT) = Naphthalene-d8
 IS3 (ANT) = Acenaphthene-d10

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

Column used to flag internal standard area values with an asterisk

8C

SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-831R
 Lab Code: RECNY Case No.: 3603 SAS No.: _____ SDG No.: GSA8
 Lab File ID (Standard): 86972 Date Analyzed: 09/05/91
 Instrument ID: I50Z Time Analyzed: 1804

	IS4 (PHN) AREA #	RT	IS5 (CRY) AREA #	RT	IS6 (PRY) AREA #	RT
12 HOUR STD	24900	23.62	21800	31.99	18500	36.17
UPPER LIMIT	49800		43600		37000	
LOWER LIMIT	12450		10900		9250	
EPA SAMPLE NO.						
01 MSBLANKW	21000	23.62	15700	31.96	11400	36.14

IS4 (PHN) = Phenanthrene-d10
 IS5 (CRY) = Chrysene-d12
 IS6 (PRY) = Perylene-d12

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

Column used to flag internal standard area values with an asterisk

**RECRA ENVIRONMENTAL, INC.**

Chemical and Environmental Analysis Services



October 21, 1991

Mr. Michael Burge
Dollinger - Afiltrona Company
3951 Westerse Parkway, Suite 200
Richmond, VA 23233

Re: Analytical Results

Dear Mr. Burge:

Please find enclosed results concerning the metals analysis for case 3603 SDG GA-A8. The Pertinent Information regarding these analyses is listed below:

Contract #:	NY91-831R
Case #:	3603
SDG #:	GS-A8
Project Name:	Dollinger RI/FS
Matrix:	Aqueous/Soil
Samples Received:	8/15, 17, 20, 22, 24/91
Sample Dates:	8/13, 14, 15, 16, 19, 21, 22/91

If you have any questions concerning these data, please contact Mr. Jeffrey Radin, Project Manager, at (716) 691-2600 and refer to the I.D. number listed below. It has been our pleasure to provide Dollinger - Afiltrona Company with Environmental Testing Services. We look forward to serving you in the future.

Sincerely,

RECRA ENVIRONMENTAL, INC.


Kenneth C. Malinowski, PhD
Vice President

RCO/KCM/nmm
Enclosure

I.D. #91-2260 Addendum #91-2315A Addendum
#91-2260A Addendum #91-2348 Addendum
#91-2288 Addendum #91-2348A Addendum
#91-2288A Addendum #91-2382 Addendum
#91-2315 Addendum #NY1A3603

SAMPLE DATA SUMMARY PACKAGE



RECRA
ENVIRONMENTAL
INC.

20161.1

CASE NARRATIVE

Laboratory Name: Recra Environmental, Inc.

Laboratory Code: RECNY

Case Number: 3603

SDG Number: GS-A8

Contract Number: NY91-831R

Sample Identifications:

GS-A8(2.0-4.0)	STW-201 Matrix Spike
GS-A8(2.0-4.0) Matrix Spike	STW-201 Matrix Spike Duplicate
GS-A8(2.0-4.0) Matrix Spike Duplicate	STW-201 Matrix Duplicate
GS-AS(2.0-4.0) Matrix Duplicate	B203-D
GS-B1(10.0-12.0)	B202-D(60-80)
GS-B2(2.0-4.0)	Field Blank #1
GS-B4(10.0-12.0)	Field Blank #2
GS-B5(4.0-6.0)	Field Blank f3
GS-A4(4.0-6.0)	Field Blank #4
B201-D(8.0-10.0)	Trip Blank
B201-S(12.0-14.0)	Matrix Spike Blank
STW-201	Laboratory Control Sample

GENERAL COMMENTS

Analyses were performed in accordance with the New York State Analytical Service Protocol 1989.

The enclosed data has been reported utilizing data qualifiers as defined on the Inorganic Data Comment Page.

Results of the analysis of soils are corrected for moisture content and reported on a dry weight basis.

METALS

The extra zzzzz's found on the form 14's of the flame Inorganic Data represents the rezeroing of the instrument after each sample.

Samples GS-B2(2-4), GS-A8(2-4), GS-A8(2-4) Matrix Duplicate, GS-A8(2-4) Matrix Spike and GS-B5(4-6) were re-digested and re-analyzed for Aluminum, Cobalt, Iron and Potassium due to a non-compliant Laboratory Control Sample. Both sets of Laboratory Sample ID's appear on the form I's and cover page.

Laboratory Control Samples Lab ID #9036 and #9216 exhibited non-compliant values for Cobalt, Silver and Lead respectively when analyzed by ICAP. The same Laboratory Control Samples fell within the ranges when analyzed by Flame Atomic Absorption. Therefore, the flame results are reported for these elements.



RECRA
ENVIRONMENTAL
INC.

"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 has been authorized by the Laboratory Manager or her designee, as verified by the following signature."

Kenneth C. Malinowski / KCK
Kenneth C. Malinowski

10/21/91

Date



RECRA
ENVIRONMENTAL
INC.

1/DEC.1

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE IDENTIFICATION
AND
ANALYTICAL REQUIREMENT SUMMARY

CUSTOMER SAMPLE CODE	LABORATORY SAMPLE CODE	ANALYTICAL REQUIREMENTS*					
		VOA* GC/M S	BNA* GC/M S	VOA* GC	PEST * PCB	METAL S	OTH ER*
GS-A8 (2-4)	GS-A8 (2-4)	-	-	-	-	ASP89	-
GS-B2 (2-4)	GS-B2 (2-4)	-	-	-	-	ASP89	-
GS-B5 (4-6)	GS-B5 (4-6)	-	-	-	-	ASP89	-
B201-D (8-10)	B201-D (8-10)	-	-	-	-	ASP89	-
STW 201	STW 201	-	-	-	-	ASP89	-
FIELD BLANK #1	FIELD BLANK #1	-	-	-	-	ASP89	-
FIELD BLANK #2	FIELD BLANK #2	-	-	-	-	ASP89	-
FIELD BLANK #3	FIELD BLANK #3	-	-	-	-	ASP89	-
FIELD BLANK #4	FIELD BLANK #4	-	-	-	-	ASP89	-
LAB CONTROL SAMPLE	LAB CONTROL SAMPLE	-	-	-	-	ASP89	-



RECREA
ENVIRONMENTAL
INC.

1/DEC.5

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
INORGANIC ANALYSES

SAMPLE IDENTIFICATION	MATRIX	METALS REQUESTED	DATE RECEIVED AT LAB	DATE DIGESTED	GATE ANALYZED
GS-A8 (2-4)	SOIL	T-HSL	8/15/91	8/20-27	8/21-28
GS-B2 (2-4)	SOIL	T-HSL	18/15/91	8/20-27	18/21-28
GS-B5 (4-6)	SOIL	T-HSL	8/15/91	8/20-27	8/22-28
B201-D (8-10)	SOIL	T-HSL	8/17/91	8/20/91	8/21-29
B201-S (12-14)	SOIL	T-HSL	8/20/91	8/20/91	8/21-29
STW 201	WATER	T-HSL	8/22/91	8/22/91	8/28-9/13
FIELD BLANK #1	WATER	T-HSL	18/15/91	8/22/91	8/23-29
FIELD BLANK #2	WATER	T-HSL	8/15/91	8/22/91	8/23-29
FIELD BLANK #3	WATER	T-HSL	18/17/91	18/27/91	18/21-29
FIELD BLANK #4	WATER	T-HSL	8/20/91	8/27/91	8/22-9/11



RECRA
ENVIRONMENTAL
INC.

1/DEC.7

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
INORGANIC ANALYSES

LABORATORY SAMPLE CODE	MATRIX	ANALYTIC AL PROTOCOL	DIGESTIO N PROCEDUR E	MATRIX MODIFIER	DIL/CONC FACTOR
GS-AB (2-4)	SOIL	ASP89	ASP89	AS REQUIRED	AS REQUIRED
GS-B2 (2-4)	SOIL	ASP89	ASP89	AS REQUIRED	REQUIRED
GS-B5 (4-6)	SOIL	ASP89	ASP89	AS REQUIRED	REQUIRED
B201-D (8-10)	SOIL	ASP89	ASP89	AS REQUIRED	REQUIRED
B201-S (12-14)	SOIL	ASP89	ASP89	AS REQUIRED	AS REQUIRED
STW 201	WATER	ASP89	ASP89	AS REQUIRED	AS REQUIRED
FIELD BLANK #1	WATER	ASP89	ASP89	AS REQUIRED	AS REQUIRED
FIELD BLANK #2	WATER	ASP89	ASP89	AS REQUIRED	AS REQUIRED
FIELD BLANK #3	WATER	ASP89	ASP89	AS REQUIRED	AS REQUIRED
FIELD BLANK #4	WATER	ASP89	ASP89	AS REQUIRED	AS REQUIRED



RECRA
ENVIRONMENTAL
INC.

Laboratory Name RECRA ENVIRONMENTAL, INC.

USEPA Defined Inorganic Data Qualifiers:

- B - Indicates a value greater than or equal to the instrument detection limit but less than the contract required detection limit.
- U - Indicates element was analyzed for but not detected. Report with the detection limit value (e.g., 100).
- E - Indicates a value estimated or not reported due to the presence of interference.
- S - Indicates value determined by Method of Standard Addition.
- N - Indicates spike sample recovery is not within control limits.
- * - Indicates duplicate analysis is not within control limits.
- + - Indicates the correlation coefficient for method of standard addition is less than 0.995.
- M - Indicates duplicate injection results exceeded control limits.
- 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.
- G - The TCLP Matrix Spike recovery was greater than the upper limit of the analytical method.
- L - The TCLP Matrix Spike recovery was lower than the lower limit of the analytical method.



COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: RECRA_ENVIRONMENTAL_INC._ Contract: NY91-831R_

Lab Code: RECNY_ Case No.: 3603- SAS No.: _ SDG No.: GS-A8_

SOW No.: 3/90_

EPA Sample No.	Lab Sample ID
B201D	_9052_
B201S	_9214_
FLBLK1	_9098_
FLBLK2	_9099_
FLDBLK	_9097_
FLDBNK	_9217_
GSA8	_8996, 9196_
GSA8D	_8997, 9197_
GSA8S	_8998, 9198_
GSB2	_8995, 9195_
GSB5	_8999, 9199_
ST201	_9298_
ST201D	_9299_
ST201S	_9300_
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Were ICP interelement corrections applied ? Yes/No YES

Were ICP background corrections applied ? Yes/No YES

If yes - were raw data generated before
application of background corrections ? Yes/No NO-

Comments:

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 has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Deborah J. Kinecki / RPR Name: DEBORAH J. KINECKI_Date: 10/21/91 Title: VICE-PRESIDENT,
LABORATORY PRODUCTION

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

B201D

Company Name: RECRA_ENVIRONMENTAL_INC. Contract: NY91-831R.

Lab Code: RECNY Case No.: 3603- SAS No.: SDG No.: GS-A8-

Matrix (soil/water): SOIL- Lab Sample ID: 9052

Level (low/med): LOW Date Received: 08/17/91

% solids: 86.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum-	7520	-	E	P
7440-36-0	Antimony-	1.1	U	N	F
7440-38-2	Arsenic	3.1	-	SN	F
7440-39-3	Barium	68.2	-	N	P
7440-41-7	Beryllium	1.1	U	N	P
7440-43-9	Cadmium	1.1	U	N	P
7440-70-2	Calcium	61100	B	-	A
7440-47-3	Chromium	15.4	-	N	P
7440-48-4	Cobalt	11.1	U	-	A
7440-50-8	Copper	14.9	-	N	P
7439-89-6	Iron	16800	-	E	P
7439-92-1	Lead	7.9	-	N	F
7439-95-4	Magnesium	14900	-	E	P
7439-96-5	Manganese	494	-	E	P
7439-97-6	Mercury	0.11	U	-	CV
7440-02-0	Nickel	23.1	-	N	P
7440-09-7	Potassium	1520	-	-	P
7782-49-2	Selenium	1.1	U	N	F
7440-22-4	Silver	1.3	U	-	P
7440-23-5	Sodium	225	B	-	P
7440-28-0	Thallium-	1.1	U	N	F
7440-62-2	Vanadium	16.5	-	N	P
7440-66-6	Zinc	45.5	-	N	P
	Cyanide		-		NR

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW clarity After: CLEAR- Artifacts:

Comments:

SAMPLE ID# B201-D(8-10)

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

B201S

Lab Name: RECRA_ENVIRONMENTAL_INC. Contract: NY91-831R

Lab Code: RECNY Case No.: 3603- SAS No.: SDG No.: GS-A8-

Matrix (soil/water): SOIL-

Lab Sample ID: 9214

Level (low/med): LOW

Date Received: 08/20/91

% Solids: 86.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	6850	-	E	P
7440-36-0	Antimony	1.2	U	N	F
7440-38-2	Arsenic	3.5	-	N	F
7440-39-3	Barium	62.6	-	N	P
7440-41-7	Beryllium	1.2	U	N	P
7440-43-9	Cadmium	1.2	U	N	P
7440-70-2	Calcium	63400	B	-	A
7440-47-3	Chromium	13.2	-	N	P
7440-48-4	Cobalt	6.7	B	N	P
7440-50-8	Copper	14.2	-	-	A
7439-89-6	Iron	14800	-	E	P
7439-92-1	Lead	8.0	-	N	F
7439-95-4	Magnesium	14400	-	E	P
7439-96-5	Manganese	15.6	-	-	A
7439-97-6	Mercury	0.11	U	-	CV
7440-02-0	Nickel	19.0	-	N	P
7440-09-7	Potassium	1490	-	-	P
7782-49-2	Selenium	1.2	U	N	F
7440-22-4	Silver	10.7	-	N	A
7440-23-5	Sodium	254	B	-	P
7440-28-0	Thallium	1.2	U	N	F
7440-62-2	Vanadium	16.6	-	N	P
7440-66-6	Zinc	38.1	-	N	P
	Cyanide	0.98	U	-	C

Color Before: BROWN Clarity Before: Texture: COARSE

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

SAMPLE ID# B201-S(12-14)

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE: NO.

FLBLK1

Lab Name: RECRA_ENVIRONMENTAL_INC. Contract: NY91-831R.

Lab Code: RECNY Case No.: 3603- SAS No.: SDG No.: GS-A8-

Matrix (soil/water): WATER

Lab Sample ID: 9098

Level (low/med): LOW

Date Received: 08/15/91

% 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	9900		E	P
7440-36-0	Antimony	5.0	U	W	F
7440-38-2	Arsenic	5.0	U		F
7440-39-3	Barium	94.5	B		P
7440-41-7	Beryllium	5.0	U		P
7440-43-9	Cadmium	5.0	U	*	P
7440-70-2	Calcium	52900			P
7440-47-3	Chromium	70.4			P
7440-48-4	Cobalt	20.0	U		P
7440-50-8	Copper	82.0			P
7439-89-6	Iron	24500		E	P
7439-92-1	Lead	3.0	U		F
7439-95-4	Magnesium	11400		E	P
7439-96-5	Manganese	437		EN	P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	27.5	B		P
7440-09-7	Potassium	4570	B		P
7782-49-2	Selenium	50.0	U	WN	F
7440-22-4	Silver	6.0	U	N*	P
7440-23-5	Sodium	3720	B		P
7440-28-0	Thallium	5.0	U	W	F
7440-62-2	Vanadium	30.0	U		P
7440-66-6	Zinc	859			P
	Cyanide	10.0	U		

Color Before: BROWN

Clarity Before: CLOUDY

Texture:

Color After: YELLOW

Clarity After: CLEAR

Artifacts:

Comments:

SAMPLE: ID - FIELD BLANK #1

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

FLBLK2

I b Name: RECRA_ENVIRONMENTAL_INC. Contract: NY91-831R_

Lab Code: RECNY_ Case No.: 3603- SAS No.: _____ SDG No.: GS-A8-

Matrix (soil/water): WATER

Lab Sample ID: 9099_____

I vel (low/med): LOW_

Date Received: 08/15/91

% 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-	10000	-	E	P
7440-36-0	Antimony	5.0	U		F
7440-38-2	Arsenic	5.0	U		F
7440-39-3	Barium	90.6	B		P
7440-41-7	Beryllium	5.0	U		P
7440-43-9	Cadmium	5.0	U	*	P
7440-70-2	Calcium	56800	-		P
7440-47-3	Chromium-	42.3	-		P
7440-48-4	Cobalt	20.0	U		P
7440-50-8	Copper	52.4	-		P
7439-89-6	Iron	21100	-	E	P
7439-92-1	Lead	3.0	U		F
7439-95-4	Magnesium	12500	-	E	P
7439-96-5	Manganese	457	-	EN	P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	20.3	B		P
7440-09-7	Potassium	3820	B		P
7782-49-2	Selenium	5.0	U	WN	F
7440-22-4	Silver	6.0	U	N*	P
7440-23-5	Sodium	3140	B		P
7440-28-0	Thallium-	5.0	U	W	F
7440-62-2	Vanadium	30.0	U		P
7440-66-6	Zinc	225	-		P
	Cyanide	10.0	U		C

Color Before: BROWN_

Clarity Before: CLOUDY

Texture: _____

Color After: YELLOW _

Clarity After: CLEAR_

Artifacts: _____

Comments:

SAMPLE ID - FIELD BLANK #2

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

FLDBLK

Lab Name: RECRA_ENVIRONMENTAL_INC. Contract: NY91-831R

Lab Code: RECNY Case No.: 3603- SAS No.: SDG No.: GS-A8-

Matrix (soil/water): WATER

Lab Sample ID: 9097

Level (low/med): LOW

Date Received: 08/17/91

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	4250	-	E	P
7440-36-0	Antimony	5.0	U	N	F
7440-38-2	Arsenic	5.0	U	W	F
7440-39-3	Barium	38.8	B		P
7440-41-7	Beryllium	5.0	U		P
7440-43-9	Cadmium	5.0	U	*	P
7440-70-2	Calcium	24600	-		P
7440-47-3	Chromium	22.3	-		P
7440-48-4	Cobalt	20.0	U		P
7440-50-8	Copper	52.8	-		P
7439-89-6	Iron	9760	-	E	P
7439-92-1	Lead	3.0	U		F
7439-95-4	Magnesium	5300	-	E	P
7439-96-5	Manganese	203	-	EN	P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	20.0	U		P
7440-09-7	Potassium	1650	B		P
7782-49-2	Selenium	5.0	U		F
7440-22-4	Silver	6.0	U	N*	P
7440-23-5	Sodium	880	B		P
7440-28-0	Thallium	5.0	U	W	F
7440-62-2	Vanadium	30.0	U		P
7440-66-6	Zinc	154	-		P
	Cyanide		-		NR

Color Before: BROWN

Clarity Before: CLOUDY

Texture:

Color After: YELLOW

Clarity After: CLEAR

Artifacts:

Comments:

SAMPLE ID - FIELD BLANK

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

FLDBNK

Lab Name: RECRA_ENVIRONMENTAL_INC. Contract: NY91-831R-

Lab Code: RECNY Case No.: 3603- SAS No.: SDG No.: GS-A8-

Matrix (soil/water): WATER

Lab Sample ID: 9217

Level (low/med): Low -

Date Received: 08/20/91

% 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-	50.0	U	E	P
7440-36-0	Antimony-	5.0	U		F
7440-38-2	Arsenic	5.0	U		F
7440-39-3	Barium	30.0	U		P
7440-41-7	Beryllium	5.0	U		P
7440-43-9	Cadmium	5.0	U	*	P
7440-70-2	Calcium	8840			A
7440-47-3	Chromium-	10.0	U		P
7440-48-4	Cobalt	20.0	U		P
7440-50-8	Copper	38.0			A
7439-89-6	Iron	30.0	U	E	P
7439-92-1	Lead	17.0			F
7439-95-4	Magnesium	200	U	E	P
7439-96-5	Manganese	149		N	A
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	20.0	U		P
7440-09-7	Potassium	200	U		P
7782-49-2	Selenium	5.0	U	WN	F
7440-22-4	Silver	222		N*	A
7440-23-5	Sodium	300	U		P
7440-28-0	Thallium-	5.0	U		F
7440-62-2	Vanadium-	30.0	U		P
7440-66-6	Zinc	10.0	U		P
	Cyanide	10.0	U		C

Color Before: BROWN Clarity Before: CLOUDY Texture:

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

SAMPLE ID - FIELD BLANK

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

GSA8

Lab Name: RECRA_ENVIRONMENTAL_INC._ Contract: NY91-831R_

Lab Code: RECNY_ Case No.: 3603- SAS No.: _____ SDG No.: GS-A8-

Matrix (soil/water): SOIL-

Lab Sample ID: 8996, 9196

Level (low/med): LOW_

Date Received: 08/15/91

% Solids: _83.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	11600	-	E	P
7440-36-0	Antimony	1.2	U	N	F
7440-38-2	Arsenic	4.9	-	SN	F
7440-39-3	Barium	125	-	N	P
7440-41-7	Beryllium	1.2	U	N	P
7440-43-9	Cadmium	1.2	U	N	P
7440-70-2	Calcium	71900	B	-	A
7440-47-3	Chromium	25.8	-	N	P
7440-48-4	Cobalt	8.7	B	N	P
7440-50-8	Copper	22.6	-	N	P
7439-89-6	Iron	20400	-	E	P
7439-92-1	Lead	11.1	-	N	F
7439-95-4	Magnesium	15400	-	E	P
7439-96-5	Manganese	621	-	E	P
7439-97-6	Mercury	0.12	-	-	CV
7440-02-0	Nickel	34.9	-	N	P
7440-09-7	Potassium	2600	-	-	P
7782-49-2	Selenium	1.2	U	WN	F
7440-22-4	Silver	2.4	U	N	A
7440-23-5	Sodium	397	B	-	P
7440-28-0	Thallium	1.2	U	WN	F
7440-62-2	Vanadium	28.1	-	N	P
7440-66-6	Zinc	59.5	-	N	P
	Cyanide	1.20	U	-	C

Color Before: BROWN_

Clarity Before: _____

Texture: COARSE

Color After: YELLOW _

Clarity After: CLEAR-

Artifacts: _____

Comments:

SAMPLE ID# GS-A8(2-4)

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

GSB2

Lab Name: RECRA_ENVIRONMENTAL_INC. Contract: NY91-831R

Lab Code: RECNY Case No.: 3603- SAS No.: SDG No.: GS-A8-

Matrix (soil/water): SOIL-

Lab Sample ID: 8995, 9195

Level (low/med): LOW

Date Received: 08/15/91

% Solids: 86.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum-	9140	-	E	P
7440-36-0	Antimony	1.1	U	N	F
7440-38-2	Arsenic	3.3	-	N	F
7440-39-3	Barium	79.0	-	N	P
7440-41-7	Beryllium	1.1	U	N	P
7440-43-9	Cadmium	1.1	U	N	P
7440-70-2	Calcium	70200	B	-	A
7440-47-3	Chromium-	17.3	-	N	P
7440-48-4	Cobalt	9.5	B	N	P
7440-50-8	Copper	16.5	-	N	P
7439-89-6	Iron	17900	-	E	P
7439-92-1	Lead	8.3	-	N	F
7439-95-4	Magnesium	14900	-	E	P
7439-96-5	Manganese	537	-	E	P
7439-97-6	Mercury	0.11	U	-	CV
7440-02-0	Nickel	23.4	-	N	P
7440-09-7	Potassium	2120	-	-	P
7782-49-2	Selenium	1.1	U	WN	F
7440-22-4	Silver	2.3	U	N	A
7440-23-5	Sodium	325	B	-	P
7440-28-0	Thallium	1.1	U	WN	F
7440-62-2	Vanadium	19.7	-	N	P
7440-66-6	Zinc	43.1	-	N	P
	Cyanide	1.16	U	-	C

Color Before: BROWN Clarity Before: Texture: COARSE

Color After: YELLOW Clarity After: CLEAR- Artifacts:

Comments:

SAMPLE ID# GS-B2(2-4)

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

GSB5

Lab Name: RECRA_ENVIRONMENTAL_INC. Contract: NY91-831R

Lab Code: RECNY Case No.: 3603- SAS No.: SDG No.: GS-A8-

Matrix (soil/water): SOIL-

Lab Sample ID: 8999, 9199

Level (low/med): LOW

Date Received: 08/15/91

% Solids: 86.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	10200		E	P
7440-36-0	Antimony	1.2	U	N	F
7440-38-2	Arsenic	2.8		N	F
7440-39-3	Barium	88.4		N	P
7440-41-7	Beryllium	1.2	U	N	P
7440-43-9	Cadmium	1.2	U	N	P
7440-70-2	Calcium	60600	B		A
7440-47-3	Chromium	20.7		N	P
7440-48-4	Cobalt	9.1	B	N	P
7440-50-8	Copper	20.0		N	P
7439-89-6	Iron	19100		E	P
7439-92-1	Lead	10.5		N	F
7439-95-4	Magnesium	18900		E	P
7439-96-5	Manganese	497		E	P
7439-97-6	Mercury	0.11	U		CV
7440-02-0	Nickel	25.6		N	P
7440-09-7	Potassium	2750			P
7782-49-2	Selenium	1.2	U	N	F
7440-22-4	Silver	2.4	U	N	A
7440-23-5	Sodium	517	B		P
7440-28-0	Thallium	1.2	U	N	F
7440-62-2	Vanadium	21.7		N	P
7440-66-6	Zinc	55.2		N	P
	Cyanide	1.16	U		C

Color Before: BROWN

Clarity Before:

Texture: COARSE

Color After: YELLOW

Clarity After: CLEAR-

Artifacts:

Comments:

SAMPLE ID# GS-B5(4-6)

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ST201

Lab Name: RECRA_ENVIRONMENTAL_INC. Contract: NY91-831R

Lab Code: RECNY Case No.: 3603- SAS No.: SDG No.: GS-A8-

Matrix (soil/water): WATER

Lab Sample ID: 9298

Level (low/med): LOW

Date Received: 08/22/91

% 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	221	-	E	P
7440-36-0	Antimony	5.0	U		F
7440-38-2	Arsenic	5.0	U	W	F
7440-39-3	Barium	55.1	B		P
7440-41-7	Beryllium	5.0	U		P
7440-43-9	Cadmium	5.0	U	*	P
7440-70-2	Calcium	40400	B		A
7440-47-3	Chromium	10.0	U		P
7440-48-4	Cobalt	20.0	U		P
7440-50-8	Copper	62.0			A
7439-89-6	Iron	1240	-	E	P
7439-92-1	Lead	28.0	-		F
7439-95-4	Magnesium	16200	-	E	P
7439-96-5	Manganese	60.0	-	N	A
7439-97-6	Mercury	0.24	-		CV
7440-02-0	Nickel	20.0	U		P
7440-09-7	Potassium	5640	-		P
7782-49-2	Selenium	5.0	U	N	F
7440-22-4	Silver	96.0	-	N*	A
7440-23-5	Sodium	42600	-		P
7440-28-0	Thallium	5.0	U		F
7440-62-2	Vanadium	30.0	U		P
7440-66-6	Zinc	273	-		P
	Cyanide		-		NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

SAMPLE ID# STW-201

5A
SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

Lab Name: RECRA_ENVIRONMENTAL_INC._

Contract: NY91-831R

GSA8S

Lab Code: RECNY_

Case No.: 3603-

SAS No.: _____

SDG No.: GS-A8-

Matrix: S O I L _____

Level (low/med): _LOW_

% Solids for Sample: -83.0

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

Analyte	Control Limit %R	Spiked Sample Result (SSR) C	Sample Result (SR) C	Spike Added (SA)	%R	Q	M
Aluminum							NR
Antimony	75-125	1.1474	1.1585	11.47	10.0	N	F
Arsenic	75-125	7.8026	4.8913	9.18	31.7	N	F
Barium	75-125	322.2196	125.2949	463.39	42.5	N	P
Beryllium	75-125	6.3716	1.2170	11.58	55.0	N	P
Cadmium	75-125	3.3751	1.2170	11.58	29.1	N	P
Calcium							NR
Chromium	75-125	47.3355	25.7610	46.34	46.6	N	P
Cobalt	75-125	69.2210	8.6637	120.48	50.3	N	P
Copper	75-125	48.7797	22.5744	57.92	45.2	N	P
Iron							NR
Lead	75-125	82.6162	11.1214	114.74	62.3	N	F
Magnesium							NR
Manganese		590.0215	620.6068	115.85	-26.4		P
Mercury	75-125	2.8303	0.1205	2.62	103.4		CV
Nickel	75-125	86.3223	34.8599	115.85	44.4	N	P
Potassium							NR
Selenium	75-125	1.1474	1.1585	2.29	0.0	N	F
Silver	75-125	7.4143	2.4340	11.58	64.0	N	A
Sodium							NR
Thallium	75-125	6.8847	1.1585	11.47	60.0	N	F
Vanadium	75-125	81.9354	28.0755	115.85	46.5	N	P
Zinc	75-125	122.8916	59.4901	115.85	54.7	N	P
Cyanide	75-125	29.0092	1.2048	29.24	99.2		C

Comments:

SAMPLE ID# GS-A8(2-4)

U.S. EPA - CLP

5A
SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

Lab Name: RECRA_ENVIRONMENTAL_INC._

Contract: NY91-831R_

ST201S

Lab Code: RECNY_

Case No.: 3603-

SAS No.: _____

SDG No.: GS-A8-

Matrix: WATER

Level (low/med): LOW

% Solids for Sample: 0.0

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

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum	75-125	2301.7330		221.3330		2000.00	104.0		P
Antimony	75-125	57.0000	B	5.0000	U	50.00	114.0		F
Arsenic	75-125	22.0000		5.0000	U	20.00	110.0		F
Barium	75-125	2059.3000		55.1000	B	2000.00	100.2		P
Beryllium	75-125	50.2000		5.0000	U	50.00	100.4		P
Cadmium	75-125	55.1000		5.0000	U	50.00	110.2		P
Calcium	75-125	164500.0000	B	40450.0000	B	100000.00	124.0		A
Chromium	75-125	204.0670		10.0000	U	200.00	102.0		P
Cobalt	75-125	497.1670		20.0000	U	500.00	99.4		P
Copper	75-125	332.0000		62.0000		250.00	108.0		A
Cron	75-125	2267.7670		1236.0670		1000.00	103.2		P
Lead	75-125	520.0000		28.0000		500.00	98.4		F
Magnesium	75-125	65823.7330		16158.5670		50000.00	99.3		P
Manganese	75-125	461.0000		60.0000		200.00	200.5	N	A
Mercury	75-125	5.4750		0.2350		5.00	104.8		CV
Nickel	75-125	432.6670		20.0000	U	400.00	108.2		P
Potassium	75-125	60563.0670		5642.0330		50000.00	109.8		P
Selenium	75-125	7.0000		5.0000	U	10.00	70.0	N	F
Silver	75-125	65.0000		96.0000		50.00	-62.0	N	A
Sodium	75-125	144652.2660		42569.3670		100000.00	102.1		P
Thallium	75-125	52.0000		5.0000	U	50.00	104.0		F
Titanium	75-125	510.7670		30.0000	U	500.00	102.2		P
Zinc	75-125	469.6330		273.3670		200.00	98.1		P
Cyanide									NR

Comments:

SAMPLE ID# STW-201

U.S. EPA - CLP

5B
POST DIGEST SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

Lab Name: RECRA_ENVIRONMENTAL_INC._ Contract: NY91-831R_

GSA8A

Lab Code: RECNY_ Case No. : 3603 - SAS No.: _____ SDG No. : GS-A8-

Matrix: _____SOIL_____ Level (low/med): LOW_____

Concentration Units: ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Added (SA)	%R	Q	M
Aluminum									NR
Antimony									NR
Arsenic									NR
Barium		11051.91		514.77		10000.0	105.4		P_
Beryllium		4103.70		5.00	U	4000.0	102.6		P_
Cadmium		5145.39		5.00	U	5000.0	102.9		P_
Calcium									NR
Chromium		12745.40		105.84		10000.0	126.4		P_
Cobalt		9373.93		37.03	B	10000.0	93.4		P_
Copper		10510.93		92.75		10000.0	104.2		P_
Cron									NR
Lead									NR
Magnesium									NR
Manganese									NR
Mercury									NR
Nickel		10551.83		143.22		10000.0	104.1		P_
Potassium									NR
Selenium									NR
Silver		442.00		10.00	U	500.0	88.4		A_
Sodium									NR
Gallium									NR
Vanadium		12796.61		115.35		10000.0	126.8		P_
Zinc		10601.91		244.42		10000.0	103.6		P_
Vanadium									NR

Comments:

U.S. EPA - CLP

5B
POST DIGEST SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

Lab Name: RECRA_ENVIRONMENTAL_INC. Contract: NY91-831R_

ST201A

Lab Code: RECNY_ Case No.: 3603_ SAS No.: _____ SDG No.: GS-A8_

Matrix: WATER Level (low/med): LOW

Concentration Units: ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Added (SA)	%R	Q	M
Aluminum									NR
Antimony									NR
Arsenic									NR
Barium									NR
Beryllium									NR
Cadmium									NR
Calcium									NR
Chromium									NR
Cobalt									NR
Copper									NR
Iron									NR
Lead									NR
Magnesium									NR
Manganese		550.00		60.00		500.0	98.0		A
Mercury									NR
Nickel									NR
Potassium									NR
Selenium									NR
Silver		500.00		96.00		500.0	80.8		A
Sodium									NR
Thallium									NR
Vanadium									NR
Zinc									NR
Zyanide									NR

Comments:

SAMPLE ID# STW-201

U.S. EPA - CLP

6
DUPLICATES

EPA SAMPLE NO.

GSA8D

Lab Name: RECRA_ENVIRONMENTAL_INC. Contract: NY91-831R

Lab Code: RECNY Case No.: 3603- SAS No.: SDG No.: GS-A8-

Matrix (soil/water): SOIL- Level (low/med): LOW

% Solids for Sample: -83.0 % Solids for Duplicate: 83.0

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

Analyte	Control Limit	Sample (S) C	Duplicate (D) C	RPD	Q	M
Aluminum-		11635.9106	10650.3104	8.8		P
Antimony		1.1585	1.1929			F
Arsenic	2.3	4.8913	5.1342	4.8		F
Barium	48.7	125.2949	98.5771	23.9		P
Beryllium		1.2170	1.2170			P
Cadmium		1.2170	1.2170			P
Calcium		71924.0599	71193.8664	1.0		A
Chromium		25.7610	24.0075	7.0		P
Cobalt		8.6637	10.8093	22.0		P
Copper	6.1	22.5744	22.5141	0.3		P
Iron		20390.7514	19680.1381	3.5		P
Lead		11.1214	11.6903	5.0		F
Magnesium		15429.3200	16702.0472	7.9		P
Manganese		620.6068	509.1720	19.7		P
Mercury	0.1	0.1205	0.1084	10.5		CV
Nickel	9.7	34.8599	27.5977	23.3		P
Potassium	1169.7	2599.2670	2680.2665	3.1		P
Selenium		1.1585	1.1929			F
Silver		2.4340	2.4340			A
Sodium		396.8911	385.1313	3.0		P
Thallium		1.1585	1.1929			F
Vanadium	12.2	28.0755	24.7594	12.6		P
Zinc		59.4901	52.8548	11.8		P
Cyanide		1.2048	1.2048			C

U.S. EPA - CLP

6
DUPLICATES

EPA SAMPLE NO.

ST201D

Lab Name: RECRA_ENVIRONMENTAL_INC. Contract: NY91-831R

Lab Code: RECNY Case No.: 3603- SAS No.: SDG No.: GS-A8-

Matrix (soil/water): WATER Level (low/med): -LOW-

% Solids for Sample: -0.0 % Solids for Duplicate: -0.0

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

Analyte	Control Limit	Sample (S) c	Duplicate (D) c	RPD	Q	M
Aluminum-	200.0	221.3330	246.6330	10.8	-	P
Antimony-		5.0000 U	5.0000 U		-	F
Arsenic		5.0000 U	5.0000 U		-	F
Barium		55.1000 B	57.0000 B	3.4	-	P
Beryllium		5.0000 U	5.0000 U		-	P
Cadmium	5.0	5.0000 U	7.5670	200.0	*	P
Calcium		40450.0000 B	44800.0000 B	10.2	-	A
Chromium		10.0000 U	10.0000 U		-	P
Cobalt		20.0000 U	20.0000 U		-	P
Copper	25.0	62.0000	64.0000	3.2	-	A
Iron		1236.0670	1167.1330	5.7	-	P
Lead		28.0000	26.0000	7.4	-	F
Magnesium	5000.0	16158.5670	15923.7000	1.5	-	P
Manganese	15.0	60.0000	58.0000	3.4	-	A
Mercury	0.2	0.2350	0.2120	10.3	-	CV
Nickel		20.0000 U	20.0000 U		-	P
Potassium	5000.0	5642.0330	5636.5330	0.1	-	P
Selenium-		5.0000 U	5.0000 U		-	F
Silver	10.0	96.0000	12.0000	155.6	*	A
Sodium		42569.3670	42070.3670	1.2	-	P
Thallium-		5.0000 U	5.0000 U		-	F
Vanadium-		30.0000 U	30.0000 U		-	P
Zinc		273.3670	268.9330	1.6	-	P
Cyanide					-	NR

SDG OW-101-D



RECRA
ENVIRONMENTAL
INC.

**RECRA ENVIRONMENTAL, INC.***Chemical and Environmental Analysis Services*

**World
University
Games
Buffalo
1993**
GRAND PATRON
HELPING TO BRING THE
WORLD TO BUFFALO

October 4, 1991

Mr. Michael Bar
Dollinger - Afiltrona Company
3951 Westerse Parkway, Suite 200
Richmond, VA 23233

Re: Analytical Results

Dear Mr. Bar:

Please find enclosed results concerning the analyses of the samples recently **submitted** by your agency. The Pertinent Information regarding these analyses is listed below:

Contract #: **NY91-831R**
Case #: 3608
SDG #: **OW101 D**
Matrix: Aqueous
Samples Received: 9/7/91
Sample Dates: **9/5,6/91**

If you have any questions concerning these data, please contact Mr. Jeffrey Radin, **Project Manager**, at (716) 691-2600 and refer to the I.D. number listed below. It has been our pleasure to provide Dollinger - **Afiltrona Company** with Environmental Testing Services. We look forward to serving you in the future.

Sincerely,

RECRA ENVIRONMENTAL, INC.

Deborah J. Kinecki
Vice President
New York Environmental
Testing Operations

RCO/DJK/nmm
Enclosure

I.D. #91-2552
#NY1A3608

SAMPLE DATA SUMMARY PACKAGE



RECRA
ENVIRONMENTAL
INC.

1/DEC.1

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE IDENTIFICATION
AND
ANALYTICAL REQUIREMENT SUMMARY

CUSTOMER SAMPLE CODE	LABORATORY SAMPLE CODE	ANALYTICAL REQUIREMENTS*					
		VOA* GC/MS	BNA* GC/MS	VOA* GC	PEST* PCB	METALS	OTHER*
OW101D	91-2552	ASP	ASP	-	-	-	-
OW101S	91-2552	ASP	ASP	-	-	-	-
OW102D	91-2552	ASP	ASP	-	-	-	-
OW102S	91-2552	ASP	ASP	-	-	-	-
OW103D	91-2552	ASP	ASP	-	-	-	-
OW103S	91-2552	ASP	ASP	-	-	-	-
OW104D	91-2552	ASP	ASP	-	-	-	-
OW104S	91-2552	ASP	ASP	-	-	-	-
OW105D	91-2552	ASP	ASP	-	-	-	-
OW105S	91-2552	ASP	ASP	-	-	-	-
OW106D	91-2552	ASP	ASP	-	-	-	-
OW106S	91-2552	ASP	ASP	-	-	-	-
OW202D	91-2552	ASP	ASP	-	-	-	-
OW202S	91-2552	ASP	ASP	-	-	-	-
OW203D	91-2552	ASP	ASP	-	-	-	-
OW203S	91-2552	ASP	ASP	-	-	-	-
OW204D	91-2552	ASP	ASP	-	-	-	-
OW204S	91-2552	ASP	ASP	-	-	-	-
OW205	91-2552	ASP	ASP	-	-	-	-
TRIP BLANK	91-2552	ASP	-	-	-	-	-

I.D. #91-2552

NYSDEC-1

1/DEC.2

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
VOA ANALYSIS

SAMPLE IDENTIFICATION	MATRIX	DATE COLLECTED	DATE RECEIVED AT LAB	DATE EXTRACTED	DATE ANALYZED
OW101D	AQUEOUS	9/5/91	9/7/91	NA	9/10/91
OW101S	AQUEOUS	9/5/91	9/7/91	NA	9/10/91
OW102D	AQUEOUS	9/6/91	9/7/91	NA	9/10/91
OW102S	AQUEOUS	9/6/91	9/7/91	NA	9/10/91
OW103D	AQUEOUS	9/5/91	9/7/91	NA	9/10/91
OW103S	AQUEOUS	9/5/91	9/7/91	NA	9/10/91
OW104D	AQUEOUS	9/6/91	9/7/91	NA	9/10/91
OW104S	AQUEOUS	9/6/91	9/7/91	NA	9/10/91
OW105D	AQUEOUS	9/5/91	9/7/91	NA	9/10/91
OW105S	AQUEOUS	9/5/91	9/7/91	NA	9/10/91
OW106D	AQUEOUS	9/6/91	9/7/91	NA	9/10/91
OW106S	AQUEOUS	9/6/91	9/7/91	NA	9/10/91
OW202D	AQUEOUS	9/5/91	9/7/91	NA	9/11/91
OW202S	AQUEOUS	9/5/91	9/7/91	NA	9/11/91
OW203D	AQUEOUS	9/5/91	9/7/91	NA	9/10/91
OW203S	AQUEOUS	9/5/91	9/7/91	NA	9/11/91
OW204D	AQUEOUS	9/5/91	9/7/91	NA	9/11/91
OW204S	AQUEOUS	9/5/91	9/7/91	NA	9/11/91
OW205	AQUEOUS	9/5/91	9/7/91	NA	9/10/91
TRIP BLANK	AQUEOUS	-	9/7/91	NA	9/10/91

I.D. #91-2552

NYSDEC-2

1/DEC.3

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
B/N-A ANALYSIS

SAMPLE IDENTIFICATION	MATRIX	DATE COLLECTED	DATE REC. AT LAB	DATE EXTRACTED	DATE ANALYZED
OW101D	AQUEOUS	9/5/91	9/7/91	9/11/91	9/24/91
OW101S	AQUEOUS	9/5/91	9/7/91	9/11/91	9/19/91
OW102D	AQUEOUS	9/6/91	9/7/91	9/11/91	9/19/91
OW102S	AQUEOUS	9/6/91	9/7/91	9/11/91	9/19/91
OW103D	AQUEOUS	9/5/91	9/7/91	9/11/91	9/24/91
OW103S	AQUEOUS	9/5/91	9/7/91	9/11/91	9/24/91
OW104D	AQUEOUS	9/6/91	9/7/91	9/11/91	9/25/91
OW104S	AQUEOUS	9/6/91	9/7/91	9/11/91	9/24/91
OW105D	AQUEOUS	9/5/91	9/7/91	9/11/91	9/27/91
OW105S	AQUEOUS	9/5/91	9/7/91	9/11/91	9/25/91
OW106D	AQUEOUS	9/6/91	9/7/91	9/11/91	9/25/91
OW106S	AQUEOUS	9/6/91	9/7/91	9/11/91	9/25/91
OW202D	AQUEOUS	9/5/91	9/7/91	9/11/91	9/25/91
OW202S	AQUEOUS	9/5/91	9/7/91	9/11/91	9/25/91
OW203D	AQUEOUS	9/5/91	9/7/91	9/11/91	9/25/91
OW203S	AQUEOUS	9/5/91	9/7/91	9/11/91	9/25/91
OW204D	AQUEOUS	9/5/91	9/7/91	9/11/91	9/25/91
OW204S	AQUEOUS	9/5/91	9/7/91	9/11/91	9/25/91
OW205	AQUEOUS	9/5/91	9/7/91	9/11/91	9/25/91

I.D. #91-2552

NYDEC-3

1/DEC.6

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
SAMPLE PREPARATION AND ANALYSIS SUMMARY
ORGANIC ANALYSES

SAMPLE IDENTIFICATION	MATRIX	ANALYTICAL PROTOCOL	EXTRACTION METHOD	AUXILARY CLEAN UP	DIL/CONC FACTOR
OW101D	AQUEOUS	ASP	SEPF	AS REQUIRED	AS REQUIRED
OW101S	AQUEOUS	ASP	SEPF	AS REQUIRED	AS REQUIRED
OW102D	AQUEOUS	ASP	SEPF	AS REQUIRED	AS REQUIRED
OW102S	AQUEOUS	ASP	SEPF	AS REQUIRED	AS REQUIRED
OW103D	AQUEOUS	ASP	SEPF	AS REQUIRED	AS REQUIRED
OW103S	AQUEOUS	ASP	SEPF	AS REQUIRED	AS REQUIRED
OW104D	AQUEOUS	ASP	SEPF	AS REQUIRED	AS REQUIRED
OW104S	AQUEOUS	ASP	SEPF	AS REQUIRED	AS REQUIRED
OW105D	AQUEOUS	ASP	SEPF	AS REQUIRED	AS REQUIRED
OW105S	AQUEOUS	ASP	SEPF	AS REQUIRED	AS REQUIRED
OW106D	AQUEOUS	ASP	SEPF	AS REQUIRED	AS REQUIRED
OW106S	AQUEOUS	ASP	SEPF	AS REQUIRED	AS REQUIRED
OW202D	AQUEOUS	ASP	SEPF	AS REQUIRED	AS REQUIRED
OW202S	AQUEOUS	ASP	SEPF	AS REQUIRED	AS REQUIRED
OW203D	AQUEOUS	ASP	SEPF	AS REQUIRED	AS REQUIRED

SAMPLE IDENTIFICATION	MATRIX	ANALYTICAL PROTOCOL	EXTRACTION METHOD	AUXILARY CLEAN UP	DIL/CONC FACTOR
OW203S	AQUEOUS	ASP	SEPF	AS REQUIRED	AS REQUIRED
OW204D	AQUEOUS	ASP	SEPF	AS REQUIRED	AS REQUIRED
OW204S	AQUEOUS	ASP	SEPF	AS REQUIRED	AS REQUIRED
OW205	AQUEOUS	ASP	SEPF	AS REQUIRED	AS REQUIRED
TRIP BLANK	AQUEOUS	ASP	SEPF	AS REQUIRED	AS REQUIRED

NYSDEC- 6

2000.1

CASE NARRATIVE

Laboratory Name: Recra Environmental, Inc.

Laboratory Code: **RECNY**

Case Number: 3608

SDG Number: **OW101 D**

Contract Number: **NY91-831R**

Sample Identifications:

OW101D	OW106D
OW10IS	OW106S
OW10IS Matrix Spike	OW202D
OW10IS Matrix Spike Duplicate	OW202S
OW102D	OW203D
OW102S	OW203S
OW103D	OW204D
OW103S	OW204S
OW104D	OW205
OW104S	Trip Blank
OW105D	Matrix Spike Blank
OW105S	

GENERAL COMMENTS

Analyses were performed in accordance with the New York State Analytical Service Protocol 1989.

The enclosed data has been reported utilizing data qualifiers (Q) as defined on the Organic Data Comment Page.

VOLATILE DATA

Volatile sample and standard areas are listed on the corresponding data system printouts.

Volatile data are processed utilizing **Finnigan** Autoquantitation and QA Formaster software. All compounds determined to be present by the **computer-**generated autoquantitation were subjected to a manual ion search for secondary and tertiary ions. If contract laboratory protocol spectral identification criteria were not met, those compounds were deleted from the quantitation report.

No deviations from protocol were encountered during analysis.



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SEMIVOLATILE DATA

Semivolatile sample and standard areas are listed on the corresponding data system printouts.

Semivolatile data are processed utilizing **Finnigan** Autoquantitation and QA Formaster software. All compounds determined to be present by the computer-generated autoquantitation were subjected to a manual ion search for secondary and tertiary ions. If contract laboratory protocol spectral identification criteria were not met, those compounds were deleted from the quantitation report.

Sample **OW102D** exhibited internal standard perylene-dl2 **as** outside quality control **limits and** required re-analysis.

Sample **OW101S** matrix spike exhibited spike recoveries **4-chloro-3-methylphenol**, **4-nitrophenol**, **2,4-dinitrotoluene** and pentachlorophenol as outside quality control limits.

Sample **OW101S** matrix spike duplicate exhibited spike recoveries **4-chlor-3-methylphenol** and **2,4-dinitrotoluene** as outside quality control limits. Also two (2) **%RPD** were outside quality control limits.

"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 has been authorized by the Laboratory Manager or her designee, as verified by the following **signature.**"

Deborah J. Kinecki
Deborah J. Kinecki

10/4/91
Date



RECRA
ENVIRONMENTAL
INC.

Laboratory Name RECRA ENVIRONMENTAL, INC.

USEPA Defined Organic Data Qualifiers:

- U - Indicates compound was analyzed for but not detected.
- J - Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed; or when the mass spectral data indicate the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
- C - This flag applies to pesticide results where the identification has been confirmed by GC/MS.
- B - This flag is used when the analyte is found in the associated blank as well as in the sample.
- E - This flag identifies compounds whose concentrations exceed the calibration range of the GC/MS instrument for that specific analysis.
- D - This flag identifies all compounds identified in an analysis at a secondary dilution factor.
- G - The TCLP Matrix Spike recovery was greater than the upper limit of the analytical method.
- L - The TCLP Matrix Spike recovery was lower than the lower limit of the analytical method.
- T - This flag is used when the analyte is found in the associated TCLP extraction as well as in the sample:



1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 5

OW101D

Lab Name: RECRA ENVIRON

Contract: NY91-831R

Lab Code: RECNY Case No.: 3608

SAS No.: _____

SDG No.: OW101D *NY*

Matrix: (soil/water) WATER

Lab Sample ID: OW101D

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

Lab File ID: D5169

Level: (low/med) LOW

Date Received: 09/07/91

Moisture: not dec. _____

Date Analyzed: 09/10/91

Concn: (pack/cap) PACK

Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	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	U
67-64-1-----	Acetone	10	U
75-15-0-----	Carbon Disulfide	5	U
75-35-4-----	1,1-Dichloroethene	5	U
75-34-3-----	1,1-Dichloroethane	5	U
540-59-0-----	1,2-Dichloroethene (total)	5	U
67-66-3-----	Chloroform	5	U
107-06-2-----	1,2-Dichloroethane	5	U
78-93-3-----	2-Butanone	10	U
71-55-6-----	1,1,1-Trichloroethane	5	U
56-23-5-----	Carbon Tetrachloride	5	U
108-05-4-----	Vinyl Acetate	10	U
75-27-4-----	Bromodichloromethane	5	U
78-87-5-----	1,2-Dichloropropane	5	U
10061-01-5-----	cis-1,3-dichloropropene	5	U
79-01-6-----	Trichloroethene	0.3	BJ
124-48-1-----	Dibromochloromethane	5	U
79-00-5-----	1,1,2-Trichloroethane	5	U
71-43-2-----	Benzene	5	U
10061-02-6-----	trans-1,3-dichloropropene	5	U
75-25-2-----	Bromoform	5	U
108-10-1-----	4-Methyl-2-Pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	5	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5	U
108-88-3-----	Toluene	5	U
108-90-7-----	Chlorobenzene	5	U
100-41-4-----	Ethylbenzene	5	U
100-42-5-----	Styrene	5	U
1330-20-7-----	Total Xylenes	5	U

VOLATILE ORGANICS ^{1E} ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

OW101D

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3608 SAS No.: SDG No.: OW101D *MS*

Matrix: (soil/water) WATER Lab Sample ID: OW101D

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: D5169

Level: (low/med) LOW Date Received: 09/07/91

% Moisture: not dec. Date Analyzed: 09/10/91

Column (pack/cap) PACK Dilution Factor: 1.0

Number TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OW101S

Lab Name: RECRA ENVIRON

Contract: NY91-831R

Lab Code: RECNY Case No.: 3608

SAS No.: _____

SDG No.: OW101p *MS*

Matrix: (soil/water) WATER

Lab Sample ID: OW101S

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

Lab File ID: D5165

Level: (low/med) LOW

Date Received: 09/07/91

% Moisture: not dec. _____

Date Analyzed: 09/10/91

Container: (pack/cap) PACK

Dilution Factor: 1.0

CAS NO.

COMPOUND

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

Q

74-87-3-----	Chloromethane	10	U
74-83-9-----	Bromomethane	10	U
75-01-4-----	Vinyl Chloride	10	U
75-00-3-----	Chloroethane	10	U
75-09-2-----	Methylene Chloride	5	U
67-64-1-----	Acetone	10	U
75-15-0-----	Carbon Disulfide	5	U
75-35-4-----	1,1-Dichloroethene	5	U
75-34-3-----	1,1-Dichloroethane	5	U
540-59-0-----	1,2-Dichloroethene (total)	5	U
67-66-3-----	Chloroform	5	U
107-06-2-----	1,2-Dichloroethane	5	U
78-93-3-----	2-Butanone	10	U
71-55-6-----	1,1,1-Trichloroethane	5	U
56-23-5-----	Carbon Tetrachloride	5	U
108-05-4-----	Vinyl Acetate	10	U
75-27-4-----	Bromodichloromethane	5	U
78-87-5-----	1,2-Dichloropropane	5	U
10061-01-5-----	cis-1,3-dichloropropene	5	U
79-01-6-----	Trichloroethene	0.8	BJ
124-48-1-----	Dibromochloromethane	5	U
79-00-5-----	1,1,2-Trichloroethane	5	U
71-43-2-----	Benzene	5	U
10061-02-6-----	trans-1,3-dichloropropene	5	U
75-25-2-----	Bromoform	5	U
108-10-1-----	4-Methyl-2-Pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	5	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5	U
108-88-3-----	Toluene	5	U
108-90-7-----	Chlorobenzene	5	U
100-41-4-----	Ethylbenzene	5	U
100-42-5-----	Styrene	5	U
1330-20-7-----	Total Xylenes	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

OW101S

Lab Name: RECRA ENVIRON Contract: NY91-831R
Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101 *18*
Matrix: (soil/water) WATER Lab Sample ID: OW101S
Sample wt/vol: 5.0 (g/mL) ML Lab File ID: D5165
Level: (low/med) LOW Date Received: 09/07/91
% Moisture: not dec. _____ Date Analyzed: 09/10/91
Column (pack/cap) PACK Dilution Factor: 1.0

Number TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OW102D

Lab Name: RECRA ENVIRONContract: NY91-831RLab Code: RECNY Case No.: 3608

SAS No.: _____

SDG No.: OW101D *MS*Matrix: (soil/water) WATERLab Sample ID: OW102DSample wt/vol: 5.0 (g/mL) MLLab File ID: D5171Level: (low/med) LOWDate Received: 09/07/91

% Moisture: not dec. _____

Date Analyzed: 09/10/91Column: (pack/cap) PACKDilution Factor: 1.0

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

CAS NO.

COMPOUND

74-87-3-----	Chloromethane	10	U
74-83-9-----	Bromomethane	10	U
75-01-4-----	Vinyl Chloride	10	U
75-00-3-----	Chloroethane	10	U
75-09-2-----	Methylene Chloride	5	U
67-64-1-----	Acetone	10	U
75-15-0-----	Carbon Disulfide	5	U
75-35-4-----	1,1-Dichloroethene	5	U
75-34-3-----	1,1-Dichloroethane	5	U
540-59-0-----	1,2-Dichloroethene (total)	5	U
67-66-3-----	Chloroform	5	U
107-06-2-----	1,2-Dichloroethane	5	U
78-93-3-----	2-Butanone	10	U
71-55-6-----	1,1,1-Trichloroethane	5	U
56-23-5-----	Carbon Tetrachloride	5	U
108-05-4-----	vinyl Acetate	10	U
75-27-4-----	Bromodichloromethane	5	U
78-87-5-----	1,2-Dichloropropane	5	U
10061-01-5-----	cis-1,3-dichloropropene	5	U
79-01-6-----	Trichloroethene	20	B
124-48-1-----	Dibromochloromethane	5	U
79-00-5-----	1,1,2-Trichloroethane	5	U
71-43-2-----	Benzene	5	U
10061-02-6-----	trans-1,3-dichloropropene	5	U
75-25-2-----	Bromoform	5	U
108-10-1-----	4-Methyl-2-Pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	5	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5	U
108-88-3-----	Toluene	5	U
108-90-7-----	Chlorobenzene	5	U
100-41-4-----	Ethylbenzene	5	U
100-42-5-----	Styrene	5	U
1330-20-7-----	Total Xylenes	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO. **10**

OW102D

Lab Name: RECRA ENVIRON Contract: NY91-831R

L b Code: RECNY Case No.: 3608 SAS No.: SDG No.: OW101 **W**

M-trix: (soil/water) WATER Lab Sample ID: OW102D

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: D5171

L vel: (low/med) LOW Date Received: 09/07/91

% Moisture: not dec. Date Analyzed: 09/10/91

C lumn (pack/cap) PACK Dilution Factor: 1.0

Number TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OW102S

a Name: RECRA ENVIRON Contract: NY91-831R
 a Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW1010 *ps*
 a rix: (soil/water) WATER Lab Sample ID: OW102S
 ample wt/vol: 5.0 (g/mL) ML Lab File ID: D5170
 e al: (low/med) LOW Date Received: 09/07/91
 Moisture: not dec. _____ Date Analyzed: 09/10/91
 olumn: (pack/cap) PACK Dilution Factor: 1.0

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 U
67-64-1	Acetone	10 U
75-15-0	Carbon Disulfide	5 U
75-35-4	1,1-Dichloroethene	5 U
75-34-3	1,1-Dichloroethane	5 U
540-59-0	1,2-Dichloroethene (total)	2 J
67-66-3	Chloroform	5 U
107-06-2	1,2-Dichloroethane	5 U
78-93-3	2-Butanone	10 U
71-55-6	1,1,1-Trichloroethane	5 U
56-23-5	Carbon Tetrachloride	5 U
108-05-4	Vinyl Acetate	10 U
75-27-4	Bromodichloromethane	5 U
78-87-5	1,2-Dichloropropane	5 U
10061-01-5	cis-1,3-dichloropropene	5 U
79-01-6	Trichloroethene	80 B
124-48-1	Dibromochloromethane	5 U
79-00-5	1,1,2-Trichloroethane	5 U
71-43-2	Benzene	5 U
10061-02-6	trans-1,3-dichloropropene	5 U
75-25-2	Bromoform	5 U
108-10-1	4-Methyl-2-Pentanone	10 U
591-78-6	2-Hexanone	10 U
127-18-4	Tetrachloroethene	5 U
79-34-5	1,1,2,2-Tetrachloroethane	5 U
108-88-3	Toluene	5 U
108-90-7	Chlorobenzene	5 U
100-41-4	Ethylbenzene	5 U
100-42-5	Styrene	5 U
1330-20-7	Total Xylenes	5 U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

OW102S

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101D *ns*

Matrix: (soil/water) WATER Lab Sample ID: OW102S

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: D5170

Level: (low/med) LOW Date Received: 09/07/91

% Moisture: not dec. _____ Date Analyzed: 09/10/91

Column (pack/cap) PACK Dilution Factor: 1.0

Number TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. ¹³

OW103D

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101 *ML*

Matrix: (soil/water) WATER Lab Sample ID: OW103D

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: D5173

Level: (low/med) LOW Date Received: 09/07/91

Moisture: not dec. _____ Date Analyzed: 09/10/91

Column: (pack/cap) PACK Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	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	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	0.7	J
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	160	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-dichloropropene	5	U
79-01-6	Trichloroethene	16	B
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Total Xylenes	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

OW103D

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101 *MS*

Matrix: (soil/water) WATER Lab Sample ID: OW103D

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: D5173

Level: (low/med) LOW Date Received: 09/07/91

% Moisture: not dec. _____ Date Analyzed: 09/10/91

3 Column (pack/cap) PACK Dilution Factor: 1.0

Number TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OW103S

Lab Name: RECRA ENVIRONContract: NY91-831RLab Code: RECNYCase No.: 3608

SAS No.: _____

SDG No.: OW101 *D NY*Matrix: (soil/water) WATERLab Sample ID: OW103SSample wt/vol: 5.0 (g/mL) MLLab File ID: D5172Level: (low/med) LOWDate Received: 09/07/91

Moisture: not dec. _____

Date Analyzed: 09/10/91Column: (pack/cap) PACKDilution Factor: 1.0

CAS NO.

COMPOUND

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

Q

74-87-3-----	Chloromethane	10	U
74-83-9-----	Bromomethane	10	U
75-01-4-----	Vinyl Chloride	64	
75-00-3-----	Chloroethane	10	U
75-09-2-----	Methylene Chloride	5	U
67-64-1-----	Acetone	10	U
75-15-0-----	Carbon Disulfide	5	U
75-35-4-----	1,1-Dichloroethene	5	U
75-34-3-----	1,1-Dichloroethane	5	U
540-59-0-----	1,2-Dichloroethene (total)	73	
67-66-3-----	Chloroform	5	U
107-06-2-----	1,2-Dichloroethane	5	U
78-93-3-----	2-Butanone	10	U
71-55-6-----	1,1,1-Trichloroethane	5	U
56-23-5-----	Carbon Tetrachloride	5	U
108-05-4-----	Vinyl Acetate	10	U
75-27-4-----	Bromodichloromethane	5	U
78-87-5-----	1,2-Dichloropropane	5	U
10061-01-5-----	cis-1,3-dichloropropene	5	U
79-01-6-----	Trichloroethene	0.6	BJ
124-48-1-----	Dibromochloromethane	5	U
79-00-5-----	1,1,2-Trichloroethane	5	U
71-43-2-----	Benzene	5	U
10061-02-6-----	trans-1,3-dichloropropene	5	U
75-25-2-----	Bromoform	5	U
108-10-1-----	4-Methyl-2-Pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	5	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5	U
108-88-3-----	Toluene	5	U
108-90-7-----	Chlorobenzene	5	U
100-41-4-----	Ethylbenzene	5	U
100-42-5-----	Styrene	5	U
1330-20-7-----	Total Xylenes	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

OW103S

Lab Name: RECRA ENVIRON Contract: NY91-831R
Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101D
Matrix: (soil/water) WATER Lab Sample ID: OW103S
Sample wt/vol: 5.0 (g/mL) ML Lab File ID: D5172
Level: (low/med) LOW Date Received: 09/07/91
Moisture: not dec. _____ Date Analyzed: 09/10/91
Column (pack/cap) PACK Dilution Factor: 1.0

Number TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OW104D

Lab Name: RECRA ENVIRON Contract: NY91-831R
 Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101D ¹⁸
 Matrix: (soil/water) WATER Lab Sample ID: OW104D
 Sample wt/vol: 5.0 (g/mL) ML Lab File ID: D5175
 L rel: (low/med) LOW Date Received: 09/07/91
 % Moisture: not dec. _____ Date Analyzed: 09/10/91
 Column: (pack/cap) PACK Dilution Factor: 1.0

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	U
67-64-1-----	Acetone	10	U
75-15-0-----	Carbon Disulfide	5	U
75-35-4-----	1,1-Dichloroethene	5	U
75-34-3-----	1,1-Dichloroethane	5	U
540-59-0-----	1,2-Dichloroethene (total)	7	
67-66-3-----	Chloroform	5	U
107-06-2-----	1,2-Dichloroethane	5	U
78-93-3-----	2-Butanone	10	U
71-55-6-----	1,1,1-Trichloroethane	5	U
56-23-5-----	Carbon Tetrachloride	5	U
108-05-4-----	Vinyl Acetate	10	U
75-27-4-----	Bromodichloromethane	5	U
78-87-5-----	1,2-Dichloropropane	5	U
10061-01-5-----	cis-1,3-dichloropropene	5	U
79-01-6-----	Trichloroethene	9	B
124-48-1-----	Dibromochloromethane	5	U
79-00-5-----	1,1,2-Trichloroethane	5	U
71-43-2-----	Benzene	5	U
10061-02-6-----	trans-1,3-dichloropropene	5	U
75-25-2-----	Bromoform	5	U
108-10-1-----	4-Methyl-2-Pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	5	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5	U
108-88-3-----	Toluene	5	U
108-90-7-----	Chlorobenzene	5	U
100-41-4-----	Ethylbenzene	5	U
100-42-5-----	Styrene	5	U
1330-20-7-----	Total Xylenes	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

OW104D

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101 ^{MS}

Matrix: (soil/water) WATER Lab Sample ID: OW104D

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: D5175

Level: (low/med) LOW Date Received: 09/07/91

% Moisture: not dec. _____ Date Analyzed: 09/10/91

Column (pack/cap) PACK Dilution Factor: 1.0

Number TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OW104S

Lab Name: RECRA ENVIRONContract: NY91-831RLab Code: RECNYCase No.: 3608

SAS No.: _____

SDG No.: OW101 ¹⁷Matrix: (soil/water) WATERLab Sample ID: OW104SSample wt/vol: 5.0 (g/mL) MLLab File ID: D5174Level: (low/med) LOWDate Received: 09/07/91

Moisture: not dec. _____

Date Analyzed: 09/10/91Column: (pack/cap) PACKDilution Factor: 1.0

CAS NO.

COMPOUND

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

Q

74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	5	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	130	
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-dichloropropene	5	U
79-01-6	Trichloroethene	10	B
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Total Xylenes	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

OW104S

Lab Name: RECRA ENVIRON

Contract: NY91-831R

Lab Code: RECNY

Case No.: 3608

SAS No.: _____

SDG No.: OW1010

Matrix: (soil/water) WATER

Lab Sample ID: OW104S

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

Lab File ID: D5174

Level: (low/med) LOW

Date Received: 09/07/91

Moisture: not dec. _____

Date Analyzed: 09/10/91

Column (pack/cap) PACK

Dilution Factor: 1.0

Number TICs found: 0

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

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OW105D

Lab Name: RECRA ENVIRON

Contract: NY91-831R

Lab Code: RECNY

Case No.: 3608

SAS No.: _____

SDG No.: OW101 ⁹

Matrix: (soil/water) WATER

Lab Sample ID: OW105D

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

Lab File ID: E3077

Level: (low/med) LOW

Date Received: 09/07/91

% Moisture: not dec. _____

Date Analyzed: 09/10/91

C Lumn: (pack/cap) PACK

Dilution Factor: 1.0

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

74-87-3-----	Chloromethane	10	U
74-83-9-----	Bromomethane	10	U
75-01-4-----	Vinyl Chloride	10	U
75-00-3-----	Chloroethane	10	U
75-09-2-----	Methylene Chloride	5	U
67-64-1-----	Acetone	10	U
75-15-0-----	Carbon Disulfide	5	U
75-35-4-----	1,1-Dichloroethene	5	U
75-34-3-----	1,1-Dichloroethane	5	U
540-59-0-----	1,2-Dichloroethene (total)	5	U
67-66-3-----	Chloroform	5	U
107-06-2-----	1,2-Dichloroethane	5	U
78-93-3-----	2-Butanone	10	U
71-55-6-----	1,1,1-Trichloroethane	5	U
56-23-5-----	Carbon Tetrachloride	5	U
108-05-4-----	Vinyl Acetate	10	U
75-27-4-----	Bromodichloromethane	5	U
78-87-5-----	1,2-Dichloropropane	5	U
10061-01-5-----	cis-1,3-dichloropropene	5	U
79-01-6-----	Trichloroethene	5	U
124-48-1-----	Dibromochloromethane	5	U
79-00-5-----	1,1,2-Trichloroethane	5	U
71-43-2-----	Benzene	5	U
10061-02-6-----	trans-1,3-dichloropropene	5	U
75-25-2-----	Bromofo n ~ ~	5	U
108-10-1-----	4-Methyl-2-Pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	5	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5	U
108-88-3-----	Toluene	5	U
108-90-7-----	Chlorobenzene	5	U
100-41-4-----	Ethylbenzene	5	U
100-42-5-----	Styrene	5	U
1330-20-7-----	Total Xylenes	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO. **22**

OW105D

Lab Name: RECRA ENVIRON Contract: NY91-831R
 Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101.7 *W*
 Matrix: (soil/water) WATER Lab Sample ID: OW105D
 Sample wt/vol: 5.0 (g/mL) ML Lab File ID: E3077
 Rel: (low/med) LOW Date Received: 09/07/91
 Moisture: not dec. _____ Date Analyzed: 09/10/91
 Column (pack/cap) PACK Dilution Factor: 1.0

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	-----	=====	=====	=====
	iodo methyl benzene isomer	24.4	14	J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OW105S

Lab Name: RECRA ENVIRON Contract: NY91-831R
 Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101
 Matrix: (soil/water) WATER Lab Sample ID: OW105S
 Sample wt/vol: 5.0 (g/mL) ML Lab File ID: E3076
 Depth: (low/med) LOW Date Received: 09/07/91
 Moisture: not dec. _____ Date Analyzed: 09/10/91
 Container: (pack/cap) PACK Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	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	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Total Xylenes	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

OW105S

Lab Name: RECRA ENVIRON Contract: NY91-831R
Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW1017
Matrix: (soil/water) WATER Lab Sample ID: OW105S
Sample wt/vol: 5.0 (g/mL) ML Lab File ID: E3076
Level: (low/med) LOW Date Received: 09/07/91
Moisture: not dec. _____ Date Analyzed: 09/10/91
Column (pack/cap) PACK Dilution Factor: 1.0

Number TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OW106D

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101 *79*

Matrix: (soil/water) WATER Lab Sample ID: OW106D

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: E3079

Level: (low/med) LOW Date Received: 09/07/91

Moisture: not dec. _____ Date Analyzed: 09/10/91

Volume: (pack/cap) PACK Dilution Factor: 1.0

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

74-87-3-----	Chloromethane	10	U
74-83-9-----	Bromomethane	10	U
75-01-4-----	Vinyl Chloride	10	U
75-00-3-----	Chloroethane	10	U
75-09-2-----	Methylene Chloride	5	U
67-64-1-----	Acetone	10	U
75-15-0-----	Carbon Disulfide	5	U
75-35-4-----	1,1-Dichloroethene	5	U
75-34-3-----	1,1-Dichloroethane	5	U
540-59-0-----	1,2-Dichloroethene (total)	5	U
67-66-3-----	Chloroform	5	U
107-06-2-----	1,2-Dichloroethane	5	U
78-93-3-----	2-Butanone	10	U
71-55-6-----	1,1,1-Trichloroethane	5	U
56-23-5-----	Carbon Tetrachloride	5	U
108-05-4-----	Vinyl Acetate	10	U
75-27-4-----	Bromodichloromethane	5	U
78-87-5-----	1,2-Dichloropropane	5	U
10061-01-5-----	cis-1,3-dichloropropene	5	U
79-01-6-----	Trichloroethene	5	U
124-48-1-----	Dibromochloromethane	5	U
79-00-5-----	1,1,2-Trichloroethane	5	U
71-43-2-----	Benzene	5	U
10061-02-6-----	trans-1,3-dichloropropene	5	U
75-25-2-----	Bromoform	5	U
108-10-1-----	4-Methyl-2-Pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	5	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5	U
108-88-3-----	Toluene	5	U
108-90-7-----	Chlorobenzene	5	U
100-41-4-----	Ethylbenzene	5	U
100-42-5-----	Styrene	5	U
1330-20-7-----	Total Xylenes	5	U

20

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

OW106D

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW1010

Matrix: (soil/water) WATER Lab Sample ID: OW106D

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: E3079

Level: (low/med) LOW Date Received: 09/07/91

% Moisture: not dec. _____ Date Analyzed: 09/10/91

C Lumn (pack/cap) PACK Dilution Factor: 1.0

Number TICs found: 0

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

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OW106S

Lab Name: RECRA ENVIRON Contract: NY91-831RLab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW1011 *m*Matrix: (soil/water) WATER Lab Sample ID: OW106SSample wt/vol: 5.0 (g/mL) ML Lab File ID: E3078Level: (low/med) LOW Date Received: 09/07/91Moisture: not dec. _____ Date Analyzed: 09/10/91Seal: (pack/cap) PACK Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	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	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	
108-90-7	Chlorobenzene	5	
100-41-4	Ethylbenzene	5	
100-42-5	Styrene	5	
1330-20-7	Total Xylenes	5	

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

OW106S

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101D m)

Matrix: (soil/water) WATER Lab Sample ID: OW106S

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: E3078

Level: (low/med) LOW Date Received: 09/07/91

% Moisture: not dec. _____ Date Analyzed: 09/10/91

Column (pack/cap) PACK Dilution Factor: 1.0

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

Number TICs found: 0

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OW202D

Lab Name: RECRA ENVIRON

Contract: NY91-831R

Lab Code: RECNY Case No.: 3608

SAS No.: _____

SDG No.: OW101D

Matrix: (soil/water) WATER

Lab Sample ID: OW202D

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

Lab File ID: E3089

Level: (low/med) LOW

Date Received: 09/07/91

% Moisture: not dec. _____

Date Analyzed: 09/11/91

Column: (pack/cap) PACK

Dilution Factor: 1.0

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

74-87-3-----	Chloromethane	10	U
74-83-9-----	Bromomethane	10	U
75-01-4-----	Vinyl Chloride	10	U
75-00-3-----	Chloroethane	10	U
75-09-2-----	Methylene Chloride	5	U
67-64-1-----	Acetone	23	
75-15-0-----	Carbon Disulfide	5	U
75-35-4-----	1,1-Dichloroethene	5	U
75-34-3-----	1,1-Dichloroethane	5	U
540-59-0-----	1,2-Dichloroethene (total)	5	U
67-66-3-----	Chloroform	0.6	J
107-06-2-----	1,2-Dichloroethane	5	U
78-93-3-----	2-Butanone	10	U
71-55-6-----	1,1,1-Trichloroethane	5	U
56-23-5-----	Carbon Tetrachloride	5	U
108-05-4-----	Vinyl Acetate	10	U
75-27-4-----	Bromodichloromethane	5	U
78-87-5-----	1,2-Dichloropropane	5	U
10061-01-5-----	cis-1,3-dichloropropene	5	U
79-01-6-----	Trichloroethene	5	U
124-48-1-----	Dibromochloromethane	5	U
79-00-5-----	1,1,2-Trichloroethane	5	U
71-43-2-----	Benzene	5	U
10061-02-6-----	trans-1,3-dichloropropene	5	U
75-25-2-----	Bromoform	5	U
108-10-1-----	4-Methyl-2-Pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	5	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5	U
108-88-3-----	Toluene	5	U
108-90-7-----	Chlorobenzene	5	U
100-41-4-----	Ethylbenzene	5	U
100-42-5-----	Styrene	5	U
1330-20-7-----	Total Xylenes	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

OW202D

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101 ^D _W

Matrix: (soil/water) WATER Lab Sample ID: OW202D

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: E3089

Level: (low/med) LOW Date Received: 09/07/91

Moisture: not dec. _____ Date Analyzed: 09/11/91

Column (pack/cap) PACK Dilution Factor: 1.0

Number TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OW202S

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101D p)

Matrix: (soil/water) WATER Lab Sample ID: OW202S

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: E3088

Level: (low/med) LOW Date Received: 09/07/91

Moisture: not dec. _____ Date Analyzed: 09/11/91

Container: (pack/cap) PACK Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
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	U
67-64-1	-----Acetone	10	U
75-15-0	-----Carbon Disulfide	5	U
75-35-4	-----1,1-Dichloroethene	5	U
75-34-3	-----1,1-Dichloroethane	5	U
540-59-0	-----1,2-Dichloroethene (total)	5	U
67-66-3	-----Chloroform	5	U
107-06-2	-----1,2-Dichloroethane	5	U
78-93-3	-----2-Butanone	10	U
71-55-6	-----1,1,1-Trichloroethane	5	U
56-23-5	-----Carbon Tetrachloride	5	U
108-05-4	-----Vinyl Acetate	10	U
75-27-4	-----Bromodichloromethane	5	U
78-87-5	-----1,2-Dichloropropane	5	U
10061-01-5	-----cis-1,3-dichloropropene	5	U
79-01-6	-----Trichloroethene	5	U
124-48-1	-----Dibromochloromethane	5	U
79-00-5	-----1,1,2-Trichloroethane	5	U
71-43-2	-----Benzene	5	U
10061-02-6	-----trans-1,3-dichloropropene	5	U
75-25-2	-----Bromoform	5	U
108-10-1	-----4-Methyl-2-Pentanone	10	U
591-78-6	-----2-Hexanone	10	U
127-18-4	-----Tetrachloroethene	5	U
79-34-5	-----1,1,2,2-Tetrachloroethane	5	U
108-88-3	-----Toluene	5	U
108-90-7	-----Chlorobenzene	5	U
100-41-4	-----Ethylbenzene	5	U
100-42-5	-----Styrene	5	U
1330-20-7	-----Total Xylenes	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO. .

OW202S

Lab Name: RECRA ENVIRON Contract: NY91-831RLab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101 *DP*Matrix: (soil/water) WATERLab Sample ID: OW202SSample wt/vol: 5.0 (g/mL) MLLab File ID: E3088Level: (low/med) LOWDate Received: 09/07/91

Moisture: not dec. _____

Date Analyzed: 09/11/91Column (pack/cap) PACKDilution Factor: 1.0Number TICs found: 0CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OW203D

a b Name: RECRA ENVIRONContract: NY91-831RCode: RECNYCase No.: 3608

SAS No.: _____

SDG No.: OW101 D 19Matrix: (soil/water) WATERLab Sample ID: OW203DSample wt/vol: 5.0 (g/mL) MLLab File ID: D5168Level: (low/med) LOWDate Received: 09/07/91

Moisture: not dec. _____

Date Analyzed: 09/10/91Cumn: (pack/cap) PACKDilution Factor: 1.0

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

74-87-3-----	Chloromethane	10	U
74-83-9-----	Bromomethane	10	U
75-01-4-----	Vinyl Chloride	10	U
75-00-3-----	Chloroethane	10	U
75-09-2-----	Methylene Chloride	5	U
67-64-1-----	Acetone	10	U
75-15-0-----	Carbon Disulfide	5	U
75-35-4-----	1,1-Dichloroethene	5	U
75-34-3-----	1,1-Dichloroethane	5	U
540-59-0-----	1,2-Dichloroethene (total)	5	U
67-66-3-----	Chloroform	5	U
107-06-2-----	1,2-Dichloroethane	5	U
78-93-3-----	2-Butanone	10	U
71-55-6-----	1,1,1-Trichloroethane	5	U
56-23-5-----	Carbon Tetrachloride	5	U
108-05-4-----	Vinyl Acetate	10	U
75-27-4-----	Bromodichloromethane	5	U
78-87-5-----	1,2-Dichloropropane	5	U
10061-01-5-----	cis-1,3-dichloropropene	5	U
79-01-6-----	Trichloroethene	0.4	BJ
124-48-1-----	Dibromochloromethane	5	U
79-00-5-----	1,1,2-Trichloroethane	5	U
71-43-2-----	Benzene	5	U
10061-02-6-----	trans-1,3-dichloropropene	5	U
75-25-2-----	Bromoform	5	U
108-10-1-----	4-Methyl-2-Pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	5	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5	U
108-88-3-----	Toluene	5	U
108-90-7-----	Chlorobenzene	5	U
100-41-4-----	Ethylbenzene	5	U
100-42-5-----	Styrene	5	U
1330-20-7-----	Total Xylenes	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

OW203D

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101) N

Matrix: (soil/water) WATER Lab Sample ID: OW203D

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: D5168

Level: (low/med) LOW Date Received: 09/07/91

Moisture: not dec. _____ Date Analyzed: 09/10/91

Column (pack/cap) PACK Dilution Factor: 1.0

Number TICs found: 0

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

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OW203S

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101 *DM*

Matrix: (soil/water) WATER Lab Sample ID: OW203S

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: E3090

Level: (low/med) LOW Date Received: 09/07/91

% Moisture: not dec. _____ Date Analyzed: 09/11/91

Column: (pack/cap) PACK Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
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	U
67-64-1-----	Acetone	10	U
75-15-0-----	Carbon Disulfide	5	U
75-35-4-----	1,1-Dichloroethene	5	U
75-34-3-----	1,1-Dichloroethane	5	U
540-59-0-----	1,2-Dichloroethene (total)	5	U
67-66-3-----	Chloroform	5	U
107-06-2-----	1,2-Dichloroethane	5	U
78-93-3-----	2-Butanone	10	U
71-55-6-----	1,1,1-Trichloroethane	5	U
56-23-5-----	Carbon Tetrachloride	5	U
108-05-4-----	Vinyl Acetate	10	U
75-27-4-----	Bromodichloromethane	5	U
78-87-5-----	1,2-Dichloropropane	5	U
10061-01-5-----	cis-1,3-dichloropropene	5	U
79-01-6-----	Trichloroethene	5	U
124-48-1-----	Dibromochloromethane	5	U
79-00-5-----	1,1,2-Trichloroethane	5	U
71-43-2-----	Benzene	5	U
10061-02-6-----	trans-1,3-dichloropropene	5	U
75-25-2-----	Bromoform	5	U
108-10-1-----	4-Methyl-2-Pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	5	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5	U
108-88-3-----	Toluene	5	U
108-90-7-----	Chlorobenzene	5	U
100-41-4-----	Ethylbenzene	5	U
100-42-5-----	Styrene	5	U
1330-20-7-----	Total Xylenes	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

OW203S

Lab Name: RECRA ENVIRON Contract: NY91-831RLab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101 ^{MS}Matrix: (soil/water) WATER Lab Sample ID: OW203SSample wt/vol: 5.0 (g/mL) ML Lab File ID: E3090Level: (low/med) LOW Date Received: 09/07/91Moisture: not dec. _____ Date Analyzed: 09/11/91Column (pack/cap) PACK Dilution Factor: 1.0Number TICs found: 0CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OW204D

Lab Name: RECRA ENVIRON Contract: NY91-831RLab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101 *D*Matrix: (soil/water) WATERLab Sample ID: OW204DSample wt/vol: 5.0 (g/mL) MLLab File ID: E3092Level: (low/med) LOWDate Received: 09/07/91

Moisture: not dec. _____

Date Analyzed: 09/11/91Column: (pack/cap) PACKDilution Factor: 1.0

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	U
67-64-1-----	Acetone	41	
75-15-0-----	Carbon Disulfide	5	U
75-35-4-----	1,1-Dichloroethene	5	U
75-34-3-----	1,1-Dichloroethane	5	U
540-59-0-----	1,2-Dichloroethene (total)	5	U
67-66-3-----	Chloroform	5	U
107-06-2-----	1,2-Dichloroethane	5	U
78-93-3-----	2-Butanone	10	U
71-55-6-----	1,1,1-Trichloroethane	5	U
56-23-5-----	Carbon Tetrachloride	5	U
108-05-4-----	Vinyl Acetate	10	U
75-27-4-----	Bromodichloromethane	5	U
78-87-5-----	1,2-Dichloropropane	5	U
10061-01-5-----	cis-1,3-dichloropropene	5	U
79-01-6-----	Trichloroethene	5	U
124-48-1-----	Dibromochloromethane	5	U
79-00-5-----	1,1,2-Trichloroethane	5	U
71-43-2-----	Benzene	5	U
10061-02-6-----	trans-1,3-dichloropropene	5	U
75-25-2-----	Bromoform	5	U
108-10-1-----	4-Methyl-2-Pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	5	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5	U
108-88-3-----	Toluene	5	U
108-90-7-----	Chlorobenzene	5	U
100-41-4-----	Ethylbenzene	5	U
100-42-5-----	Styrene	5	U
1330-20-7-----	Total Xylenes	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

OW204D

Lab Name: RECRA ENVIRON Contract: NY91-831RLab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101 *DS*Matrix: (soil/water) WATER Lab Sample ID: OW204DSample wt/vol: 5.0 (g/mL) ML Lab File ID: E3092Level: (low/med) LOW Date Received: 09/07/91Moisture: not dec. _____ Date Analyzed: 09/11/91Column (pack/cap) PACK Dilution Factor: 1.0Number TICs found: 1CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
	UNKNOWN HYDROCARBON	25.67	6	J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OW204S

Lab Name: RECRA ENVIRON Contract: NY91-831RLab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101 DMatrix: (soil/water) WATERLab Sample ID: OW204SSample wt/vol: 5.0 (g/mL) MLLab File ID: E3091Level: (low/med) LOWDate Received: 09/07/91

Moisture: not dec. _____

Date Analyzed: 09/11/91Column: (pack/cap) PACKDilution Factor: 1.0

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

74-87-3-----	Chloromethane	10	U
74-83-9-----	Bromomethane	10	U
75-01-4-----	Vinyl Chloride	10	U
75-00-3-----	Chloroethane	10	U
75-09-2-----	Methylene Chloride	5	U
67-64-1-----	Acetone	10	U
75-15-0-----	Carbon Disulfide	5	U
75-35-4-----	1,1-Dichloroethene	5	U
75-34-3-----	1,1-Dichloroethane	5	U
540-59-0-----	1,2-Dichloroethene (total)	5	U
67-66-3-----	Chloroform	5	U
107-06-2-----	1,2-Dichloroethane	5	U
78-93-3-----	2-Butanone	10	U
71-55-6-----	1,1,1-Trichloroethane	5	U
56-23-5-----	Carbon Tetrachloride	5	U
108-05-4-----	Vinyl Acetate	10	U
75-27-4-----	Bromodichloromethane	5	U
78-87-5-----	1,2-Dichloropropane	5	U
10061-01-5-----	cis-1,3-dichloropropene	5	U
79-01-6-----	Trichloroethene	5	U
124-48-1-----	Dibromochloromethane	5	U
79-00-5-----	1,1,2-Trichloroethane	5	U
71-43-2-----	Benzene	5	U
10061-02-6-----	trans-1,3-dichloropropene	5	U
75-25-2-----	Bromoform	5	U
108-10-1-----	4-Methyl-2-Pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	5	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5	U
108-88-3-----	Toluene	5	
108-90-7-----	Chlorobenzene	5	
100-41-4-----	Ethylbenzene	5	
100-42-5-----	Styrene	5	
1330-20-7-----	Total Xylenes	5	

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

40
EPA SAMPLE NO.

OW204S

Lab Name: RECRA ENVIRON

Contract: NY91-831R

Lab Code: RECNY

Case No.: 3608

SAS No.: _____

SDG No.: OW101:0 (4)

Matrix: (soil/water) WATER

Lab Sample ID: OW204S

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

Lab File ID: E3091

Level: (low/med) LOW

Date Received: 09/07/91

% Moisture: not dec. _____

Date Analyzed: 09/11/91

Column (pack/cap) PACK

Dilution Factor: 1.0

Number TICs found: 0

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

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 41

OW205

Lab Name: RECRA ENVIRON

Contract: NY91-831R

Lab Code: RECNY

Case No.: 3608

SAS No.: _____

SDG No.: OW101 ¹⁷⁸

Matrix: (soil/water) WATER

Lab Sample ID: OW205

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

Lab File ID: E3080

Level: (low/med) LOW

Date Received: 09/07/91

Moisture: not dec. _____

Date Analyzed: 09/10/91

Column: (pack/cap) PACK

Dilution Factor: 1.0

CAS NO.

COMPOUND

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

Q

74-87-3-----	Chloromethane	10	U
74-83-9-----	Bromomethane	10	U
75-01-4-----	Vinyl Chloride	10	U
75-00-3-----	Chloroethane	10	U
75-09-2-----	Methylene Chloride	5	U
67-64-1-----	Acetone	10	U
75-15-0-----	Carbon Disulfide	5	U
75-35-4-----	1,1-Dichloroethene	5	U
75-34-3-----	1,1-Dichloroethane	5	U
540-59-0-----	1,2-Dichloroethene (total)	5	U
67-66-3-----	Chloroform	1	J
107-06-2-----	1,2-Dichloroethane	5	U
78-93-3-----	2-Butanone	10	U
71-55-6-----	1,1,1-Trichloroethane	5	U
56-23-5-----	Carbon Tetrachloride	5	U
108-05-4-----	Vinyl Acetate	10	U
75-27-4-----	Bromodichloromethane	5	U
78-87-5-----	1,2-Dichloropropane	5	U
10061-01-5-----	cis-1,3-dichloropropene	5	U
79-01-6-----	Trichloroethene	5	U
124-48-1-----	Dibromochloromethane	5	U
79-00-5-----	1,1,2-Trichloroethane	5	U
71-43-2-----	Benzene	5	U
10061-02-6-----	trans-1,3-dichloropropene	5	U
75-25-2-----	Bromoform	5	U
108-10-1-----	4-Methyl-2-Pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	5	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5	U
108-88-3-----	Toluene	5	U
108-90-7-----	Chlorobenzene	5	U
100-41-4-----	Ethylbenzene	5	U
100-42-5-----	Styrene	5	U
1330-20-7-----	Total Xylenes	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

OW205

Lab Name: RECRA ENVIRON Contract: NY91-831RLab Code: RECNY Case No.: 3608 SAS No.: SDG No.: OW101 9Matrix: (soil/water) WATER Lab Sample ID: OW205Sample wt/vol: 5.0 (g/mL) ML Lab File ID: E3080Level: (low/med) LOW Date Received: 09/07/91% Moisture: not dec. Date Analyzed: 09/10/91Column (pack/cap) PACK Dilution Factor: 1.0Number TICs found: 0CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRIPBLANK

Lab Name: RECRA ENVIRON Contract: NY91-831RLab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101 (9)Matrix: (soil/water) WATERLab Sample ID: TRIPBLANKSample wt/vol: 5.0 (g/mL) MLLab File ID: D5162Level: (low/med) LOWDate Received: 09/07/91

Moisture: not dec. _____

Date Analyzed: 09/10/91Column: (pack/cap) PACKDilution Factor: 1.0

CAS NO.

COMPOUND

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

Q

74-87-3-----	Chloromethane	10	U
74-83-9-----	Bromomethane	10	U
75-01-4-----	Vinyl Chloride	10	U
75-00-3-----	Chloroethane	10	U
75-09-2-----	Methylene Chloride	0.8	J
67-64-1-----	Acetone	10	U
75-15-0-----	Carbon Disulfide	5	U
75-35-4-----	1,1-Dichloroethene	5	U
75-34-3-----	1,1-Dichloroethane	5	U
540-59-0-----	1,2-Dichloroethene (total)	5	U
67-66-3-----	Chloroform	5	U
107-06-2-----	1,2-Dichloroethane	5	U
78-93-3-----	2-Butanone	10	U
71-55-6-----	1,1,1-Trichloroethane	5	U
56-23-5-----	Carbon Tetrachloride	5	U
108-05-4-----	Vinyl Acetate	10	U
75-27-4-----	Bromodichloromethane	5	U
78-87-5-----	1,2-Dichloropropane	5	U
10061-01-5-----	cis-1,3-dichloropropene	5	U
79-01-6-----	Trichloroethene	0.4	BJ
124-48-1-----	Dibromochloromethane	5	U
79-00-5-----	1,1,2-Trichloroethane	5	U
71-43-2-----	Benzene	5	U
10061-02-6-----	trans-1,3-dichloropropene	5	U
75-25-2-----	Bromoform	5	U
108-10-1-----	4-Methyl-2-Pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	5	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5	U
108-88-3-----	Toluene	5	U
108-90-7-----	Chlorobenzene	5	U
100-41-4-----	Ethylbenzene	5	U
100-42-5-----	Styrene	5	U
1330-20-7-----	Total Xylenes	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TRIPBLANK

Lab Name: RECRA ENVIRON Contract: NY91-831RLab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101 *PD*Matrix: (soil/water) WATER Lab Sample ID: TRIPBLANKSample wt/vol: 5.0 (g/mL) ML Lab File ID: D5162Level: (low/med) LOW Date Received: 09/07/91Moisture: not dec. _____ Date Analyzed: 09/10/91Column (pack/cap) PACK Dilution Factor: 1.0Number TICs found: 0CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

45
EPA SAMPLE NO.

VHBLANK

Lab Name: RECRA ENVIRON Contract: NY91-831R

sb Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101D (S)

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

sample wt/vol: 5.0 (g/mL) ML Lab File ID: D5161

Level: (low/med) LOW Date Received: 09/07/91

Moisture: not dec. _____ Date Analyzed: 09/10/91

Column: (pack/cap) PACK Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	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	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-dichloropropene	5	U
79-01-6	Trichloroethene	0.5	BJ
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Total Xylenes	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VHBLANK

Lab Name: RECRA ENVIRONContract: NY91-831RLab Code: RECNYCase No.: 3608

SAS No.: _____

SDG No.: OW101 *WJ*Matrix: (soil/water) WATERLab Sample ID: VHBLANKSample wt/vol: 5.0 (g/mL) MLLab File ID: D5161Level: (low/med) LOWDate Received: 09/07/91

Moisture: not dec. _____

Date Analyzed: 09/10/91Column (pack/cap) PACKDilution Factor: 1.0Number TICS found: 0CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

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

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

47
EPA SAMPLE NO.

OWL0LD

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101D *W*

Matrix: (soil/water) WATER Lab Sample ID: OWL0LD

Sample wt/vol: 800 (g/mL) ML Lab File ID: 6275W

Level: (low/med) LOW Date Received: 09/07/91

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/11/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 09/24/91

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

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

CAS NO. COMPOUND Q

108-95-2-----	Phenol	12	U
111-44-4-----	bis(2-Chloroethyl) Ether	12	U
95-57-8-----	2-Chlorophenol	12	U
541-73-1-----	1,3-Dichlorobenzene	12	U
106-46-7-----	1,4-Dichlorobenzene	12	U
100-51-6-----	Benzyl Alcohol	12	U
95-50-1-----	1,2-Dichlorobenzene	12	U
95-48-7-----	2-Methylphenol	12	U
108-60-1-----	bis(2-Chloroisopropyl) Ether	12	U
106-44-5-----	4-Methylphenol	12	U
621-64-7-----	N-Nitroso-Di-n-Propylamine	12	U
67-72-1-----	Hexachloroethane	12	U
98-95-3-----	Nitrobenzene	12	U
78-59-1-----	Isophorone	12	U
88-75-5-----	2-Nitrophenol	12	U
105-67-9-----	2,4-Dimethylphenol	12	U
65-85-0-----	Benzoic Acid	62	U
111-91-1-----	bis(2-Chloroethoxy)Methane	12	U
120-83-2-----	2,4-Dichlorophenol	12	U
120-82-1-----	1,2,4-Trichlorobenzene	12	U
91-20-3-----	Naphthalene	12	U
106-47-8-----	4-Chloroaniline	12	U
87-68-3-----	Hexachlorobutadiene	12	U
59-50-7-----	4-Chloro-3-Methylphenol	12	U
91-57-6-----	2-Methylnaphthalene	12	U
77-47-4-----	Hexachlorocyclopentadiene	12	U
88-06-2-----	2,4,6-Trichlorophenol	12	U
95-95-4-----	2,4,5-Trichlorophenol	62	U
91-58-7-----	2-Chloronaphthalene	12	U
88-74-4-----	2-Nitroaniline	62	U
131-11-3-----	Dimethyl Phthalate	12	U
208-96-8-----	Acenaphthylene	12	U
606-20-2-----	2,6-Dinitrotoluene	12	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OW101D

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101D *m*

Matrix: (soil/water) WATER Lab Sample ID: OW101D

Sample wt/vol: 800 (g/mL) ML Lab File ID: 6275W

Level: (low/med) LOW Date Received: 09/07/91

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/11/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 09/24/91

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

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

99-09-2-----	3-Nitroaniline	62	U
83-32-9-----	Acenaphthene	12	U
51-28-5-----	2,4-Dinitrophenol	62	U
100-02-7-----	4-Nitrophenol	62	U
132-64-9-----	Dibenzofuran	12	U
121-14-2-----	2,4-Dinitrotoluene	12	U
84-66-2-----	Diethylphthalate	12	U
7005-72-3-----	4-Chlorophenyl-phenylether	12	U
86-73-7-----	Fluorene	12	U
100-01-6-----	4-Nitroaniline	62	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	62	U
86-30-6-----	N-Nitrosodiphenylamine (1)	12	U
101-55-3-----	4-Bromophenyl-phenylether	12	U
118-74-1-----	Hexachlorobenzene	12	U
87-86-5-----	Pentachlorophenol	62	U
85-01-8-----	Phenanthrene	12	U
120-12-7-----	Anthracene	12	U
84-74-2-----	Di-n-Butylphthalate	12	U
206-44-0-----	Fluoranthene	12	U
129-00-0-----	Pyrene	12	U
85-68-7-----	Butylbenzylphthalate	12	U
91-94-1-----	3,3'-Dichlorobenzidine	25	U
56-55-3-----	Benzo(a) Anthracene	12	U
218-01-9-----	Chrysene	12	U
117-81-7-----	Bis(2-Ethylhexyl)Phthalate	12	U
117-84-0-----	Di-n-Octyl Phthalate	12	U
205-99-2-----	Benzo(b) Fluoranthene	12	U
207-08-9-----	Benzo(k) Fluoranthene	12	U
50-32-8-----	Benzo(a) Pyrene	12	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	12	U
53-70-3-----	Dibenz(a,h)Anthracene	12	U
191-24-2-----	Benzo(g,h,i)Perylene	12	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

43

Lab Name: RECRA ENVIRONMENTAL, INC.	EPA Sample No.: OW101D
Lab Code: RECNY Case No: 3608 SAS No.:	Contract: NY91-831R
Matrix (Soil/Water): WATER	SDG No.: OW101D <i>MT 10/4/98</i>
Sample wt/vol: 800 (g/ml): ML	Lab Sample ID.: OW101D
Level (low/med): LOW	Lab File ID.: 6275W
% Moisture not Dec: Dec:	Date Received: 09/07/91
Extraction: (SepF/Cont/Sonc/Sox): SEPF	Date Extracted: 09/11/91
GPC Cleanup: (Y/N): N pH: 7.0	Date Analyzed: 09/24/91
Number TICs Found: 1	Dilution Factor: 1.0
	Concentration Units: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	UNKNOWN ACID	15.93	2000	J
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
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21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OW101S

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101D 03

Matrix: (soil/water) WATER Lab Sample ID: OW101S

Sample wt/vol: 800 (g/mL) ML Lab File ID: 6209W

Level: (low/med) LOW Date Received: 09/07/91

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/11/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 09/19/91

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

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

108-95-2	Phenol	12	U
111-44-4	bis(2-Chloroethyl) Ether	12	U
95-57-8	2-Chlorophenol	12	U
541-73-1	1,3-Dichlorobenzene	12	U
106-46-7	1,4-Dichlorobenzene	12	U
100-51-6	Benzyl Alcohol	12	U
95-50-1	1,2-Dichlorobenzene	12	U
95-48-7	2-Methylphenol	12	U
108-60-1	bis(2-Chloroisopropyl) Ether	12	U
106-44-5	4-Methylphenol	12	U
621-64-7	N-Nitroso-Di-n-Propylamine	12	U
67-72-1	Hexachloroethane	12	U
98-95-3	Nitrobenzene	12	U
78-59-1	Isophorone	12	U
88-75-5	2-Nitrophenol	12	U
105-67-9	2,4-Dimethylphenol	12	U
65-85-0	Benzoic Acid	62	U
111-91-1	bis(2-Chloroethoxy) Methane	12	U
120-83-2	2,4-Dichlorophenol	12	U
120-82-1	1,2,4-Trichlorobenzene	12	U
91-20-3	Naphthalene	12	U
106-47-8	4-Chloroaniline	12	U
87-68-3	Hexachlorobutadiene	12	U
59-50-7	4-Chloro-3-Methylphenol	12	U
91-57-6	2-Methylnaphthalene	12	U
77-47-4	Hexachlorocyclopentadiene	12	U
88-06-2	2,4,6-Trichlorophenol	12	U
95-95-4	2,4,5-Trichlorophenol	62	U
91-58-7	2-Chloronaphthalene	12	U
88-74-4	2-Nitroaniline	62	U
131-11-3	Dimethyl Phthalate	12	U
208-96-8	Acenaphthylene	12	U
606-20-2	2,6-Dinitrotoluene	12	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OW101S

Lab Name: RECRA ENVIRONContract: NY91-831RLab Code: RECNYCase No.: 3608

SAS No.: _____

SDG No.: OW101D ^{ns}Matrix: (soil/water) WATERLab Sample ID: OW101SSample wt/vol: 800 (g/mL) MLLab File ID: 6209WLevel: (low/med) LOWDate Received: 09/07/91

% Moisture: not dec. _____ dec. _____

Date Extracted: 09/11/91Extraction: (SepF/Cont/Sonc) SEPEDate Analyzed: 09/19/91GPC Cleanup: (Y/N) N pH: 7.0Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
99-09-2-----	3-Nitroaniline	62	U
83-32-9-----	Acenaphthene	12	U
51-28-5-----	2,4-Dinitrophenol	62	U
100-02-7-----	4-Nitrophenol	62	U
132-64-9-----	Dibenzofuran	12	U
121-14-2-----	2,4-Dinitrotoluene	12	U
84-66-2-----	Diethylphthalate	12	U
7005-72-3-----	4-Chlorophenyl-phenylether	12	U
86-73-7-----	Fluorene	12	U
100-01-6-----	4-Nitroaniline	62	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	62	U
86-30-6-----	N-Nitrosodiphenylamine (1)	12	U
101-55-3-----	4-Bromophenyl-phenylether	12	U
118-74-1-----	Hexachlorobenzene	12	U
87-86-5-----	Pentachlorophenol	62	U
85-01-8-----	Phenanthrene	12	U
120-12-7-----	Anthracene	12	U
84-74-2-----	Di-n-Butylphthalate	12	U
206-44-0-----	Fluoranthene	12	U
129-00-0-----	Pyrene	12	U
85-68-7-----	Butylbenzylphthalate	12	U
91-94-1-----	3,3'-Dichlorobenzidine	25	U
56-55-3-----	Benzo(a)Anthracene	12	U
218-01-9-----	Chrysene	12	U
117-81-7-----	Bis(2-Ethylhexyl)Phthalate	12	U
117-84-0-----	Di-n-Octyl Phthalate	12	U
205-99-2-----	Benzo(b)Fluoranthene	12	U
207-08-9-----	Benzo(k)Fluoranthene	12	U
50-32-8-----	Benzo(a)Pyrene	12	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	12	U
53-70-3-----	Dibenz(a,h)Anthracene	12	U
191-24-2-----	Benzo(g,h,i)Perylene	12	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA Sample No.: OW101S

Lab Name: RECRA ENVIRONMENTAL, INC.

Contract: NY91-831R

Lab Code: RECNY Case No: 3608 SAS No. :

SDG No.: OW101 *MTA 10/4/91*

Matrix (Soil/Water): WATER

Lab Sample ID.: OW101S

Sample wt/vol: 800 (g/ml): ML

Lab File ID.: 6209W

Level (low/med): LOW

Date Received: 09/07/91

% Moisture not Dec: Dec:

Date Extracted: 09/11/91

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

Date Analyzed: 09/19/91

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

Dilution Factor: 1.0

Number TICs Found: 1

Concentration Units:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	UNKNOWN ESTER	15.83	910	J
2				
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OW102D

Lab Name: RECRA ENVIRON Contract: NY91-831RLab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101D *ms*Matrix: (soil/water) WATER Lab Sample ID: OW102DSample wt/vol: 800 (g/mL) ML Lab File ID: 6215WLevel: (low/med) LOW Date Received: 09/07/91% Moisture: not dec. _____ dec. _____ Date Extracted: 09/11/91Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 09/19/91GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

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

CAS NO. COMPOUND Q

108-95-2	Phenol	12	U
111-44-4	bis(2-Chloroethyl)Ether	12	U
95-57-8	2-Chlorophenol	12	U
541-73-1	1,3-Dichlorobenzene	12	U
106-46-7	1,4-Dichlorobenzene	12	U
100-51-6	Benzyl Alcohol	12	U
95-50-1	1,2-Dichlorobenzene	12	U
95-48-7	2-Methylphenol	12	U
108-60-1	bis(2-Chloroisopropyl)Ether	12	U
106-44-5	4-Methylphenol	12	U
621-64-7	N-Nitroso-Di-n-Propylamine	12	U
67-72-1	Hexachloroethane	12	U
98-95-3	Nitrobenzene	12	U
78-59-1	Isophorone	12	U
88-75-5	2-Nitrophenol	12	U
105-67-9	2,4-Dimethylphenol	12	U
65-85-0	Benzoic Acid	62	U
111-91-1	bis(2-Chloroethoxy)Methane	12	U
120-83-2	2,4-Dichlorophenol	12	U
120-82-1	1,2,4-Trichlorobenzene	12	U
91-20-3	Naphthalene	12	U
106-47-8	4-Chloroaniline	12	U
87-68-3	Hexachlorobutadiene	12	U
59-50-7	4-Chloro-3-Methylphenol	12	U
91-57-6	2-Methylnaphthalene	12	U
77-47-4	Hexachlorocyclopentadiene	12	U
88-06-2	2,4,6-Trichlorophenol	12	U
95-95-4	2,4,5-Trichlorophenol	62	U
91-58-7	2-Chloronaphthalene	12	U
88-74-4	2-Nitroaniline	62	U
131-11-3	Dimethyl Phthalate	12	U
208-96-8	Acenaphthylene	12	U
606-20-2	2,6-Dinitrotoluene	12	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OW102D

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101D ¹⁰

Matrix: (soil/water) WATER Lab Sample ID: OW102D

Sample wt/vol: 800 (g/mL) ML Lab File ID: 6215W

Level: (low/med) LOW Date Received: 09/07/91

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/11/91

Extraction: (SepF/Cont/Sonc) SEPE Date Analyzed: 09/19/91

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
99-09-2-----	3-Nitroaniline	62	U
83-32-9-----	Acenaphthene	12	U
51-28-5-----	2,4-Dinitrophenol	62	U
100-02-7-----	4-Nitrophenol	62	U
132-64-9-----	Dibenzofuran	12	U
121-14-2-----	2,4-Dinitrotoluene	12	U
84-66-2-----	Diethylphthalate	12	U
7005-72-3-----	4-Chlorophenyl-phenylether	12	U
86-73-7-----	Fluorene	12	U
100-01-6-----	4-Nitroaniline	62	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	62	U
86-30-6-----	N-Nitrosodiphenylamine (1)	12	U
101-55-3-----	4-Bromophenyl-phenylether	12	U
118-74-1-----	Hexachlorobenzene	12	U
87-86-5-----	Pentachlorophenol	62	U
85-01-8-----	Phenanthrene	12	U
120-12-7-----	Anthracene	12	U
84-74-2-----	Di-n-Butylphthalate	12	U
206-44-0-----	Fluoranthene	12	U
129-00-0-----	Pyrene	12	U
85-68-7-----	Butylbenzylphthalate	12	U
91-94-1-----	3,3'-Dichlorobenzidine	25	U
56-55-3-----	Benzo(a)Anthracene	12	U
218-01-9-----	Chrysene	12	U
117-81-7-----	Bis(2-Ethylhexyl)Phthalate	12	U
117-84-0-----	Di-n-Octyl Phthalate	12	U
205-99-2-----	Benzo(b) Fluoranthene	12	U
207-08-9-----	Benzo(k) Fluoranthene	12	U
50-32-8-----	Benzo(a) Pyrene	12	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	12	U
53-70-3-----	Dibenz(a,h)Anthracene	12	U
191-24-2-----	Benzo(g,h,i)Perylene	12	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

55

Lab Name: RECRA ENVIRONMENTAL, INC.

EPA Sample No.: OW102D

Lab Code: RECNY Case No: 3608 SAS No.:

Contract: NY91-831R

Matrix (Soil/Water): WATER

SDG No.: OW101 *10/3/91*

Lab Sample ID.: OW102D

Sample wt/vol: 800 (g/ml): ML

Lab File ID.: 6215W

Level (low/med): LOW

Date Received: 09/07/91

% Moisture not Dec: Dec:

Date Extracted: 09/11/91

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

Date Analyzed: 09/19/91

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

Dilution Factor: 1.0

Number TICs Found: 0

Concentration Units:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1				
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OW102DRE

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101D *W*

Matrix: (soil/water) WATER Lab Sample ID: OW102DRE

Sample wt/vol: 800 (g/mL) ML Lab File ID: 6276W

Level: (low/med) LOW Date Received: 09/07/91

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/11/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 09/24/91

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
108-95-2-----	Phenol	12	U
111-44-4-----	bis(2-Chloroethyl) Ether	12	U
95-57-8-----	2-Chlorophenol	12	U
541-73-1-----	1,3-Dichlorobenzene	12	U
106-46-7-----	1,4-Dichlorobenzene	12	U
100-51-6-----	Benzyl Alcohol	12	U
95-50-1-----	1,2-Dichlorobenzene	12	U
95-48-7-----	2-Methylphenol	12	U
108-60-1-----	bis(2-Chloroisopropyl) Ether	12	U
106-44-5-----	4-Methylphenol	12	U
621-64-7-----	N-Nitroso-Di-n-Propylamine	12	U
67-72-1-----	Hexachloroethane	12	U
98-95-3-----	Nitrobenzene	12	U
78-59-1-----	Isophorone	12	U
88-75-5-----	2-Nitrophenol	12	U
105-67-9-----	2,4-Dimethylphenol	12	U
65-85-0-----	Benzoic Acid	62	U
111-91-1-----	bis(2-Chloroethoxy) Methane	12	U
120-83-2-----	2,4-Dichlorophenol	12	U
120-82-1-----	1,2,4-Trichlorobenzene	12	U
91-20-3-----	Naphthalene	12	U
106-47-8-----	4-Chloroaniline	12	U
87-68-3-----	Hexachlorobutadiene	12	U
59-50-7-----	4-Chloro-3-Methylphenol	12	U
91-57-6-----	2-Methylnaphthalene	12	U
77-47-4-----	Hexachlorocyclopentadiene	12	U
88-06-2-----	2,4,6-Trichlorophenol	12	U
95-95-4-----	2,4,5-Trichlorophenol	62	U
91-58-7-----	2-Chloronaphthalene	12	U
88-74-4-----	2-Nitroaniline	62	U
131-11-3-----	Dimethyl Phthalate	12	U
208-96-8-----	Acenaphthylene	12	U
606-20-2-----	2,6-Dinitrotoluene	12	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OW102DRE

Lab Name: RECRA ENVIRON Contract: NY91-831RLab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101D ^{MS}Matrix: (soil/water) WATER Lab Sample ID: OW102DRESample wt/vol: 800 (g/mL) ML Lab File ID: 6276WLevel: (low/med) LOW Date Received: 09/07/91% Moisture: not dec. _____ dec. _____ Date Extracted: 09/11/91Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 09/24/91GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
99-09-2-----	3-Nitroaniline	62	U
83-32-9-----	Acenaphthene	12	U
51-28-5-----	2,4-Dinitrophenol	62	U
100-02-7-----	4-Nitrophenol	62	U
132-64-9-----	Dibenzofuran	12	U
121-14-2-----	2,4-Dinitrotoluene	12	U
84-66-2-----	Diethylphthalate	12	U
7005-72-3-----	4-Chlorophenyl-phenylether	12	U
86-73-7-----	Fluorene	12	U
100-01-6-----	4-Nitroaniline	62	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	62	U
86-30-6-----	N-Nitrosodiphenylamine (1)	12	U
101-55-3-----	4-Bromophenyl-phenylether	12	U
118-74-1-----	Hexachlorobenzene	12	U
87-86-5-----	Pentachlorophenol	62	U
85-01-8-----	Phenanthrene	12	U
120-12-7-----	Anthracene	12	U
84-74-2-----	Di-n-Butylphthalate	12	U
206-44-0-----	Fluoranthene	12	U
129-00-0-----	Pyrene	12	U
85-68-7-----	Butylbenzylphthalate	12	U
91-94-1-----	3,3'-Dichlorobenzidine	25	U
56-55-3-----	Benzo(a)Anthracene	12	U
218-01-9-----	Chrysene	12	U
117-81-7-----	Bis(2-Ethylhexyl)Phthalate	12	U
117-84-0-----	Di-n-Octyl Phthalate	12	U
205-99-2-----	Benzo(b) Fluoranthene	12	U
207-08-9-----	Benzo(k) Fluoranthene	12	U
50-32-8-----	Benzo(a) Pyrene	12	U
193-39-5-----	Indeno(1,2,3-cd) Pyrene	12	U
53-70-3-----	Dibenz(a,h)Anthracene	12	U
191-24-2-----	Benzo(g,h,i)Perylene	12	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

58

Lab Name: RECRA ENVIRONMENTAL, INC.	EPA Sample No. : OW102DRE
Lab Code: RECNY Case No: 3608 SAS No.:	Contract: NY91-831R
Matrix (Soil/Water): WATER	SDG No.: OW101D <i>MTM 10/4/91</i>
Sample wt/vol: 800 (g/ml): ML	Lab Sample ID. : OW102DRE
Level (low/med): LOW	Lab File ID. : 6276W
% Moisture not Dec: Dec:	Date Received: 09/07/91
Extraction: (SepF/Cont/Sonc/Sox): SEPF	Date Extracted: 09/11/91
GPC Cleanup: (Y/N): N pH: 7.0	Date Analyzed: 09/24/91
Number TICs Found: 1	Dilution Factor: 1.0
	Concentration Units: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	FLUORANTHROPHENOL DERIVATIVE	12.68	11	J
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OW102S

Lab Name: RECRA ENVIRON Contract: NY91-831RLab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101 ^D _{ny} *Matrix: (soil/water) WATER Lab Sample ID: OW102SSample wt/vol: 800 (g/mL) ML Lab File ID: 6213WLevel: (low/med) LOW Date Received: 09/07/91% Moisture: not dec. _____ dec. _____ Date Extracted: 09/11/91Extraction: (SepF/Cont/Sonc) SEPE Date Analyzed: 09/19/91GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
108-95-2	Phenol	12	U
111-44-4	bis(2-Chloroethyl) Ether	12	U
95-57-8	2-Chlorophenol	12	U
541-73-1	1,3-Dichlorobenzene	12	U
106-46-7	1,4-Dichlorobenzene	12	U
100-51-6	Benzyl Alcohol	12	U
95-50-1	1,2-Dichlorobenzene	12	U
95-48-7	2-Methylphenol	12	U
108-60-1	bis(2-Chloroisopropyl) Ether	12	U
106-44-5	4-Methylphenol	12	U
621-64-7	N-Nitroso-Di-n-Propylamine	12	U
67-72-1	Hexachloroethane	12	U
98-95-3	Nitrobenzene	12	U
78-59-1	Isophorone	12	U
88-75-5	2-Nitrophenol	12	U
105-67-9	2,4-Dimethylphenol	12	U
65-85-0	Benzoic Acid	62	U
111-91-1	bis(2-Chloroethoxy) Methane	12	U
120-83-2	2,4-Dichlorophenol	12	U
120-82-1	1,2,4-Trichlorobenzene	12	U
91-20-3	Naphthalene	12	U
106-47-8	4-Chloroaniline	12	U
87-68-3	Hexachlorobutadiene	12	U
59-50-7	4-Chloro-3-Methylphenol	12	U
91-57-6	2-Methylnaphthalene	12	U
77-47-4	Hexachlorocyclopentadiene	12	U
88-06-2	2,4,6-Trichlorophenol	12	U
95-95-4	2,4,5-Trichlorophenol	62	U
91-58-7	2-Chloronaphthalene	12	U
88-74-4	2-Nitroaniline	62	U
131-11-3	Dimethyl Phthalate	12	U
208-96-8	Acenaphthylene	12	U
606-20-2	2,6-Dinitrotoluene	12	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OW102S

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101D *MS*

Matrix: (soil/water) WATER Lab Sample ID: OW102S

Sample wt/vol: 800 (g/mL) ML Lab File ID: 6213W

Level: (low/med) LOW Date Received: 09/07/91

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/11/91

Extraction: (SepF/Cont/Sonc) SEPE Date Analyzed: 09/19/91

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

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

99-09-2-----	3-Nitroaniline	62	U
83-32-9-----	Acenaphthene	12	U
51-28-5-----	2,4-Dinitrophenol	62	U
100-02-7-----	4-Nitrophenol	62	U
132-64-9-----	Dibenzofuran	12	U
121-14-2-----	2,4-Dinitrotoluene	12	U
84-66-2-----	Diethylphthalate	12	U
7005-72-3-----	4-Chlorophenyl-phenylether	12	U
86-73-7-----	Fluorene	12	U
100-01-6-----	4-Nitroaniline	62	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	62	U
86-30-6-----	N-Nitrosodiphenylamine (1)	12	U
101-55-3-----	4-Bromophenyl-phenylether	12	U
118-74-1-----	Hexachlorobenzene	12	U
87-86-5-----	Pentachlorophenol	62	U
85-01-8-----	Phenanthrene	12	U
120-12-7-----	Anthracene	12	U
84-74-2-----	Di-n-Butylphthalate	12	U
206-44-0-----	Fluoranthene	12	U
129-00-0-----	Pyrene	12	U
85-68-7-----	Butylbenzylphthalate	12	U
91-94-1-----	3,3'-Dichlorobenzidine	25	U
56-55-3-----	Benzo(a)Anthracene	12	U
218-01-9-----	Chrysene	12	U
117-81-7-----	Bis(2-Ethylhexyl)Phthalate	12	U
117-84-0-----	Di-n-Octyl Phthalate	12	U
205-99-2-----	Benzo(b)Fluoranthene	12	U
207-08-9-----	Benzo(k)Fluoranthene	12	U
50-32-8-----	Benzo(a)Pyrene		U
193-39-5-----	Indeno(1,2,3-cd)Pyrene		U
53-70-3-----	Dibenz(a,h)Anthracene		U
191-24-2-----	Benzo(g,h,i)Perylene		U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

61

Lab Name: RECRA ENVIRONMENTAL, INC.			EPA Sample No.: OW102S
Lab Code: RECNY Case No: 3608 SAS No.:			Contract: NY91-831R
Matrix (Soil/Water): WATER			SDG No.: OW101 <i>14/4/91</i>
Sample wt/vol: 800 (g/ml): ML			Lab Sample ID.: OW102S
Level (low/med): LOW			Lab File ID.: 6213W
% Moisture not Dec: Dec:			Date Received: 09/07/91
Extraction: (SepF/Cont/Sonc/Sox): SEPF			Date Extracted: 09/11/91
GPC Cleanup: (Y/N): N pH: 7.0			Date Analyzed: 09/19/91
Number TICs Found: 5			Dilution Factor: 1.0
			Concentration Units: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	UNKNOWN SILOXANE	34.53	31	J
2	UNKNOWN SILOXANE	35.73	63	J
3	UNKNOWN SILOXANE	37.00	69	J
4	UNKNOWN SILOXANE	38.48	49	J
5	UNKNOWN SILOXANE	40.30	25	-
6				
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8				
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OW103D

Lab Name: RECRA ENVIRON Contract: NY91-831RLab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101DMatrix: (soil/water) WATER Lab Sample ID: OW103DSample wt/vol: 800 (g/mL) ML Lab File ID: 6278WLevel: (low/med) LOW Date Received: 09/07/91% Moisture: not dec. _____ dec. _____ Date Extracted: 09/11/91Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 09/24/91GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

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

108-95-2-----Phenol	12	U
111-44-4-----bis(2-Chloroethyl) Ether	12	U
95-57-8-----2-Chlorophenol	12	U
541-73-1-----1,3-Dichlorobenzene	12	U
106-46-7-----1,4-Dichlorobenzene	12	U
100-51-6-----Benzyl Alcohol	12	U
95-50-1-----1,2-Dichlorobenzene	12	U
95-48-7-----2-Methylphenol	12	U
108-60-1-----bis(2-Chloroisopropyl) Ether	12	U
106-44-5-----4-Methylphenol	12	U
621-64-7-----N-Nitroso-Di-n-Propylamine	12	U
67-72-1-----Hexachloroethane	12	U
98-95-3-----Nitrobenzene	12	U
78-59-1-----Isophorone	12	U
88-75-5-----2-Nitrophenol	12	U
105-67-9-----2,4-Dimethylphenol	12	U
65-85-0-----Benzoic Acid	62	U
111-91-1-----bis(2-Chloroethoxy)Methane	12	U
120-83-2-----2,4-Dichlorophenol	12	U
120-82-1-----1,2,4-Trichlorobenzene	12	U
91-20-3-----Naphthalene	12	U
106-47-8-----4-Chloroaniline	12	U
87-68-3-----Hexachlorobutadiene	12	U
59-50-7-----4-Chloro-3-Methylphenol	12	U
91-57-6-----2-Methylnaphthalene	12	U
77-47-4-----Hexachlorocyclopentadiene	12	U
88-06-2-----2,4,6-Trichlorophenol	12	U
95-95-4-----2,4,5-Trichlorophenol	62	U
91-58-7-----2-Chloronaphthalene	12	U
88-74-4-----2-Nitroaniline	62	U
131-11-3-----Dimethyl Phthalate	12	U
208-96-8-----Acenaphthylene	12	U
606-20-2-----2,6-Dinitrotoluene	12	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OW103D

Lab Name: RECRA ENVIRON Contract: NY91-831RLab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101D *h0*Matrix: (soil/water) WATER Lab Sample ID: OW103DSample wt/vol: 800 (g/mL) ML Lab File ID: 6278WLevel: (low/med) LOW Date Received: 09/07/91% Moisture: not dec. _____ dec. _____ Date Extracted: 09/11/91Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 09/24/91GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

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

99-09-2-----	3-Nitroaniline	62	U
83-32-9-----	Acenaphthene	12	U
51-28-5-----	2,4-Dinitrophenol	62	U
100-02-7-----	4-Nitrophenol	62	U
132-64-9-----	Dibenzofuran	12	U
121-14-2-----	2,4-Dinitrotoluene	12	U
84-66-2-----	Diethylphthalate	12	U
7005-72-3-----	4-Chlorophenyl-phenylether	12	U
86-73-7-----	Fluorene	12	U
100-01-6-----	4-Nitroaniline	62	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	62	U
86-30-6-----	N-Nitrosodiphenylamine (1)	12	U
101-55-3-----	4-Bromophenyl-phenylether	12	U
118-74-1-----	Hexachlorobenzene	12	U
87-86-5-----	Pentachlorophenol	62	U
85-01-8-----	Phenanthrene	12	U
120-12-7-----	Anthracene	12	U
84-74-2-----	Di-n-Butylphthalate	12	U
206-44-0-----	Fluoranthene	12	U
129-00-0-----	Pyrene	12	U
85-68-7-----	Butylbenzylphthalate	12	U
91-94-1-----	3,3'-Dichlorobenzidine	25	U
56-55-3-----	Benzo(a)Anthracene	12	U
218-01-9-----	Chrysene	12	U
117-81-7-----	Bis(2-Ethylhexyl)Phthalate	12	U
117-84-0-----	Di-n-Octyl Phthalate	12	U
205-99-2-----	Benzo(b)Fluoranthene	12	U
207-08-9-----	Benzo(k)Fluoranthene	12	U
50-32-8-----	Benzo(a)Pyrene	12	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	12	U
53-70-3-----	Dibenz(a,h)Anthracene	12	U
191-24-2-----	Benzo(g,h,i)Perylene	12	U

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: RECRA ENVIRONMENTAL, INC.

Lab Code: RECNY Case No: 3608 SAS No.:

Matrix (Soil/Water): WATER

Sample wt/vol: 800 (g/ml): ML

Level (low/med): LOW

% Moisture not Dec: Dec:

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

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

Number TICs Found: 1

EPA Sample No.: OW103D

Contract: NY91-831R

SDG No.: OW101D *MT 10/4/91*

Lab Sample ID.: OW103D

Lab File ID.: 6278W

Date Received: 09/07/91

Date Extracted: 09/11/91

Date Analyzed: 09/24/91

Dilution Factor: 1.0

Concentration Units:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	UNKNOWN ACID	15.10	360	J
2				
3				
4				
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6				
7				
8				
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OW103S

Lab Name: RECRA ENVIRON Contract: NY91-831RLab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101 *W*Matrix: (soil/water) WATER Lab Sample ID: OW103SSample wt/vol: 800 (g/mL) ML Lab File ID: 6277WLevel: (low/med) LOW Date Received: 09/07/91% Moisture: not dec. _____ dec. _____ Date Extracted: 09/11/91Extraction: (SepF/Cont/Sonc) SEPE Date Analyzed: 09/24/91GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
108-95-2-----	Phenol	12	U
111-44-4-----	bis(2-Chloroethyl) Ether	12	U
95-57-8-----	2-Chlorophenol	12	U
541-73-1-----	1,3-Dichlorobenzene	12	U
106-46-7-----	1,4-Dichlorobenzene	12	U
100-51-6-----	Benzyl Alcohol	12	U
95-50-1-----	1,2-Dichlorobenzene	12	U
95-48-7-----	2-Methylphenol	12	U
108-60-1-----	bis(2-Chloroisopropyl) Ether	12	U
106-44-5-----	4-Methylphenol	12	U
621-64-7-----	N-Nitroso-Di-n-Propylamine	12	U
67-72-1-----	Hexachloroethane	12	U
98-95-3-----	Nitrobenzene	12	U
78-59-1-----	Isophorone	12	U
88-75-5-----	2-Nitrophenol	12	U
105-67-9-----	2,4-Dimethylphenol	12	U
65-85-0-----	Benzoic Acid	62	U
111-91-1-----	bis(2-Chloroethoxy) Methane	12	U
120-83-2-----	2,4-Dichlorophenol	12	U
120-82-1-----	1,2,4-Trichlorobenzene	12	U
91-20-3-----	Naphthalene	12	U
106-47-8-----	4-Chloroaniline	12	U
87-68-3-----	Hexachlorobutadiene	12	U
59-50-7-----	4-Chloro-3-Methylphenol	12	U
91-57-6-----	2-Methylnaphthalene	12	U
77-47-4-----	Hexachlorocyclopentadiene	12	U
88-06-2-----	2,4,6-Trichlorophenol	12	U
95-95-4-----	2,4,5-Trichlorophenol	62	U
91-58-7-----	2-Chloronaphthalene	12	U
88-74-4-----	2-Nitroaniline	62	U
131-11-3-----	Dimethyl Phthalate	12	U
208-96-8-----	Acenaphthylene	12	U
606-20-2-----	2,6-Dinitrotoluene	12	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OW103S

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101P

Matrix: (soil/water) WATER Lab Sample ID: OW103S

Sample wt/vol: 800 (g/mL) ML Lab File ID: 6277W

Level: (low/med) LOW Date Received: 09/07/91

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/11/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 09/24/91

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
99-09-2-----	3-Nitroaniline	62	U
83-32-9-----	Acenaphthene	12	U
51-28-5-----	2,4-Dinitrophenol	62	U
100-02-7-----	4-Nitrophenol	62	U
132-64-9-----	Dibenzofuran	12	U
121-14-2-----	2,4-Dinitrotoluene	12	U
84-66-2-----	Diethylphthalate	12	U
7005-72-3-----	4-Chlorophenyl-phenylether	12	U
86-73-7-----	Fluorene	12	U
100-01-6-----	4-Nitroaniline	62	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	62	U
86-30-6-----	N-Nitrosodiphenylamine (1)	12	U
101-55-3-----	4-Bromophenyl-phenylether	12	U
118-74-1-----	Hexachlorobenzene	12	U
87-86-5-----	Pentachlorophenol	62	U
85-01-8-----	Phenanthrene	12	U
120-12-7-----	Anthracene	12	U
84-74-2-----	Di-n-Butylphthalate	12	U
206-44-0-----	Fluoranthene	12	U
129-00-0-----	Pyrene	12	U
85-68-7-----	Butylbenzylphthalate	12	U
91-94-1-----	3,3'-Dichlorobenzidine	25	U
56-55-3-----	Benzo(a)Anthracene	12	U
218-01-9-----	Chrysene	12	U
117-81-7-----	Bis(2-Ethylhexyl)Phthalate	12	U
117-84-0-----	Di-n-Octyl Phthalate	12	U
205-99-2-----	Benzo(b)Fluoranthene	12	U
207-08-9-----	Benzo(k)Fluoranthene	12	U
50-32-8-----	Benzo(a)Pyrene	12	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	12	U
53-70-3-----	Dibenz(a,h)Anthracene	12	U
191-24-2-----	Benzo(g,h,i)Perylene	12	U

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: RECRA ENVIRONMENTAL, INC.

EPA Sample No.: OW103S

Lab Code: RECNY Case No: 3608 SAS No.:

Contract: NY91-831R

SDG No.: OW101.D *NTM 10/4/91*

Matrix (Soil/Water): WATER

Lab Sample ID.: OW103S

Sample wt/vol: 800 (g/ml): ML

Lab File ID.: 6277W

Level (low/med): LOW

Date Received: 09/07/91

% Moisture not Dec: Dec:

Date Extracted: 09/11/91

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

Date Analyzed: 09/24/91

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

Dilution Factor: 1.0

Number TICs Found: 1

Concentration Units:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	UNKNOWN ACID	15.05	220	J
2				
3				
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OW104D

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101P *MS*

Matrix: (soil/water) WATER Lab Sample ID: OW104D

Sample wt/vol: 900 (g/mL) ML Lab File ID: 6280W

Level: (low/med) LOW Date Received: 09/07/91

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/11/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 09/25/91

GPC cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
108-95-2	Phenol	11	U
111-44-4	bis(2-Chloroethyl) Ether	11	U
95-57-8	2-Chlorophenol	11	U
541-73-1	1,3-Dichlorobenzene	11	U
106-46-7	1,4-Dichlorobenzene	11	U
100-51-6	Benzyl Alcohol	11	U
95-50-1	1,2-Dichlorobenzene	11	U
95-48-7	2-Methylphenol	11	U
108-60-1	bis(2-Chloroisopropyl) Ether	11	U
106-44-5	4-Methylphenol	11	U
621-64-7	N-Nitroso-Di-n-Propylamine	11	U
67-72-1	Hexachloroethane	11	U
98-95-3	Nitrobenzene	11	U
78-59-1	Isophorone	11	U
88-75-5	2-Nitrophenol	11	U
105-67-9	2,4-Dimethylphenol	11	U
65-85-0	Benzoic Acid	56	U
111-91-1	bis(2-Chloroethoxy) Methane	11	U
120-83-2	2,4-Dichlorophenol	11	U
120-82-1	1,2,4-Trichlorobenzene	11	U
91-20-3	Naphthalene	11	U
106-47-8	4-Chloroaniline	11	U
87-68-3	Hexachlorobutadiene	11	U
59-50-7	4-Chloro-3-Methylphenol	11	U
91-57-6	2-Methylnaphthalene	11	U
77-47-4	Hexachlorocyclopentadiene	11	U
88-06-2	2,4,6-Trichlorophenol	11	U
95-95-4	2,4,5-Trichlorophenol	56	U
91-58-7	2-Chloronaphthalene	11	U
88-74-4	2-Nitroaniline	56	U
131-11-3	Dimethyl Phthalate	11	U
208-96-8	Acenaphthylene	11	U
606-20-2	2,6-Dinitrotoluene	11	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OW104D

Lab Name: RECRA ENVIRON Contract: NY91-831RLab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101DMatrix: (soil/water) WATER Lab Sample ID: OW104DSample wt/vol: 900 (g/mL) ML Lab File ID: 6280WLevel: (low/med) LOW Date Received: 09/07/91% Moisture: not dec. _____ dec. _____ Date Extracted: 09/11/91Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 09/25/91GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
99-09-2-----	3-Nitroaniline	56	U
83-32-9-----	Acenaphthene	11	U
51-28-5-----	2,4-Dinitrophenol	56	U
100-02-7-----	4-Nitrophenol	56	U
132-64-9-----	Dibenzofuran	11	U
121-14-2-----	2,4-Dinitrotoluene	11	U
84-66-2-----	Diethylphthalate	11	U
7005-72-3-----	4-Chlorophenyl-phenylether	11	U
86-73-7-----	Fluorene	11	U
100-01-6-----	4-Nitroaniline	56	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	56	U
86-30-6-----	N-Nitrosodiphenylamine (1)	11	U
101-55-3-----	4-Bromophenyl-phenylether	11	U
118-74-1-----	Hexachlorobenzene	11	U
87-86-5-----	Pentachlorophenol	56	U
85-01-8-----	Phenanthrene	11	U
120-12-7-----	Anthracene	11	U
84-74-2-----	Di-n-Butylphthalate	11	U
206-44-0-----	Fluoranthene	11	U
129-00-0-----	Pyrene	11	U
85-68-7-----	Butylbenzylphthalate	11	U
91-94-1-----	3,3'-Dichlorobenzidine	22	U
56-55-3-----	Benzo(a)Anthracene	11	U
218-01-9-----	Chrysene	11	U
117-81-7-----	Bis(2-Ethylhexyl) Phthalate	11	U
117-84-0-----	Di-n-Octyl Phthalate	11	U
205-99-2-----	Benzo(b) Fluoranthene	11	U
207-08-9-----	Benzo(k) Fluoranthene	11	U
50-32-8-----	Benzo(a) Pyrene	11	
193-39-5-----	Indeno(1,2,3-cd) Pyrene	11	
53-70-3-----	Dibenz(a,h) Anthracene	11	
191-24-2-----	Benzo(g,h,i) Perylene	11	

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: RECRA ENVIRONMENTAL, INC.

Lab Code: RECNY Case No: 3608 SAS No.:

Matrix (Soil/Water): WATER

Sample wt/vol: 900 (g/ml): ML

Level (low/med): LOW

% Moisture not Dec: Dec:

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

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

Number TICs Found: 0

EPA Sample No.: OW104D

Contract: NY91-831R

SDG No.: OW101.D *MT/10/3/91*

Lab Sample ID.: OW104D

Lab File ID.: 6280W

Date Received: 09/07/91

Date Extracted: 09/11/91

Date Analyzed: 09/25/91

Dilution Factor: 1.00

Concentration Units:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1				
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OW104S

Lab Name: RECRA ENVIRON Contract: NY91-831RLab Code: RECNY Case No.: 3608 SAS No.: SDG No.: OW101D *me*Matrix: (soil/water) WATER Lab Sample ID: OW104SSample wt/vol: 850 (g/mL) ML Lab File ID: 6279WLevel: (low/med) LOW Date Received: 09/07/91% Moisture: not dec. dec. Date Extracted: 09/11/91Extraction: (SepF/Cont/Sonc) SEPE Date Analyzed: 09/24/91GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
108-95-2-----	Phenol	12	U
111-44-4-----	bis(2-Chloroethyl)Ether	12	U
95-57-8-----	2-Chlorophenol	12	U
541-73-1-----	1,3-Dichlorobenzene	12	U
106-46-7-----	1,4-Dichlorobenzene	12	U
100-51-6-----	Benzyl Alcohol	12	U
95-50-1-----	1,2-Dichlorobenzene	12	U
95-48-7-----	2-Methylphenol	12	U
108-60-1-----	bis(2-Chloroisopropyl) Ether	12	U
106-44-5-----	4-Methylphenol	12	U
621-64-7-----	N-Nitroso-Di-n-Propylamine	12	U
67-72-1-----	Hexachloroethane	12	U
98-95-3-----	Nitrobenzene	12	U
78-59-1-----	Isophorone	12	U
88-75-5-----	2-Nitrophenol	12	U
105-67-9-----	2,4-Dimethylphenol	12	U
65-85-0-----	Benzoic Acid	59	U
111-91-1-----	bis(2-Chloroethoxy)Methane	12	U
120-83-2-----	2,4-Dichlorophenol	12	U
120-82-1-----	1,2,4-Trichlorobenzene	12	U
91-20-3-----	Naphthalene	12	U
106-47-8-----	4-Chloroaniline	12	U
87-68-3-----	Hexachlorobutadiene	12	U
59-50-7-----	4-Chloro-3-Methylphenol	12	U
91-57-6-----	2-Methylnaphthalene	12	U
77-47-4-----	Hexachlorocyclopentadiene	12	U
88-06-2-----	2,4,6-Trichlorophenol	12	U
95-95-4-----	2,4,5-Trichlorophenol	59	U
91-58-7-----	2-Chloronaphthalene	12	U
88-74-4-----	2-Nitroaniline	59	U
131-11-3-----	Dimethyl Phthalate	12	U
208-96-8-----	Acenaphthylene	12	U
606-20-2-----	2,6-Dinitrotoluene	12	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OW104S

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101 *W*

Matrix: (soil/water) WATER Lab Sample ID: OW104S

Sample wt/vol: 850 (g/mL) ML Lab File ID: 6279W

Level: (low/med) LOW Date Received: 09/07/91

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/11/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 09/24/91

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>UG/L</u>	Q
---------	----------	-----------------------------	---

99-09-2-----	3-Nitroaniline	59	U
83-32-9-----	Acenaphthene	12	U
51-28-5-----	2,4-Dinitrophenol	59	U
100-02-7-----	4-Nitrophenol	59	U
132-64-9-----	Dibenzofuran	12	U
121-14-2-----	2,4-Dinitrotoluene	12	U
84-66-2-----	Diethylphthalate	12	U
7005-72-3-----	4-Chlorophenyl-phenylether	12	U
86-73-7-----	Fluorene	12	U
100-01-6-----	4-Nitroaniline	59	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	59	U
86-30-6-----	N-Nitrosodiphenylamine (1)	12	U
101-55-3-----	4-Bromophenyl-phenylether	12	U
118-74-1-----	Hexachlorobenzene	12	U
87-86-5-----	Pentachlorophenol	59	U
85-01-8-----	Phenanthrene	12	U
120-12-7-----	Anthracene	12	U
84-74-2-----	Di-n-Butylphthalate	12	U
206-44-0-----	Fluoranthene	12	U
129-00-0-----	Pyrene	12	U
85-68-7-----	Butylbenzylphthalate	12	U
91-94-1-----	3,3'-Dichlorobenzidine	24	U
56-55-3-----	Benzo(a)Anthracene	12	U
218-01-9-----	Chrysene	12	U
117-81-7-----	Bis(2-Ethylhexyl)Phthalate	12	U
117-84-0-----	Di-n-Octyl Phthalate	12	U
205-99-2-----	Benzo(b)Fluoranthene	12	U
207-08-9-----	Benzo(k)Fluoranthene	12	U
50-32-8-----	Benzo(a)Pyrene	12	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	12	U
53-70-3-----	Dibenz(a,h)Anthracene	12	U
191-24-2-----	Benzo(g,h,i)Perylene	12	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: RECRA ENVIRONMENTAL, INC.

Lab Code: RECNY Case No: 3608 SAS No.:

Matrix (Soil/Water): WATER

Sample wt/vol: 850 (g/ml): ML

Level (low/med): LOW

% Moisture not Dec: Dec:

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

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

Number TICs Found: 0

EPA Sample No.: OW104S

Contract: NY91-831R

SDG No.: OW101 *MTN 10/3/91*

Lab Sample ID.: OW104S

Lab File ID.: 6279W

Date Received: 09/07/91

Date Extracted: 09/11/91

Date Analyzed: 09/24/91

Dilution Factor: 1.0

Concentration Units:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OW105D

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101D ↗

Matrix: (soil/water) WATER Lab Sample ID: OW105D

Sample wt/vol: 900 (g/mL) ML Lab File ID: 6332W

Level: (low/med) LOW Date Received: 09/07/91

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/11/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 09/27/91

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.00

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

108-95-2-----	Phenol	11	U
111-44-4-----	bis(2-Chloroethyl) Ether	11	U
95-57-8-----	2-Chlorophenol	11	U
541-73-1-----	1,3-Dichlorobenzene	11	U
106-46-7-----	1,4-Dichlorobenzene	11	U
100-51-6-----	Benzyl Alcohol	11	U
95-50-1-----	1,2-Dichlorobenzene	11	U
95-48-7-----	2-Methylphenol	11	U
108-60-1-----	bis(2-Chloroisopropyl) Ether	11	U
106-44-5-----	4-Methylphenol	11	U
621-64-7-----	N-Nitroso-Di-n-Propylamine	11	U
67-72-1-----	Hexachloroethane	11	U
98-95-3-----	Nitrobenzene	11	U
78-59-1-----	Isophorone	11	U
88-75-5-----	2-Nitrophenol	11	U
105-67-9-----	2,4-Dimethylphenol	11	U
65-85-0-----	Benzoic Acid	56	U
111-91-1-----	bis(2-Chloroethoxy) Methane	11	U
120-83-2-----	2,4-Dichlorophenol	11	U
120-82-1-----	1,2,4-Trichlorobenzene	11	U
91-20-3-----	Naphthalene	11	U
106-47-8-----	4-Chloroaniline	11	U
87-68-3-----	Hexachlorobutadiene	11	U
59-50-7-----	4-Chloro-3-Methylphenol	11	U
91-57-6-----	2-Methylnaphthalene	11	U
77-47-4-----	Hexachlorocyclopentadiene	11	U
88-06-2-----	2,4,6-Trichlorophenol	11	U
95-95-4-----	2,4,5-Trichlorophenol	56	U
91-58-7-----	2-Chloronaphthalene	11	U
88-74-4-----	2-Nitroaniline	56	U
131-11-3-----	Dimethyl Phthalate	11	U
208-96-8-----	Acenaphthylene	11	U
606-20-2-----	2,6-Dinitrotoluene	11	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OW105D

Lab Name: RECRA ENVIRONContract: NY91-831RLab code: RECNYCase No.: 3608

SAS No.: _____

SDG No.: OW101D ^{N)}Matrix: (soil/water) WATERLab Sample ID: OW105DSample wt/vol: 900 (g/mL) MLLab File ID: 6332WLevel: (low/med) LOWDate Received: 09/07/91

% Moisture: not dec. _____ dec. _____

Date Extracted: 09/11/91Extraction: (SepF/Cont/Sonc) SEPFDate Analyzed: 09/27/91GPC Cleanup: (Y/N) N pH: 7.0Dilution Factor: 1.00

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

99-09-2-----	3-Nitroaniline	56	U
83-32-9-----	Acenaphthene	11	U
51-28-5-----	2,4-Dinitrophenol	56	U
100-02-7-----	4-Nitrophenol	56	U
132-64-9-----	Dibenzofuran	11	U
121-14-2-----	2,4-Dinitrotoluene	11	U
84-66-2-----	Diethylphthalate	11	U
7005-72-3-----	4-Chlorophenyl-phenylether	11	U
86-73-7-----	Fluorene	11	U
100-01-6-----	4-Nitroaniline	56	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	56	U
86-30-6-----	N-Nitrosodiphenylamine (1)	11	U
101-55-3-----	4-Bromophenyl-phenylether	11	U
118-74-1-----	Hexachlorobenzene	11	U
87-86-5-----	Pentachlorophenol	56	U
85-01-8-----	Phenanthrene	11	U
120-12-7-----	Anthracene	11	U
84-74-2-----	Di-n-Butylphthalate	11	U
206-44-0-----	Fluoranthene	11	U
129-00-0-----	Pyrene	11	U
85-68-7-----	Butylbenzylphthalate	11	U
91-94-1-----	3,3'-Dichlorobenzidine	22	U
56-55-3-----	Benzo(a)Anthracene	11	U
218-01-9-----	Chrysene	11	U
117-81-7-----	Bis(2-Ethylhexyl)Phthalate	11	U
117-84-0-----	Di-n-Octyl Phthalate	11	U
205-99-2-----	Benzo(b)Fluoranthene	11	U
207-08-9-----	Benzo(k)Fluoranthene	11	U
50-32-8-----	Benzo(a)Pyrene	11	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	11	U
53-70-3-----	Dibenz(a,h)Anthracene	11	U
191-24-2-----	Benzo(g,h,i)Perylene	11	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

70

Lab Name: RECRA ENVIRONMENTAL, INC.	EPA Sample No.: OW105D
Lab Code: RECNY Case No: 3608 SAS No.:	Contract: NY91-831R
Matrix (Soil/Water): WATER	SDG No.: OW101 D <i>MTM 10/4/91</i>
Sample wt/vol: 900 (g/ml): ML	Lab Sample ID.: OW105D
Level (low/med): LOW	Lab File ID.: 6332W
% Moisture not Dec: Dec:	Date Received: 09/07/91
Extraction: (SepF/Cont/Sonc/Sox): SEPF	Date Extracted: 09/11/91
GPC Cleanup: (Y/N): N pH: 7.0	Date Analyzed: 09/27/91
Number TICs Found: 1	Dilution Factor: 1.00
	Concentration Units: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	UNKNOWN ACID	15.50	140	J
2				
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OW105S

Lab Name: RECRA ENVIRON Contract: NY91-831RLab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101D ^{W3}Matrix: (soil/water) WATER Lab Sample ID: OW105SSample wt/vol: 900 (g/mL) ML Lab File ID: 6281WLevel: (low/med) LOW Date Received: 09/07/91% Moisture: not dec. _____ dec. _____ Date Extracted: 09/11/91Extraction: (SepF/Cont/Sonc) SEPE Date Analyzed: 09/25/91GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
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108-95-2-----	Phenol	11	U
111-44-4-----	bis(2-Chloroethyl) Ether	11	U
95-57-8-----	2-Chlorophenol	11	U
541-73-1-----	1,3-Dichlorobenzene	11	U
106-46-7-----	1,4-Dichlorobenzene	11	U
100-51-6-----	Benzyl Alcohol	11	U
95-50-1-----	1,2-Dichlorobenzene	11	U
95-48-7-----	2-Methylphenol	11	U
108-60-1-----	bis(2-Chloroisopropyl) Ether	11	U
106-44-5-----	4-Methylphenol	11	U
621-64-7-----	N-Nitroso-Di-n-Propylamine	11	U
67-72-1-----	Hexachloroethane	11	U
98-95-3-----	Nitrobenzene	11	U
78-59-1-----	Isophorone	11	U
88-75-5-----	2-Nitrophenol	11	U
105-67-9-----	2,4-Dimethylphenol	11	U
65-85-0-----	Benzoic Acid	56	U
111-91-1-----	bis(2-Chloroethoxy) Methane	11	U
120-83-2-----	2,4-Dichlorophenol	11	U
120-82-1-----	1,2,4-Trichlorobenzene	11	U
91-20-3-----	Naphthalene	11	U
106-47-8-----	4-Chloroaniline	11	U
87-68-3-----	Hexachlorobutadiene	11	U
59-50-7-----	4-Chloro-3-Methylphenol	11	U
91-57-6-----	2-Methylnaphthalene	11	U
77-47-4-----	Hexachlorocyclopentadiene	11	U
88-06-2-----	2,4,6-Trichlorophenol	11	U
95-95-4-----	2,4,5-Trichlorophenol	56	U
91-58-7-----	2-Chloronaphthalene	11	U
88-74-4-----	2-Nitroaniline	56	U
131-11-3-----	Dimethyl Phthalate	11	U
208-96-8-----	Acenaphthylene	11	U
606-20-2-----	2,6-Dinitrotoluene	11	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OW105S

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101 *NS*

Matrix: (soil/water) WATER Lab Sample ID: OW105S

Sample wt/vol: 900 (g/mL) ML Lab File ID: 6281W

Level: (low/med) LOW Date Received: 09/07/91

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/11/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 09/25/91

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) <u>UG/L</u>	Q
99-09-2-----	3-Nitroaniline	56	U
83-32-9-----	Acenaphthene	11	U
51-28-5-----	2,4-Dinitrophenol	56	U
100-02-7-----	4-Nitrophenol	56	U
132-64-9-----	Dibenzofuran	11	U
121-14-2-----	2,4-Dinitrotoluene	11	U
84-66-2-----	Diethylphthalate	11	U
7005-72-3-----	4-Chlorophenyl-phenylether	11	U
86-73-7-----	Fluorene	11	U
100-01-6-----	4-Nitroaniline	56	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	56	U
86-30-6-----	N-Nitrosodiphenylamine (1)	11	U
101-55-3-----	4-Bromophenyl-phenylether	11	U
118-74-1-----	Hexachlorobenzene	11	U
87-86-5-----	Pentachlorophenol	56	U
85-01-8-----	Phenanthrene	11	U
120-12-7-----	Anthracene	11	U
84-74-2-----	Di-n-Butylphthalate	11	U
206-44-0-----	Fluoranthene	11	U
129-00-0-----	Pyrene	11	U
85-68-7-----	Butylbenzylphthalate	11	U
91-94-1-----	3,3'-Dichlorobenzidine	22	U
56-55-3-----	Benzo(a)Anthracene	11	U
218-01-9-----	Chrysene	11	U
117-81-7-----	Bis(2-Ethylhexyl)Phthalate	11	U
117-84-0-----	Di-n-Octyl Phthalate	11	U
205-99-2-----	Benzo(b)Fluoranthene	11	U
207-08-9-----	Benzo(k)Fluoranthene	11	U
50-32-8-----	Benzo(a)Pyrene	11	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	11	U
53-70-3-----	Dibenz(a,h)Anthracene	11	U
191-24-2-----	Benzo(g,h,i)Perylene	11	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: RECRA ENVIRONMENTAL, INC.

Lab Code: RECNY Case No: 3608 SAS No.:

Matrix (Soil/Water): WATER

Sample wt/vol: 900 (g/ml): ML

Level (low/med): LOW

% Moisture not Dec: Dec:

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

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

Number TICs Found: 5

EPA Sample No.: OW105S

Contract: NY91-831R

SDG No.: OW101D *mm 10/4/91*

Lab Sample ID.: OW105S

Lab File ID.: 6281W

Date Received: 09/07/91

Date Extracted: 09/11/91

Date Analyzed: 09/25/91

Dilution Factor: 1.00

Concentration Units:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	UNKNOWN ACID	15.17	400	J
2	UNKNOWN SILOXANE	35.40	10	J
3	UNKNOWN SILOXANE	36.62	26	J
4	UNKNOWN SILOXANE	38.02	34	J
5	UNKNOWN SILOXANE	39.72	28	J
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OW106D

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101 ☒

Matrix: (soil/water) WATER Lab Sample ID: OW106D

Sample wt/vol: 800 (g/mL) ML Lab File ID: 6291W

Level: (low/med) LOW Date Received: 09/07/91

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/11/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 09/25/91

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

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

108-95-2-----	Phenol	12	U
111-44-4-----	bis(2-Chloroethyl) Ether	12	U
95-57-8-----	2-Chlorophenol	12	U
541-73-1-----	1,3-Dichlorobenzene	12	U
106-46-7-----	1,4-Dichlorobenzene	12	U
100-51-6-----	Benzyl Alcohol	12	U
95-50-1-----	1,2-Dichlorobenzene	12	U
95-48-7-----	2-Methylphenol	12	U
108-60-1-----	bis(2-Chloroisopropyl) Ether	12	U
106-44-5-----	4-Methylphenol	12	U
621-64-7-----	N-Nitroso-Di-n-Propylamine	12	U
67-72-1-----	Hexachloroethane	12	U
98-95-3-----	Nitrobenzene	12	U
78-59-1-----	Isophorone	12	U
88-75-5-----	2-Nitrophenol	12	U
105-67-9-----	2,4-Dimethylphenol	12	U
65-85-0-----	Benzoic Acid	62	U
111-91-1-----	bis(2-Chloroethoxy) Methane	12	U
120-83-2-----	2,4-Dichlorophenol	12	U
120-82-1-----	1,2,4-Trichlorobenzene	12	U
91-20-3-----	Naphthalene	12	U
106-47-8-----	4-Chloroaniline	12	U
87-68-3-----	Hexachlorobutadiene	12	U
59-50-7-----	4-Chloro-3-Methylphenol	12	U
91-57-6-----	2-Methylnaphthalene	12	U
77-47-4-----	Hexachlorocyclopentadiene	12	U
88-06-2-----	2,4,6-Trichlorophenol	12	U
95-95-4-----	2,4,5-Trichlorophenol	62	U
91-58-7-----	2-Chloronaphthalene	12	U
88-74-4-----	2-Nitroaniline	62	U
131-11-3-----	Dimethyl Phthalate	12	U
208-96-8-----	Acenaphthylene	12	U
606-20-2-----	2,6-Dinitrotoluene	12	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OW106D

Lab Name: RECRA ENVIRON Contract: NY91-831RLab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101DMatrix: (soil/water) WATER Lab Sample ID: OW106DSample wt/vol: 800 (g/mL) ML Lab File ID: 6291WLevel: (low/med) LOW Date Received: 09/07/91% Moisture: not dec. _____ dec. _____ Date Extracted: 09/11/91Extraction: (SepF/Cont/Sonc) SEPE Date Analyzed: 09/25/91GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
99-09-2-----	3-Nitroaniline	62	U
83-32-9-----	Acenaphthene	12	U
51-28-5-----	2,4-Dinitrophenol	62	U
100-02-7-----	4-Nitrophenol	62	U
132-64-9-----	Dibenzofuran	12	U
121-14-2-----	2,4-Dinitrotoluene	12	U
84-66-2-----	Diethylphthalate	12	U
7005-72-3-----	4-Chlorophenyl-phenylether	12	U
86-73-7-----	Fluorene	12	U
100-01-6-----	4-Nitroaniline	62	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	62	U
86-30-6-----	N-Nitrosodiphenylamine (1)	12	U
101-55-3-----	4-Bromophenyl-phenylether	12	U
118-74-1-----	Hexachlorobenzene	12	U
87-86-5-----	Pentachlorophenol	62	U
85-01-8-----	Phenanthrene	12	U
120-12-7-----	Anthracene	12	U
84-74-2-----	Di-n-Butylphthalate	12	U
206-44-0-----	Fluoranthene	12	U
129-00-0-----	Pyrene	12	U
85-68-7-----	Butylbenzylphthalate	12	U
91-94-1-----	3,3'-Dichlorobenzidine	25	U
56-55-3-----	Benzo(a)Anthracene	12	U
218-01-9-----	Chrysene	12	U
117-81-7-----	Bis(2-Ethylhexyl)Phthalate	12	U
117-84-0-----	Di-n-Octyl Phthalate	12	U
205-99-2-----	Benzo(b)Fluoranthene	12	U
207-08-9-----	Benzo(k)Fluoranthene	12	U
50-32-8-----	Benzo(a)Pyrene	12	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	12	U
53-70-3-----	Dibenz(a,h)Anthracene	12	U
191-24-2-----	Benzo(g,h,i)Perylene	12	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: RECRA ENVIRONMENTAL, INC.
Lab Code: RECNY Case No: 3608 SAS No.:
Matrix (Soil/Water): WATER
Sample wt/vol: 800 (g/ml): ML
Level (low/med): LOW
% Moisture not Dec: Dec:
Extraction: (SepF/Cont/Sonc/Sox): SEPF
GPC Cleanup: (Y/N): N pH: 7.0
Number TTCs Found: 0

EPA Sample No.: OW106D
Contract: NY91-831R
SDG No.: OW101D *MTM 10/3/91*
Lab Sample ID.: OW106D
Lab File ID.: 6291W
Date Received: 09/07/91
Date Extracted: 09/11/91
Date Analyzed: 09/25/91
Dilution Factor: 1.0
Concentration Units:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OW106S

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3608 SAS No.: SDG No.: OW101 ⁸

Matrix: (soil/water) WATER Lab Sample ID: OW106S

Sample wt/vol: 800 (g/mL) ML Lab File ID: 6283W

Level: (low/med) LOW Date Received: 09/07/91

% Moisture: not dec. dec. Date Extracted: 09/11/91

Extraction: (SepF/Cont/Sonc) SEPE Date Analyzed: 09/25/91

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

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

108-95-2-----	Phenol	12	U
111-44-4-----	bis(2-Chloroethyl) Ether	12	U
95-57-8-----	2-Chlorophenol	12	U
541-73-1-----	1,3-Dichlorobenzene	12	U
106-46-7-----	1,4-Dichlorobenzene	12	U
100-51-6-----	Benzyl Alcohol	12	U
95-50-1-----	1,2-Dichlorobenzene	12	U
95-48-7-----	2-Methylphenol	12	U
108-60-1-----	bis(2-Chloroisopropyl) Ether	12	U
106-44-5-----	4-Methylphenol	12	U
621-64-7-----	N-Nitroso-Di-n-Propylamine	12	U
67-72-1-----	Hexachloroethane	12	U
98-95-3-----	Nitrobenzene	12	U
78-59-1-----	Isophorone	12	U
88-75-5-----	2-Nitrophenol	12	U
105-67-9-----	2,4-Dimethylphenol	12	U
65-85-0-----	Benzoic Acid	62	U
111-91-1-----	bis(2-Chloroethoxy) Methane	12	U
120-83-2-----	2,4-Dichlorophenol	12	U
120-82-1-----	1,2,4-Trichlorobenzene	12	U
91-20-3-----	Naphthalene	12	U
106-47-8-----	4-Chloroaniline	12	U
87-68-3-----	Hexachlorobutadiene	12	U
59-50-7-----	4-Chloro-3-Methylphenol	12	U
91-57-6-----	2-Methylnaphthalene	12	U
77-47-4-----	Hexachlorocyclopentadiene	12	U
88-06-2-----	2,4,6-Trichlorophenol	12	U
95-95-4-----	2,4,5-Trichlorophenol	62	U
91-58-7-----	2-Chloronaphthalene	12	U
88-74-4-----	2-Nitroaniline	62	U
131-11-3-----	Dimethyl Phthalate	12	U
208-96-8-----	Acenaphthylene	12	U
606-20-2-----	2,6-Dinitrotoluene	12	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OW106S

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101 

Matrix: (soil/water) WATER Lab Sample ID: OW106S

Sample wt/vol: 800 (g/mL) ML Lab File ID: 6283W

Level: (low/med) LOW Date Received: 09/07/91

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/11/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 09/25/91

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

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

99-09-2-----	3-Nitroaniline	62	U
83-32-9-----	Acenaphthene	12	U
51-28-5-----	2,4-Dinitrophenol	62	U
100-02-7-----	4-Nitrophenol	62	U
132-64-9-----	Dibenzofuran	12	U
121-14-2-----	2,4-Dinitrotoluene	12	U
84-66-2-----	Diethylphthalate	12	U
7005-72-3-----	4-Chlorophenyl-phenylether	12	U
86-73-7-----	Fluorene	12	U
100-01-6-----	4-Nitroaniline	62	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	62	U
86-30-6-----	N-Nitrosodiphenylamine (1)	12	U
101-55-3-----	4-Bromophenyl-phenylether	12	U
118-74-1-----	Hexachlorobenzene	12	U
87-86-5-----	Pentachlorophenol	62	U
85-01-8-----	Phenanthrene	12	U
120-12-7-----	Anthracene	12	U
84-74-2-----	Di-n-Butylphthalate	12	U
206-44-0-----	Fluoranthene	12	U
129-00-0-----	Pyrene	12	U
85-68-7-----	Butylbenzylphthalate	12	U
91-94-1-----	3,3'-Dichlorobenzidine	25	U
56-55-3-----	Benzo(a) Anthracene	12	U
218-01-9-----	Chrysene	12	U
117-81-7-----	Bis(2-Ethylhexyl)Phthalate	12	U
117-84-0-----	Di-n-Octyl Phthalate	12	U
205-99-2-----	Benzo(b) Fluoranthene	12	U
207-08-9-----	Benzo(k) Fluoranthene	12	U
50-32-8-----	Benzo(a) Pyrene	12	U
193-39-5-----	Indeno(1,2,3-cd) Pyrene	12	U
53-70-3-----	Dibenz(a,h) Anthracene	12	U
191-24-2-----	Benzo(g,h,i) Perylene	12	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: RECRA ENVIRONMENTAL, INC. EPA Sample No.: OW106S
Lab Code: RECNY Case No: 3608 SAS No.: Contract: NY91-831R
Matrix (Soil/Water): WATER SDG No.: OW101D *MTM 10/3/91*
Sample wt/vol: 800 (g/ml): ML Lab Sample ID.: OW106S
Level (low/med): LOW Lab File ID.: 6283W
% Moisture not Dec: Dec: Date Received: 09/07/91
Extraction: (SepF/Cont/Sonc/Sox): SEPF Date Extracted: 09/11/91
GPC Cleanup: (Y/N): N pH: 7.0 Date Analyzed: 09/25/91
Number TICs Found: 0 Dilution Factor: 1.0
Concentration Units:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OW202D

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101 (P/S)

Matrix: (soil/water) WATER Lab Sample ID: OW202D

Sample wt/vol: 800 (g/mL) ML Lab File ID: 6294W

Level: (low/med) LOW Date Received: 09/07/91

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/11/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 09/25/91

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

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

CAS NO. COMPOUND Q

108-95-2-----	Phenol	12	U
111-44-4-----	bis(2-Chloroethyl) Ether	12	U
95-57-8-----	2-Chlorophenol	12	U
541-73-1-----	1,3-Dichlorobenzene	12	U
106-46-7-----	1,4-Dichlorobenzene	12	U
100-51-6-----	Benzyl Alcohol	12	U
95-50-1-----	1,2-Dichlorobenzene	12	U
95-48-7-----	2-Methylphenol	12	U
108-60-1-----	bis(2-Chloroisopropyl) Ether	12	U
106-44-5-----	4-Methylphenol	12	U
621-64-7-----	N-Nitroso-Di-n-Propylamine	12	U
67-72-1-----	Hexachloroethane	12	U
98-95-3-----	Nitrobenzene	12	U
78-59-1-----	Isophorone	12	U
88-75-5-----	2-Nitrophenol	12	U
105-67-9-----	2,4-Dimethylphenol	12	U
65-85-0-----	Benzoic Acid	62	U
111-91-1-----	bis(2-Chloroethoxy) Methane	12	U
120-83-2-----	2,4-Dichlorophenol	12	U
120-82-1-----	1,2,4-Trichlorobenzene	12	U
91-20-3-----	Naphthalene	12	U
106-47-8-----	4-Chloroaniline	12	U
87-68-3-----	Hexachlorobutadiene	12	U
59-50-7-----	4-Chloro-3-Methylphenol	12	U
91-57-6-----	2-Methylnaphthalene	12	U
77-47-4-----	Hexachlorocyclopentadiene	12	U
88-06-2-----	2,4,6-Trichlorophenol	12	U
95-95-4-----	2,4,5-Trichlorophenol	62	U
91-58-7-----	2-Chloronaphthalene	12	U
88-74-4-----	2-Nitroaniline	62	U
131-11-3-----	Dimethyl Phthalate	12	U
208-96-8-----	Acenaphthylene	12	U
606-20-2-----	2,6-Dinitrotoluene	12	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OW202D

Lab Name: RECRA ENVIRON Contract: NY91-831RLab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101 ¹⁰Matrix: (soil/water) WATER Lab Sample ID: OW202DSample wt/vol: 800 (g/mL) ML Lab File ID: 6294WLevel: (low/med) LOW Date Received: 09/07/91% Moisture: not dec. _____ dec. _____ Date Extracted: 09/11/91Extraction: (SepF/Cont/Sonc) SEPE Date Analyzed: 09125191GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
99-09-2-----	3-Nitroaniline	62	U
83-32-9-----	Acenaphthene	12	U
51-28-5-----	2,4-Dinitrophenol	62	U
100-02-7-----	4-Nitrophenol	62	U
132-64-9-----	Dibenzofuran	12	U
121-14-2-----	2,4-Dinitrotoluene	12	U
84-66-2-----	Diethylphthalate	12	U
7005-72-3-----	4-Chlorophenyl-phenylether	12	U
86-73-7-----	Fluorene	12	U
100-01-6-----	4-Nitroaniline	62	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	62	U
86-30-6-----	N-Nitrosodiphenylamine (1)	12	U
101-55-3-----	4-Bromophenyl-phenylether	12	U
118-74-1-----	Hexachlorobenzene	12	U
87-86-5-----	Pentachlorophenol	62	U
85-01-8-----	Phenanthrene	12	U
120-12-7-----	Anthracene	12	U
84-74-2-----	Di-n-Butylphthalate	12	U
206-44-0-----	Fluoranthene	12	U
129-00-0-----	Pyrene	12	U
85-68-7-----	Butylbenzylphthalate	12	U
91-94-1-----	3,3'-Dichlorobenzidine	25	U
56-55-3-----	Benzo(a) Anthracene	12	U
218-01-9-----	Chrysene	12	U
117-81-7-----	Bis(2-Ethylhexyl) Phthalate	12	U
117-84-0-----	Di-n-Octyl Phthalate	12	U
205-99-2-----	Benzo(b) Fluoranthene	12	U
207-08-9-----	Benzo(k) Fluoranthene	12	U
50-32-8-----	Benzo(a) Pyrene	12	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	12	U
53-70-3-----	Dibenz(a,h)Anthracene	12	U
191-24-2-----	Benzo(g,h,i)Perylene	12	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: RECRA ENVIRONMENTAL, INC.

Lab Code: RECONY Case No: 3608 SAS No.:

Matrix (Soil/Water): WATER

Sample wt/vol: 800 (g/ml): ML

Level (low/med): LOW

% Moisture not Dec: Dec:

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

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

Number TICs Found: 2

EPA Sample No.: OW202D

Contract: NY91-831R

SDG No.: OW101 *MTM 10/4/91*

Lab Sample ID.: OW202D

Lab File ID.: 6294W

Date Received: 09/07/91

Date Extracted: 09/11/91

Date Analyzed: 09/25/91

Dilution Factor: 1.0

Concentration Units:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	UNKNOWN ACID	15.33	750	J
2	UNKNOWN HYDROCARBON	26.93	28	J
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OW202S

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101 *PS*

Matrix: (soil/water) WATER Lab Sample ID: OW202S

Sample wt/vol: 800 (g/mL) ML Lab File ID: 6293W

Level: (low/med) LOW Date Received: 09/07/91

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/11/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 09/25/91

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
108-95-2-----	Phenol	12	U
111-44-4-----	bis(2-Chloroethyl) Ether	12	U
95-57-8-----	2-Chlorophenol	12	U
541-73-1-----	1,3-Dichlorobenzene	12	U
106-46-7-----	1,4-Dichlorobenzene	12	U
100-51-6-----	Benzyl Alcohol	12	U
95-50-1-----	1,2-Dichlorobenzene	12	U
95-48-7-----	2-Methylphenol	12	U
108-60-1-----	bis(2-Chloroisopropyl) Ether	12	U
106-44-5-----	4-Methylphenol	12	U
621-64-7-----	N-Nitroso-Di-n-Propylamine	12	U
67-72-1-----	Hexachloroethane	12	U
98-95-3-----	Nitrobenzene	12	U
78-59-1-----	Isophorone	12	U
88-75-5-----	2-Nitrophenol	12	U
105-67-9-----	2,4-Dimethylphenol	12	U
65-85-0-----	Benzoic Acid	62	U
111-91-1-----	bis(2-Chloroethoxy) Methane	12	U
120-83-2-----	2,4-Dichlorophenol	12	U
120-82-1-----	1,2,4-Trichlorobenzene	12	U
91-20-3-----	Naphthalene	12	U
106-47-8-----	4-Chloroaniline	12	U
87-68-3-----	Hexachlorobutadiene	12	U
59-50-7-----	4-Chloro-3-Methylphenol	12	U
91-57-6-----	2-Methylnaphthalene	12	U
77-47-4-----	Hexachlorocyclopentadiene	12	U
88-06-2-----	2,4,6-Trichlorophenol	12	U
95-95-4-----	2,4,5-Trichlorophenol	62	U
91-58-7-----	2-Chloronaphthalene	12	U
88-74-4-----	2-Nitroaniline	62	
131-11-3-----	Dimethyl Phthalate	12	
208-96-8-----	Acenaphthylene	12	
606-20-2-----	2,6-Dinitrotoluene	12	

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OW202S

Lab Name: RECRA ENVIRONContract: NY91-831RLab Code: RECNYCase No.: 3608

SAS No.: _____

SDG No.: OW101D ⁵Matrix: (soil/water) WATERLab Sample ID: OW202SSample wt/vol: 800 (g/mL) MLLab File ID: 6293WLevel: (low/med) LOWDate Received: 09/07/91

% Moisture: not dec. _____ dec. _____

Date Extracted: 09/11/91Extraction: (SepF/Cont/Sonc) SEPEDate Analyzed: 09/25/91GPC Cleanup: (Y/N) N pH: 7.0Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
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99-09-2-----	3-Nitroaniline	62	U
83-32-9-----	Acenaphthene	12	U
51-28-5-----	2,4-Dinitrophenol	62	U
100-02-7-----	4-Nitrophenol	62	U
132-64-9-----	Dibenzofuran	12	U
121-14-2-----	2,4-Dinitrotoluene	12	U
84-66-2-----	Diethylphthalate	12	U
7005-72-3-----	4-Chlorophenyl-phenylether	12	U
86-73-7-----	Fluorene	12	U
100-01-6-----	4-Nitroaniline	62	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	62	U
86-30-6-----	N-Nitrosodiphenylamine (1)	12	U
101-55-3-----	4-Bromophenyl-phenylether	12	U
118-74-1-----	Hexachlorobenzene	12	U
87-86-5-----	Pentachlorophenol	62	U
85-01-8-----	Phenanthrene	12	U
120-12-7-----	Anthracene	12	U
84-74-2-----	Di-n-Butylphthalate	12	U
206-44-0-----	Fluoranthene	12	U
129-00-0-----	Pyrene	12	U
85-68-7-----	Butylbenzylphthalate	12	U
91-94-1-----	3,3'-Dichlorobenzidine	25	U
56-55-3-----	Benzo(a)Anthracene	12	U
218-01-9-----	Chrysene	12	U
117-81-7-----	Bis(2-Ethylhexyl)Phthalate	12	U
117-84-0-----	Di-n-Octyl Phthalate	12	U
205-99-2-----	Benzo(b) Fluoranthene	12	U
207-08-9-----	Benzo(k) Fluoranthene	12	U
50-32-8-----	Benzo(a) Pyrene	12	
193-39-5-----	Indeno(1,2,3-cd)Pyrene	12	
53-70-3-----	Dibenz(a,h)Anthracene	12	
191-24-2-----	Benzo(g,h,i)Perylene	12	

(1) - Cannot be separated from Diphenylamine

EPA Sample No. : OW202S

Contract: NY91-831R

SDG No.: OW10(y) 11/10/4/91

Lab Sample ID.: OW202S

Lab File ID.: 6293W

Date Received: 09/07/91

Date Extracted: 09/11/91

Date **Analyzed:** 09/25/91

Dilution Factor: 1.0

Concentration Units:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1				
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 92

OW203D

Lab Name: RECRA ENVIRON Contract: NY91-831R
 Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101
 Matrix: (soil/water) WATER Lab Sample ID: OW203D
 Sample wt/vol: 800 (g/mL) ML Lab File ID: 6296W
 Level: (low/med) LOW Date Received: 09/07/91
 % Moisture: not dec. _____ dec. _____ Date Extracted: 09/11/91
 Extraction: (SepF/Cont/Sonc) SEPE Date Analyzed: 09/25/91
 GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

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

CAS NO. COMPOUND Q

108-95-2	Phenol	12	U
111-44-4	bis(2-Chloroethyl) Ether	12	U
95-57-8	2-Chlorophenol	12	U
541-73-1	1,3-Dichlorobenzene	12	U
106-46-7	1,4-Dichlorobenzene	12	U
100-51-6	Benzyl Alcohol	12	U
95-50-1	1,2-Dichlorobenzene	12	U
95-48-7	2-Methylphenol	12	U
108-60-1	bis(2-Chloroisopropyl) Ether	12	U
106-44-5	4-Methylphenol	12	U
621-64-7	N-Nitroso-Di-n-Propylamine	12	U
67-72-1	Hexachloroethane	12	U
98-95-3	Nitrobenzene	12	U
78-59-1	Isophorone	12	U
88-75-5	2-Nitrophenol	12	U
105-67-9	2,4-Dimethylphenol	12	U
65-85-0	Benzoic Acid	62	U
111-91-1	bis(2-Chloroethoxy) Methane	12	U
120-83-2	2,4-Dichlorophenol	12	U
120-82-1	1,2,4-Trichlorobenzene	12	U
91-20-3	Naphthalene	12	U
106-47-8	4-Chloroaniline	12	U
87-68-3	Hexachlorobutadiene	12	U
59-50-7	4-Chloro-3-Methylphenol	12	U
91-57-6	2-Methylnaphthalene	12	U
77-47-4	Hexachlorocyclopentadiene	12	U
88-06-2	2,4,6-Trichlorophenol	12	U
95-95-4	2,4,5-Trichlorophenol	62	U
91-58-7	2-Chloronaphthalene	12	U
88-74-4	2-Nitroaniline	62	U
131-11-3	Dimethyl Phthalate	12	U
208-96-8	Acenaphthylene	12	U
606-20-2	2,6-Dinitrotoluene	12	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OW203D

Lab Name: RECRA ENVIRON Contract: NY91-831RLab code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101D *MS*Matrix: (soil/water) WATER Lab Sample ID: OW203DSample wt/vol: 800 (g/mL) ML Lab File ID: 6296WLevel: (low/med) LOW Date Received: 09/07/91% Moisture: not dec. _____ dec. _____ Date Extracted: 09/11/91Extraction: (SepF/Cont/Sonc) SEPE Date Analyzed: 09/25/91GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	
99-09-2-----	3-Nitroaniline	62	U
83-32-9-----	Acenaphthene	12	U
51-28-5-----	2,4-Dinitrophenol	62	U
100-02-7-----	4-Nitrophenol	62	U
132-64-9-----	Dibenzofuran	12	U
121-14-2-----	2,4-Dinitrotoluene	12	U
84-66-2-----	Diethylphthalate	12	U
7005-72-3-----	4-Chlorophenyl-phenylether	12	U
86-73-7-----	Fluorene	12	U
100-01-6-----	4-Nitroaniline	62	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	62	U
86-30-6-----	N-Nitrosodiphenylamine(1)	12	U
101-55-3-----	4-Bromophenyl-phenylether	12	U
118-74-1-----	Hexachlorobenzene	12	U
87-86-5-----	Pentachlorophenol	62	U
85-01-8-----	Phenanthrene	12	U
120-12-7-----	Anthracene	12	U
84-74-2-----	Di-n-Butylphthalate	12	U
206-44-0-----	Fluoranthene	12	U
129-00-0-----	Pyrene	12	U
85-68-7-----	Butylbenzylphthalate	12	U
91-94-1-----	3,3'-Dichlorobenzidine	25	U
56-55-3-----	Benzo(a) Anthracene	12	U
218-01-9-----	Chrysene	12	U
117-81-7-----	Bis(2-Ethylhexyl)Phthalate	12	U
117-84-0-----	Di-n-Octyl Phthalate	12	U
205-99-2-----	Benzo(b) Fluoranthene	12	U
207-08-9-----	Benzo(k) Fluoranthene	12	U
50-32-8-----	Benzo(a) Pyrene	12	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	12	U
53-70-3-----	Dibenz(a,h)Anthracene	12	U
191-24-2-----	Benzo(g,h,i)Perylene	12	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: RECRA ENVIRONMENTAL, INC.	EPA Sample No.: OW203D
Lab Code: RECNY Case No: 3608 SAS No.:	Contract: NY91-831R
Matrix (Soil/Water): WATER	SDG No.: OW101D <i>MTM 10/4/91</i>
Sample wt/vol: 800 (g/mL): ML	Lab Sample ID.: OW203D
Level (low/med): LOW	Lab File ID.: 6296W
% Moisture not Dec: Dec:	Date Received: 09/07/91
Extraction: (SepF/Cont/Sonc/Sox): SEPF	Date Extracted: 09/11/91
GPC Cleanup: (Y/N): N pH: 7.0	Date Analyzed: 09/25/91
Number TICs Found: 2	Dilution Factor: 1.0
	Concentration Units: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EFT. CONC.	Q
1	UNKNOWN ACID	15.50	1300	J
2	OXYGENATED COMPOUND	20.00	12	J
3				
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OW203S

Lab Name: RECRA ENVIRONContract: NY91-831RLab Code: RECNYCase No.: 3608

SAS No.: _____

SDG No.: OW101 *D*Matrix: (soil/water) WATERLab Sample ID: OW203SSample wt/vol: 800 (g/mL) MLLab File ID: 6295WLevel: (low/med) LOWDate Received: 09/07/91

% Moisture: not dec. _____ dec. _____

Date Extracted: 09/11/91Extraction: (SepF/Cont/Sonc) SEPFDate Analyzed: 09/25/91GPC Cleanup: (Y/N) N pH: 7.0Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
108-95-2	Phenol	12	U
111-44-4	bis(2-Chloroethyl) Ether	12	U
95-57-8	2-Chlorophenol	12	U
541-73-1	1,3-Dichlorobenzene	12	U
106-46-7	1,4-Dichlorobenzene	12	U
100-51-6	Benzyl Alcohol	12	U
95-50-1	1,2-Dichlorobenzene	12	U
95-48-7	2-Methylphenol	12	U
108-60-1	bis(2-Chloroisopropyl) Ether	12	U
106-44-5	4-Methylphenol	12	U
621-64-7	N-Nitroso-Di-n-Propylamine	12	U
67-72-1	Hexachloroethane	12	U
98-95-3	Nitrobenzene	12	U
78-59-1	Isophorone	12	U
88-75-5	2-Nitrophenol	12	U
105-67-9	2,4-Dimethylphenol	12	U
65-85-0	Benzoic Acid	62	U
111-91-1	bis(2-Chloroethoxy)Methane	12	U
120-83-2	2,4-Dichlorophenol	12	U
120-82-1	1,2,4-Trichlorobenzene	12	U
91-20-3	Naphthalene	12	U
106-47-8	4-Chloroaniline	12	U
87-68-3	Hexachlorobutadiene	12	U
59-50-7	4-Chloro-3-Methylphenol	12	U
91-57-6	2-Methylnaphthalene	12	U
77-47-4	Hexachlorocyclopentadiene	12	U
88-06-2	2,4,6-Trichlorophenol	12	U
95-95-4	2,4,5-Trichlorophenol	62	U
91-58-7	2-Chloronaphthalene	12	U
88-74-4	2-Nitroaniline	62	U
131-11-3	Dimethyl Phthalate	12	U
208-96-8	Acenaphthylene	12	U
606-20-2	2,6-Dinitrotoluene	12	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OW203S

Lab Name: RECRA ENVIRONContract: NY91-831RLab Code: RECNYCase No.: 3608

SAS No.: _____

SDG No.: OW101 *D* *MS*Matrix: (soil/water) WATERLab Sample ID: OW203SSample wt/vol: 800 (g/mL) MLLab File ID: 6295WLevel: (low/med) LOWDate Received: 09/07/91

% Moisture: not dec. _____ dec. _____

Date Extracted: 09/11/91Extraction: (SepF/Cont/Sonc) SEPFDate Analyzed: 09/25/91GPC Cleanup: (Y/N) N pH: 7.0Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
99-09-2-----	3-Nitroaniline	62	U
83-32-9-----	Acenaphthene	12	U
51-28-5-----	2,4-Dinitrophenol	62	U
100-02-7-----	4-Nitrophenol	62	U
132-64-9-----	Dibenzofuran	12	U
121-14-2-----	2,4-Dinitrotoluene	12	U
84-66-2-----	Diethylphthalate	12	U
7005-72-3-----	4-Chlorophenyl-phenylether	12	U
86-73-7-----	Fluorene	12	U
100-01-6-----	4-Nitroaniline	62	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	62	U
86-30-6-----	N-Nitrosodiphenylamine (1)	12	U
101-55-3-----	4-Bromophenyl-phenylether	12	U
118-74-1-----	Hexachlorobenzene	12	U
87-86-5-----	Pentachlorophenol	62	U
85-01-8-----	Phenanthrene	12	U
120-12-7-----	Anthracene	12	U
84-74-2-----	Di-n-Butylphthalate	12	U
206-44-0-----	Fluoranthene	12	U
129-00-0-----	Pyrene	12	U
85-68-7-----	Butylbenzylphthalate	12	U
91-94-1-----	3,3'-Dichlorobenzidine	25	U
56-55-3-----	Benzo(a)Anthracene	12	U
218-01-9-----	Chrysene	12	U
117-81-7-----	Bis(2-Ethylhexyl)Phthalate	12	U
117-84-0-----	Di-n-Octyl Phthalate	12	U
205-99-2-----	Benzo(b) Fluoranthene	12	U
207-08-9-----	Benzo(k) Fluoranthene	12	U
50-32-8-----	Benzo(a) Pyrene	12	U
193-39-5-----	Indeno(1,2,3-cd) Pyrene	12	U
53-70-3-----	Dibenz(a,h) Anthracene	12	U
191-24-2-----	Benzo(g,h,i) Perylene	12	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA Sample No.: OW203S

Lab Name: RECRA ENVIRONMENTAL, INC.

Contract: NY91-831R

Lab Code: RECNY Case No: 3608 SAS No.:

SDG No.: OW101D *MTM 10/4/91*

Matrix (Soil/Water): WATER

Lab Sample ID.: OW203S

Sample wt/vol: 800 (g/ml): ML

Lab File ID.: 6295W

Level (low/med): LOW

Date Received: 09/07/91

% Moisture not Dec: Dec:

Date Extracted: 09/11/91

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

Date Analyzed: 09/25/91

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

Dilution Factor: 1.0

Number TICs Found: 1

Concentration Units:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	UNKNOWN ACID	15.35	730	J
2				
3				
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OW204D

Lab Name: RECRA ENVIRONContract: NY91-831RLab Code: RECNYCase No.: 3608

SAS No.: _____

SDG No.: OW101 D SMatrix: (soil/water) WATERLab Sample ID: OW204DSample wt/vol: 800 (g/mL) MLLab File ID: 6298WLevel: (low/med) LOWDate Received: 09/07/91

% Moisture: not dec. _____ dec. _____

Date Extracted: 09/11/91Extraction: (SepF/Cont/Sonc) SEPEDate Analyzed: 09/25/91GPC Cleanup: (Y/N) N pH: 7.0Dilution Factor: 1.0

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

108-95-2-----	Phenol	12	U
111-44-4-----	bis(2-Chloroethyl)Ether	12	U
95-57-8-----	2-Chlorophenol	12	U
541-73-1-----	1,3-Dichlorobenzene	12	U
106-46-7-----	1,4-Dichlorobenzene	12	U
100-51-6-----	Benzyl Alcohol	12	U
95-50-1-----	1,2-Dichlorobenzene	12	U
95-48-7-----	2-Methylphenol	12	U
108-60-1-----	bis(2-Chloroisopropyl) Ether	12	U
106-44-5-----	4-Methylphenol	12	U
621-64-7-----	N-Nitroso-Di-n-Propylamine	12	U
67-72-1-----	Hexachloroethane	12	U
98-95-3-----	Nitrobenzene	12	U
78-59-1-----	Isophorone	12	U
88-75-5-----	2-Nitrophenol	12	U
105-67-9-----	2,4-Dimethylphenol	12	U
65-85-0-----	Benzoic Acid	62	U
111-91-1-----	bis(2-Chloroethyl) Methane	12	U
120-83-2-----	2,4-Dichlorophenol	12	U
120-82-1-----	1,2,4-Trichlorobenzene	12	U
91-20-3-----	Naphthalene	12	U
106-47-8-----	4-Chloroaniline	12	U
87-68-3-----	Hexachlorobutadiene	12	U
59-50-7-----	4-Chloro-3-Methylphenol	12	U
91-57-6-----	2-Methylnaphthalene	12	U
77-47-4-----	Hexachlorocyclopentadiene	12	U
88-06-2-----	2,4,6-Trichlorophenol	12	U
95-95-4-----	2,4,5-Trichlorophenol	62	U
91-58-7-----	2-Chloronaphthalene	12	U
88-74-4-----	2-Nitroaniline	62	U
131-11-3-----	Dimethyl Phthalate	12	U
208-96-8-----	Acenaphthylene	12	U
606-20-2-----	2,6-Dinitrotoluene	12	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OW204D

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101

Matrix: (soil/water) WATER Lab Sample ID: OW204D

Sample wt/vol: 800 (g/mL) ML Lab File ID: 6298W

Level: (low/med) LOW Date Received: 09/07/91

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/11/91

Extraction: (SepF/Cont/Sonc) SEPE Date Analyzed: 09/25/91

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
99-09-2-----	3-Nitroaniline	62	U
83-32-9-----	Acenaphthene	12	U
51-28-5-----	2,4-Dinitrophenol	62	U
100-02-7-----	4-Nitrophenol	62	U
132-64-9-----	Dibenzofuran	12	U
121-14-2-----	2,4-Dinitrotoluene	12	U
84-66-2-----	Diethylphthalate	12	U
7005-72-3-----	4-Chlorophenyl-phenylether	12	U
86-73-7-----	Fluorene	12	U
100-01-6-----	4-Nitroaniline	62	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	62	U
86-30-6-----	N-Nitrosodiphenylamine (1)	12	U
101-55-3-----	4-Bromophenyl-phenylether	12	U
118-74-1-----	Hexachlorobenzene	12	U
87-86-5-----	Pentachlorophenol	62	U
85-01-8-----	Phenanthrene	12	U
120-12-7-----	Anthracene	12	U
84-74-2-----	Di-n-Butylphthalate	12	U
206-44-0-----	Fluoranthene	12	U
129-00-0-----	Pyrene	12	U
85-68-7-----	Butylbenzylphthalate	12	U
91-94-1-----	3,3'-Dichlorobenzidine	25	U
56-55-3-----	Benzo(a)Anthracene	12	U
218-01-9-----	Chrysene	12	U
117-81-7-----	Bis(2-Ethylhexyl)Phthalate	12	U
117-84-0-----	Di-n-Octyl Phthalate	12	U
205-99-2-----	Benzo(b)Fluoranthene	12	U
207-08-9-----	Benzo(k)Fluoranthene	12	U
50-32-8-----	Benzo(a)Pyrene	12	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	12	U
53-70-3-----	Dibenz(a,h)Anthracene	12	U
191-24-2-----	Benzo(g,h,i)Perylene	12	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: RECRA ENVIRONMENTAL, INC.

EPA Sample No.: OW204D

Lab Code: RECNY Case No: 3608 SAS No.:

Contract: NY91-831R

SDG No.: OW101 *MTM 10/4/91*

Matrix (Soil/Water): WATER

Lab Sample ID.: OW204D

Sample wt/vol: 800 (g/ml): ML

Lab File ID.: 6298W

Level (low/med): LOW

Date Received: 09/07/91

% Moisture not Dec: Dec:

Date Extracted: 09/11/91

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

Date Analyzed: 09/25/91

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

Dilution Factor: 1.0

Number TICs Found: 1

Concentration Units:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	UNKNOWN ACID	15.70	1400	J
2				
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OW204S

Lab Name: RECRA ENVIRONContract: NY91-831RLab Code: RECNYCase No.: 3608

SAS No.: _____

SDG No.: OW101 *MS*Matrix: (soil/water) WATERLab Sample ID: OW204SSample wt/vol: 800 (g/mL) MLLab File ID: 6297WLevel: (low/med) LOWDate Received: 09/07/91

% Moisture: not dec. _____ dec. _____

Date Extracted: 09/11/91Extraction: (SepF/Cont/Sonc) SEPFDate Analyzed: 09/25/91GPC Cleanup: (Y/N) N pH: 7.0Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
108-95-2	Phenol	12	U
111-44-4	bis(2-Chloroethyl) Ether	12	U
95-57-8	2-Chlorophenol	12	U
541-73-1	1,3-Dichlorobenzene	12	U
106-46-7	1,4-Dichlorobenzene	12	U
100-51-6	Benzyl Alcohol	12	U
95-50-1	1,2-Dichlorobenzene	12	U
95-48-7	2-Methylphenol	12	U
108-60-1	bis(2-Chloroisopropyl) Ether	12	U
106-44-5	4-Methylphenol	12	U
621-64-7	N-Nitroso-Di-n-Propylamine	12	U
67-72-1	Hexachloroethane	12	U
98-95-3	Nitrobenzene	12	U
78-59-1	Isophorone	12	U
88-75-5	2-Nitrophenol	12	U
105-67-9	2,4-Dimethylphenol	12	U
65-85-0	Benzoic Acid	62	U
111-91-1	bis(2-Chloroethoxy) Methane	12	U
120-83-2	2,4-Dichlorophenol	12	U
120-82-1	1,2,4-Trichlorobenzene	12	U
91-20-3	Naphthalene	12	U
106-47-8	4-Chloroaniline	12	U
87-68-3	Hexachlorobutadiene	12	U
59-50-7	4-Chloro-3-Methylphenol	12	U
91-57-6	2-Methylnaphthalene	12	U
77-47-4	Hexachlorocyclooctadiene	12	U
88-06-2	2,4,6-Trichlorophenol	12	U
95-95-4	2,4,5-Trichlorophenol	62	U
91-58-7	2-Chloronaphthalene	12	U
88-74-4	2-Nitroaniline	62	
131-11-3	Dimethyl Phthalate	12	
208-96-8	Acenaphthylene	12	
606-20-2	2,6-Dinitrotoluene	12	

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OW204S

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101 ⁵

Matrix: (soil/water) WATER Lab Sample ID: OW204S

Sample wt/vol: 800 (g/mL) ML Lab File ID: 6297W

Level: (low/med) LOW Date Received: 09/07/91

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/11/91

Extraction: (SepF/Cont/Sonc) SEPE Date Analyzed: 09/25/91

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

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

99-09-2-----	3-Nitroaniline	62	U
83-32-9-----	Acenaphthene	12	U
51-28-5-----	2,4-Dinitrophenol	62	U
100-02-7-----	4-Nitrophenol	62	U
132-64-9-----	Dibenzofuran	12	U
121-14-2-----	2,4-Dinitrotoluene	12	U
84-66-2-----	Diethylphthalate	12	U
7005-72-3-----	4-Chlorophenyl-phenylether	12	U
86-73-7-----	Fluorene	12	U
100-01-6-----	4-Nitroaniline	62	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	62	U
86-30-6-----	N-Nitrosodiphenylamine (1)	12	U
101-55-3-----	4-Bromophenyl-phenylether	12	U
118-74-1-----	Hexachlorobenzene	12	U
87-86-5-----	Pentachlorophenol	62	U
85-01-8-----	Phenanthrene	12	U
120-12-7-----	Anthracene	12	U
84-74-2-----	Di-n-Butylphthalate	12	U
206-44-0-----	Fluoranthene	12	U
129-00-0-----	Pyrene	12	U
85-68-7-----	Butylbenzylphthalate	12	U
91-94-1-----	3,3'-Dichlorobenzidine	25	U
56-55-3-----	Benzo(a)Anthracene	12	U
218-01-9-----	Chrysene	12	U
117-81-7-----	Bis(2-Ethylhexyl)Phthalate	12	U
117-84-0-----	Di-n-Octyl Phthalate	12	U
205-99-2-----	Benzo(b)Fluoranthene	12	U
207-08-9-----	Benzo(k)Fluoranthene	12	U
50-32-8-----	Benzo(a)Pyrene	12	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	12	U
53-70-3-----	Dibenz(a,h)Anthracene	12	U
191-24-2-----	Benzo(g,h,i)Perylene	12	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA Sample No. : OW204S

Lab Name: RECRA ENVIRONMENTAL, INC.

Contract: NY91-831R

Lab Code: RECNY

Case No: 3608

SAS No.:

SDG No. : OW101(1) *MTM 10/4/91*

Matrix (Soil/Water): WATER

Lab Sample ID. : OW204S

Sample wt/vol: 800 (g/ml): ML

Lab File ID. : 6297W

Level (low/med): LOW

Date Received: 09/07/91

% Moisture not Dec: Dec:

Date Extracted: 09/11/91

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

Date Analyzed: 09/25/91

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

Dilution Factor: 1.0

Number TICs Found: 3

Concentration Units:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	UNKNOWN ACID	15.58	1400	J
2	UNKNOWN SILOXANE	36.50	12	J
3	UNKNOWN SILOXANE	37.88	10	J
4				
5				
6				
7				
8				
9				
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OW205

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101)

Matrix: (soil/water) WATER Lab Sample ID: OW205

Sample wt/vol: 800 (g/mL) ML Lab File ID: 6292W

Level: (low/med) LOW Date Received: 09/07/91

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/11/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 09/25/91

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
108-95-2-----	Phenol	12	U
111-44-4-----	bis(2-Chloroethyl) Ether	12	U
95-57-8-----	2-Chlorophenol	12	U
541-73-1-----	1,3-Dichlorobenzene	12	U
106-46-7-----	1,4-Dichlorobenzene	12	U
100-51-6-----	Benzyl Alcohol	12	U
95-50-1-----	1,2-Dichlorobenzene	12	U
95-48-7-----	2-Methylphenol	12	U
108-60-1-----	bis(2-Chloroisopropyl) Ether	12	U
106-44-5-----	4-Methylphenol	12	U
621-64-7-----	N-Nitroso-Di-n-Propylamine	12	U
67-72-1-----	Hexachloroethane	12	U
98-95-3-----	Nitrobenzene	12	U
78-59-1-----	Isophorone	12	U
88-75-5-----	2-Nitrophenol	12	U
105-67-9-----	2,4-Dimethylphenol	12	U
65-85-0-----	Benzoic Acid	62	U
111-91-1-----	bis(2-Chloroethoxy)Methane	12	U
120-83-2-----	2,4-Dichlorophenol	12	U
120-82-1-----	1,2,4-Trichlorobenzene	12	U
91-20-3-----	Naphthalene	12	U
106-47-8-----	4-Chloroaniline	12	U
87-68-3-----	Hexachlorobutadiene	12	U
59-50-7-----	4-Chloro-3-Methylphenol	12	U
91-57-6-----	2-Methylnaphthalene	12	U
77-47-4-----	Hexachlorocyclopentadiene	12	U
88-06-2-----	2,4,6-Trichlorophenol	12	U
95-95-4-----	2,4,5-Trichlorophenol	62	U
91-58-7-----	2-Chloronaphthalene	12	U
88-74-4-----	2-Nitroaniline	62	U
131-11-3-----	Dimethyl Phthalate	12	
208-96-8-----	Acenaphthylene	12	
606-20-2-----	2,6-Dinitrotoluene	12	

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OW205

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101

Matrix: (soil/water) WATER Lab Sample ID: OW205

Sample wt/vol: 800 (g/mL) ML Lab File ID: 6292W

Level: (low/med) LOW Date Received: 09/07/91

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/11/91

Extraction: (SepF/Cont/Sonc) SEPE Date Analyzed: 09/25/91

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
99-09-2-----	3-Nitroaniline	62	U
83-32-9-----	Acenaphthene	12	U
51-28-5-----	2,4-Dinitrophenol	62	U
100-02-7-----	4-Nitrophenol	62	U
132-64-9-----	Dibenzofuran	12	U
121-14-2-----	2,4-Dinitrotoluene	12	U
84-66-2-----	Diethylphthalate	12	U
7005-72-3-----	4-Chlorophenyl-phenylether	12	U
86-73-7-----	Fluorene	12	U
100-01-6-----	4-Nitroaniline	62	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	62	U
86-30-6-----	N-Nitrosodiphenylamine (1)	12	U
101-55-3-----	4-Bromophenyl-phenylether	12	U
118-74-1-----	Hexachlorobenzene	12	U
87-86-5-----	Pentachlorophenol	62	U
85-01-8-----	Phenanthrene	12	U
120-12-7-----	Anthracene	12	U
84-74-2-----	Di-n-Butylphthalate	12	U
206-44-0-----	Fluoranthene	12	U
129-00-0-----	Pyrene	12	U
85-68-7-----	Butylbenzylphthalate	12	U
91-94-1-----	3,3'-Dichlorobenzidine	25	U
56-55-3-----	Benzo(a)Anthracene	12	U
218-01-9-----	Chrysene	12	U
117-81-7-----	Bis(2-Ethylhexyl)Phthalate	12	U
117-84-0-----	Di-n-Octyl Phthalate	12	U
205-99-2-----	Benzo(b) Fluoranthene	12	U
207-08-9-----	Benzo(k) Fluoranthene	12	U
50-32-8-----	Benzo(a) Pyrene	12	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	12	
53-70-3-----	Dibenz(a,h)Anthracene	12	
191-24-2-----	Benzo(g,h,i)Perylene	12	

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

106

Lab Name: RECRA ENVIRONMENTAL, INC.

EPA Sample No.: OW205

Lab Code: RECNY Case No: 3608 SAS No.:

Contract: NY91-831R

SDG No.: OW101 *mtm 10/4/91*

Matrix (Soil/Water): WATER

Lab Sample ID.: OW205

Sample wt/vol: 800 (g/ml): ML

Lab File ID.: 6292W

Level (low/med): LOW

Date Received: 09/07/91

% Moisture not Dec: Dec:

Date Extracted: 09/11/91

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

Date Analyzed: 09/25/91

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

Dilution Factor: 1.0

Number TICs Found: 3

Concentration Units:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	BUTOXYETHOXY ETHANOL DERIVAT	13.53	520	J
2	UNKNOWN	28.08	1600	J
3	UNKNOWN	30.12	16	J
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
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28				
29				
30				

2A
WATER VOLATILE SURROGATE RECOVERY

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101

	EPA SAMPLE NO.	S1 (TOL) #	S2 (BFB) #	S3 (DCE) #	OTHER	TOT OUT
01	MSBLANK	103	100	95	0	0
02	OW101D	106	97	95	0	0
03	OW101S	108	102	98	0	0
04	OW102D	107	101	96	0	0
05	OW102S	108	100	97	0	0
06	OW103D	107	100	94	0	0
07	OW103S	104	100	94	0	0
08	OW104D	107	102	94	0	0
09	OW104S	106	102	93	0	0
10	OW105D	100	102	94	0	0
11	OW105S	103	102	93	0	0
12	OW106D	102	99	93	0	0
13	OW106S	100	97	93	0	0
14	OW202D	98	102	100	0	0
15	OW202S	97	100	95	0	0
16	OW203D	108	100	95	0	0
17	OW203S	98	102	96	0	0
18	OW204D	99	104	96	0	0
19	OW204S	97	99	92	0	0
20	OW205	102	102	92	0	0
21	TRIPBLANK	106	104	97	0	0
22	VHBLANK	106	105	99	0	0
23	OW101SMS	106	100	96	0	0
24	OW101SMSD	105	99	96	0	0
25	VBLK31	106	104	100	0	0
26	VBLK25	101	98	92	0	0
27	VBLK26	97	102	98	0	0

QC LIMITS

S1 (TOL) = Toluene-d8 (88-110)
 S2 (BFB) = Bromofluorobenzene (86-115)
 S3 (DCE) = 1,2-Dichloroethane-d4 (76-114)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogates diluted out

2C
WATER SEMIVOLATILE SURROGATE RECOVERY

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101D ^{RS}

	EPA SAMPLE NO.	S1 (NBZ) #	S2 (FBP) #	S3 (TPH) #	S4 (PHL) #	S5 (2FP) #	S6 (TBP) #	OTHER	TOT OUT
01	MSBLANK	85	77	101	32	47	82	0	0
02	OW101D	108	103	105	13	54	48	0	0
03	OW101S	66	70	74	26	65	66	0	0
04	OW102D	68	69	87	33	50	79	0	0
05	OW102DRE	84	91	108	30	36	83	0	0
06	OW102S	55	58	89	40	61	64	0	0
07	OW103D	101	104	123	39	63	56	0	0
08	OW103S	57	62	78	40	63	74	0	0
09	OW104D	92	89	108	52	85	86	0	0
10	OW104S	87	87	106	46	72	61	0	0
11	OW105D	72	82	95	13	50	62	0	0
12	OW105S	71	80	79	28	46	53	0	0
13	OW106D	98	91	125	53	84	56	0	0
14	OW106S	79	79	113	37	64	63	0	0
15	OW202D	105	103	117	33	65	77	0	0
16	OW202S	106	104	121	52	80	78	0	0
17	OW203D	111	111	92	24	73	83	0	0
18	OW203S	91	94	115	34	66	34	0	0
19	OW204D	100	101	79	18	73	88	0	0
20	OW204S	111	111	111	20	51	58	0	0
21	OW205	90	103	133	59	91	89	0	0
22	OW101SMS	81	80	81	26	54	18	0	0
23	OW101SMSD	81	80	82	36	75	76	0	0
24	SBLK18	67	62	89	34	48	55	0	0

QC LIMITS

S1 (NBZ) = Nitrobenzene-d5 (35-114)
 S2 (FBP) = 2-Fluorobiphenyl (43-116)
 S3 (TPH) = Terphenyl (33-141)
 S4 (PHL) = Phenol-d5 (10-94)
 S5 (2FP) = 2-Fluorophenol (21-100)
 S6 (TBP) = 2,4,6-Tribromophenol (10-123)

Column to be used to flag recovery values
 * Values outside of contract required QC limits
 D Surrogates diluted out

3X
WATER VOLATILE MATRIX SPIKE RECOVERY

Lab Name: RECRA ENVIRON Contract: _____

Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101 *105*

Matrix Spike - Sample No.: MSBLANK

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC LIMITS REC.
1,1-Dichloroethene	50.0	0	48.2	96	75-125
Trichloroethene	50.0	0.962	56.0	110	75-125
Benzene	50.0	0	50.2	100	75-125
Toluene	50.0	0	52.0	104	75-125
Chlorobenzene	50.0	0	51.4	103	75-125

* Values outside of QC limits

Spike Recovery: 0 out of 5 outside limits

COMMENTS: VBLK31
51D

3A

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: RECRA ENVIRON Contract: NY91-831RLab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101 ^{MS}Matrix Spike - EPA Sample No.: OW101S

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC LIMITS REC.
1,1-Dichloroethene	50.0	0	47.2	94	61-145
Trichloroethene	50.0	0.796	51.0	100	71-120
Benzene	50.0	0	50.8	102	76-127
Toluene	50.0	0	50.8	102	76-125
Chlorobenzene	50.0	0	50.6	101	75-130

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD	REC.
1,1-Dichloroethene	50.0	48.0	96	-2	14	61-145
Trichloroethene	50.0	51.4	101	-1	14	71-120
Benzene	50.0	50.4	101	1	11	76-127
Toluene	50.0	51.4	103	-1	13	76-125
Chlorobenzene	50.0	50.8	102	1	13	75-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 5 outside limitsSpike Recovery: 0 out of 10 outside limitsCOMMENTS: OW101S JOB2552
51D

3X
WATER SEMIVOLATILE MATRIX SPIKE RECOVERY

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3608K SAS No.: _____ SDG No.: OW101p (2)

Matrix Spike - Sample No.: MSBLANK

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC LIMITS REC.
Phenol	200	0	74.8	37 *	75-125
2-Chlorophenol	200	0	132	66 *	75-125
1,4-Dichlorobenzene	100	0	84.6	85	75-125
N-Nitroso-di-n-prop.(1)	100	0	94.8	95	75-125
1,2,4-Trichlorobenzene	100	0	83.2	83	75-125
4-Chloro-3-methylphenol	200	0	180	90	75-125
Acenaphthene	100	0	99.6	100	75-125
4-Nitrophenol	200	0	75.4	38 *	75-125
2,4-Dinitrotoluene	100	0	109	109	75-125
Pentachlorophenol	200	0	47.2	24 *	75-125
Pyrene	100	0	120	120	75-125

(1) N-Nitroso-di-n-propylamine

* Values outside of QC limits

Spike Recovery: 4 out of 11 outside limits

COMMENTS: SBLK18 JOB2552 BN3865/66
AUTOSAMPLR I50W

3C

WATER SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: RECRA ENVIRONContract: NY91-831RLab Code: RECNYCase No.: 3608

SAS No.: _____

SDG No.: OW101 *11*Matrix Spike - EPA Sample No.: OW101S

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC LIMITS REC.
Phenol	250	0	77.8	31	12- 86
2-Chlorophenol	250	0	162	65	27-123
1,4-Dichlorobenzene	125	0	99.5	80	36 97
N-Nitroso-di-n-prop. (1)	125	0	108	86	41 116
1,2,4-Trichlorobenzene	125	0	106	85	39 98
4-Chloro-3-methylphenol	250	0	252	101 *	23 97
Acenaphthene	125	0	122	98	46-118
4-Nitrophenol	250	0	3.88	2 *	10- 80
2,4-Dinitrotoluene	125	0	136	109 *	24- 96
Pentachlorophenol	250	0	0	0 *	9-103
Pyrene	125	0	156	125	26-127

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD REC.
Phenol	250	106	42	-30	42 12- 86
2-Chlorophenol	250	210	84	-26	40 27-123
1,4-Dichlorobenzene	125	106	85	-6	28 36 97
N-Nitroso-di-n-prop. (1)	125	108	86	0	38 41 116
1,2,4-Trichlorobenzene	125	109	87	-2	28 39 98
4-Chloro-3-methylphenol	250	270	108 *	-7	42 23 97
Acenaphthene	125	118	94	4	31 46-118
4-Nitrophenol	250	79.5	32	-176 *	50 10- 80
2,4-Dinitrotoluene	125	128	102 *	7	38 24- 96
Pentachlorophenol	250	24.2	10	-200 *	50 9-103
Pyrene	125	142	114	9	31 26-127

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
 * Values outside of QC limits

RPD: 2 out of 11 outside limitsSpike Recovery: 6 out of 22 outside limits

COMMENTS: OW101S JOB2552 BN3869/70
 AUTOSAMPLER I50W

4A
VOLATILE METHOD BLANK SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-831R
 Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101D ¹⁷⁸
 Lab File ID: D5160 Lab Sample ID: VBK31
 Date Analyzed: 09/10/91 Time Analyzed: 1158
 Matrix: (soil/water) WATER Level: (low/med) LOW
 Instrument ID: 51D

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
	=====	=====	=====	=====
01	MSBLANK	MSBLANK	D5159	1121
02	OW101D	OW101D	D5169	1731
03	OW101S	OW101S	D5165	1506
04	OW102D	OW102D	D5171	1843
05	OW102S	OW102S	D5170	1807
06	OW103D	OW103D	D5173	1955
07	OW103S	OW103S	D5172	1919
08	OW104D	OW104D	D5175	2107
09	OW104S	OW104S	D5174	2031
10	OW203D	OW203D	D5168	1655
11	TRIPBLANK	TRIPBLANK	D5162	1314
12	VHBLANK	VHBLANK	D5161	1238
13	OW101SMS	OW101SMS	D5166	1542
14	OW101SMSD	OW101SMSD	D5167	1619

COMMENTS: VBK31
51D

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK31

Lab Name: RECRA ENVIRONContract: NY91-831RLab Code: RECNY Case No.: 3608SAS No.: _____ SDG No.: OW101D ^{MS}Matrix: (soil/water) WATERLab Sample ID: VBLK31Sample wt/vol: 5.0 (g/mL) MLLab File ID: D5160Level: (low/med) LOW

Date Received: _____

Moisture: not dec. _____

Date Analyzed: 09/10/91Column: (pack/cap) PACKDilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
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	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-dichloropropene	5	U
79-01-6	Trichloroethene	1	J
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Total xylenes	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK31

Lab Name: RECRA ENVIRON Contract: NY91-831RLab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW1017 ^{NS}Matrix: (soil/water) WATERLab Sample ID: VBLK31Sample wt/vol: 5.0 (g/mL) MLLab File ID: D5160Level: (low/med) LOW

Date Received: _____

Moisture: not dec. _____

Date Analyzed: 09/10/91Column (pack/cap) PACKDilution Factor: 1.0Number TICs found: 0CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

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

4A
VOLATILE METHOD BLANK SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101

Lab File ID: E3072 Lab Sample ID: VBLK25

Date Analyzed: 09/10/91 Time Analyzed: 1603

Matrix: (soil/water) WATER Level: (low/med) LOW

Instrument ID: 51E

3

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
	=====	=====	=====	=====
01	OW105D	OW105D	E3077	1908
02	OW105S	OW105S	E3076	1832
03	OW106D	OW106D	E3079	2021
04	OW106S	OW106S	E3078	1944
05	OW205	OW205	E3080	2057

COMMENTS: VBLK25
51E

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK25

Lab Name: RECRA ENVIRONContract: NY91-831RLab Code: RECNY Case No.: 3608

SAS No.: _____

SDG No.: OW101 (13)Matrix: (soil/water) WATERLab Sample ID: VBLK25Sample wt/vol: 5.0 (g/mL) MLLab File ID: E3072Level: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____

Date Analyzed: 09/10/91Column: (pack/cap) PACKDilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
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	U
67-64-1	-----Acetone	10	U
75-15-0	-----Carbon Disulfide	5	U
75-35-4	-----1,1-Dichloroethene	5	U
75-34-3	-----1,1-Dichloroethane	5	U
540-59-0	-----1,2-Dichloroethene (total)	5	U
67-66-3	-----Chloroform	5	U
107-06-2	-----1,2-Dichloroethane	5	U
78-93-3	-----2-Butanone	10	U
71-55-6	-----1,1,1-Trichloroethane	5	U
56-23-5	-----Carbon Tetrachloride	5	U
108-05-4	-----Vinyl Acetate	10	U
75-27-4	-----Bromodichloromethane	5	U
78-87-5	-----1,2-Dichloropropane	5	U
10061-01-5	-----cis-1,3-dichloropropene	5	U
79-01-6	-----Trichloroethene	5	U
124-48-1	-----Dibromochloromethane	5	U
79-00-5	-----1,1,2-Trichloroethane	5	U
71-43-2	-----Benzene	5	U
10061-02-6	-----trans-1,3-dichloropropene	5	U
75-25-2	-----Bromoform	5	U
108-10-1	-----4-Methyl-2-Pentanone	10	U
591-78-6	-----2-Hexanone	10	U
127-18-4	-----Tetrachloroethene	5	U
79-34-5	-----1,1,2,2-Tetrachloroethane	5	U
108-88-3	-----Toluene	5	U
108-90-7	-----Chlorobenzene	5	U
100-41-4	-----Ethylbenzene	5	U
100-42-5	-----Styrene	5	U
1330-20-7	-----Total Xylenes	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK25

Lab Name: RECRA ENVIRON Contract: NY91-831RLab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101 ^D ^{MS}Matrix: (soil/water) WATERLab Sample ID: VBLK25Sample wt/vol: 5.0 (g/mL) MLLab File ID: E3072Level: (low/med) LOW

Date Received: _____

Moisture: not dec. _____

Date Analyzed: 09/10/91Column (pack/cap) PACKDilution Factor: 1.0Number TICs found: 0CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

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

4A
VOLATILE METHOD BLANK SUMMARY

119

Lab Name: RECRA ENVIRON Contract: NY91-831R
Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101D ^{MS}
Lab File ID: E3085 Lab Sample ID: VBLK26
Date Analyzed: 09/11/91 Time Analyzed: 024
Matrix: (soil/water) WATER Level: (low/med) LOW
Instrument ID: 51E

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO. =====	LAB SAMPLE ID =====	LAB FILE ID =====	TIME ANALYZED =====
01	OW202D	OW202D	E3089	0310
02	OW202S	OW202S	E3088	0228
03	OW203S	OW203S	E3090	0351
04	OW204D	OW204D	E3092	0514
05	OW204S	OW204S	E3091	0432

COMMENTS: VBLK 26
51E

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. **120**

VBLK26

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: ow101D *RS*

Matrix: (soil/water) WATER Lab Sample ID: VBLK26

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: E3085

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 09/11/91

Column: (pack/cap) PACK Dilution Factor: 1.0

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	U
67-64-1-----	Acetone	10	U
75-15-0-----	Carbon Disulfide	5	U
75-35-4-----	1,1-Dichloroethene	5	U
75-34-3-----	1,1-Dichloroethane	5	U
540-59-0-----	1,2-Dichloroethene (total)	5	U
67-66-3-----	Chloroform	5	U
107-06-2-----	1,2-Dichloroethane	5	U
78-93-3-----	2-Butanone	10	U
71-55-6-----	1,1,1-Trichloroethane	5	U
56-23-5-----	Carbon Tetrachloride	5	U
108-05-4-----	Vinyl Acetate	10	U
75-27-4-----	Bromodichloromethane	5	U
78-87-5-----	1,2-Dichloropropane	5	U
10061-01-5-----	cis-1,3-dichloropropene	5	U
79-01-6-----	Trichloroethene	5	U
124-48-1-----	Dibromochloromethane	5	U
79-00-5-----	1,1,2-Trichloroethane	5	U
71-43-2-----	Benzene	5	U
10061-02-6-----	trans-1,3-dichloropropene	5	U
75-25-2-----	Bromoform	5	U
108-10-1-----	4-Methyl-2-Pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	5	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5	
108-88-3-----	Toluene	5	
108-90-7-----	Chlorobenzene	5	
100-41-4-----	Ethylbenzene	5	
100-42-5-----	Styrene	5	
1330-20-7-----	Total Xylenes	5	

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBK26

Lab Name: RECRA ENVIRON Contract: NY91-831R
Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101 ^{NS}
Matrix: (soil/water) WATER Lab Sample ID: VBK26
Sample wt/vol: 5.0 (g/mL) ML Lab File ID: E3085
Level: (low/med) LOW Date Received: _____
Moisture: not dec. _____ Date Analyzed: 09/11/91
Column (pack/cap) PACK Dilution Factor: 1.0

Number TICs found: 0

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

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

4B
SEMIVOLATILE METHOD BLANK SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3608 SAS No.: SDG No.: OW101D NY

Lab File ID: 6207W Lab Sample ID: SBLK18

Date Extracted: 09/11/91 Extraction: (SepF/Cont/Sonc) SEPE

Date Analyzed: 09/19/91 Time Analyzed: 1317

Matrix: (soil/water) WATER Level: (low/med) LOW

Instrument ID: I50W

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	=====	=====	=====	=====
01	MSBLANK	MSBLANK	6208W	09/19/91
02	OW101D	OW101D	6275W	09/24/91
03	OW101S	OW101S	6209W	09/19/91
04	OW102D	OW102D	6215W	09/19/91
05	OW102DRE	OW102DRE	6276W	09/24/91
06	OW102S	OW102S	6213W	09/19/91
07	OW103D	OW103D	6278W	09/24/91
08	OW103S	OW103S	6277W	09/24/91
09	OW104D	OW104D	6280W	09/25/91
10	OW104S	OW104S	6279W	09/24/91
11	OW105D	OW105D	6332W	09/27/91
12	OW105S	OW105S	6281W	09/25/91
13	OW106D	OW106D	6291W	09/25/91
14	OW106S	OW106S	6283W	09/25/91
15	OW202D	OW202D	6294W	09/25/91
16	OW202S	OW202S	6293W	09/25/91
17	OW203D	OW203D	6296W	09/25/91
18	OW203S	OW203S	6295W	09/25/91
19	OW204D	OW204D	6298W	09/25/91
20	OW204S	OW204S	6297W	09/25/91
21	OW205	OW205	6292W	09/25/91
22	OW101SMS	OW101SMS	6210W	09/19/91
23	OW101SMSD	OW101SMSD	6211W	09/19/91

COMMENTS: SBLK18 JOB2552 BN3865/66
AUTOSAMPLR I50W

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK18

Lab Name: RECRA ENVIRONContract: NY91-831RLab Code: RECNY Case No.: 3608

SAS No.: _____

SDG No.: OW101 *P*Matrix: (soil/water) WATERLab Sample ID: SBLK18Sample wt/vol: 1000 (g/mL) MLLab File ID: 6207WLevel: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____ dec. _____

Date Extracted: 09/11/91Extraction: (SepF/Cont/Sonc) SEPFDate Analyzed: 09/19/91GPC Cleanup: (Y/N) N pH: 7.0Dilution Factor: 1.0

CAS NO. COMPOUND CONCENTRATION UNITS:
(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
100-51-6-----	Benzyl Alcohol	10	U
95-50-1-----	1,2-Dichlorobenzene	10	U
95-48-7-----	2-Methylphenol	10	U
108-60-1-----	bis(2-Chloroisopropyl) Ether	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
65-85-0-----	Benzoic Acid	50	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	50	U
91-58-7-----	2-Chloronaphthalene	10	U
88-74-4-----	2-Nitroaniline	50	U
131-11-3-----	Dimethyl Phthalate	10	U
208-96-8-----	Acenaphthylene	10	U
606-20-2-----	2,6-Dinitrotoluene	10	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK18

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101 ¹⁵

Matrix: (soil/water) WATER Lab Sample ID: SBLK18

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 6207W

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/11/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 09/19/91

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
99-09-2-----	3-Nitroaniline	50	U
83-32-9-----	Acenaphthene	10	U
51-28-5-----	2,4-Dinitrophenol	50	U
100-02-7-----	4-Nitrophenol	50	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	50	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	50	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	50	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	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	20	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	
193-39-5-----	Indeno(1,2,3-cd) Pyrene	10	
53-70-3-----	Dibenz(a,h) Anthracene	10	
191-24-2-----	Benzo(g,h,i) Perylene	10	

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

125

Lab Name: RECRA ENVIRONMENTAL, INC.

EPA Sample No.: SBLK18

Lab Code: RECNY Case No: 3608 SAS No.:

Contract: NY91-831R

SDG No.: OW101 *10/31/91*

Matrix (Soil/Water): WATER

Lab Sample ID.: SBLK18

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

Lab File ID.: 6207W

Level (low/med): LOW

Date Received:

% Moisture not Dec: Dec:

Date Extracted: 09/11/91

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

Date Analyzed: 09/19/91

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

Dilution Factor: 1.0

Number TICs Found: 0

Concentration Units:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1				
2				
3				
4				
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8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

126

Lab Name: RECRA ENVIRON Contract: NY91-831R
 Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101
 Lab File ID (Standard): D5158 Date Analyzed: 09/10/91
 Instrument ID: 51D Time Analyzed: 1018
 Matrix: (soil/water) WATER Level: (low/med) LOW Column: (pack/cap) PACK

	IS1 (BCM) AREA #	RT	IS2 (DFB) AREA #	RT	IS3 (CBZ) AREA #	RT
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	25000	8.10	123000	18.19	120000	22.90
=====	=====	=====	=====	=====	=====	=====
UPPER LIMIT	50000		246000		240000	
=====	=====	=====	=====	=====	=====	=====
LOWER LIMIT	12500		61500		60000	
=====	=====	=====	=====	=====	=====	=====
EPA SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 MSBLANK	26200	8.17	117000	18.19	113000	22.90
02 OW101D	25500	8.13	121000	18.19	113000	22.90
03 OW101S	25900	8.17	120000	18.19	109000	22.90
04 OW102D	26000	8.13	121000	18.15	109000	22.87
05 OW102S	25600	8.10	117000	18.19	110000	22.90
06 OW103D	26200	8.10	121000	18.12	111000	22.87
07 OW103S	26200	8.10	122000	18.15	113000	22.87
08 OW104D	26300	8.07	121000	18.12	111000	22.87
09 OW104S	26500	8.13	119000	18.15	112000	22.87
10 OW203D	26200	8.13	121000	18.19	111000	22.90
11 TRIPBLANK	24400	8.18	113000	18.19	107000	22.90
12 VHBLANK	24100	8.10	111000	18.19	106000	22.90
13 OW101SMS	25600	8.10	119000	18.15	114000	22.90
14 OW101SMSD	25600	8.13	118000	18.19	113000	22.90
15 VBLK31	24600	8.10	113000	18.19	108000	22.90

IS1 (BCM) = Bromochloromethane
 IS2 (DFB) = 1,4-Difluorobenzene
 IS3 (CBZ) = Chlorobenzene

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

Column used to flag internal standard area values with an asterisk

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-831R
 Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101 *MS*
 Lab File ID (Standard): E3065 Date Analyzed: 09/10/91
 Instrument ID: 51E Time Analyzed: 1023
 Matrix: (soil/water) WATER Level: (low/med) LOW Column: (pack/cap) PACK

	IS1 (BCM) AREA #	RT	IS2 (DFB) AREA #	RT	IS3 (CBZ) AREA #	RT
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	34300	8.03	152000	18.27	139000	23.14
=====	=====	=====	=====	=====	=====	=====
UPPER LIMIT	68600		304000		278000	
=====	=====	=====	=====	=====	=====	=====
LOWER LIMIT	17150		76000		69500	
=====	=====	=====	=====	=====	=====	=====
EPA SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 OW105D	33800	8.07	144000	18.27	134000	23.14
02 OW105S	34100	8.07	144000	18.27	131000	23.17
03 OW106D	33900	8.03	143000	18.24	133000	23.09
04 OW106S	34000	8.03	144000	18.27	133000	23.14
05 OW205	34000	8.03	144000	18.27	131000	23.14
06 VBLK25	34600	8.03	146000	18.27	134000	23.17

IS1 (BCM) = Bromochloromethane
 IS2 (DFB) = 1,4-Difluorobenzene
 IS3 (CBZ) = Chlorobenzene

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

Column used to flag internal standard area values with an asterisk

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-831R
 Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101 ^{MS}
 Lab File ID (Standard): E3082 Date Analyzed: 09/10/91
 Instrument ID: 51E Time Analyzed: 2148
 Matrix: (soil/water) WATER Level: (low/med) LOW Column: (pack/cap) PACK

	IS1 (BCM) AREA #	RT	IS2 (DFB) AREA #	RT	IS3 (CBZ) AREA #	RT
12 HOUR STD	34200	8.02	145000	18.24	133000	23.09
UPPER LIMIT	68400		290000		266000	
LOWER LIMIT	17100		72500		66500	
EPA SAMPLE NO.						
01 OW202D	33000	8.03	146000	18.24	134000	23.12
02 OW202S	34500	8.03	146000	18.27	134000	23.12
03 OW203S	34000	8.03	144000	18.27	133000	23.14
04 OW204D	34400	8.07	148000	18.27	133000	23.12
05 OW204S	35100	8.07	147000	18.27	135000	23.14
06 VBLK26	33900	8.07	144000	18.27	134000	23.14

IS1 (BCM) = Bromochloromethane
 IS2 (DFB) = 1,4-Difluorobenzene
 IS3 (CBZ) = Chlorobenzene

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

Column used to flag internal standard area values with an asterisk

8B
SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-831R
 Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101
 Lab File ID (Standard): 6203W Date Analyzed: 09/19/91
 Instrument ID: I50W Time Analyzed: 923

	IS1 (DCB) AREA #	RT	IS2 (NPT) AREA #	RT	IS3 (ANT) AREA #	RT
12 HOUR STD	11000	10.04	39100	13.75	21600	19.20
UPPER LIMIT	22000		78200		43200	
LOWER LIMIT	5500		19550		10800	
EPA SAMPLE NO.						
01 MSBLANK	9260	10.05	33400	13.75	20000	19.20
02 OW101S	9840	10.05	35900	13.75	22800	19.22
03 OW102D	11900	10.05	40100	13.75	24500	19.20
04 OW102S	13600	10.05	45300	13.75	27200	19.20
05 OW101SMS	13200	10.05	45000	13.75	28000	19.22
06 OW101SMSD	13700	10.05	47900	13.75	29100	19.22
07 SBLK18	8650	10.05	29300	13.75	17400	19.20

IS1 (DCB) = 1,4-Dichlorobenzene-d4
 IS2 (NPT) = Naphthalene-d8
 IS3 (ANT) = Acenaphthene-d10

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

Column used to flag internal standard area values with an asterisk

8C

SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-831R
 Lab Code: RECNY Case No.: 3608 SAS No.: SDG No.: OW101D
 Lab File ID (Standard): 6203W Date Analyzed: 09/19/91
 Instrument ID: I50W Time Analyzed: 923

	IS4 (PHN) AREA #	RT	IS5 (CRY) AREA #	RT	IS6 (PRY) AREA #	RT
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	31300	23.85	35200	32.24	31300	36.47
=====	=====	=====	=====	=====	=====	=====
UPPER LIMIT	62600		70400		62600	
=====	=====	=====	=====	=====	=====	=====
LOWER LIMIT	15650		17600		15650	
=====	=====	=====	=====	=====	=====	=====
EPA SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 MSBLANK	29500	23.85	24700	32.21	23900	36.46
02 OW101S	34100	23.87	30800	32.22	32200	36.47
03 OW102D	37200	23.85	36700	32.22	2300 *	36.39
04 OW102S	39700	23.85	33400	32.22	33500	36.46
05 OW101SMS	40900	23.87	36200	32.22	38100	36.46
06 OW101SMSD	41400	23.87	36700	32.22	39800	36.46
07 SBLK18	25600	23.85	20500	32.21	19400	36.44

IS4 (PHN) = Phenanthrene-d10
 IS5 (CRY) = Chrysene-d12
 IS6 (PRY) = Perylene-d12

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

Column used to flag internal standard area values with an asterisk

8B

SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: RECRA ENVIRONContract: NY91-831RLab Code: RECNY Case No.: 3608SAS No.: _____ SDG No.: OW101 ¹³Lab File ID (Standard): 6270WDate Analyzed: 09/24/91Instrument ID: I50WTime Analyzed: 1608

	IS1 (DCB) AREA #	RT	IS2 (NPT) AREA #	RT	IS3 (ANT) AREA #	RT
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	8390	9.75	31400	13.45	18000	18.87
=====	=====	=====	=====	=====	=====	=====
UPPER LIMIT	16780		62800		36000	
=====	=====	=====	=====	=====	=====	=====
LOWER LIMIT	4195		15700		9000	
=====	=====	=====	=====	=====	=====	=====
EPA SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 OW101D	11800	9.75	39000	13.44	24000	18.89
02 OW102DRE	12200	9.75	42300	13.44	23900	18.87
03 OW103D	9640	9.75	34000	13.44	20800	18.87
04 OW103S	11500	9.77	39600	13.45	24800	18.87
05 OW104D	8580	9.75	30000	13.45	18200	18.87
06 OW104S	8680	9.75	30200	13.44	17900	18.87
07 OW105S	8520	9.75	30500	13.45	18500	18.87
08 OW106S	9440	9.75	32300	13.45	18900	18.87

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

UPPER LIMIT = + 100%
of internal standard area.
LOWER LIMIT = - 50%
of internal standard area.

Column used to flag internal standard area values with an asterisk

8C

SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: RECRA ENVIRONContract: NY91-831RLab Code: RECNY Case No.: 3608SAS No.: _____ SDG No.: OW101 ⁷⁹Lab File ID (Standard): 6270WDate Analyzed: 09/24/91Instrument ID: I50WTime Analyzed: 1608

	IS4 (PHN) AREA #	RT	IS5 (CRY) AREA #	RT	IS6 (PRY) AREA #	RT
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	26200	23.50	31500	31.86	29700	36.04
=====	=====	=====	=====	=====	=====	=====
UPPER LIMIT	52400		63000		59400	
=====	=====	=====	=====	=====	=====	=====
LOWER LIMIT	13100		15750		14850	
=====	=====	=====	=====	=====	=====	=====
EPA SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 OW101D	35900	23.52	32100	31.84	25900	36.02
02 OW102DRE	35000	23.50	30600	31.84	368 *	35.97
03 OW103D	29000	23.50	25100	31.84	23900	36.02
04 OW103S	34800	23.50	31400	31.84	29700	36.04
05 OW104D	26700	23.50	22600	31.84	21400	36.02
06 OW104S	25900	23.50	22600	31.84	21300	36.02
07 OW105S	26200	23.50	22100	31.84	21700	36.02
08 OW106S	28300	23.52	24000	31.84	21700	36.04

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

UPPER LIMIT = + 100%
of internal standard area.
LOWER LIMIT = - 50%
of internal standard area.

Column used to flag internal standard area values with an asterisk

8B

SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: RECRA ENVIRONContract: NY91-831RLab Code: RECNY Case No.: 3608SAS No.: _____ SDG No.: OW101 ²⁹Lab File ID (Standard): 6285WDate Analyzed: 09/25/91Instrument ID: I50WTime Analyzed: 0842

	IS1 (DCB) AREA #	RT	IS2 (NPT) AREA #	RT	IS3 (ANT) AREA #	RT
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	9440	9.67	36100	13.37	21700	18.77
=====	=====	=====	=====	=====	=====	=====
UPPER LIMIT	18880		72200		43400	
=====	=====	=====	=====	=====	=====	=====
LOWER LIMIT	4720		18050		10850	
=====	=====	=====	=====	=====	=====	=====
EPA SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 OW106D	9290	9.69	33100	13.35	20300	18.77
02 OW202D	9800	9.69	35000	13.37	22600	18.79
03 OW202S	9010	9.69	31600	13.37	20800	18.79
04 OW203D	11000	9.69	38600	13.37	25100	18.79
05 OW203S	11000	9.69	38100	13.37	24600	18.79
06 OW204D	10800	9.69	38000	13.37	23500	18.80
07 OW204S	11400	9.69	39000	13.37	24300	18.80
08 OW205	10200	9.69	37400	13.37	22400	18.79

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

UPPER LIMIT = + 100%
of internal standard area.
LOWER LIMIT = - 50%
of internal standard area.

Column used to flag internal standard area values with an asterisk

8C

SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: RECRA ENVIRONContract: NY91-831RLab Code: RECNY Case No.: 3608SAS No.: _____ SDG No.: OW101 ^{MS}Lab File ID (Standard): 6285WDate Analyzed: 09/25/91Instrument ID: I50WTime Analyzed: 0842

		IS4 (PHN) AREA #	RT	IS5 (CRY) AREA #	RT	IS6 (PRY) AREA #	RT
	=====	=====	=====	=====	=====	=====	=====
	12 HOUR STD	31600	23.40	38600	31.74	36500	35.91
	=====	=====	=====	=====	=====	=====	=====
	UPPER LIMIT	63200		77200		73000	
	=====	=====	=====	=====	=====	=====	=====
	LOWER LIMIT	15800		19300		18250	
	=====	=====	=====	=====	=====	=====	=====
	EPA SAMPLE NO.						
	=====	=====	=====	=====	=====	=====	=====
01	OW106D	29100	23.40	24500	31.72	26500	35.91
02	OW202D	34900	23.42	31100	31.72	30800	35.91
03	OW202S	31200	23.40	27500	31.72	26900	35.91
04	OW203D	37600	23.42	33000	31.74	35000	35.92
05	OW203S	35900	23.42	31700	31.74	29900	35.91
06	OW204D	32700	23.42	27800	31.74	29800	35.92
07	OW204S	35100	23.42	31700	31.74	33200	35.91
08	OW205	34400	23.42	29300	31.74	29400	35.91

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

UPPER LIMIT = + 100%
of internal standard area.
LOWER LIMIT = - 50%
of internal standard area.

Column used to flag internal standard area values with an asterisk

8B
SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-831R
 Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW101 *ms*
 Lab File ID (Standard): 6328W Date Analyzed: 09/27/91
 Instrument ID: I50W Time Analyzed: 1348

	IS1 (DCB) AREA #	RT	IS2 (NPT) AREA #	RT	IS3 (ANT) AREA #	RT
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	6080	9.52	23100	13.19	13900	18.60
=====	=====	=====	=====	=====	=====	=====
UPPER LIMIT	12160		46200		27800	
=====	=====	=====	=====	=====	=====	=====
LOWER LIMIT	3040		11550		6950	
=====	=====	=====	=====	=====	=====	=====
EPA SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 OW105D	8940	9.50	33500	13.19	23200	18.60
=====	=====	=====	=====	=====	=====	=====

IS1 (DCB) = 1,4-Dichlorobenzene-d4
 IS2 (NPT) = Naphthalene-d8
 IS3 (ANT) = Acenaphthene-d10

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

Column used to flag internal standard area values with an asterisk

8C

SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

,ab Name: RECRA ENVIRONContract: NY91-831RLab Code: RECNY Case No.: 3608SAS No.: _____ SDG No.: OW101-7 ¹⁸,ab File ID (Standard): 6328WDate Analyzed: 09/27/91Instrument ID: I50WTime Analyzed: 1348

	IS4(PHN) AREA #	RT	IS5(CRY) AREA #	RT	IS6(PRY) AREA #	RT
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	19700	23.22	21100	31.54	21500	35.69
=====	=====	=====	=====	=====	=====	=====
UPPER LIMIT	39400		42200		43000	
=====	=====	=====	=====	=====	=====	=====
LOWER LIMIT	9850		10550		10750	
=====	=====	=====	=====	=====	=====	=====
EPA SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 OW105D	35600	23.22	34100	31.52	39300	35.69

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

UPPER LIMIT = + 100%

of internal standard area.

LOWER LIMIT = - 50%

of internal standard area.

Column used to flag internal standard area values with an asterisk

SDG OW-201-D



RECRA
ENVIRONMENTAL
INC.

**RECRA ENVIRONMENTAL, INC.***Chemical and Environmental Analysis Services*

October 21, 1991

Mr. Michael Burge
Dollinger - Afiltrona Company
3951 Westerse Parkway, Suite 200
Richmond, VA 23233

Re: Analytical Results

Dear: Mr. Burge:

Please find enclosed Organic **results** concerning the analyses of the samples recently submitted by your firm. The Pertinent Information regarding these analyses is listed below:

Quote #: NY91-831R
Case #: 3608
SDG #: OW201S
Project Name/: Dollinger
Matrix: Aqueous
Samples Received: 9/7,10/91
Sample Dates: 9/5,6,9/91

If you have any questions concerning these data, please contact Mr. Jeffrey Radin, Project Manager at (716) 691-2600 and refer to the I.D. number listed below. It has been our pleasure to provide Dollinger - Afiltrona Company with Environmental Testing Services. We look forward to serving you in the future.

Sincerely,

RECRA ENVIRONMENTAL, INC.

Kenneth C. Malinowski, PhD
Vice President

RMM/KCM/dah
Enclosure

I.D. #91-2553 Partial
#91-2571 Partial
#NY1A3608

SAMPLE DATA SUMMARY PACKAGE



RECRA
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INC.

CASE NARRATIVE

Laboratory Name: Recra Environmental, Inc.

Laboratory Code: RECNY

Case Number: 3608

SDG Number: OW201S

Contract Number: NY91-831R

Sample Identifications: OW201S
OW201D
OW201S Matrix Spike
OW201S Matrix Spike Duplicate
OW201S Matrix Duplicate

METHODOLOGY

Organic analyses were performed in accordance with New York State 1989 Analytical Services Protocol.

Inorganic analyses were performed in accordance with US Environmental Protection Agency's Contract Laboratory Protocol, Statement of Work February 1988.

GENERAL COMMENTS

Comments pertain to data on one or all pages of this report.

Results have been reported utilizing standard qualifiers (Q) as defined on the Organic and Inorganic Data Comment Pages.

Metals data will be submitted upon completion.

VOLATILE DATA

Volatile sample and standard areas are listed on the corresponding data system printouts.

Volatile data are processed utilizing Finnigan Autoquantitation and QA Formaster software. All compounds determined to be present by the computer-generated autoquantitation were subjected to a manual ion search for secondary and tertiary ions. Unedited quantitation reports have been submitted with this data package.

The Matrix Spike and Matrix Spike Duplicate for sample OW201S were received on 9/11/91. The sample OW201S was received on 9/27/91.

Sample OW201S required a reanalysis at a dilution factor of 40 (OW201SDL) due to the high concentrations of TCL compounds Vinyl Chloride, 1,2,-Dichloroethene (Total) and Trichloroethene. The TCL compounds Methylene Chloride, 1,1-Dichloroethene, 1,2-Dichloroethane, Benzene, 2-Hexanone, Toluene and Chlorobenzene were all diluted out of the reanalysis OW201SDL.

Sample OW201S required a second reanalysis at a dilution factor of 250 (OW201SDL2) due to the high concentration of TCL compounds 1,2-Dichloroethene (Total) and Trichloroethene. The TCL compound Vinyl Chloride was diluted out of sample OW201SDL2.

The Quality Control for sample OW201S was performed on the sample diluted at a factor of 250 (OW201SDL2) due to the high contraction of TCL compound Trichloroethene, which is a laboratory Spiking compound. The percent RPD was outside quality control limits for compound Trichloroethene.

SEMIVOLATILE DATA

Semivolatile sample and standard areas are listed on the corresponding data system printouts.

Semivolatile data are processed utilizing Finnigan Autoquantitation and QA Formaster software. All compounds determined to be present by the computer-generated autoquantitation were subjected to a manual ion search for secondary and tertiary ions. Unedited quantitation reports have been submitted with this data package.

Sample OW201S Matrix Spike exhibited non-compliant recoveries for the compound 4-Chloro-3-Methylphenol.

Sample OW201S Matrix Spike Duplicate exhibited non-compliant recoveries for the compound Pentachlorophenol.

The Matrix Spike Blank exhibited non-compliant recoveries for the compounds Phenol, 1,4-Dichlorobenzene, N-Nitroso-di-n-propylamine, 1,2,4-Trichlorobenzene, 4-Nitrophenol and Pentachlorophenol.



PESTICIDES/PCB DATA

Samples OW201S and OW201D were originally received on 9/7,11/91. The sample extracts were lost when the extraction vials broke. The samples were resampled and received at the laboratory on 9/18/91.

"Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or her designee, as verified by the following signature."

Kenneth R. Matiauk

10/22/91
Date



RECRA
ENVIRONMENTAL
INC.

1/20131.1

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE IDENTIFICATION
AND
ANALYTICAL REQUIREMENT SUMMARY

CUSTOMER SAMPLE CODE	LABORATORY SAMPLE CODE	ANALYTICAL REQUIREMENTS*					
		VOA* GC/MS	BNA* GC/MS	VOA* GC	PEST* PCB	METALS*	OTHER*
OW201S	91- 2553	HSL/ASP89	HSL/ASP89	-	HSL/ASP89	HSL/CLP88	-
OW201D	91- 2553	HSL/ASP89	-	-	-	HSL/CLP88	-
OW201D	91- 2571	-	HSL/ASP89	-	HSL/ASP89	-	-
Field Blank	91- 2553	HSL/ASP89	HSL/ASP89	-	-	HSL/CLP88	-

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
VOA ANALYSES

SAMPLE IDENTIFICATION	MATRIX	DATE COLLECTED	DATE RECEIVED AT LAB	DATE EXTRACTED	DATE ANALYZED
0W201S	Aqueous	9/6/91	9/7/91	NA	9/11/91
0W201D	Aqueous	9/6/91	9/7/91	NA	9/9/91
Field Blank	Aqueous	9/5/91	9/7/91	NA	9/9/91

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
B/N-A ANALYSES

SAMPLE IDENTIFICATION	MATRIX	DATE COLLECTED	DATE RECEIVED AT LAB	DATE EXTRACTED	DATE ANALYZED
OW201S	Aqueous	9/6/91	9/7/91	9/12/91	9/18/91
OW201D	Aqueous	9/9/91	9/10/91	9/12/91	9/18/91
Field Blank	Aqueous	9/5/91	9/7/91	9/12/91	9/18/91

1/20131.4

8

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
PESTICIDE/PCB ANALYSES

SAMPLE IDENTIFICATION	MATRIX	DATE COLLECTED	DATE RECEIVED AT LAB	DATE EXTRACTED	DATE ANALYZED
OW201S	Aqueous	9/6/91	9/7/91	9/19/91	9/25/91
OW201D	Aqueous	9/9/91	9/10/91	9/19/91	9/26/91
OW201S MS/MSD	Aqueous	9/10/91	9/11/91	-	-

1/20131.5

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
INORGANIC ANALYSES

SAMPLE IDENTIFICATION	MATRIX	METALS REQUESTED	DATE RECEIVED AT LAB	DATE DIGESTED	DATE ANALYZED
OW201S	Aqueous	HSL/CLP 88	9/7/91	9/20/91	9/18-27/91
OW201D	Aqueous	HSL/CLP 88	9/10/91	9/20/91	9/18-27/91
Field Blank	Aqueous	HSL/CLP 88	9/7/91	9/20/91	9/18-27/91

1/20131.6

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
ORGANIC ANALYSES

SAMPLE IDENTIFICATION	MATRIX	ANALYTICAL PROTOCOL	EXTRACTION METHOD	AUXILARY CLEAN UP	DIL/CONC FACTOR
OW201S	Aqueous	HSL/ASP89	SEPF	As Required	As Required
OW201D	Aqueous	HSL/ASP89	SEPF	As Required	As Required
Field Blank	Aqueous	HSL/ASP89	SEPF	As Required	As Required

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
INORGANIC ANALYSES

LABORATORY SAMPLE CODE	MATRIX	ANALYTICAL PROTOCOL	DIGESTION PROCEDURE	MATRIX MODIFIER	DIL/CONC FACTOR
OW201S OW201S Field Blank	Aqueous Aqueous Aqueous	HSL/ASP89 HSL/ASP89 HSL/ASP89	HSL/ASP89 HSL/ASP89 HSL/ASP89	As Required As Required As Required	As Required As Required As Required

Laboratory Name RECRA ENVIRONMENTAL, INC.

USEPA Defined Organic Data Qualifiers:

- U - Indicates compound was analyzed for but not detected.
- J - Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the mass spectral data indicate the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
- C - This flag applies to pesticide results where the identification has been confirmed by GC/MS.
- B - This flag is used when the analyte is found in the associated blank as well as in the sample.
- E - This flag identifies compounds whose concentrations exceed the calibration range of the GC/MS instrument for that specific analysis.
- D - This flag identifies all compounds identified in an analysis at a secondary dilution factor.
- G - The TCLP Matrix Spike recovery was greater than the upper limit of the analytical method.
- L - The TCLP Matrix Spike recovery was lower than the lower limit of the analytical method.
- T - This flag is used when the analyte is found in the associated TCLP extraction as well as in the sample.



Laboratory Name RECRA ENVIRONMENTAL, INC.

USEPA Defined Inorganic Data Qualifiers:

- B - Indicates a value greater than or equal to the instrument detection limit but less than the contract required detection limit.
- U - Indicates element was analyzed for but not detected. Report with the detection limit value (e.g., 100).
- E - Indicates a value estimated or not reported due to the presence of interference.
- S - Indicates value determined by Method of Standard Addition.
- N - Indicates spike sample recovery is not within control limits.
- * - Indicates duplicate analysis is not within control limits.
- + - Indicates the correlation coefficient for method of standard addition is less than 0.995.
- M - Indicates duplicate injection results exceeded control limits.
- 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.
- G - The TCLP Matrix Spike recovery was greater than the upper limit of the analytical method.
- L - The TCLP Matrix Spike recovery was lower than the lower limit of the analytical method.



1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 14

OW201D

Lab Name: RECRA ENVIRON Contract: NY91-831R
 Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW201D
 Matrix: (soil/water) WATER Lab Sample ID: OW201D
 Sample wt/vol: 5.0 (g/mL) ML Lab File ID: E3087
 Level: (low/med) LOW Date Received: 09/07/91
 Moisture: not dec. _____ Date Analyzed: 09/11/91
 Column: (pack/cap) PACK Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	7	J
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	5	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	56	
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-dichloropropene	5	U
79-01-6	Trichloroethene	82	
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	
1330-20-7	Total Xylenes	5	

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO. 15

OW201D

Lab Name: RECRA ENVIRON Contract: NY91-831R
Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW201D
Matrix: (soil/water) WATER Lab Sample ID: OW201D
Sample wt/vol: 5.0 (g/mL) ML Lab File ID: E3087
Level: (low/med) LOW Date Received: 09/07/91
Moisture: not dec. _____ Date Analyzed: 09/11/91
Column (pack/cap) PACK Dilution Factor: 1.0

Number of TICs found: 0

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

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

16
EPA SAMPLE NO.

OW201S

Lab Name: RECRA ENVIRON

Contract: NY91-831R

Lab Code: RECNY

Case No.: 3608

SAS No.: _____

SDG No.: OW201D

Matrix: (soil/water) WATER

Lab Sample ID: OW201S

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

Lab File ID: D5150

Level: (low/med) LOW

Date Received: 09/07/91

Moisture: not dec. _____

Date Analyzed: 09/09/91

Column: (pack/cap) PACK

Dilution Factor: 1.0

CAS NO.

COMPOUND

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

Q

74-87-3-----	Chloromethane	10	U
74-83-9-----	Bromomethane	10	U
75-01-4-----	Vinyl Chloride	240	E
75-00-3-----	Chloroethane	10	U
75-09-2-----	Methylene Chloride	0.6	J
67-64-1-----	Acetone	10	U
75-15-0-----	Carbon Disulfide	5	U
75-35-4-----	1,1-Dichloroethene	19	
75-34-3-----	1,1-Dichloroethane	5	U
540-59-0-----	1,2-Dichloroethene (total)	4800	E
67-66-3-----	Chloroform	4	BJ
107-06-2-----	1,2-Dichloroethane	5	U
78-93-3-----	2-Butanone	10	U
71-55-6-----	1,1,1-Trichloroethane	5	U
56-23-5-----	Carbon Tetrachloride	5	U
108-05-4-----	Vinyl Acetate	10	U
75-27-4-----	Bromodichloromethane	5	U
78-87-5-----	1,2-Dichloropropane	5	U
10061-01-5-----	cis-1,3-dichloropropene	5	U
79-01-6-----	Trichloroethene	4900	E
124-48-1-----	Dibromochloromethane	5	U
79-00-5-----	1,1,2-Trichloroethane	5	U
71-43-2-----	Benzene	0.6	J
10061-02-6-----	trans-1,3-dichloropropene	5	U
75-25-2-----	Bromoform	5	U
108-10-1-----	4-Methyl-2-Pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	23	
79-34-5-----	1,1,2,2-Tetrachloroethane	5	U
108-88-3-----	Toluene	12	
108-90-7-----	Chlorobenzene	5	U
100-41-4-----	Ethylbenzene	5	U
100-42-5-----	Styrene	5	U
1330-20-7-----	Total Xylenes	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

OW201S

Lab Name: RECRA ENVIRON Contract: NY91-831R
Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW201D
Matrix: (soil/water) WATER Lab Sample ID: OW201S
Sample wt/vol: 5.0 (g/mL) ML Lab File ID: D5150
Level: (low/med) LOW Date Received: 09/07/91
Moisture: not dec. _____ Date Analyzed: 09/09/91
Column (pack/cap) PACK Dilution Factor: 1.0

Number TICs found: 0CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OW201SDL1

Lab Name: RECRA ENVIRONContract: NY91-831RLab Code: RECNYCase No.: 3608

SAS No.: _____

SDG No.: OW201DMatrix: (soil/water) WATERLab Sample ID: OW201SDL1Sample wt/vol: 0.125 (g/mL) MLLab File ID: D5163Level: (low/med) LOWDate Received: 09/07/91

Moisture: not dec. _____

Date Analyzed: 09/10/91Column: (pack/cap) PACKDilution Factor: 1.0

CAS NO.

COMPOUND

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

Q

74-87-3-----	Chloromethane	400	U
74-83-9-----	Bromomethane	400	U
75-01-4-----	Vinyl Chloride	160	DJ
75-00-3-----	Chloroethane	400	U
75-09-2-----	Methylene Chloride	200	U
67-64-1-----	Acetone	400	U
75-15-0-----	Carbon Disulfide	200	U
75-35-4-----	1,1-Dichloroethene	200	U
75-34-3-----	1,1-Dichloroethane	200	U
540-59-0-----	1,2-Dichloroethene (total)	9500	DE
67-66-3-----	Chloroform	200	U
107-06-2-----	1,2-Dichloroethane	200	U
78-93-3-----	2-Butanone	400	U
71-55-6-----	1,1,1-Trichloroethane	200	U
56-23-5-----	Carbon Tetrachloride	200	U
108-05-4-----	Vinyl Acetate	400	U
75-27-4-----	Bromodichloromethane	200	U
78-87-5-----	1,2-Dichloropropane	200	U
10061-01-5-----	cis-1,3-dichloropropene	200	U
79-01-6-----	Trichloroethene	50000	BDE
124-48-1-----	Dibromochloromethane	200	U
79-00-5-----	1,1,2-Trichloroethane	200	U
71-43-2-----	Benzene	200	U
10061-02-6-----	trans-1,3-dichloropropene	200	U
75-25-2-----	Bromoform	200	U
108-10-1-----	4-Methyl-2-Pentanone	400	U
591-78-6-----	2-Hexanone	400	U
127-18-4-----	Tetrachloroethene	200	U
79-34-5-----	1,1,2,2-Tetrachloroethane	200	U
108-88-3-----	Toluene	200	U
108-90-7-----	Chlorobenzene	200	U
100-41-4-----	Ethylbenzene	200	U
100-42-5-----	Styrene	200	U
1330-20-7-----	Total Xylenes	200	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

OW201SDL1

Lab Name: RECRA ENVIRON Contract: NY91-831R

3b Code: RECNY Case No.: 3608 SAS No.: SDG No.: OW201D

Matrix: (soil/water) WATER Lab Sample ID: OW201SDL1

ample wt/vol: 0.125 (g/mL) ML Lab File ID: D5163

Level: (low/med) LOW Date Received: 09/07/91

% Moisture: not dec. Date Analyzed: 09/10/91

olumn (pack/cap) PACK Dilution Factor: 1.0

umber TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

20
EPA SAMPLE NO.

OW201SDL2

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW201D

Matrix: (soil/water) WATER Lab Sample ID: OW201SDL2

Sample wt/vol: 0.020 (g/mL) ML Lab File ID: E3132

Level: (low/med) LOW Date Received: 09/07/91

% Moisture: not dec. _____ Date Analyzed: 09/12/91

Column: (pack/cap) PACK Dilution Factor: 1.0

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

CAS NO. COMPOUND Q

74-87-3-----	Chloromethane	2500	U
74-83-9-----	Bromomethane	2500	U
75-01-4-----	Vinyl Chloride	2500	U
75-00-3-----	Chloroethane	2500	U
75-09-2-----	Methylene Chloride	1200	U
67-64-1-----	Acetone	2500	U
75-15-0-----	Carbon Disulfide	1200	U
75-35-4-----	1,1-Dichloroethene	1200	U
75-34-3-----	1,1-Dichloroethane	1200	U
540-59-0-----	1,2-Dichloroethene (total)	11000	D
67-66-3-----	Chloroform	1200	U
107-06-2-----	1,2-Dichloroethane	1200	U
78-93-3-----	2-Butanone	2500	U
71-55-6-----	1,1,1-Trichloroethane	1200	U
56-23-5-----	Carbon Tetrachloride	1200	U
108-05-4-----	Vinyl Acetate	2500	U
75-27-4-----	Bromodichloromethane	1200	U
78-87-5-----	1,2-Dichloropropane	1200	U
10061-01-5-----	cis-1,3-dichloropropene	1200	U
79-01-6-----	Trichloroethene	36000	D
124-48-1-----	Dibromochloromethane	1200	U
79-00-5-----	1,1,2-Trichloroethane	1200	U
71-43-2-----	Benzene	1200	U
10061-02-6-----	trans-1,3-dichloropropene	1200	U
75-25-2-----	Bromoform	1200	U
108-10-1-----	4-Methyl-2-Pentanone	2500	U
591-78-6-----	2-Hexanone	2500	U
127-18-4-----	Tetrachloroethene	1200	U
79-34-5-----	1,1,2,2-Tetrachloroethane	1200	U
108-88-3-----	Toluene	1200	U
108-90-7-----	Chlorobenzene	1200	U
100-41-4-----	Ethylbenzene	1200	U
100-42-5-----	Styrene	1200	U
1330-20-7-----	Total Xylenes	1200	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

OW201SDL2

Lab Name: RECRA ENVIRON Contract: NY91-831R
 Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW201D
 Matrix: (soil/water) WATER Lab Sample ID: OW201SDL2
 Sample wt/vol: 0.020 (g/mL) ML Lab File ID: E3132
 Level: (low/med) LOW Date Received: 09/07/91
 % Moisture: not dec. _____ Date Analyzed: 09/12/91
 Column (pack/cap) PACK Dilution Factor: 1.0

Number TICs found: 0

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

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 22

FIELDBLANK

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW201D

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

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: D5149

Level: (low/med) LOW Date Received: 09/07/91

% Moisture: not dec. _____ Date Analyzed: 09/09/91

Column: (pack/cap) PACK Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
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	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethane	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethane (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Total Xylenes	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FIELD BLANK

Lab Name: RECRA ENVIRONContract: NY91-831RLab Code: RECNYCase No.: 3608

SAS No.: _____

SDG No.: OW201DMatrix: (soil/water) WATERLab Sample ID: FIELD BLANKSample wt/vol: 5.0 (g/mL) MLLab File ID: D5149Level: (low/med) LOWDate Received: 09/07/91

Moisture: not dec. _____

Date Analyzed: 09/09/91Column (pack/cap) PACKDilution Factor: 1.0Number TICs found: 0CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VHB

Lab Name: RECRA ENVIRONContract: NY91-831RLab Code: RECNYCase No.: 3608

SAS No.: _____

SDG No.: OW201DMatrix: (soil/water) WATERLab Sample ID: VHBSample wt/vol: 5.0 (g/mL) MLLab File ID: D5148Level: (low/med) LOW

Date Received: _____

Moisture: not dec. _____

Date Analyzed: 09/09/91Column: (pack/cap) PACKDilution Factor: 1.0

CAS NO.

COMPOUND

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

Q

74-87-3-----	Chloromethane	10	U
74-83-9-----	Bromomethane	10	U
75-01-4-----	Vinyl Chloride	10	U
75-00-3-----	Chloroethane	10	U
75-09-2-----	Methylene Chloride	5	U
67-64-1-----	Acetone	10	U
75-15-0-----	Carbon Disulfide	5	U
75-35-4-----	1,1-Dichloroethene	5	U
75-34-3-----	1,1-Dichloroethane	5	U
540-59-0-----	1,2-Dichloroethene (total)	5	U
67-66-3-----	Chloroform	5	U
107-06-2-----	1,2-Dichloroethane	5	U
78-93-3-----	2-Butanone	10	U
71-55-6-----	1,1,1-Trichloroethane	5	U
56-23-5-----	Carbon Tetrachloride	5	U
108-05-4-----	Vinyl Acetate	10	U
75-27-4-----	Bromodichloromethane	5	U
78-87-5-----	1,2-Dichloropropane	5	U
10061-01-5-----	cis-1,3-dichloropropene	5	U
79-01-6-----	Trichloroethene	5	U
124-48-1-----	Dibromochloromethane	5	U
79-00-5-----	1,1,2-Trichloroethane	5	U
71-43-2-----	Benzene	5	U
10061-02-6-----	trans-1,3-dichloropropene	5	U
75-25-2-----	Bromoform	5	U
108-10-1-----	4-Methyl-2-Pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	5	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5	U
108-88-3-----	Toluene	5	U
108-90-7-----	Chlorobenzene	5	U
100-41-4-----	Ethylbenzene	5	U
100-42-5-----	Styrene	5	U
1330-20-7-----	Total Xylenes	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VHB

Lab Name: RECRA ENVIRON Contract: NY91-831R
Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW201D
Matrix: (soil/water) WATER Lab Sample ID: VHB
Sample wt/vol: 5.0 (g/mL) ML Lab File ID: D5148
Level: (low/med) LOW Date Received: _____
Moisture: not dec. _____ Date Analyzed: 09/09/91
Column (pack/cap) PACK Dilution Factor: 1.0

Number TICs found: 0CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

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

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 66

OW201D

Lab Name: RECRA ENVIRON Contract: NY91-831R
 Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW2018³₁₀₋₄₋₉₁
 Matrix: (soil/water) WATER Lab Sample ID: OW201D
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: 8901Z
 Level: (low/med) LOW Date Received: 09/10/91
 % Moisture: not dec. _____ dec. _____ Date Extracted: 09/12/91
 Extraction: (SepF/Cont/Sonc) SEPE Date Analyzed: 09/18/91
 GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	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
100-51-6	Benzyl Alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	bis(2-Chloroisopropyl)Ether	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
65-85-0	Benzoic Acid	50	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	50	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethyl Phthalate		U
208-96-8	Acenaphthylene		U
606-20-2	2,6-Dinitrotoluene		U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OW201D

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW201S

Matrix: (soil/water) WATER Lab Sample ID: OW201D

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 89012

Level: (low/med) LOW Date Received: 09/10/91

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/12/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 09/18/91

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

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

99-09-2-----	3-Nitroaniline	50	U
83-32-9-----	Acenaphthene	10	U
51-28-5-----	2,4-Dinitrophenol	50	U
100-02-7-----	4-Nitrophenol	50	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	50	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	50	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	50	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	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	20	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

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

OW201D

Lab Name: RECRA ENVIRON Contract: NY91-831R
Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW201D
Matrix: (soil/water) WATER Lab Sample ID: OW201D
Sample wt/vol: 1000 (g/mL) ML Lab File ID: 89012
Level: (low/med) LOW Date Received: 09/10/91
% Moisture: not dec. _____ dec. _____ Date Extracted: 09/12/91
Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 09/18/91
GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

Number TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

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

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OW201S

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3608 SAS No.: SDG No.: OW201S

Matrix: (soil/water) WATER Lab Sample ID: OW201S

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 88992

Level: (low/med) LOW Date Received: 09/07/91

% Moisture: not dec. dec. Date Extracted: 09/12/91

Extraction: (SepF/Cont/Sonc) SEPE Date Analyzed: 09/18/91

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	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
100-51-6	Benzyl Alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	bis(2-Chloroisopropyl) Ether	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
65-85-0	Benzoic Acid	50	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	50	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OW201S

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW201S *10-7-91*

Matrix: (soil/water) WATER Lab Sample ID: OW201S

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 88992

Level: (low/med) LOW Date Received: 09/07/91

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/12/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 09/18/91

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

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

CAS NO. COMPOUND Q

99-09-2-----	3-Nitroaniline	50	U
83-32-9-----	Acenaphthene	10	U
51-28-5-----	2,4-Dinitrophenol	50	U
100-02-7-----	4-Nitrophenol	50	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	50	U
534-52-1-----	4,6-Dinitro-2-methylphenol	50	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	50	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	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	20	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

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

OW201S

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW201S ^D₁₃₄₄

Matrix: (soil/water) WATER Lab Sample ID: OW201S

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 88992

Level: (low/med) LOW Date Received: 09/07/91

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/12/91

Extraction: (SepF/Cont/Sonc) SEPE Date Analyzed: 09/18/91

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

Number TICs found: 0

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

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

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FIELD BLANK

Lab Name: RECRA ENVIRON Contract: NY91-831R
Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW2018
Matrix: (soil/water) WATER Lab Sample ID: FIELD BLANK
Sample wt/vol: 1000 (g/mL) ML Lab File ID: 89002
Level: (low/med) LOW Date Received: 09/07/91
% Moisture: not dec. _____ dec. _____ Date Extracted: 09/12/91
Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 09/18/91
GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

CAS NO. COMPOUND CONCENTRATION UNITS:
(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
100-51-6-----	Benzyl Alcohol	10	U
95-50-1-----	1,2-Dichlorobenzene	10	U
95-48-7-----	2-Methylphenol	10	U
108-60-1-----	bis(2-Chloroisopropyl) Ether	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
65-85-0-----	Benzoic Acid	50	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	50	U
91-58-7-----	2-Chloronaphthalene	10	U
88-74-4-----	2-Nitroaniline	50	U
131-11-3-----	Dimethyl Phthalate	10	U
208-96-8-----	Acenaphthylene	10	U
606-20-2-----	2,6-Dinitrotoluene	10	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FIELDBLANK

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW2018 ^D _{11/12/91}

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

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 89002

Level: (low/med) LOW Date Received: 09/07/91

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/12/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 09/18/91

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
99-09-2-----	3-Nitroaniline	50	U
83-32-9-----	Acenaphthene	10	U
51-28-5-----	2,4-Dinitrophenol	50	U
100-02-7-----	4-Nitrophenol	50	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	50	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	50	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	50	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	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	20	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

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FIELDBLANK

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3608 SAS No.: SDG No.: OW2018^D₁₀₋₄₋₉₁

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

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 89002

Level: (low/med) LOW Date Received: 09/07/91

% Moisture: not dec. dec. Date Extracted: 09/12/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 09/18/91

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

Number TICs found: 2 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
	UNKNOWN	7.05	46	BJ
	UNKNOWN	8.65	12	J

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OW201D

Lab Name: RECRA ENVIRON Contract: _____

Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW201D

Matrix: (soil/water) WATER Lab Sample ID: SW5371A

Sample wt/vol: 800.0 (g/mL) ML Lab File ID: _____

Level: (low/med) LOW Date Received: 09/18/91

Moisture: not dec. _____ dec. _____ Date Extracted: 09/19/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 09/26/91

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
319-84-6-----	alpha-BHC	0.062	U
319-85-7-----	beta-BHC	0.062	U
319-86-8-----	delta-BHC	0.062	U
58-89-9-----	gamma-BHC(Lindane)	0.062	U
76-44-8-----	Heptachlor	0.062	U
309-00-2-----	Aldrin	0.062	U
1024-57-3-----	Heptachlor epoxide	0.062	U
959-98-8-----	Endosulfan I	0.062	U
60-57-1-----	Dieldrin	0.12	U
72-55-9-----	4,4'-DDE	0.12	U
72-20-8-----	Endrin	0.12	U
33213-65-9-----	Endosulfan II	0.12	U
72-54-8-----	4,4'-DDD	0.12	U
1031-07-8-----	Endosulfan sulfate	0.12	U
50-29-3-----	4,4'-DDT	0.12	U
72-43-5-----	Methoxychlor	0.62	U
53494-70-5-----	Endrin ketone	0.12	U
5103-71-9-----	alpha-chlordane	0.62	U
5103-74-2-----	gamma-chlordane	0.62	U
8001-35-2-----	Toxaphene	1.2	U
12674-11-2-----	Aroclor-1016	0.62	U
11104-28-2-----	Aroclor-1221	0.62	U
11141-16-5-----	Aroclor-1232	0.62	U
53469-21-9-----	Aroclor-1242	0.62	U
12672-29-6-----	Aroclor-1248	0.62	U
11097-69-1-----	Aroclor-1254	1.2	U
11096-82-5-----	Aroclor-1260	1.2	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OW201S

Lab Name: RECRA ENVIRON

Contract: _____

Lab Code: RECNYCase No.: 3608

SAS No.: _____

SDG No.: OW201DMatrix: (soil/water) WATERLab Sample ID: SW5369ASample wt/vol: 800.0 (g/mL) ML

Lab File ID: _____

Level: (low/med) LOWDate Received: 09/18/91

% Moisture: not dec. _____ dec. _____

Date Extracted: 09/19/91Extraction: (SepF/Cont/Sonc) SEPFDate Analyzed: 09/25/91GPC Cleanup: (Y/N) NpH: 7.0Dilution Factor: 1.00

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

319-84-6-----	alpha-BHC	0.062	U
319-85-7-----	beta-BHC	0.062	U
319-86-8-----	delta-BHC	0.062	U
58-89-9-----	gamma-BHC(Lindane)	0.062	U
76-44-8-----	Heptachlor	0.062	U
309-00-2-----	Aldrin	0.062	U
1024-57-3-----	Heptachlor epoxide	0.062	U
959-98-8-----	Endosulfan I	0.062	U
60-57-1-----	Dieldrin	0.12	U
72-55-9-----	4,4'-DDE	0.12	U
72-20-8-----	Endrin	0.12	U
33213-65-9-----	Endosulfan II	0.12	U
72-54-8-----	4,4'-DDD	0.12	U
1031-07-8-----	Endosulfan sulfate	0.12	U
50-29-3-----	4,4'-DDT	0.12	U
72-43-5-----	Methoxychlor	0.62	U
53494-70-5-----	Endrin ketone	0.12	U
5103-71-9-----	alpha-chlordane	0.62	U
5103-74-2-----	gamma-chlordane	0.62	U
8001-35-2-----	Toxaphene	1.2	U
12674-11-2-----	Aroclor-1016	0.62	U
11104-28-2-----	Aroclor-1221	0.62	U
11141-16-5-----	Aroclor-1232	0.62	U
53469-21-9-----	Aroclor-1242	0.62	U
12672-29-6-----	Aroclor-1248	0.62	U
11097-69-1-----	Aroclor-1254	1.2	U
11096-82-5-----	Aroclor-1260	1.2	U

2A
WATER VOLATILE SURROGATE RECOVERY

37

ab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3608 SAS No.: SDG No.: OW201D

	EPA SAMPLE NO.	S1 (TOL) #	S2 (BFB) #	S3 (DCE) #	OTHER	TOT OUT
01	FIELD BLANK	106	103	102	0	0
02	MSBLANK	100	98	96	0	0
03	OW201D	96	100	98	0	0
04	OW201S	103	99	97	0	0
05	OW201SDL1	106	104	95	0	0
06	OW201SDL2	98	100	87	0	0
07	VHB	107	105	99	0	0
08	OW201SMSDDL2	98	101	86	0	0
09	OW201SMSDL2	98	101	92	0	0
10	VLK30	106	103	94	0	0
11	VLK31	106	104	100	0	0
12	VLK26	97	102	98	0	0
13	VLK28	102	97	94	0	0

QC LIMITS

S1 (TOL) = Toluene-d8 (88-110)
 S2 (BFB) = Bromofluorobenzene (86-115)
 S3 (DCE) = 1,2-Dichloroethane-d4 (76-114)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogates diluted out

2C

WATER SEMIVOLATILE SURROGATE RECOVERY

Lab Name: RECRA ENVIRONContract: NY91-831RLab Code: RECNYCase No.: 3608

SAS No.: _____

SDG No.: OW2018 ^D ₁₀₇₋₉₁

	EPA SAMPLE NO.	S1 (NBZ) #	S2 (FBP) #	(TPH) #	S4 (PHL) #	S5 (2FP) #	S6 (TBP) #	OTHER	TOT OUT
01	FIELD BLANK	59	64		44	74	71	0	0
02	MSBLANK	63	72		41	73	69	0	0
03	OW201D	80	77		45	77	70	0	0
04	OW201S	66	65		44	68	85	0	0
05	OW201SMS	66	66		47	69	82	0	0
06	OW201MSD	72	72		44	67	81	0	0
07	SBLK97	57	64		43	70	79	0	0

QC LIMITS

S1 (NBZ) = Nitrobenzene-d5 (35-114)
 S2 (FBP) = 2-Fluorobiphenyl (43-116)
 S3 (TPH) = Terphenyl (33-141)
 S4 (PHL) = Phenol-d5 (10-94)
 S5 (2FP) = 2-Fluorophenol (21-100)
 S6 (TBP) = 2,4,6-Tribromophenol (10-123)

Column to be used to flag recovery values
 * Values outside of contract required QC limits
 D Surrogates diluted out

2E
WATER PESTICIDE SURROGATE RECOVERY

Lab Name: RECRA ENVIRON Contract: _____

Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW201D

	EPA SAMPLE NO.	S1 (DBC) #	OTHER
	=====	=====	=====
01	PBLK01	96	0
02	MSB01	95	0
03	OW201D	91	0
04	OW201S	76	0
05	OW201SMS	90	0
06	OW201SMSD	89	0

ADVISORY
QC LIMITS
(24-154)

S1 (DBC) = Dibutylchloroendate

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogates diluted out

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW201D

Matrix Spike - EPA Sample No.: OW201SDL2

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC LIMITS REC.
1,1-Dichloroethene	12500	0	12600	101	61-145
Trichloroethene	12500	36000	46600	85	71-120
Benzene	12500	0	12500	100	76-127
Toluene	12500	0	12400	99	76-125
Chlorobenzene	12500	0	12900	103	75-130

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD REC.
1,1-Dichloroethene	12500	13100	105	-4	14 61-145
Trichloroethene	12500	48600	101	-17 *	14 71-120
Benzene	12500	13000	104	-4	11 76-127
Toluene	12500	13200	106	-7	13 76-125
Chlorobenzene	12500	13700	110	-7	13 75-130

* Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 1 out of 5 outside limits

Spike Recovery: 0 out of 10 outside limits

COMMENTS: OW201S JOB2553
51E

3X
WATER VOLATILE MATRIX SPIKE RECOVERY

ab Name: RECRA ENVIRON Contract: _____

Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW201D

atrix Spike - Sample No.: MSBLANK

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC LIMITS REC.
=====	=====	=====	=====	=====	=====
1,1-Dichloroethene_____	50.0	0	45.2	90	75-125
Trichloroethene_____	50.0	0	46.6	93	75-125
Benzene_____	50.0	0	49.2	98	75-125
Toluene_____	50.0	0	50.4	101	75-125
Chlorobenzene_____	50.0	0	52.2	104	75-125
=====	=====	=====	=====	=====	=====

Values outside of QC limits

spike Recovery: 0 out of 5 outside limits

COMMENTS: **VBLK28**
51E

WATER SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: RECRA ENVIRON Contract: NY91-831RLab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW2018 *1045a*Matrix Spike - EPA Sample No.: OW201S

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC LIMITS REC.
Phenol	200	0	123	62	12- 86
2-Chlorophenol	200	0	179	90	27-123
1,4-Dichlorobenzene	100	0	65.8	66	36 97
N-Nitroso-di-n-prop. (1)	100	0	50.4	50	41 116
1,2,4-Trichlorobenzene	100	0	66.4	66	39 98
4-Chloro-3-methylphenol	200	0	196	98 *	23 97
Acenaphthene	100	0	77.2	77	46-118
4-Nitrophenol	200	0	104	52	10- 80
2,4-Dinitrotoluene	100	0	78.8	79	24- 96
Pentachlorophenol	200	0	17.8	9	9-103
Pyrene	100	0	82.2	82	26-127

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD	REC.
Phenol	200	118	59	5	42	12- 86
2-Chlorophenol	200	176	88	2	40	27-123
1,4-Dichlorobenzene	100	68.8	69	-4	28	36 97
N-Nitroso-di-n-prop. (1)	100	53.2	53	-6	38	41 116
1,2,4-Trichlorobenzene	100	73.0	73	-10	28	39 98
4-Chloro-3-methylphenol	200	193	96	2	42	23 97
Acenaphthene	100	84.6	85	-10	31	46-118
4-Nitrophenol	200	90.6	45	14	50	10- 80
2,4-Dinitrotoluene	100	86.6	87	-10	38	24- 96
Pentachlorophenol	200	14.8	7 *	25	50	9-103
Pyrene	100	86.4	86	-5	31	26-127

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limitsRPD: 0 out of 11 outside limitsSpike Recovery: 2 out of 22 outside limitsCOMMENTS: OW201S JOB2553 BN3915/16
AUTOSAMPLER I50Z

3X
WATER SEMIVOLATILE MATRIX SPIKE RECOVERY

Lab Name: RECRA ENVIRON Contract: _____

Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW2016 *10-7-11*

Matrix Spike - Sample No.: MSBLANK

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC LIMITS REC.
Phenol	200	0	108	54 *	75-125
2-Chlorophenol	200	0	168	84	75-125
1,4-Dichlorobenzene	100	0	55.0	55 *	75-125
N-Nitroso-di-n-prop. (1)	100	0	49.6	50 *	75-125
1,2,4-Trichlorobenzene	100	0	59.6	60 *	75-125
4-Chloro-3-methylphenol	200	0	180	90	75-125
Acenaphthene	100	0	83.0	83	75-125
4-Nitrophenol	200	0	58.8	29 *	75-125
2,4-Dinitrotoluene	100	0	82.2	82	75-125
Pentachlorophenol	200	0	20.2	10 *	75-125
Pyrene	100	0	90.2	90	75-125

(1) N-Nitroso-di-n-propylamine

* Values outside of QC limits

Spike Recovery: 6 out of 11 outside limits

COMMENTS: SBLK97 JOB2553 BN3913/14
AUTOSAMPLER I50Z

3E

WATER PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: RECRA ENVIRON Contract: _____Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW201DMatrix Spike - EPA Sample No.: OW201S

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC LIMITS REC.
gamma-BHC (Lindane)	0.250	0	0.262	105	56-123
Heptachlor	0.250	0	0.245	98	40-131
Aldrin	0.250	0	0.211	84	40-120
Dieldrin	0.625	0	0.664	106	52-126
Endrin	0.625	0	0.711	114	56-121
4,4'-DDT	0.625	0	0.613	98	38-127

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD	REC.
gamma-BHC (Lindane)	0.250	0.254	102	3	15	56-123
Heptachlor	0.250	0.239	96	2	20	40-131
Aldrin	0.250	0.203	81	4	22	40-120
Dieldrin	0.625	0.646	103	3	18	52-126
Endrin	0.625	0.702	112	2	21	56-121
4,4'-DDT	0.625	0.602	96	2	27	38-127

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 6 outside limitsSpike Recovery: 0 out of 12 outside limits

COMMENTS:

3G
SOIL PESTICIDE MATRIX SPIKE BLANK RECOVERY

Lab Name: RECRA ENVIRONMENTAL, INC.

Contract: _____

Lab Code: RECNY

Case No.: 3608

SAS No.: _____

SDG No.: OW201D

Sample ID MSB01

Vial #: SW5372A

COMPOUND	SPIKE ADDED (ug/kg)	MSB CONCENTRATION (ug/kg)	MS % REC #	QC LIMITS % REC
gamma-BHC (Lindane)	0.20	0.19	95	75-125
Heptachlor	0.20	0.16	80	75-125
Aldrin	0.20	0.12	60*	75-125
Dieldrin	0.50	0.48	96	75-125
Endrin	0.50	0.50	100	75-125
4,4'-DDT	0.50	0.42	84	75-125

* Values outside of QC limits

Spike Recovery: 1 out of 6 outside limits

COMMENTS: _____

4A
VOLATILE METHOD BLANK SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-831R
Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW201D
Lab File ID: D5144 Lab Sample ID: VBLK30
Date Analyzed: 09/09/91 Time Analyzed: 1514
Matrix: (soil/water) WATER Level: (low/med) LOW
Instrument ID: 51D

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	FIELDBLANK	FIELDBLANK	D5149	1814
02	OW201S	OW201S	D5150	1850
03	VHB	VHB	D5148	1739

COMMENTS: VBLK30
51D

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

47
EPA SAMPLE NO.

VBLK30

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW201D

Matrix: (soil/water) WATER Lab Sample ID: VBLK30

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: D5144

Level: (low/med) LOW Date Received: _____

Moisture: not dec. _____ Date Analyzed: 09/09/91

Column: (pack/cap) PACK Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	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	U
67-64-1-----	Acetone	10	U
75-15-0-----	Carbon Disulfide	5	U
75-35-4-----	1,1-Dichloroethene	5	U
75-34-3-----	1,1-Dichloroethane	5	U
540-59-0-----	1,2-Dichloroethene (total)	5	U
67-66-3-----	Chloroform	0.6	J
107-06-2-----	1,2-Dichloroethane	5	U
78-93-3-----	2-Butanone	10	U
71-55-6-----	1,1,1-Trichloroethane	5	U
56-23-5-----	Carbon Tetrachloride	5	U
108-05-4-----	Vinyl Acetate	10	U
75-27-4-----	Bromodichloromethane	5	U
78-87-5-----	1,2-Dichloropropane	5	U
10061-01-5-----	cis-1,3-dichloropropene	5	U
79-01-6-----	Trichloroethene	5	U
124-48-1-----	Dibromochloromethane	5	U
79-00-5-----	1,1,2-Trichloroethane	5	U
71-43-2-----	Benzene	5	U
10061-02-6-----	trans-1,3-dichloropropene	5	U
75-25-2-----	Bromoform	5	U
108-10-1-----	4-Methyl-2-Pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	5	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5	U
108-88-3-----	Toluene	5	U
108-90-7-----	Chlorobenzene	5	U
100-41-4-----	Ethylbenzene	5	U
100-42-5-----	Styrene	5	U
1330-20-7-----	Total xylenes	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

48
EPA SAMPLE NO.

VBLK30

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW201D

Matrix: (soil/water) WATER

Lab Sample ID: VBLK30

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

Lab File ID: D5144

Level: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____

Date Analyzed: 09/09/91

Column (pack/cap) PACK

Dilution Factor: 1.0

Number TICs found: 0

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

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

49

4A
VOLATILE METHOD BLANK SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-831R
Lab Code: RECNY Case No.: 3608 SAS No.: SDG No.: OW201D
Lab File ID: D5160 Lab Sample ID: VBLK31
Date Analyzed: 09/10/91 Time Analyzed: 1158
Matrix: (soil/water) WATER Level: (low/med) LOW
Instrument ID: 51D

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO. =====	LAB SAMPLE ID =====	LAB FILE ID =====	TIME ANALYZED =====
01	OW201SDL1	OW201SDL1	D5163	1355

COMMENTS: VBLK31
51D

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK31

Lab Name: RECRA ENVIRON

Contract: NY91-831R

Lab Code: RECNY

Case No.: 3608

SAS No.: _____

SDG No.: OW201D

Matrix: (soil/water) WATER

Lab Sample ID: VBLK31

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

Lab File ID: D5160

Level: (low/med) LOW

Date Received: _____

Moisture: not dec. _____

Date Analyzed: 09/10/91

Column: (pack/cap) PACK

Dilution Factor: 1.0

CAS NO.

COMPOUND

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

Q

74-87-3-----	Chloromethane	10	U
74-83-9-----	Bromomethane	10	U
75-01-4-----	Vinyl Chloride	10	U
75-00-3-----	Chloroethane	10	U
75-09-2-----	Methylene Chloride	5	U
67-64-1-----	Acetone	10	U
75-15-0-----	Carbon Disulfide	5	U
75-35-4-----	1,1-Dichloroethene	5	U
75-34-3-----	1,1-Dichloroethane	5	U
540-59-0-----	1,2-Dichloroethene (total)	5	U
67-66-3-----	Chloroform	5	U
107-06-2-----	1,2-Dichloroethane	5	U
78-93-3-----	2-Butanone	10	U
71-55-6-----	1,1,1-Trichloroethane	5	U
56-23-5-----	Carbon Tetrachloride	5	U
108-05-4-----	Vinyl Acetate	10	U
75-27-4-----	Bromodichloromethane	5	U
78-87-5-----	1,2-Dichloropropane	5	U
10061-01-5-----	cis-1,3-dichloropropene	5	U
79-01-6-----	Trichloroethene	1	J
124-48-1-----	Dibromochloromethane	5	U
79-00-5-----	1,1,2-Trichloroethane	5	U
71-43-2-----	Benzene	5	U
10061-02-6-----	trans-1,3-dichloropropene	5	U
75-25-2-----	Bromoform	5	U
108-10-1-----	4-Methyl-2-Pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	5	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5	U
108-88-3-----	Toluene	5	U
108-90-7-----	Chlorobenzene	5	U
100-41-4-----	Ethylbenzene	5	U
100-42-5-----	Styrene	5	U
1330-20-7-----	Total Xylenes	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK31

Lab Name: RECRA ENVIRON Contract: NY91-831R
Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW201D
Matrix: (soil/water) WATER Lab Sample ID: VBLK31
Sample wt/vol: 5.0 (g/mL) ML Lab File ID: D5160
Level: (low/med) LOW Date Received: _____
a Moisture: not dec. _____ Date Analyzed: 09/10/91
Column (pack/cap) PACK Dilution Factor: 1.0

Number TICs found: 0CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

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

4A
VOLATILE METHOD BLANK SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-831R
Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW201D
Lab File ID: E3085 Lab Sample ID: VBLK26
Date Analyzed: 09/11/91 Time Analyzed: 024
Matrix: (soil/water) WATER Level: (low/med) LOW
Instrument ID: 51E

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	OW201D	OW201D	E3087	0147

COMMENTS: VBLK 26
51E

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK26

Lab Name: RECRA ENVIRON

Contract: NY91-831R

Lab Code: RECNY

Case No.: 3608

SAS No.: _____

SDG No.: OW201D

Matrix: (soil/water) WATER

Lab Sample ID: VBLK26

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

Lab File ID: E3085

Level: (low/med) LOW

Date Received: _____

Moisture: not dec. _____

Date Analyzed: 09/11/91

Column: (pack/cap) PACK

Dilution Factor: 1.0

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

74-87-3-----	Chloromethane	10	U
74-83-9-----	Bromomethane	10	U
75-01-4-----	Vinyl Chloride	10	U
75-00-3-----	Chloroethane	10	U
75-09-2-----	Methylene Chloride	5	U
67-64-1-----	Acetone	10	U
75-15-0-----	Carbon Disulfide	5	U
75-35-4-----	1,1-Dichloroethene	5	U
75-34-3-----	1,1-Dichloroethane	5	U
540-59-0-----	1,2-Dichloroethene (total)	5	U
67-66-3-----	Chloroform	5	U
107-06-2-----	1,2-Dichloroethane	5	U
78-93-3-----	2-Butanone	10	U
71-55-6-----	1,1,1-Trichloroethane	5	U
56-23-5-----	Carbon Tetrachloride	5	U
108-05-4-----	Vinyl Acetate	10	U
75-27-4-----	Bromodichloromethane	5	U
78-87-5-----	1,2-Dichloropropane	5	U
10061-01-5-----	cis-1,3-dichloropropene	5	U
79-01-6-----	Trichloroethene	5	U
124-48-1-----	Dibromochloromethane	5	U
79-00-5-----	1,1,2-Trichloroethane	5	U
71-43-2-----	Benzene	5	U
10061-02-6-----	trans-1,3-dichloropropene	5	U
75-25-2-----	Bromoform	5	U
108-10-1-----	4-Methyl-2-Pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	5	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5	U
108-88-3-----	Toluene	5	U
108-90-7-----	Chlorobenzene	5	U
100-41-4-----	Ethylbenzene	5	U
100-42-5-----	Styrene	5	U
1330-20-7-----	Total Xylenes	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK26

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW201D

Matrix: (soil/water) WATER

Lab Sample ID: VBLK26

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

Lab File ID: E3085

Level: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____

Date Analyzed: 09/11/91

Column (pack/cap) PACK

Dilution Factor: 1.0

Number TICs found: 0

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

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

4A
VOLATILE METHOD BLANK SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-831R
 Lab Code: RECNY Case No.: 3608 SAS No.: SDG No.: OW201D
 Lab File ID: E3122 Lab Sample ID: VBLK28
 Date Analyzed: 09/12/91 Time Analyzed: 1003
 Matrix: (soil/water) WATER Level: (low/med) LOW
 Instrument ID: 51E

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	MSBLANK	MSBLANK	E3121	922
02	OW201SDL2	OW201SDL2	E3132	1702
03	OW201SMSDDL2	OW201SMSDDL2	E3134	1900
04	OW201SMSDL2	OW201SMSDL2	E3133	1806

COMMENTS: VBLK28
51E

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK28

Lab Name: RECRA ENVIRONContract: NY91-831RLab Code: RECNYCase No.: 3608SAS No.: SDG No.: OW201DMatrix: (soil/water) WATERLab Sample ID: VBLK28Sample wt/vol: 5.0 (g/mL) MLLab File ID: E3122Level: (low/med) LOWDate Received: % Moisture: not dec. Date Analyzed: 09/12/91Column: (pack/cap) PACKDilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
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	U
67-64-1-----	Acetone	10	U
75-15-0-----	Carbon Disulfide	5	U
75-35-4-----	1,1-Dichloroethene	5	U
75-34-3-----	1,1-Dichloroethane	5	U
540-59-0-----	1,2-Dichloroethene (total)	5	U
67-66-3-----	Chloroform	5	U
107-06-2-----	1,2-Dichloroethane	5	U
78-93-3-----	2-Butanone	10	U
71-55-6-----	1,1,1-Trichloroethane	5	U
56-23-5-----	Carbon Tetrachloride	5	U
108-05-4-----	Vinyl Acetate	10	U
75-27-4-----	Bromodichloromethane	5	U
78-87-5-----	1,2-Dichloropropane	5	U
10061-01-5-----	cis-1,3-dichloropropene	5	U
79-01-6-----	Trichloroethene	5	U
124-48-1-----	Dibromochloromethane	5	U
79-00-5-----	1,1,2-Trichloroethane	5	U
71-43-2-----	Benzene	5	U
10061-02-6-----	trans-1,3-dichloropropene	5	U
75-25-2-----	Bromoform	5	U
108-10-1-----	4-Methyl-2-Pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	5	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5	U
108-88-3-----	Toluene	5	U
108-90-7-----	Chlorobenzene	5	U
100-41-4-----	Ethylbenzene	5	U
100-42-5-----	Styrene	5	U
1330-20-7-----	Total Xylenes	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO. 57

VBK28

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3608 SAS No.: SDG No.: QW201D

Matrix: (soil/water) WATER

Lab Sample ID: VBK28

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

Lab File ID: E3122

Level: (low/med) LOW

Date Received:

% Moisture: not dec.

Date Analyzed: 09/12/91

Column (pack/cap) PACK

Dilution Factor: 1.0

Number TICs found: 0

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

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

4B
SEMIVOLATILE METHOD BLANK SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-831R
 Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW201S
 Lab File ID: 88982 Lab Sample ID: SBLK97
 Date Extracted: 09/12/91 Extraction: (SepF/Cont/Sono) SEPF
 Date Analyzed: 09/18/91 Time Analyzed: 0928
 Matrix: (soil/water) WATER Level: (low/med) LOW
 Instrument ID: I50Z

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	=====	=====	=====	=====
01	FIELDBLANK	FIELDBLANK	8900Z	09/18/91
02	MSBLANK	MSBLANK	8902Z	09/18/91
03	OW201D	OW201D	8901Z	09/18/91
04	OW201S	OW201S	8899Z	09/18/91
05	OW201SMS	OW201SMS	8903Z	09/18/91
06	OW201SMSD	OW201SMSD	8904Z	09/18/91

COMMENTS: SBLK97 JOB2553 BN3913/14
AUTOSAMPLR I50Z

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

59
EPA SAMPLE NO.

SBLK97

Lab Name: RECRA ENVIRON Contract: NY91-831R
 Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW2018
 Matrix: (soil/water) WATER Lab Sample ID: SBLK97
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: 88982
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. _____ dec. _____ Date Extracted: 09/12/91
 Extraction: (SepF/Cont/Sonc) SEPE Date Analyzed: 09/18/91
 GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

CAS NO. COMPOUND CONCENTRATION UNITS:
(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
100-51-6-----Benzyl Alcohol	10	U
95-50-1-----1,2-Dichlorobenzene	10	U
95-48-7-----2-Methylphenol	10	U
108-60-1-----bis(2-Chloroisopropyl) Ether	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
65-85-0-----Benzoic Acid	50	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	50	U
91-58-7-----2-Chloronaphthalene	10	U
88-74-4-----2-Nitroaniline	50	U
131-11-3-----Dimethyl Phthalate	10	U
208-96-8-----Acenaphthylene	10	U
606-20-2-----2,6-Dinitrotoluene	10	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK97

Lab Name: RECRA ENVIRON Contract: NY91-831RLab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW2018 ⁰ 10-11-91Matrix: (soil/water) WATER Lab Sample ID: SBLK97Sample wt/vol: 1000 (g/mL) ML Lab File ID: 88982Level: (low/med) LOW Date Received: _____% Moisture: not dec. _____ dec. _____ Date Extracted: 09/12/91Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 09/18/91GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

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

99-09-2-----	3-Nitroaniline	50	U
83-32-9-----	Acenaphthene	10	U
51-28-5-----	2,4-Dinitrophenol	50	U
100-02-7-----	4-Nitrophenol	50	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	50	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	50	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	50	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	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	20	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

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1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBLK97

Lab Name: RECRA ENVIRON Contract: NY91-831R

Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW2018³₁₀₋₂₋₉₁

Matrix: (soil/water) WATER Lab Sample ID: SBLK97

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 88982

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/12/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 09/18/91

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
	UNKNOWN	7.02	9	J

4C
PESTICIDE METHOD BLANK SUMMARY

Lab Name: RECRA ENVIRON Contract: _____

Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW201D

Lab Sample ID: SW5368A Lab File ID: _____

Matrix: (soil/water) WATER Level: (low/med) LOW

Date Extracted: 09/19/91 Extraction: (SepF/Cont/Sonc) SEPF

Date Analyzed (1): 09/25/91 Date Analyzed (2): 09/25/91

Time Analyzed (1): 2109 Time Analyzed (2): 2109

Instrument ID (1): HP5890-5 Instrument ID (2): HP5890B5

GC Column ID (1): DB608 GC Column ID (2): DB1701

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	=====	=====	=====	=====
01	MSB01	SW5372A	09/25/91	09/25/91
02	OW201D	SW5371A	09/26/91	09/26/91
03	OW201S	SW5369A	09/25/91	09/25/91
04	OW201SMS	SW5373A	09/25/91	09/25/91
05	OW201SMSD	SW5374A	09/26/91	09/26/91

COMMENTS:

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PBLK01

Lab Name: RECRA ENVIRON Contract: _____
 Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW201D
 Matrix: (soil/water) WATER Lab Sample ID: SW5368A
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. _____ dec. _____ Date Extracted: 09/19/91
 Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 09/25/91
 GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.00

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

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
5103-71-9	alpha-chlordane	0.50	U
5103-74-2	gamma-chlordane	0.50	U
8001-35-2	Toxaphene	1.0	U
12674-11-2	Aroclor-1016	0.50	U
11104-28-2	Aroclor-1221	0.50	U
11141-16-5	Aroclor-1232	0.50	U
53469-21-9	Aroclor-1242	0.50	U
12672-29-6	Aroclor-1248	0.50	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

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8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-831R
 Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW201D
 Lab File ID (Standard): D5138 Date Analyzed: 09/09/91
 Instrument ID: 51D Time Analyzed: 1047
 Matrix:(soil/water) WATER Level:(low/med) LOW Column:(pack/cap) PACK

	IS1(BCM) AREA #	RT	IS2(DFB) AREA #	RT	IS3(CBZ) AREA #	RT
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	25200	8.10	123000	18.15	120000	22.87
=====	=====	=====	=====	=====	=====	=====
UPPER LIMIT	50400		246000		240000	
=====	=====	=====	=====	=====	=====	=====
LOWER LIMIT	12600		61500		60000	
=====	=====	=====	=====	=====	=====	=====
EPA SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 FIELDBLANK	23900	8.13	115000	18.15	106000	22.87
02 OW201S	23600	8.10	132000	18.15	122000	22.87
03 VHB	24500	8.13	117000	18.15	108000	22.87
04 VBLK30	27100	8.10	129000	18.15	117000	22.87

IS1 (BCM) = Bromochloromethane
 IS2 (DFB) = 1,4-Difluorobenzene
 IS3 (CBZ) = Chlorobenzene

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

Column used to flag internal standard area values with an asterisk

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-831R
 Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW201D
 Lab File ID (Standard): D5158 Date Analyzed: 09/10/91
 Instrument ID: 51D Time Analyzed: 1018
 Matrix:(soil/water) WATER Level:(low/med) LOW Column:(pack/cap) PACK

	IS1(BCM)		IS2(DFB)		IS3(CBZ)	
	AREA #	RT	AREA #	RT	AREA #	RT
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	25000	8.10	123000	18.19	120000	22.90
=====	=====	=====	=====	=====	=====	=====
UPPER LIMIT	50000		246000		240000	
=====	=====	=====	=====	=====	=====	=====
LOWER LIMIT	12500		61500		60000	
=====	=====	=====	=====	=====	=====	=====
EPA SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 OW201SDL1	24900	8.17	115000	18.19	109000	22.87
02 VBLK31	24600	8.10	113000	18.19	108000	22.90

IS1 (BCM) = Bromochloromethane
 IS2 (DFB) = 1,4-Difluorobenzene
 IS3 (CBZ) = Chlorobenzene

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

Column used to flag internal standard area values with an asterisk

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-831R
 Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW201D
 Lab File ID (Standard): E3082 Date Analyzed: 09/10/91
 Instrument ID: 51E Time Analyzed: 2148
 Matrix: (soil/water) WATER Level: (low/med) LOW Column: (pack/cap) PACK

	IS1 (BCM)	RT	IS2 (DFB)	RT	IS3 (CBZ)	RT
	AREA #		AREA #		AREA #	
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	34200	8.02	145000	18.24	133000	23.09
=====	=====	=====	=====	=====	=====	=====
UPPER LIMIT	68400		290000		266000	
=====	=====	=====	=====	=====	=====	=====
LOWER LIMIT	17100		72500		66500	
=====	=====	=====	=====	=====	=====	=====
EPA SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 OW201D	33100	8.03	143000	18.24	134000	23.12
02 VBLK26	33900	8.07	144000	18.27	134000	23.14

IS1 (BCM) = Bromochloromethane
 IS2 (DFB) = 1,4-Difluorobenzene
 IS3 (CBZ) = Chlorobenzene

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

Column used to flag internal standard area values with an asterisk

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-831R
 Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW201D
 Lab File ID (Standard): E3120 Date Analyzed: 09/12/91
 Instrument ID: 51E Time Analyzed: 813
 Matrix: (soil/water) WATER Level: (low/med) LOW Column: (pack/cap) PACK

	IS1 (BCM) AREA #	RT	IS2 (DFB) AREA #	RT	IS3 (CBZ) AREA #	RT
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	33100	8.02	148000	18.20	138000	23.05
=====	=====	=====	=====	=====	=====	=====
UPPER LIMIT	66200		296000		276000	
=====	=====	=====	=====	=====	=====	=====
LOWER LIMIT	16550		74000		69000	
=====	=====	=====	=====	=====	=====	=====
EPA SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 MSBLANK	32200	8.03	145000	18.24	131000	23.12
02 OW201SDL2	37200	8.02	161000	18.24	149000	23.12
03 OW201SMSDDL2	38500	8.03	165000	18.24	151000	23.14
04 OW201SMSDL2	36100	8.02	161000	18.24	148000	23.12
05 VBLK28	33800	8.03	147000	18.24	133000	23.12

IS1 (BCM) = Bromochloromethane
 IS2 (DFB) = 1,4-Difluorobenzene
 IS3 (CBZ) = Chlorobenzene

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

Column used to flag internal standard area values with an asterisk

8B
SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

68

Lab Name: RECRA ENVIRON

Contract: NY91-831R

Lab Code: RECNY Case No.: 3608

SAS No.: _____

SDG No.: OW2013 ³ *15-14*

Lab File ID (Standard): 88972

Date Analyzed: 09/18/91

Instrument ID: I50Z

Time Analyzed: 830

	IS1(DCB) AREA #	RT	IS2(NPT) AREA #	RT	IS3(ANT) AREA #	RT
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	12800	9.17	49900	12.85	26400	18.25
=====	=====	=====	=====	=====	=====	=====
UPPER LIMIT	25600		99800		52800	
=====	=====	=====	=====	=====	=====	=====
LOWER LIMIT	6400		24950		13200	
=====	=====	=====	=====	=====	=====	=====
EPA SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 FIELDBLANK	11900	9.17	42100	12.82	23400	18.24
02 MSBLANK	12100	9.17	43200	12.84	22600	18.24
03 OW201D	11100	9.15	40100	12.82	22400	18.24
04 OW201S	14900	9.15	55200	12.82	32400	18.24
05 OW201SMS	11800	9.17	44100	12.84	24300	18.25
06 OW201SMSD	11900	9.17	42100	12.84	23100	18.25
07 SBLK97	13500	9.17	48100	12.82	25800	18.24

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

UPPER LIMIT = + 100%
of internal standard area.
LOWER LIMIT = - 50%
of internal standard area.

Column used to flag internal standard area values with an asterisk

8C
SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: RECRA ENVIRON Contract: NY91-831R
 Lab Code: RECNY Case No.: 3608 SAS No.: _____ SDG No.: OW2019 *Roman*
 Lab File ID (Standard): 8897Z Date Analyzed: 09/18/91
 Instrument ID: I50Z Time Analyzed: 830

	IS4 (PHN) AREA #	RT	IS5 (CRY) AREA #	RT	IS6 (PRY) AREA #	RT
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	37000	22.77	31800	31.07	31400	35.21
=====	=====	=====	=====	=====	=====	=====
UPPER LIMIT	74000		63600		62800	
=====	=====	=====	=====	=====	=====	=====
LOWER LIMIT	18500		15900		15700	
=====	=====	=====	=====	=====	=====	=====
EPA SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 FIELDBLANK	32000	22.77	23600	31.04	22100	35.21
02 MSBLANK	30900	22.77	24400	31.04	22400	35.19
03 OW201D	31100	22.77	25600	31.04	24400	35.19
04 OW201S	46800	22.77	37200	31.06	34300	35.21
05 OW201SMS	34400	22.77	27300	31.06	26100	35.21
06 OW201SMSD	32800	22.77	26400	31.06	25600	35.21
07 SBLK97	37700	22.75	29700	31.04	28500	35.19

IS4 (PHN) = Phenanthrene-d10
 IS5 (CRY) = Chrysene-d12
 IS6 (PRY) = Perylene-d12

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

Column used to flag internal standard area values with an asterisk

**RECRA ENVIRONMENTAL, INC.***Chemical and Environmental Analysis Services*

World
University
Games
Buffalo
1993
GRAND PATRON
HELPING TO BRING THE
WORLD TO BUFFALO

October 22, 1991

Mr. Michael Burge
Dollinger - Afiltrona Company
3951 Westerse Parkway, Suite 200
Richmond, VA 23233

RECEIVED
OCT 23 1991

Re: Analytical Results

H & A of New York

Dear: Mr. Burge:

Please find enclosed Inorganic results concerning the analyses of the samples recently submitted by your firm. The Pertinent Information regarding these analyses is listed below:

Quote #: NY91-831R
Case #: 3608
SDG #: OW201S
Project Name: Dollinger
Matrix: Aqueous
Samples Received: 9/7,10/91
Sample Dates: 9/5,6,9/91

If you have any questions concerning these data, please contact Mr. Jeffrey Radin, Project Manager at (716) 691-2600 and refer to the I.D. number listed below. It has been our pleasure to provide Dollinger - Afiltrona Company with Environmental Testing Services. We look forward to serving you in the future.

Sincerely,

RECRA ENVIRONMENTAL, INC.

Kenneth C. Malinowski
Kenneth C. Malinowski, PhD
Vice President

RMM/KCM/dah
Enclosure

I.D. #91-2553 Complete
591-2571 Complete
#NY 1A3608

SAMPLE DATA SUMMARY PACKAGE



RECRA
ENVIRONMENTAL
INC.

INORGANIC DATA

The extra **zzzzz's** found on the Form 14's of the Flame Inorganic Data represent the rezeroing of the instrument after each sample.

"Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or her designee, as verified by the following signature."


Kenneth C. Malinowski

10/22/91
Date



RECRA
ENVIRONMENTAL
INC.

Laboratory Name RECRA ENVIRONMENTAL, INC.

USEPA Defined Inorganic Data Qualifiers:

- B - Indicates a value greater than or equal to the instrument detection limit but less than the contract required detection limit.
- U - Indicates element was analyzed for but not detected. Report with the detection limit value (e.g., 100).
- E - Indicates a value estimated or not reported due to the presence of interference.
- S - Indicates value determined by Method of Standard Addition.
- N - Indicates spike sample recovery is not within control limits.
- * - Indicates duplicate analysis is not within control limits.
- +
- Indicates the correlation coefficient for method of standard addition is less than 0.995.
- M - Indicates duplicate injection results exceeded control limits.
- 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.
- G - The TCLP Matrix Spike recovery was greater than the upper limit of the analytical method.
- L - The TCLP Matrix Spike recovery was lower than the lower limit of the analytical method.



U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO. 05

FLDBLNK

Lab Name: RECRA_ENVIRONMENTAL_INC._ Contract: NY91-831R_

Lab Code: RECNY_ Case No.: 3608- SAS No.: _____ SDG No.: OW201S

Matrix (soil/water): WATER

Lab Sample ID: 10038_

Level (low/med): LOW -

Date Received: 09/17/91

% 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	50.0	U		P
7440-36-0	Antimony	5.0	U		F
7440-38-2	Arsenic	5.0	U		F
7440-39-3	Barium	30.0	U		P
7440-41-7	Beryllium	5.0	U		P
7440-43-9	Cadmium	5.0	U	*	P
7440-70-2	Calcium	3020	B		A
7440-47-3	Chromium	10.0	U		P
7440-48-4	Cobalt	20.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	30.0	U		P
7439-92-1	Lead	3.0	U		F
7439-95-4	Magnesium	200	U		P
7439-96-5	Manganese	5.0	U		P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	20.0	U		P
7440-09-7	Potassium	200	U		P
7782-49-2	Selenium	5.0	U	N	F
7440-22-4	Silver	10.0	U		A
7440-23-5	Sodium	335	B	E	P
7440-28-0	Thallium	5.0	U		F
7440-62-2	Vanadium	30.0	U		P
7440-66-6	Zinc	10.0	U		P
	Cyanide	10.0	U		C

Color Before: BROWN_

Clarity Before: CLOUDY

Texture: _____

Color After: COLORLESS

Clarity After: CLEAR-

Artifacts: _____

Comments:

SAMPLE - ID: -FIELD-BLANK

FORM I - IN

3/90

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO. 06

201D

Lab Name: RECRA_ENVIRONMENTAL_INC._ Contract: NY91-831R_

Lab Code: RECNY_ Case No.: 3608_ SAS No.: _____ SDG No.: OW201S

Matrix (soil/water): WATER

Lab Sample ID: 10037_____

Level (low/med): LOW —

Date Received: 09/17/91

% 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	6690	—	—	P
7440-36-0	Antimony	5.0	U	W	F
7440-38-2	Arsenic	5.0	U	—	F
7440-39-3	Barium	234	—	—	P
7440-41-7	Beryllium	5.0	U	—	P
7440-43-9	Cadmium	5.0	U	*	P
7440-70-2	Calcium	78900	—	—	A
7440-47-3	Chromium	12.5	—	—	P
7440-48-4	Cobalt	20.0	U	—	P
7440-50-8	Copper	36.9	—	—	P
7439-89-6	Iron	10200	—	—	P
7439-92-1	Lead	17.0	—	—	F
7439-95-4	Magnesium	74900	—	—	P
7439-96-5	Manganese	422	—	—	P
7439-97-6	Mercury	0.20	U	—	CV
7440-02-0	Nickel	29.7	B	—	P
7440-09-7	Potassium	7170	—	—	P
7782-49-2	Selenium	5.0	U	WN	F
7440-22-4	Silver	18.0	—	—	A
7440-23-5	Sodium	36600	—	E	P
7440-28-0	Thallium	5.0	U	—	F
7440-62-2	Vanadium	30.0	U	—	P
7440-66-6	Zinc	110	—	—	P
	Cyanide	10.0	U	—	C

Color Before: BROWN_____

Clarity Before: CLOUDY

Texture: _____

Color After: COLORLESS

Clarity After: CLEAR_

Artifacts: _____

Comments:

SAMPLE_ID: OW-201D

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO. 07

201S

Lab Name: RECRA_ENVIRONMENTAL_INC. Contract: NY91-831R

Lab Code: RECNY Case No.: 3608- SAS No.: SDG No.: OW201S

Matrix (soil/water): WATER

Lab Sample ID: 10034

Level (low/med): LOW

Date Received: 09/17/91

% 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	626	-		P
7440-36-0	Antimony	5.0	U	W	F
7440-38-2	Arsenic	5.0	U		F
7440-39-3	Barium	87.7	B		P
7440-41-7	Beryllium	5.0	U		P
7440-43-9	Cadmium	5.0	U	*	P
7440-70-2	Calcium	58700			A
7440-47-3	Chromium	10.0	U		P
7440-48-4	Cobalt	20.0	U		P
7440-50-8	Copper	17.8	B		P
7439-89-6	Iron	942			P
7439-92-1	Lead	13.0	-		F
7439-95-4	Magnesium	28100	-		P
7439-96-5	Manganese	173	-		P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	30.7	B		P
7440-09-7	Potassium	10800			P
7782-49-2	Selenium	5.0	U	N	F
7440-22-4	Silver	15.0	-		A
7440-23-5	Sodium	30500		E	P
7440-28-0	Thallium	5.0	U		F
7440-62-2	Vanadium	30.0	U		P
7440-66-6	Zinc	58.6			P
	Cyanide	10.0	U		C

Color Before: COLORLESS

Clarity Before: CLEAR

Texture:

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

SAMPLE_ID: OW-201S