



SDMS Document



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EBASCO

ARCS II PROGRAM

Remedial Planning Activities at Selected
Uncontrolled Hazardous Substance
Disposal Sites Within EPA Region II
(NY, NJ, PR, VI)



EPA Contract 68-W8-0110

EBASCO

An ENSERCH® Engineering and Construction Company

BCL
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1096

EPA WORK ASSIGNMENT NO.: 039-2LN9
EPA CONTRACT NO.: 68-W8-0110
EBASCO SERVICES INCORPORATED

ARCS II PROGRAM

FINAL
REMEDIAL INVESTIGATION REPORT
BIOCLINICAL LABORATORIES SITE
BOHEMIA, SUFFOLK COUNTY,
LONG ISLAND, NEW YORK

VOLUME III OF IV
JULY, 1992

NOTICE

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BCL 001 1100

BCL 001 1101

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

33-DB01-1-01
 AM-2-01
 For Round I BCZ41

Lab Name: SWL-TULSA Contract: 68-D9-0025
 Lab Code: SWOK Case No.: 14884 SAS No.: _____ SDG No.: BCZ41
 Matrix: (soil/water) WATER Lab Sample ID: 371301
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: H4350
 Level: (low/med) LOW Date Received: 09/13/90
 % Moisture: not dec. _____ dec. _____ Date Extracted: 09/13/90
 Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/01/90
 BPC Cleanup: (Y/N) N pH: 8.1 Dilution Factor: 1.0

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

BCL 001 1102

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ41

Lab Name: SWL-TULSA Contract: 68-D9-0025

Code: SWOK Case No.: 14884 SAS No.: _____ SDG No.: BCZ41

Matrix: (soil/water) WATER Lab Sample ID: 371301

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H4350

Level: (low/med) LOW Date Received: 09/13/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/13/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/01/90

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

BCL 001 1103

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BCZ41

Lab Name: SWL-TULSA Contract: 68-D9-0025

Code: SWOK Case No.: 14884 SAS No.: _____ SDG No.: BCZ41

Matrix: (soil/water) WATER Lab Sample ID: 371301

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H4350

Level: (low/med) LOW Date Received: 09/13/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/13/90

Extraction: (SoxH/Cont/Sonc) CONT Date Analyzed: 10/01/90

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

BCL 001 1104

(K)

BS - GW 02-2-01

01-2-01
M000)

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ44

Lab Name: G S E L I Contract: 68-D9-0038

Lab Code: GULF Case No.: 14898 SAS No.: _____ SDG No.: BCZ44

Matrix: (soil/water) WATER Lab Sample ID: EXP01

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEXP01R

Level: (low/med) LOW Date Received: 09/21/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/25/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/09/90

GPC Cleanup: (Y/N) N pH: 7.1 Dilution Factor: 1.0

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

CAS NO. COMPOUND 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

000012

BCL 001 1105

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ44

Lab Name: G S E L I Contract: 68-D9-0038

Lab Code: GULF Case No.: 14898 SAS No.: _____ SDG No.: BCZ44

Matrix: (soil/water) WATER Lab Sample ID: EXP01

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEXP01R

Level: (low/med) LOW Date Received: 09/21/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/25/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/09/90

GPC Cleanup: (Y/N) N pH: 7.1 Dilution Factor: 1.0

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

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

000013

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BCZ44

Lab Name: G S E L I Contract: 68-D9-0038

Lab Code: GULF Case No.: 14898 SAS No.: _____ SDG No.: BCZ44

Matrix: (soil/water) WATER Lab Sample ID: EXP01

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEXP01R

Level: (low/med) LOW Date Received: 09/21/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/25/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/09/90

GPC Cleanup: (Y/N) N pH: 7.1 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
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000014

BCL 001 1107

BS-GWI-2-01
7-01

0.12
1.1

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ45

Lab Name: G S E L I Contract: 68-D9-0038
Lab Code: GULF Case No.: 14898 SAS No.: _____ SDG No.: BCZ44
Matrix: (soil/water) WATER Lab Sample ID: EXP02
Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEXP02
Level: (low/med) LOW Date Received: 09/21/90
% Moisture: not dec. _____ dec. _____ Date Extracted: 09/25/90
Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/08/90
GPC Cleanup: (Y/N) N pH: 7.6 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

000019

BCL 001 1108

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ45

Lab Name: G S E L I Contract: 68-D9-0038

Lab Code: GULF Case No.: 14898 SAS No.: _____ SDG No.: BCZ44

Matrix: (soil/water) WATER Lab Sample ID: EXP02

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEXP02

Level: (low/med) LOW Date Received: 09/21/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/25/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/08/90

GPC Cleanup: (Y/N) N pH: 7.6 Dilution Factor: 1.0

CONCENTRATION UNITS:

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

CAS NO.	COMPOUND	CONCENTRATION	UNIT
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

000020

(1) - Cannot be separated from Diphenylamine

Resubmission 10/31/90
6

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BC245

Lab Name: G S E L I Contract: 68-D9-003B

Lab Code: GULF Case No.: 14898 SAS No.: _____ SDG No.: BC244

Matrix: (soil/water) WATER Lab Sample ID: EXP02

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEXP02

Level: (low/med) LOW Date Received: 09/21/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/25/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/08/90

GPC Cleanup: (Y/N) N pH: 7.6 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
1.	UNKNOWN	31.12	23 17	JN CO
2.	UNKNOWN AROMATIC	32.17	9 7.6	JN 10/31/90

32

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190

(CN)

BCL 001 1110

000021

BF-0008-1-01

18
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ46 FB

Lab Name: G S E L I

Contract: 68-D9-0038

Lab Code: GULF

Case No.: 14898

SAS No.: _____

SDG No.: BCZ44

Matrix: (soil/water) WATER

Lab Sample ID: EXPO3

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

Lab File ID: SVEXP03

Level: (low/med) LOW

Date Received: 09/21/90

% Moisture: not dec. _____ dec. _____

Date Extracted: 09/25/90

Extraction: (SepF/Cont/Sonc) CONT

Date Analyzed: 10/08/90

GPC Cleanup: (Y/N) N

pH: 7.6

Dilution Factor: 1.0

CONCENTRATION UNITS:

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

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

000033

BCL 001 1111

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ46 **FB**

Lab Name: G S E L I Contract: 68-D9-0038

Lab Code: GULF Case No.: 14898 SAS No.: _____ SDG No.: BCZ44

Matrix: (soil/water) WATER Lab Sample ID: EXP03

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEXP03

Level: (low/med) LDW Date Received: 09/21/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/25/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/08/90

GPC Cleanup: (Y/N) N pH: 7.6 Dilution Factor: 1.0

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

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	9	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

000034

(1) - Cannot be separated from Diphenylamine

BCL 001 1112

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BCZ46 FE

Lab Name: G S E L I Contract: 68-D9-0038
Lab Code: GULF Case No.: 14898 SAS No.: _____ SDG No.: BCZ44
Matrix: (soil/water) WATER Lab Sample ID: EXP03
Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEXP03
Level: (low/med) LOW Date Received: 09/21/90
% Moisture: not dec. _____ dec. _____ Date Extracted: 09/25/90
Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/08/90
GPC Cleanup: (Y/N) N pH: 7.6 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
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000036
BCL 001 1113

60-000

BS-GW03-2-01M003

1B SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ47

Lab Name: G S E L I Contract: 68-D9-0038
Lab Code: GULF Case No.: 14898 SAS No.: SDG No.: BCZ44
Matrix: (soil/water) WATER Lab Sample ID: EXP04
Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEXP04
Level: (low/med) LOW Date Received: 09/21/90
% Moisture: not dec. dec. Date Extracted: 09/25/90
Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/08/90
GPC Cleanup: (Y/N) N pH: 6.4 Dilution Factor: 1.0

Table with 4 columns: CAS NO., COMPOUND, CONCENTRATION UNITS (ug/L or ug/Kg) UG/L, and Q. Lists various compounds like Phenol, bis(2-Chloroethyl)Ether, 2-Chlorophenol, etc., with their respective CAS numbers and units.

0.00040

BCL 001 1114

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ47

Lab Name: G S E L I Contract: 68-D9-0038

Lab Code: GULF Case No.: 14898 SAS No.: _____ SDG No.: BCZ44

Matrix: (soil/water) WATER Lab Sample ID: EXP04

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEXP04

Level: (low/med) LOW Date Received: 09/21/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/25/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/08/90

GPC Cleanup: (Y/N) N pH: 6.4 Dilution Factor: 1.0

CONCENTRATION UNITS:

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

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

000041

BCL 001 115

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BCZ47

Lab Name: G S E L I Contract: 68-D9-0038
Lab Code: GULF Case No.: 14898 SAS No.: _____ SDG No.: BCZ44
Matrix: (soil/water) WATER Lab Sample ID: EXP04
Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEXP04
Level: (low/med) LOW Date Received: 09/21/90
% Moisture: not dec. _____ dec. _____ Date Extracted: 09/25/90
Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/08/90
GPC Cleanup: (Y/N) N pH: 6.4 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
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000040

BCL 001 1116

BF-0009-1-01

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ49

FB

Lab Name: G S E L I

Contract: 68-D9-0038

Lab Code: GULF

Case No.: 1489B

SAS No.: _____

SDG No.: BCZ44

Matrix: (soil/water) WATER

Lab Sample ID: EYH01

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

Lab File ID: SVEYH01

Level: (low/med) LOW

Date Received: 09/22/90

% Moisture: not dec. _____ dec. _____

Date Extracted: 09/25/90

Extraction: (SepF/Cont/Sonc) CONT

Date Analyzed: 10/08/90

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

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

000045

BCL 001 1117

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ49

Lab Name: G S E L I Contract: 68-D9-0038

Lab Code: GULF Case No.: 14898 SAS No.: _____ SDG No.: BCZ44

Matrix: (soil/water) WATER Lab Sample ID: EYH01

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEYH01

Level: (low/med) LOW Date Received: 09/22/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/25/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/08/90

GPC Cleanup: (Y/N) N pH: 7.4 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	000046 2	J
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BCZ49

Lab Name: G S E L I Contract: 68-D9-0038

Lab Code: GULF Case No.: 14898 SAS No.: _____ SDG No.: BCZ44

Matrix: (soil/water) WATER Lab Sample ID: EYH01

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEYH01

Level: (low/med) LOW Date Received: 09/22/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/25/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/08/90

GPC Cleanup: (Y/N) N pH: 7.4 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	10.94	6.0	JN

00004

BCL 001 1119

BS-GW04-2-01

M...

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ50

Lab Name: G S E L I

Contract: 68-D9-0038

Lab Code: GULF

Case No.: 14898

SAS No.: _____

SDG No.: BCZ44

Matrix: (soil/water) WATER

Lab Sample ID: EYH02

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

Lab File ID: SVEYH02

Level: (low/med) LOW

Date Received: 09/22/90

Moisture: not dec. _____ dec. _____

Date Extracted: 09/25/90

Extraction: (SepF/Cont/Sonc) CONT

Date Analyzed: 10/08/90

GPC Cleanup: (Y/N) N

pH: 6.5

Dilution 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

000056

BCL 001 1120

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ50

Lab Name: G S E L I Contract: 68-D9-0038

Lab Code: GULF Case No.: 14898 SAS No.: _____ SDG No.: BCZ44

Matrix: (soil/water) WATER Lab Sample ID: EYH02

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEYH02

Level: (low/med) LOW Date Received: 09/22/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/25/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/08/90

GPC Cleanup: (Y/N) N pH: 6.5 Dilution Factor: 1.0

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

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	5	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

BCL 001 1121

000057

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BCZ50

Lab Name: G S E L I Contract: 68-D9-0038
Lab Code: GULF Case No.: 14898 SAS No.: _____ SDG No.: BCZ44
Matrix: (soil/water) WATER Lab Sample ID: EYH02
Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEYH02
Level: (low/med) LOW Date Received: 09/22/90
% Moisture: not dec. _____ dec. _____ Date Extracted: 09/25/90
Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/08/90
GPC Cleanup: (Y/N) N pH: 6.5 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

000050

BCL 001 1122

BD-6W04-2-01

60-04 (Dupl)
M104

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ51

Lab Name: G S E L I Contract: 68-D9-0038

Lab Code: GULF Case No.: 14898 SAS No.: _____ SDG No.: BCZ44

Matrix: (soil/water) WATER Lab Sample ID: EYH03

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEYH03

Level: (low/med) LOW Date Received: 09/22/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/25/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/08/90

GPC Cleanup: (Y/N) N pH: 6.6 Dilution Factor: 1.0

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

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

000053

BCL 001 1123

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ51

Lab Name: G S E L I Contract: 68-D9-0038

Lab Code: GULF Case No.: 14898 SAS No.: _____ SDG No.: BCZ44

Matrix: (soil/water) WATER Lab Sample ID: EYH03

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEYH03

Level: (low/med) LOW Date Received: 09/22/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/25/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/08/90

GPC Cleanup: (Y/N) N pH: 6.6 Dilution Factor: 1.0

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

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	3	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

00005

(1) - Cannot be separated from Diphenylamine

BCL 001 1124

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BCZ51

Lab Name: G S E L I Contract: 68-D9-0038
 Lab Code: GULF Case No.: 14898 SAS No.: _____ SDG No.: BCZ44
 Matrix: (soil/water) WATER Lab Sample ID: EYH03
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEYH03
 Level: (low/med) LOW Date Received: 09/22/90
 % Moisture: not dec. _____ dec. _____ Date Extracted: 09/25/90
 Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/08/90
 GPC Cleanup: (Y/N) N pH: 6.6 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

BCL 001 1125

000053

GS-6W05-2-01

GW-05-01
M005

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ52

Lab Name: G S E L I Contract: 68-D9-0038

Lab Code: GULF Case No.: 14898 SAS No.: _____ SDG No.: BCZ44

Matrix: (soil/water) WATER Lab Sample ID: EYH04

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEYH04

Level: (low/med) LOW Date Received: 09/22/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/25/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/08/90

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

000070

BCL 001 1126

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ52

Lab Name: G S E L I Contract: 68-D9-0038

Lab Code: GULF Case No.: 14898 SAS No.: _____ SDG No.: BCZ44

Matrix: (soil/water) WATER Lab Sample ID: EYH04

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEYH04

Level: (low/med) LOW Date Received: 09/22/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/25/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/08/90

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	<u>Q</u>
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	5	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

000071

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BCZ52

Lab Name: G S E L I Contract: 68-D9-0038
Lab Code: GULF Case No.: 14898 SAS No.: _____ SDG No.: BCZ44
Matrix: (soil/water) WATER Lab Sample ID: EYH04
Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEYH04
Level: (low/med) LOW Date Received: 09/22/90
% Moisture: not dec. _____ dec. _____ Date Extracted: 09/25/90
Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/08/90
GFC Cleanup: (Y/N) N pH: 7.2 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
=====	=====	=====	=====	=====

000072

BCL 001 1128

35-6W06-2-01

6W-0001

MW

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ53

Lab Name: G S E L I Contract: 68-D9-0038

Lab Code: GULF Case No.: 14898 SAS No.: _____ SDG No.: BCZ44

Matrix: (soil/water) WATER Lab Sample ID: EYH05

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEYH05

Level: (low/med) LOW Date Received: 09/22/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/25/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/09/90

GPC Cleanup: (Y/N) N pH: 7.4 Dilution Factor: 1.0

CONCENTRATION UNITS:

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

108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
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

0000??

BCL 001 1129

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ53

Lab Name: G S E L I Contract: 68-D9-0038
 Lab Code: GULF Case No.: 14898 SAS No.: _____ SDG No.: BCZ44
 Matrix: (soil/water) WATER Lab Sample ID: EYH05
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEYH05
 Level: (low/med) LOW Date Received: 09/22/90
 % Moisture: not dec. _____ dec. _____ Date Extracted: 09/25/90
 Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/09/90
 GPC Cleanup: (Y/N) N pH: 7.4 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

000073

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BCZ53

Lab Name: G S E L I Contract: 68-D9-0038
Lab Code: GULF Case No.: 14898 SAS No.: _____ SDG No.: BCZ44
Matrix: (soil/water) WATER Lab Sample ID: EYH05
Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEYH05
Level: (low/med) LOW Date Received: 09/22/90
% Moisture: not dec. _____ dec. _____ Date Extracted: 09/25/90
Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/09/90
GPC Cleanup: (Y/N) N pH: 7.4 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
=====	=====	=====	=====	=====

000079

BCL 001 1131

BS-6207-2-01

Jan
M007

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ54

Lab Name: G S E L I Contract: 68-D9-0038

Lab Code: GULF Case No.: 14898 SAS No.: _____ SDG No.: BCZ44

Matrix: (soil/water) WATER Lab Sample ID: EYH06

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEYH06

Level: (low/med) LOW Date Received: 09/22/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/25/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/09/90

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

000082

BCL 001 1132

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ54

Lab Name: G S E L I Contract: 68-D9-0038

Lab Code: GULF Case No.: 14898 SAS No.: _____ SDG No.: BCZ44

Matrix: (soil/water) WATER Lab Sample ID: EYH06

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEYH06

Level: (low/med) LOW Date Received: 09/22/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/25/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/09/90

GPC Cleanup: (Y/N) N pH: 7.1 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	13	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

000083

(1) - Cannot be separated from Diphenylamine

BCL 001 1133

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BCZ54

Lab Name: G S E L I Contract: 68-D9-0038
Lab Code: GULF Case No.: 14898 SAS No.: _____ SDG No.: BCZ44
Matrix: (soil/water) WATER Lab Sample ID: EYH06
Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEYH06
Level: (low/med) LOW Date Received: 09/22/90
% Moisture: not dec. _____ dec. _____ Date Extracted: 09/25/90
Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/09/90
GPC Cleanup: (Y/N) N pH: 7.1 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
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00008

BCL 001 1134

BS-GW08-1-01 6W-08-01
M008

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ55

Lab Name: G S E L I Contract: 68-D9-0038
 Lab Code: GULF Case No.: 14898 SAS No.: _____ SDG No.: BCZ44
 Matrix: (soil/water) WATER Lab Sample ID: EYH07
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEYH07
 Level: (low/med) LOW Date Received: 09/22/90
 % Moisture: not dec. _____ dec. _____ Date Extracted: 09/25/90
 Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/09/90
 GPC Cleanup: (Y/N) N pH: 7.1 Dilution Factor: 1.0

CONCENTRATION UNITS:

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

108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
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

000089

BCL 001 1135

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ55

Lab Name: G S E L I Contract: 68-D9-0038

Lab Code: GULF Case No.: 14898 SAS No.: _____ SDG No.: BCZ44

Matrix: (soil/water) WATER Lab Sample ID: EYH07

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEYH07

Level: (low/med) LOW Date Received: 09/22/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/25/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/09/90

GPC Cleanup: (Y/N) N pH: 7.1 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	<u>Q</u>
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	2	J
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

000090

(1) - Cannot be separated from Diphenylamine

BCL 001 1136

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BCZ55

Lab Name: G S E L I Contract: 68-D9-0038

Lab Code: GULF Case No.: 14898 SAS No.: _____ SDG No.: BCZ44

Matrix: (soil/water) WATER Lab Sample ID: EYH07

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEYH07

Level: (low/med) LOW Date Received: 09/22/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/25/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/09/90

GPC Cleanup: (Y/N) N pH: 7.1 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
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BCL 001 1137

000091

BS-6209-1-01

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

6209-1-01

BCZ56

Lab Name: G S E L I Contract:
Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56
Matrix: (soil/water) WATER Lab Sample ID: EYL01
Sample Wt/vol: 1000 (g/mL) ML Lab File ID: SVEYL01
Level: (low/med) LOW Date Received: 09/25/90
Moisture: not dec. dec. Date Extracted: 09/26/90
Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/27/90
SPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

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

Table with 4 columns: CAS NO., COMPOUND, CONCENTRATION UNITS (UG/L), and Q. Lists various organic compounds like Phenol, bis(2-Chloroethyl)Ether, etc., with their respective CAS numbers and quality indicators.

BCL 001 1138

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ56

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56

Matrix: (soil/water) WATER Lab Sample ID: EYLO1

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEYLO1

Level: (low/med) LOW Date Received: 09/25/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/26/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/27/90

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	(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	2	J
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

BCL 001 1139

(1) - Cannot be separated from Diphenylamine

000017

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BCZ56

Lab Name: G S E L I Contract: _____
Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56
Matrix: (soil/water) WATER Lab Sample ID: EYL01
Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEYL01
Level: (low/med) LOW Date Received: 09/25/90
% Moisture: not dec. _____ dec. _____ Date Extracted: 09/26/90
Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/27/90
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
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000018

BCL 001 1140

BS-GW10-1-01

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ57

Lab Name: G S E L I

Contract: _____

Lab Code: GULF Case No.: 14965

SAS No.: 5511HQ

SDG No.: BCZ56

Matrix: (soil/water) WATER

Lab Sample ID: EYLO2

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

Lab File ID: SVEYLO2

Level: (low/med) LOW

Date Received: 09/25/90

% Moisture: not dec. _____ dec. _____

Date Extracted: 09/26/90

Extraction: (SepF/Cont/Sonc) CONT

Date Analyzed: 10/27/90

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

Dilution Factor: 1.0

CONCENTRATION UNITS:

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

108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
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

000023

BCL 001 1141

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ57

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56

Matrix: (soil/water) WATER Lab Sample ID: EYL02

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEYL02

Level: (low/med) LOW Date Received: 09/25/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/26/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/27/90

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	3	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

(CW) 11/10/90

000024

BCL 001 1142

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BCZ57

Lab Name: G S E L I Contract: _____
Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56
Matrix: (soil/water) WATER Lab Sample ID: EYL02
Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEYL02
Level: (low/med) LOW Date Received: 09/25/90
% Moisture: not dec. _____ dec. _____ Date Extracted: 09/26/90
Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/27/90
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
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BCL 001 1143

000025

BS-GW11-1-01

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GW11-1-01

BCZ58

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56

Matrix: (soil/water) WATER Lab Sample ID: EYL03

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEYL03

Level: (low/med) LOW Date Received: 09/25/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/26/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/27/90

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

CONCENTRATION UNITS:

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

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

000038

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ58

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56

Matrix: (soil/water) WATER Lab Sample ID: EYL03

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEYL03

Level: (low/med) LOW Date Received: 09/25/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/26/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/27/90

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

000034

BCL 001 1145

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BCZ58

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56

Matrix: (soil/water) WATER Lab Sample ID: EYL03

Sample Wt/vol: 1000 (g/mL) ML Lab File ID: SVEYL03

Level: (low/med) LOW Date Received: 09/25/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/26/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/27/90

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

000035

BCL 001 1146

BS-GW12-1-01

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
6013-1-01

BCZ59

Lab Name: G S E L I

Contract: _____

Lab Code: GULF

Case No.: 14965

SAS No.: 5511HQ

SDG No.: BCZ56

Matrix: (soil/water) WATER

Lab Sample ID: EYL04

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

Lab File ID: SVEYL04

Level: (low/med) LOW

Date Received: 09/25/90

% Moisture: not dec. _____ dec. _____

Date Extracted: 09/26/90

Extraction: (SepF/Cont/Sonc) CONT

Date Analyzed: 10/27/90

GPC Cleanup: (Y/N) N

pH: 6.6

Dilution Factor: 1.0

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

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

000039

BCL 001 1147

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ59

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56

Matrix: (soil/water) WATER Lab Sample ID: EYL04

Sample Wt/vol: 1000 (g/mL) ML Lab File ID: SVEYL04

Level: (low/med) LOW Date Received: 09/25/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/26/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/27/90

SPC Cleanup: (Y/N) N pH: 6.6 Dilution Factor: 1.0

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

CR 11/16/90

000039

BCL 001 1148

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BCZ59

Lab Name: G S E L I Contract: _____
Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56
Matrix: (soil/water) WATER Lab Sample ID: EYL04
Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEYL04
Level: (low/med) LOW Date Received: 09/25/90
% Moisture: not dec. _____ dec. _____ Date Extracted: 09/26/90
Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/27/90
GPC Cleanup: (Y/N) N pH: 6.6 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

BCL 001 1149

000040

BF-0010-1-01

FE-011-01

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: G S E L I Contract: _____

BCZ60 FB

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56

Matrix: (soil/water) WATER Lab Sample ID: EYL05

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEYL05

Level: (low/med) LOW Date Received: 09/25/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/26/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/28/90

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

BCL 001 1150

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ60

FB

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56

Matrix: (soil/water) WATER Lab Sample ID: EYL05

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEYL05

Level: (low/med) LOW Date Received: 09/25/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/26/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/28/90

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

BCL 001 1151

(1) - Cannot be separated from Diphenylamine

000049

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BCZ60

FB

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56

Matrix: (soil/water) WATER Lab Sample ID: EYL05

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEYL05

Level: (low/med) LOW Date Received: 09/25/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/26/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/28/90

GPC Cleanup: (Y/N) N pH: 7.6 Dilution Factor: 1.0

CONCENTRATION UNITS:

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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000050

BCL
001
1152

BT-0002-1-01

BE-0002-1-01

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BTB

BCZ62

Lab Name: G S E L I

Contract: _____

Lab Code: GULF

Case No.: 14965

SAS No.: 5511HQ

SDG No.: BCZ56

Matrix: (soil/water) WATER

Lab Sample ID: EYL06

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

Lab File ID: SVEYL06

Level: (low/med) LOW

Date Received: 09/25/90

% Moisture: not dec. _____ dec. _____

Date Extracted: 09/26/90

Extraction: (SepF/Cont/Sonc) CONT

Date Analyzed: 10/28/90

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

Dilution Factor: 1.0

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

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

000053

BCL
001
1153

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ62

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56

Matrix: (soil/water) WATER Lab Sample ID: EYL06

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEYL06

Level: (low/med) LOW Date Received: 09/25/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/26/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/28/90

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

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

000054

CW 11/16/90

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BCZ62

Lab Name: G S E L I Contract: _____
Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56
Matrix: (soil/water) WATER Lab Sample ID: EYL06
Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEYL06
Level: (low/med) LOW Date Received: 09/25/90
% Moisture: not dec. _____ dec. _____ Date Extracted: 09/26/90
Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/28/90
GPC Cleanup: (Y/N) N pH: 7.8 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
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BCL 001 1155

000055

BS-GW13-1-02

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

6017-1-01

BCZ63

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56

Matrix: (soil/water) WATER Lab Sample ID: EYL07

Sample wt/vol: 500 (g/mL) ML Lab File ID: SVEYL07

Level: (low/med) LOW Date Received: 09/25/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/28/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/28/90

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

CONCENTRATION UNITS:

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

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

000060

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ63

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56

Matrix: (soil/water) WATER Lab Sample ID: EYL07

Sample wt/vol: 500 (g/mL) ML Lab File ID: SVEYL07

Level: (low/med) LOW Date Received: 09/25/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/28/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/28/90

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	<u>Q</u>
99-09-2	3-Nitroaniline	100	UJ
83-32-9	Acenaphthene	20	U
51-28-5	2,4-Dinitrophenol	100	U
100-02-7	4-Nitrophenol	100	U
132-64-9	Dibenzofuran	20	U
121-14-2	2,4-Dinitrotoluene	20	U
84-66-2	Diethylphthalate	20	U
7005-72-3	4-Chlorophenyl-phenylether	20	U
86-73-7	Fluorene	20	U
100-01-6	4-Nitroaniline	100	U
534-52-1	4,6-Dinitro-2-Methylphenol	100	U
86-30-6	N-Nitrosodiphenylamine (1)	20	U
101-55-3	4-Bromophenyl-phenylether	20	U
118-74-1	Hexachlorobenzene	20	U
87-86-5	Pentachlorophenol	100	U
85-01-8	Phenanthrene	20	U
120-12-7	Anthracene	20	U
84-74-2	Di-n-Butylphthalate	20	U
206-44-0	Fluoranthene	20	U
129-00-0	Pyrene	20	U
85-68-7	Butylbenzylphthalate	20	U
91-94-1	3,3'-Dichlorobenzidine	40	U
56-55-3	Benzo(a)Anthracene	20	U
218-01-9	Chrysene	20	U
117-81-7	bis(2-Ethylhexyl)Phthalate	30	U
117-84-0	Di-n-Octyl-Phthalate	20	U
205-99-2	Benzo(b)Fluoranthene	20	U
207-08-9	Benzo(k)Fluoranthene	20	U
50-32-8	Benzo(a)Pyrene	20	U
193-39-5	Indeno(1,2,3-cd)Pyrene	20	U
53-70-3	Dibenz(a,h)Anthracene	20	U
191-24-2	Benzo(g,h,i)Perylene	20	U

(1) - Cannot be separated from Diphenylamine

000061
(CN) 11/16/90

BCL 001 1157

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BCZ63

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56

Matrix: (soil/water) WATER Lab Sample ID: EYL07

Sample wt/vol: 500 (g/mL) ML Lab File ID: SVEYL07

Level: (low/med) LOW Date Received: 09/25/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/28/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/28/90

SPC Cleanup: (Y/N) N pH: 7.2 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. 103-23-1 122-77-6	HEXANEDIOIC ACID, BIS(2-ETHY DIOCTYL ESTER	22.60	0.32	JN

(CN) 11/16/90

000062

BCL 001 1158

BF-0011-1-01

BF-0011-1-01
EPA SAMPLE NO.

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

BCZ65 FB

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56

Matrix: (soil/water) WATER Lab Sample ID: EYT01

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEYT01

Level: (low/med) LOW Date Received: 09/26/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/26/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/28/90

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

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

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

BCL 001 1159

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ65 FB

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56

Matrix: (soil/water) WATER Lab Sample ID: EYT01

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEYT01

Level: (low/med) LOW Date Received: 09/26/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/26/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/28/90

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

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

CAS NO.	COMPOUND	UG/L	Q
99-09-2	3-Nitroaniline	50	UJ
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

000072

CW 11/10/90

BCL 001 1160

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BCZ65

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56

Matrix: (soil/water) WATER Lab Sample ID: EYT01

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEYT01

Level: (low/med) LOW Date Received: 09/26/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/26/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/28/90

GPC Cleanup: (Y/N) N pH: 7.2 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
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BCL 001 1161

000073

35-GW14-101

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GW14-1-01

BCZ66

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56

Matrix: (soil/water) WATER Lab Sample ID: EYT02

Sample Wt/vol: 1000 (g/mL) ML Lab File ID: SVEYT02

Level: (low/med) LOW Date Received: 09/26/90

Moisture: not dec. _____ dec. _____ Date Extracted: 09/26/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/28/90

PC Cleanup: (Y/N) N pH: 7.1 Dilution Factor: 1.0

CONCENTRATION UNITS:

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

108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
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

BCL 001 1162

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ66

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56

Matrix: (soil/water) WATER Lab Sample ID: EYT02

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEYT02

Level: (low/med) LOW Date Received: 09/26/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/26/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/28/90

GPC Cleanup: (Y/N) N pH: 7.1 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	<u>Q</u>
99-09-2	3-Nitroaniline	50	UJ
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	5	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

BCL 001 1163

(1) - Cannot be separated from Diphenylamine

000077

CAW 11/19/90

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BCZ66

Lab Name: G S E L I Contract: _____
Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56
Matrix: (soil/water) WATER Lab Sample ID: EYT02
Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEYT02
Level: (low/med) LOW Date Received: 09/26/90
% Moisture: not dec. _____ dec. _____ Date Extracted: 09/26/90
Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/28/90
SPC Cleanup: (Y/N) N pH: 7.1 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
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000078

BS-GW15-1-02

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

6015-1-01

BCZ67

Lab Name: G S E L I

Contract: _____

Lab Code: GULF

Case No.: 14965

SAS No.: 5511HQ

SDG No.: BCZ56

Matrix: (soil/water) WATER

Lab Sample ID: EYT03

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

Lab File ID: SVEYT03

Level: (low/med) LOW

Date Received: 09/26/90

% Moisture: not dec. _____ dec. _____

Date Extracted: 09/26/90

Extraction: (SepF/Cont/Sonc) CONT

Date Analyzed: 10/28/90

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

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

BCL 001 1165

000083

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ67

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56

Matrix: (soil/water) WATER Lab Sample ID: EYT03

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEYT03

Level: (low/med) LOW Date Received: 09/26/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/26/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/28/90

SPC Cleanup: (Y/N) N pH: 7.4 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	<u>Q</u>
99-09-2	3-Nitroaniline	50	UJ
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	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

000084

CM 11/19/90

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BCZ67

Lab Name: G S E L I Contract: _____
Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56
Matrix: (soil/water) WATER Lab Sample ID: EYT03
Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEYT03
Level: (low/med) LOW Date Received: 09/26/90
% Moisture: not dec. _____ dec. _____ Date Extracted: 09/26/90
Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/28/90
GPC Cleanup: (Y/N) N pH: 7.4 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
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BCL 001 1167

000085

BS-GW16-1-02

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SD16-1-0

BCZ68

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56

Matrix: (soil/water) WATER Lab Sample ID: EYT04

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEYT04

Level: (low/med) LOW Date Received: 09/26/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/26/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/28/90

GPC Cleanup: (Y/N) N pH: 7.6 Dilution Factor: 1.0

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

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

000090

BCL 001 1168

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ68

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56

Matrix: (soil/water) WATER Lab Sample ID: EYT04

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEYT04

Level: (low/med) LOW Date Received: 09/26/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/26/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/28/90

GPC Cleanup: (Y/N) N pH: 7.6 Dilution Factor: 1.0

CONCENTRATION UNITS:

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

99-09-2	3-Nitroaniline	50	UJ
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	11	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

BCL 001 1169

000091

(1) - Cannot be separated from Diphenylamine (C₁₂H₁₁N)₂

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BCZ68

Lab Name: G S E L I Contract: _____
Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56
Matrix: (soil/water) WATER Lab Sample ID: EYT04
Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEYT04
Level: (low/med) LOW Date Received: 09/26/90
% Moisture: not dec. _____ dec. _____ Date Extracted: 09/26/90
Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/28/90
SPC Cleanup: (Y/N) N pH: 7.6 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
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000092

BCL 001 1170

BS-GW17-1-02

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

6017-1-01

BCZ69

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56

Matrix: (soil/water) WATER Lab Sample ID: EYT05

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEYT05

Level: (low/med) LOW Date Received: 09/26/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/26/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/28/90

GPC Cleanup: (Y/N) N pH: 7.4 Dilution Factor: 1.0

CONCENTRATION UNITS:

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

108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
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

BCL 001 1171

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ69

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56

Matrix: (soil/water) WATER Lab Sample ID: EYT05

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEYT05

Level: (low/med) LOW Date Received: 09/26/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/26/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/28/90

IPC Cleanup: (Y/N) N pH: 7.4 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	<u>Q</u>
99-09-2	3-Nitroaniline	50	UJ
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	72	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

CND 11/19/90
000098

BCL 001 1172

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BCZ69

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56

Matrix: (soil/water) WATER Lab Sample ID: EYT05

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEYT05

Level: (low/med) LOW Date Received: 09/26/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/26/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/28/90

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

000099

BCL 001 1173

BS-6W18-1-02

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ70
6118-1-01

Lab Name: G S E L I

Contract: _____

Lab Code: GULF

Case No.: 14965

SAS No.: 5511HQ

SDG No.: BCZ56

Matrix: (soil/water) WATER

Lab Sample ID: EYT06

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

Lab File ID: SVEYT06

Level: (low/med) LOW

Date Received: 09/26/90

Moisture: not dec. _____ dec. _____

Date Extracted: 09/26/90

Extraction: (SepF/Cont/Sonc) CONT

Date Analyzed: 10/28/90

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

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

000104

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ70

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56

Matrix: (soil/water) WATER Lab Sample ID: EYT06

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEYT06

Level: (low/med) LOW Date Received: 09/26/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/26/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/28/90

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

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

CAS NO.	COMPOUND	UG/L	g
99-09-2	3-Nitroaniline	50	UJ
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	2	J
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

BCL 001 1175

(1) - Cannot be separated from Diphenylamine 000105

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BCZ70

Lab Name: G S E L I Contract: _____
Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56
Matrix: (soil/water) WATER Lab Sample ID: EYT06
Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEYT06
Level: (low/med) LOW Date Received: 09/26/90
% Moisture: not dec. _____ dec. _____ Date Extracted: 09/26/90
Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/28/90
GPC Cleanup: (Y/N) N pH: 7.5 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
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000106

BF-0012-1-01

BF-0012-1-01
EPA SAMPLE NO.

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

BCZ72 FB

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56

Matrix: (soil/water) WATER Lab Sample ID: EYY01

Sample wt/vol: 500 (g/mL) ML Lab File ID: SVEYY01

Level: (low/med) LOW Date Received: 09/27/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/28/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/28/90

GPC Cleanup: (Y/N) N pH: 8.6 Dilution Factor: 1.0

CONCENTRATION UNITS:

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

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

000111

BCL 001 1177

© 11/19/90

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ72 FB

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56

Matrix: (soil/water) WATER Lab Sample ID: EYY01

Sample wt/vol: 500 (g/mL) ML Lab File ID: SVEYY01

Level: (low/med) LOW Date Received: 09/27/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/28/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/28/90

SPC Cleanup: (Y/N) N pH: 8.6 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	<u>Q</u>
99-09-2	3-Nitroaniline	100	UJ
83-32-9	Acenaphthene	20	U
51-28-5	2,4-Dinitrophenol	100	U
100-02-7	4-Nitrophenol	100	U
132-64-9	Dibenzofuran	20	U
121-14-2	2,4-Dinitrotoluene	20	U
84-66-2	Diethylphthalate	20	U
7005-72-3	4-Chlorophenyl-phenylether	20	U
86-73-7	Fluorene	20	U
100-01-6	4-Nitroaniline	100	U
534-52-1	4,6-Dinitro-2-Methylphenol	100	U
86-30-6	N-Nitrosodiphenylamine (1)	20	U
101-55-3	4-Bromophenyl-phenylether	20	U
118-74-1	Hexachlorobenzene	20	U
87-86-5	Pentachlorophenol	100	U
85-01-8	Phenanthrene	20	U
120-12-7	Anthracene	20	U
84-74-2	Di-n-Butylphthalate	20	U
206-44-0	Fluoranthene	20	U
129-00-0	Pyrene	6	J
85-68-7	Butylbenzylphthalate	20	U
91-94-1	3,3'-Dichlorobenzidine	40	U
56-55-3	Benzo(a)Anthracene	20	U
218-01-9	Chrysene	20	U
117-81-7	bis(2-Ethylhexyl)Phthalate	3	J
117-84-0	Di-n-Octyl Phthalate	20	U
205-99-2	Benzo(b)Fluoranthene	20	U
207-08-9	Benzo(k)Fluoranthene	20	U
50-32-8	Benzo(a)Pyrene	20	U
193-39-5	Indeno(1,2,3-cd)Pyrene	20	U
53-70-3	Dibenz(a,h)Anthracene	20	U
191-24-2	Benzo(g,h,i)Perylene	20	U

(1) - Cannot be separated from Diphenylamine

CO 11/19/90

000112

BCL 001 1178

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BCZ72 **FB**

Lab Name: G S E L I Contract: _____
Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56
Matrix: (soil/water) WATER Lab Sample ID: EYY01
Sample wt/vol: 500 (g/mL) ML Lab File ID: SVEYY01
Level: (low/med) LOW Date Received: 09/27/90
% Moisture: not dec. _____ dec. _____ Date Extracted: 09/28/90
Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/28/90
GPC Cleanup: (Y/N) N pH: 8.6 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

BCL 001 1179

000113

BS-GW19-1-01

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ73

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56

Matrix: (soil/water) WATER Lab Sample ID: EYY02

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEYY02

Level: (low/med) LOW Date Received: 09/27/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/28/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/28/90

GPC Cleanup: (Y/N) N pH: 9.6 Dilution Factor: 1.0

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

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	5	J
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	UJ
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

EW 11/19/90

000121

BCL 001 1180

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ73

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56

Matrix: (soil/water) WATER Lab Sample ID: EYY02

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEYY02

Level: (low/med) LOW Date Received: 09/27/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/28/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/28/90

GPC Cleanup: (Y/N) N pH: 9.6 Dilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L 0

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	0
99-09-2	3-Nitroaniline	50	UJ	
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	X	JU
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	46		
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	

000122

(1) - Cannot be separated from Diphenylamine (CW) 11/19/90

BCL 001 1181

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BCZ73

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56

Matrix: (soil/water) WATER Lab Sample ID: EYY02

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEYY02

Level: (low/med) LOW Date Received: 09/27/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/28/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/28/90

IPC Cleanup: (Y/N) N pH: 9.6 Dilution Factor: 1.0

Number TICs found: 6

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN KETONE	6.57	4.1	JN
2.	UNKNOWN	7.12	6.3	J
3.	UNKNOWN	8.47	4.9	J
4.	UNKNOWN KETONE	8.94	4.8	J
5.	PHENOL, -DIMETHYL-	10.65	5.6	J
6.	UNKNOWN	14.47	3.9	J

6

29 6

© CW 11/14/90

000123

BCL 001 1182

BS-GW22-1-01

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ74

6033-1-01

Lab Name: G S E L I

Contract: _____

Lab Code: GULF

Case No.: 14965

SAS No.: 5511HQ

SDG No.: BCZ56

Matrix: (soil/water) WATER

Lab Sample ID: EYY03

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

Lab File ID: SVEYY03

Level: (low/med) LOW

Date Received: 09/27/90

% Moisture: not dec. _____ dec. _____

Date Extracted: 09/28/90

Extraction: (SepF/Cont/Sonc) CONT

Date Analyzed: 10/28/90

GPC Cleanup: (Y/N) N pH: 9.7

Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	<u>Q</u>
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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 ^J
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

BCL 001 1183

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ74

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56

Matrix: (soil/water) WATER Lab Sample ID: EYY03

Sample Wt/vol: 1000 (g/mL) ML Lab File ID: SVEYY03

Level: (low/med) LOW Date Received: 09/27/90

Moisture: not dec. _____ dec. _____ Date Extracted: 09/28/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/28/90

PC Cleanup: (Y/N) N pH: 9.7 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	<u>Q</u>
99-09-2	3-Nitroaniline	50	UJ
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

CM 11/19/90

000154

BCL 001 1184

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BCZ74

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56

Matrix: (soil/water) WATER Lab Sample ID: EYY03

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEYY03

Level: (low/med) LOW Date Received: 09/27/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/28/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/28/90

GPC Cleanup: (Y/N) N pH: 9.7 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
1.	UNKNOWN	6.88	4.4	JN
2.	UNKNOWN	8.34	3.7	JN

81

(CW) 11/10/90

000155

BCL 001 1185

BS-GW21-1-01

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ75

6021-1-01

Lab Name: G S E L I

Contract: _____

Lab Code: GULF

Case No.: 14965

SAS No.: 5511HQ

SDG No.: BCZ56

Matrix: (soil/water) WATER

Lab Sample ID: EYY04

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

Lab File ID: SVEYY04

Level: (low/med) LOW

Date Received: 09/27/90

Moisture: not dec. _____ dec. _____

Date Extracted: 09/28/90

Extraction: (SepF/Cont/Sonc) CONT

Date Analyzed: 10/28/90

PC Cleanup: (Y/N) N

pH: 9.3

Dilution Factor: 1.0

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

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	UJ
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

CM 11/19/90

000167

BCL 001 186

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ75

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56

Matrix: (soil/water) WATER Lab Sample ID: EYY04

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEYY04

Level: (low/med) LOW Date Received: 09/27/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/28/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/28/90

GPC Cleanup: (Y/N) N pH: 9.3 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	UJ
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	JU
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	JU
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 000168

BCL 001 1187

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BCZ75

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56

Matrix: (soil/water) WATER Lab Sample ID: EYY04

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEYY04

Level: (low/med) LOW Date Received: 09/27/90

Moisture: not dec. _____ dec. _____ Date Extracted: 09/28/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/28/90

SPC Cleanup: (Y/N) N pH: 9.3 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
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000169

BS-GW23-1-01

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ76

Lab Name: G S E L I

Contract: _____

Lab Code: GULF

Case No.: 14965

SAS No.: 5511HQ

SDG No.: BCZ56

Matrix: (soil/water) WATER

Lab Sample ID: EYY05

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

Lab File ID: SVEYY05

Level: (low/med) LOW

Date Received: 09/27/90

% Moisture: not dec. _____ dec. _____

Date Extracted: 09/28/90

Extraction: (SepF/Cont/Sonc) CONT

Date Analyzed: 10/28/90

GPC Cleanup: (Y/N) N pH: 9.1

Dilution 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 ^J
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

BCL 001 1189

000179

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ76

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56

Matrix: (soil/water) WATER Lab Sample ID: EYY05

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEYY05

Level: (low/med) LOW Date Received: 09/27/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/28/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/28/90

PC Cleanup: (Y/N) N pH: 9.1 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	UG/L	Q
99-09-2	3-Nitroaniline	50	UJ
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 © 11/19/90

000180

BCL 001 1190

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BCZ76

Lab Name: G S E L I Contract: _____
Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56
Matrix: (soil/water) WATER Lab Sample ID: EYY05
Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEYY05
Level: (low/med) LOW Date Received: 09/27/90
% Moisture: not dec. _____ dec. _____ Date Extracted: 09/28/90
Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/28/90
GPC Cleanup: (Y/N) N pH: 9.1 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
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BCL 001 1191

000181

BF-00131-01

BF-00131-01

EPA SAMPLE NO.

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

BCZ77 FB

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56

Matrix: (soil/water) WATER Lab Sample ID: EZJ01

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEZJ01

Level: (low/med) LOW Date Received: 09/28/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/28/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/28/90

GPC Cleanup: (Y/N) N pH: 9.6 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	UJ
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

000184

CW 11/19/90

BCL 001 1192

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ77 FB

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56

Matrix: (soil/water) WATER Lab Sample ID: EZJ01

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEZJ01

Level: (low/med) LOW Date Received: 09/28/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/28/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/28/90

GPC Cleanup: (Y/N) N pH: 9.6 Dilution Factor: 1.0

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

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

99-09-2	3-Nitroaniline	50	UJ
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

BCL 001 1193

(1) - Cannot be separated from Diphenylamine ① 11/19/90 000185

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BCZ77 FB

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56

Matrix: (soil/water) WATER Lab Sample ID: EZJ01

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEZJ01

Level: (low/med) LOW Date Received: 09/28/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/28/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/28/90

SPC Cleanup: (Y/N) N pH: 9.6 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
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BCL 001 1194

000186

BS-GW20-1-01

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ78
6120-101

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56

Matrix: (soil/water) WATER Lab Sample ID: EZJ02

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEZJ02

Level: (low/med) LOW Date Received: 09/28/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/28/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/28/90

GPC Cleanup: (Y/N) N pH: 9.3 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	g
108-95-2	Phenol	10	UJ
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

BCL 001 1195

000189

11/19/90

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ78

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56

Matrix: (soil/water) WATER Lab Sample ID: EZJ02

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEZJ02

Level: (low/med) LOW Date Received: 09/28/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/28/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/28/90

GPC Cleanup: (Y/N) N pH: 9.3 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
99-09-2	3-Nitroaniline	50	UJ
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	3	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	4	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

@ 11/19/90

000190

BCL 001 1196

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BCZ78

Lab Name: G S E L I Contract: _____
Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56
Matrix: (soil/water) WATER Lab Sample ID: EZJ02
Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEZJ02
Level: (low/med) LOW Date Received: 09/28/90
% Moisture: not dec. _____ dec. _____ Date Extracted: 09/28/90
Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/28/90
GPC Cleanup: (Y/N) N pH: 9.3 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
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000191

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

35-6WLS-1-01

EPA SAMPLE NO.

Lab Name: E S E L I

Contract: _____

BCZ80
35-6WLS-1-01

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ80

Matrix: (soil/water) WATER Lab Sample ID: EZN01

Sample wt/vol: 500 (g/mL) ML Lab File ID: SVEZN01

Level: (low/med) LOW Date Received: 09/28/90

Moisture: not dec. _____ dec. _____ Date Extracted: 10/02/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/27/90

GC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/L</u>	<u>Q</u>
108-95-2	Phenol	20	U J
111-44-4	bis(2-Chloroethyl)Ether	20	U
95-57-8	2-Chlorophenol	20	U
841-73-1	1,3-Dichlorobenzene	20	U
106-46-7	1,4-Dichlorobenzene	20	U
100-51-6	Benzyl Alcohol	20	U
95-50-1	1,2-Dichlorobenzene	20	U
95-48-7	2-Methylphenol	20	U
108-40-1	bis(2-Chloroisopropyl)Ether	20	U
103-44-5	4-Methylphenol	20	U
621-64-7	N-Nitroso-Di-n-Propylamine	20	U
67-72-1	Hexachloroethane	20	U
98-95-3	Nitrobenzene	20	U
78-59-1	Isophorone	20	U
88-75-5	2-Nitrophenol	20	U
103-67-9	2,4-Dimethylphenol	20	U
65-85-0	Benzoic Acid	100	U
111-91-1	bis(2-Chloroethoxy)Methane	20	U
120-83-2	2,4-Dichlorophenol	20	U
120-82-1	1,2,4-Trichlorobenzene	20	U
91-20-3	Naphthalene	20	U
106-47-8	4-Chloroaniline	20	U
87-68-3	Hexachlorobutadiene	20	U
59-50-7	4-Chloro-3-Methylphenol	20	U
91-57-6	2-Methylnaphthalene	20	U
77-47-4	Hexachlorocyclopentadiene	20	U
88-06-2	2,4,6-Trichlorophenol	20	U
95-95-4	2,4,5-Trichlorophenol	100	U
91-58-7	2-Chloronaphthalene	20	U
88-74-4	2-Nitroaniline	100	U
131-11-3	Dimethyl Phthalate	20	U
208-96-8	Acenaphthylene	20	U
606-20-2	2,6-Dinitrotoluene	20	U

BCL 001 1198

11/20/90

000009
000002 K

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ80

Lab Name: G S E L Y Contract: _____
 Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ80
 Matrix: (soil/water) WATER Lab Sample ID: EZN01
 Sample wt/vol: 500 (g/mL) ML Lab File ID: SVEZN01
 Level: (low/med) LOW Date Received: 09/28/90
 % Moisture: not dec. _____ dec. _____ Date Extracted: 10/02/90
 Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/27/90
 GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	<u>Q</u>
99-09-2	3-Nitroaniline	100	U J
83-32-9	Acenaphthene	20	U
51-28-5	2,4-Dinitrophenol	100	U
100-02-7	4-Nitrophenol	100	U
132-64-9	Dibenzofuran	20	U
121-14-2	2,4-Dinitrotoluene	20	U
84-66-2	Diethylphthalate	20	U
7005-72-3	4-Chlorophenyl-phenylether	20	U
85-73-7	Fluorene	20	U
100-01-6	4-Nitroaniline	100	U
534-52-1	4,6-Dinitro-2-Methylphenol	100	U
86-30-6	N-Nitrosodiphenylamine (1)	20	U
101-55-3	4-Bromophenyl-phenylether	20	U
118-74-1	Hexachlorobenzene	20	U
87-86-5	Pentachlorophenol	100	U
85-01-8	Phenanthrene	20	U
100-12-7	Anthracene	20	U
84-74-2	Di-n-Butylphthalate	20	U
206-44-0	Fluoranthene	20	U
129-00-0	Pyrene	20	U
85-68-7	Butylbenzylphthalate	20	U
91-94-1	3,3'-Dichlorobenzidine	40	U
56-55-3	Benzo(a)Anthracene	20	U
218-01-9	Chrysene	20	U
117-81-7	bis(2-Ethylhexyl)Phthalate	31	B
117-84-0	Di-n-Octyl Phthalate	20	U
205-99-2	Benzo(b)Fluoranthene	20	U
207-08-9	Benzo(k)Fluoranthene	20	U
50-32-8	Benzo(a)Pyrene	20	U
193-39-5	Indeno(1,2,3-cd)Pyrene	20	U
53-70-3	Dibenz(a,h)Anthracene	20	U
191-24-2	Benzo(g,h,i)Perylene	20	U

BCL 001 1199

(1) - Cannot be separated from Diphenylamine

© 11/20/90

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BCZ80

Lab Name: G S E L I Contract: _____
Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ80
Matrix: (soil/water) WATER Lab Sample ID: EZN01
Sample wt/vol: 500 (g/mL) ML Lab File ID: SVEZN01
Level: (low/med) LOW Date Received: 09/28/90
Moisture: not dec. _____ dec. _____ Date Extracted: 10/02/90
Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/27/90
GPC Cleanup: (Y/N) N pH: 8.2 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
=====	=====	=====	=====	=====

BCL 001 1200

1B BD-GW23-1-01
 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ81

GW-23-1-01 (Dup)

Lab Name: G S E L I

Contract: _____

Lab Code: GULF Case No.: 14965

SAS No.: 5511HQ

SDG No.: BCZ80

Matrix: (soil/water) WATER

Lab Sample ID: EZN02

Sample wt/vol: 500 (g/mL) ML

Lab File ID: SVEZN02

Level: (low/med) LOW

Date Received: 09/28/90

% Moisture: not dec. _____ dec. _____

Date Extracted: 10/02/90

Extraction: (SepF/Cont/Sonc) CONT

Date Analyzed: 10/27/90

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

Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) <u>UG/L</u>	<u>U</u>
108-95-2	Phenol	20	U J
111-44-4	bis(2-Chloroethyl)Ether	20	U
95-57-8	2-Chlorophenol	20	U
541-73-1	1,3-Dichlorobenzene	20	U
106-46-7	1,4-Dichlorobenzene	20	U
100-51-6	Benzyl Alcohol	20	U
95-50-1	1,2-Dichlorobenzene	20	U
95-49-7	2-Methylphenol	20	U
108-60-1	bis(2-Chloroisopropyl)Ether	20	U
106-44-5	4-Methylphenol	20	U
621-64-7	N-Nitroso-Di-n-Propylamine	20	U
67-72-1	Hexachloroethane	20	U
98-95-3	Nitrobenzene	20	U
70-59-1	Isophorone	20	U
88-75-5	2-Nitrophenol	20	U
105-67-9	2,4-Dimethylphenol	20	U
65-85-0	Benzoic Acid	100	U
111-91-1	bis(2-Chloroethoxy)Methane	20	U
120-63-2	2,4-Dichlorophenol	20	U
120-82-1	1,2,4-Trichlorobenzene	20	U
91-20-3	Naphthalene	20	U
106-47-8	4-Chloroaniline	20	U
87-68-3	Hexachlorobutadiene	20	U
59-50-7	4-Chloro-3-Methylphenol	20	U
91-57-6	2-Methylnaphthalene	20	U
77-47-4	Hexachlorocyclopentadiene	20	U
88-06-2	2,4,6-Trichlorophenol	20	U
95-95-4	2,4,5-Trichlorophenol	100	U
91-58-7	2-Chloronaphthalene	20	U
88-74-4	2-Nitroaniline	100	U
131-11-3	Dimethyl Phthalate	20	U
208-96-8	Acenaphthylene	20	U
606-20-2	2,6-Dinitrotoluene	20	U

BCL 001 1201

GW 11/20/90

000016
~~000009~~

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ81

Lab Name: G S E L Contract: _____

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ80

Matrix: (soil/water) WATER Lab Sample ID: EZN02

Sample wt/vol: 500 (g/mL) ML Lab File ID: SVEZN02

Level: (low/med) LOW Date Received: 09/28/90

Moisture: not dec. _____ dec. _____ Date Extracted: 10/02/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/27/90

GPC Cleanup: (Y/N) N pH: 8.4 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>		
99-09-2	3-Nitroaniline	100	U	J
83-32-9	Acenaphthene	20	U	
51-28-5	2,4-Dinitrophenol	100	U	
100-02-7	4-Nitrophenol	100	U	
132-64-9	Dibenzofuran	20	U	
121-14-2	2,4-Dinitrotoluene	20	U	
84-66-2	Diethylphthalate	20	U	
7005-72-3	4-Chlorophenyl-phenylether	20	U	
86-75-7	Fluorene	20	U	
100-01-6	4-Nitroaniline	100	U	
534-52-1	4,6-Dinitro-2-Methylphenol	100	U	
84-30-6	N-Nitrosodiphenylamine (1)	20	U	
101-55-3	4-Bromophenyl-phenylether	20	U	
116-74-1	Hexachlorobenzene	20	U	
87-86-5	Pentachlorophenol	100	U	
85-01-6	Phenanthrene	20	U	
120-12-7	Anthracene	20	U	
84-74-2	Di-n-Butylphthalate	20	U	
206-44-0	Fluoranthene	20	U	
129-00-0	Pyrene	20	U	
85-68-7	Butylbenzylphthalate	20	U	
91-94-1	3,3'-Dichlorobenzidine	40	U	
56-55-3	Benzo(a)Anthracene	20	U	
218-01-9	Chrysene	20	U	
117-81-7	bis(2-Ethylhexyl)Phthalate	20	U	
117-84-0	Di-n-Octyl Phthalate	20	U	
205-99-2	Benzo(b)Fluoranthene	20	U	
207-08-9	Benzo(k)Fluoranthene	20	U	
50-32-8	Benzo(a)Pyrene	20	U	
193-37-5	Indeno(1,2,3-cd)Pyrene	20	U	
53-70-3	Dibenz(a,h)Anthracene	20	U	
191-24-2	Benzo(g,h,i)Perylene	20	U	

(1) - Cannot be separated from Diphenylamine (C) 11/19/90

BCL 001 1202

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BCZ81

Lab Name: B S E L J Contract: _____

Lab Code: GUJF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ80

Matrix: (soil/water) WATER Lab Sample ID: EZN02

Sample wt/vol: 500 (g/mL) ML Lab File ID: SVEZN02

Level: (low/med) LOW Date Received: 09/28/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 10/02/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/27/90

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

BCL 001 1203

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKW1

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56

Matrix: (soil/water) WATER Lab Sample ID: SBLKW1

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEYLSBW1R

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

Moisture: not dec. _____ dec. _____ Date Extracted: 09/26/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/28/90

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

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

000285

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKW1

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BC756

Matrix: (soil/water) WATER Lab Sample ID: SBLKW1

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEYLSBW1R

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

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/26/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/28/90

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

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

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	3	J
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

000286

BCL 001 1205

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBLKW1

Lab Name: G S E L I Contract: _____
Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56
Matrix: (soil/water) WATER Lab Sample ID: SBLKW1
Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEYLSBW1R
Level: (low/med) LOW Date Received: _____
% Moisture: not dec. _____ dec. _____ Date Extracted: 09/26/90
Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/28/90
PC Cleanup: (Y/N) N pH: 7.8 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
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000287

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKW2

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56

Matrix: (soil/water) WATER Lab Sample ID: SBLKW2

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEYYSEW2R

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

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/28/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/28/90

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

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

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

BCL 001 1207

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKW2

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56

Matrix: (soil/water) WATER Lab Sample ID: SBLKW2

Sample Wt/vol: 1000 (g/mL) ML Lab File ID: SVEYYSBW2R

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

Moisture: not dec. _____ dec. _____ Date Extracted: 09/28/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/28/90

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

CONCENTRATION UNITS:

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

000293

BCL 001 1208

1F
 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
 TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBLKW2

Lab Name: G S E L I Contract: _____
 Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56
 Matrix: (soil/water) WATER Lab Sample ID: SBLKW2
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEYYSBW2R
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. _____ dec. _____ Date Extracted: 09/28/90
 Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/28/90
 GPC Cleanup: (Y/N) N pH: 7.8 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
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BCL 001 1209

000294

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ72MS

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56

Matrix: (soil/water) WATER Lab Sample ID: EYY01MS

Sample wt/vol: 500 (g/mL) ML Lab File ID: SVEYY01MS

Level: (low/med) LOW Date Received: 09/27/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/28/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/28/90

SPC Cleanup: (Y/N) N pH: .8.6 Dilution Factor: 1.0

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

000297

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ72MS

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56

Matrix: (soil/water) WATER Lab Sample ID: EYY01MS

Sample wt/vol: 500 (g/mL) ML Lab File ID: SVEYY01MS

Level: (low/med) LOW Date Received: 09/27/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/28/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/28/90

GPC Cleanup: (Y/N) N pH: 8.6 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
99-09-2	3-Nitroaniline	100	U
83-32-9	Acenaphthene	20	U
51-28-5	2,4-Dinitrophenol	100	U
100-02-7	4-Nitrophenol	100	U
132-64-9	Dibenzofuran	20	U
121-14-2	2,4-Dinitrotoluene	20	U
84-66-2	Diethylphthalate	20	U
7005-72-3	4-Chlorophenyl-phenylether	20	U
86-73-7	Fluorene	20	U
100-01-6	4-Nitroaniline	100	U
534-52-1	4,6-Dinitro-2-Methylphenol	100	U
86-30-6	N-Nitrosodiphenylamine (1)	20	U
101-55-3	4-Bromophenyl-phenylether	20	U
118-74-1	Hexachlorobenzene	20	U
87-86-5	Pentachlorophenol	100	U
85-01-8	Phenanthrene	20	U
120-12-7	Anthracene	20	U
84-74-2	Di-n-Butylphthalate	20	U
206-44-0	Fluoranthene	20	U
129-00-0	Pyrene	20	U
85-68-7	Butylbenzylphthalate	20	U
91-94-1	3,3'-Dichlorobenzidine	40	U
56-55-3	Benzo(a)Anthracene	20	U
218-01-9	Chrysene	20	U
117-81-7	bis(2-Ethylhexyl)Phthalate	4	J
117-84-0	Di-n-Octyl Phthalate	20	U
205-99-2	Benzo(b)Fluoranthene	20	U
207-08-9	Benzo(k)Fluoranthene	20	U
50-32-8	Benzo(a)Pyrene	20	U
193-39-5	Indeno(1,2,3-cd)Pyrene	20	U
53-70-3	Dibenz(a,h)Anthracene	20	U
191-24-2	Benzo(g,h,i)Perylene	20	U

(1) - Cannot be separated from Diphenylamine

000298

BCL 001 1211

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ72MSD

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56

Matrix: (soil/water) WATER Lab Sample ID: EYY01MSD

Sample wt/vol: 500 (g/mL) ML Lab File ID: SVEYY01MSD

Level: (low/med) LOW Date Received: 09/27/90

Moisture: not dec. _____ dec. _____ Date Extracted: 09/28/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/28/90

PC Cleanup: (Y/N) N pH: 8.6 Dilution Factor: 1.0

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

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

000302

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ72MSD

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56

Matrix: (soil/water) WATER Lab Sample ID: EYY01MSD

Sample wt/vol: 500 (g/mL) ML Lab File ID: SVEYY01MSD

Level: (low/med) LOW Date Received: 09/27/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/28/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/28/90

GPC Cleanup: (Y/N) N pH: 8.6 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	UG/L	Q
99-09-2	3-Nitroaniline	100	U
83-32-9	Acenaphthene	20	U
51-28-5	2,4-Dinitrophenol	100	U
100-02-7	4-Nitrophenol	100	U
132-64-9	Dibenzofuran	20	U
121-14-2	2,4-Dinitrotoluene	20	U
84-66-2	Diethylphthalate	20	U
7005-72-3	4-Chlorophenyl-phenylether	20	U
86-73-7	Fluorene	20	U
100-01-6	4-Nitroaniline	100	U
534-52-1	4,6-Dinitro-2-Methylphenol	100	U
86-30-6	N-Nitrosodiphenylamine (1)	20	U
101-55-3	4-Bromophenyl-phenylether	20	U
118-74-1	Hexachlorobenzene	20	U
87-86-5	Pentachlorophenol	100	U
85-01-8	Phenanthrene	20	U
120-12-7	Anthracene	20	U
84-74-2	Di-n-Butylphthalate	20	U
206-44-0	Fluoranthene	20	U
129-00-0	Pyrene	20	U
85-68-7	Butylbenzylphthalate	20	U
91-94-1	3,3'-Dichlorobenzidine	40	U
56-55-3	Benzo(a)Anthracene	20	U
218-01-9	Chrysene	20	U
117-81-7	bis(2-Ethylhexyl)Phthalate	72	U
117-84-0	Di-n-Octyl Phthalate	20	U
205-99-2	Benzo(b)Fluoranthene	20	U
207-08-9	Benzo(k)Fluoranthene	20	U
50-32-8	Benzo(a)Pyrene	20	U
193-39-5	Indeno(1,2,3-cd)Pyrene	20	U
53-70-3	Dibenz(a,h)Anthracene	20	U
191-24-2	Benzo(g,h,i)Perylene	20	U

(1) - Cannot be separated from Diphenylamine

000303

BCL 001 1213

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKW1

Lab Name: G S E L I Contract: _____
 Lab Code: GUIF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ80
 Matrix: (soil/water) WATER Lab Sample ID: SBLKW1
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEZNSBW1
 Level: (low/med) LOW Date Received: _____
 Moisture: not dec. _____ dec. _____ Date Extracted: 10/02/90
 Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/27/90
 EPA Cleanup: (Y/N) N pH: 7.8 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	
206-96-8	Acenaphthylene	10	U	
606-20-2	2,6-Dinitrotoluene	10	U	

BCL 001 1214

~~000005k~~
00008r

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKW1

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: 14965 SAS No.: 5511HO SDG No.: BCZ80

Matrix: (soil/water) WATER Lab Sample ID: SBLKW1

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEZNSBW1

Level: 1 (low/med) LOW Date Received: _____

% Moisture: not dec. _____ dec. _____ Date Extracted: 10/02/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/27/90

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>		@
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	
123-14-2	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	
84-30-6	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	5	J	
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	3	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

BCL 001 1215

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBLKW1

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ90

Matrix: (soil/water) WATER Lab Sample ID: SBLKW1

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEZNSBW1

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

Moisture: not dec. _____ dec. _____ Date Extracted: 10/02/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/27/90

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

Number TICs found: 0

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

LAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

BCL 001 1216

000007
000088

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZBOMS

Lab Name: G S E L I Contract: _____
 Lab Code: GULF Case No.: 14965 SAS No.: 5511HD SDG No.: BCZ80
 Matrix: (soil/water) WATER Lab Sample ID: EZNO1MS
 Sample wt/vol: 500 (g/mL) ML Lab File ID: SVEZNO1MS
 Level: - (low/med) LOW Date Received: 09/28/90
 % Moisture: not dec. _____ dec. _____ Date Extracted: 10/02/90
 Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/27/90
 BPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L 0

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

BCL 001 1217

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ80MS

Lab Name: G S E L I Contract: _____
 Lab Code: GULF Case No.: 14965 SAS No.: 5511H0 SDG No.: BCZ80
 Matrix: (soil/water) WATER Lab Sample ID: EZNO1MS
 Sample wt/vol: 500 (g/mL) ML Lab File ID: SVEZNO1MS
 Level: (low/med) LOW Date Received: 09/28/90
 Moisture: not dec. _____ dec. _____ Date Extracted: 10/02/90
 Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/27/90
 PC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	<u>Q</u>
99-09-2	3-Nitroaniline	100	U
83-32-9	Acenaphthene	20	U
51-28-5	2,4-Dinitrophenol	100	U
100-02-7	4-Nitrophenol	100	U
132-64-9	Dibenzofuran	20	U
121-14-2	2,4-Dinitrotoluene	20	U
84-66-2	Diethylphthalate	20	U
7005-72-3	4-Chlorophenyl-phenylether	20	U
86-73-7	Fluorene	20	U
100-01-6	4-Nitroaniline	100	U
534-52-1	4,6-Dinitro-2-Methylphenol	100	U
66-30-6	N-Nitrosodiphenylamine (1)	20	U
101-55-3	4-Bromophenyl-phenylether	20	U
118-74-1	Hexachlorobenzene	20	U
87-86-5	Pentachlorophenol	100	U
85-01-8	Phenanthrene	20	U
120-12-7	Anthracene	20	U
84-74-2	Di-n-Butylphthalate	20	U
206-44-0	Fluoranthene	20	U
129-00-0	Pyrene	20	U
85-68-7	Butylbenzylphthalate	20	U
91-94-1	3,3'-Dichlorobenzidine	40	U
56-55-3	Benzo(a)Anthracene	20	U
218-01-9	Chrysene	20	U
117-81-7	bis(2-Ethylhexyl)Phthalate	5	BU
117-84-0	Di-n-Octyl Phthalate	20	U
205-99-2	Benzo(b)Fluoranthene	20	U
207-08-9	Benzo(k)Fluoranthene	20	U
50-32-8	Benzo(a)Pyrene	20	U
193-39-5	Indeno(1,2,3-cd)Pyrene	20	U
53-70-3	Dibenz(a,h)Anthracene	20	U
191-24-2	Benzo(g,h,i)Perylene	20	U

(1) - Cannot be separated from Diphenylamine

BCL 001 1218

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ80MSD

Lab Name: G S E L J Contract: _____

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ80

Matrix: (soil/water) WATER Lab Sample ID: EZNO1MSD

Sample wt/vol: 500 (g/mL) ML Lab File ID: SVEZNO1MSD

Level: . (low/med) LOW Date Received: 09/28/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 10/02/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/27/90

GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 1.0

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

BCL 001 1219

000022
000103

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ80MSD

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ80

Matrix: (soil/water) WATER Lab Sample ID: EZN01MSD

Sample wt/vol: 500 (g/mL) ML Lab File ID: SVEZNO1MSD

Level: (low/med) LOW Date Received: 09/28/90

Moisture: not dec. _____ dec. _____ Date Extracted: 10/02/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/27/90

LPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	<u>Q</u>
99-09-2	3-Nitroaniline	100	U
83-32-9	Acenaphthene	20	U
51-28-5	2,4-Dinitrophenol	100	U
100-02-7	4-Nitrophenol	100	U
132-64-9	Dibenzofuran	20	U
121-14-2	2,4-Dinitrotoluene	20	U
84-66-2	Diethylphthalate	20	U
7005-72-3	4-Chlorophenyl-phenylether	20	U
86-73-7	Fluorene	20	U
100-01-6	4-Nitroaniline	100	U
534-52-1	4,6-Dinitro-2-Methylphenol	100	U
86-30-6	N-Nitrosodiphenylamine (1)	20	U
101-55-3	4-Bromophenyl-phenylether	20	U
116-74-1	Hexachlorobenzene	20	U
87-86-5	Pentachlorophenol	100	U
85-01-8	Phenanthrene	20	U
120-12-7	Anthracene	20	U
84-74-2	Di-n-Butylphthalate	20	U
206-44-0	Fluoranthene	20	U
129-00-0	Pyrene	20	U
85-68-7	Butylbenzylphthalate	20	U
91-94-1	3,3'-Dichlorobenzidine	40	U
56-55-3	Benzo(a)Anthracene	20	U
218-01-9	Chrysene	20	U
117-81-7	bis(2-Ethylhexyl)Phthalate	3	BJ
117-84-0	Di-n-Octyl Phthalate	20	U
205-99-2	Benzo(b)Fluoranthene	20	U
207-08-9	Benzo(k)Fluoranthene	20	U
50-32-8	Benzo(a)Pyrene	20	U
193-39-5	Indeno(1,2,3-cd)Pyrene	20	U
53-70-3	Dibenz(a,h)Anthracene	20	U
191-24-2	Benzo(g,h,i)Perylene	20	U

(1) - Cannot be separated from Diphenylamine

.B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK1

Lab Name: SWL-TULSA Contract: 68-D9-0025

Code: SWOK Case No.: 14884 SAS No.: _____ SDG No.: BCZ41

Matrix: (soil/water) WATER Lab Sample ID: SBLK1

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H4349

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

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/13/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/01/90

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

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

BCL 001 1221

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK1

Lab Name: SWL-TULSA Contract: 68-D9-0025
 Lab Code: SWOK Case No.: 14984 SAS No.: _____ SDG No.: BCZ41
 Matrix: (soil/water) WATER Lab Sample ID: SBLK1
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: H4349
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. _____ dec. _____ Date Extracted: 09/13/90
 Extraction: (SepF/Cont/Sonc) CUNT Date Analyzed: 10/01/90
 GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

RECEIVED DEC 13 1990

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

CAS NO.	COMPOUND	CONCENTRATION UNITS	0
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
94-30-6	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	1	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	18	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

DEC 13 1990
1/87 Rev. *U*

BCL 001 1222

1F
SEMI-VOLATILE ORGANIC ANALYSIS REPORT SHEET

EPA SAMPLE NO.

SRLK1

Lab Name: PWL-TULSA Contract: 68-DE-0025
 Lab Code: SNOK Case No.: 14894 SAS No.: _____ SDG No.: PC241
 Matrix: (soil/water) WATER Lab Sample ID: SRLK1
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: H4349
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. _____ dec. _____ Date Extracted: 09/13/90
 Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/01/90
 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

RECEIVED DEC 13 1990

BCL 001 1223

DEC 13 1990
 113 1990
 185

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ41MS

Lab Name: SWL-TULSA Contract: 68-D9-0025

Code: SWOK Case No.: 14884 SAS No.: _____ SDG No.: BCZ41

Matrix: (soil/water) WATER Lab Sample ID: 371301MS

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H4351

Level: (low/med) LOW Date Received: 09/13/90

Moisture: not dec. _____ dec. _____ Date Extracted: 09/13/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/01/90

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

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

CAS NO.	COMPOUND	UG/L	G
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

BCL 001 1224

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA BRIFEE NO.

BCZ41MS

Lab Name: SWL-TULSA Contract: 68-D9-0025

(Code: SWOK Case No.: 14884 SAS No.: _____ SDG No.: BCZ41

Matrix: (soil/water) WATER Lab Sample ID: 371301MS

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H4351

Level: (low/med) LOW Date Received: 09/13/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/13/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/01/90

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

BCL 001 1225

(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ41MSD

Lab Name: SWL-TULSA Contract: 68-D9-0025

Code: SWOK Case No.: 14884 SAS No.: _____ SDG No.: BCZ41

Matrix: (soil/water) WATER Lab Sample ID: 371301MSD

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H4352

Level: (low/med) LOW Date Received: 09/13/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/13/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/01/90

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	<u>Q</u>
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 821-R-92-010

BCZ41MSD

Lab Name: SWL-TULSA Contract: 68-D9-0025

Code: SWOK Case No.: 14884 SAS No.: _____ SDG No.: BCZ41

Matrix: (soil/water) WATER Lab Sample ID: 371301MSD

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H4352

Level: (low/med) LOW Date Received: 09/13/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/13/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/01/90

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	g
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	:L
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

BCL 001 1227

(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKW1

Lab Name: G S E L I Contract: 68-D9-0038
 Lab Code: GULF Case No.: 14898 SAS No.: _____ SDG No.: BCZ44
 Matrix: (soil/water) WATER Lab Sample ID: SBLKW1
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEXPSEW1
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. _____ dec. _____ Date Extracted: 09/25/90
 Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/08/90
 GPC Cleanup: (Y/N) N pH: 7.9 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

000158

BCL 001 1228

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NR

SBLKW1

Lab Name: G S E L I Contract: 68-D9-0038

Lab Code: GULF Case No.: 14898 SAS No.: _____ SDG No.: BCZ44

Matrix: (soil/water) WATER Lab Sample ID: SBLKW1

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEXPSBW1

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

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/25/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/08/90

GPC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 1.0

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

000159

BCL 001 1229

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBLKW1

Lab Name: G S E L I Contract: 68-D9-0038
Lab Code: GULF Case No.: 14898 SAS No.: _____ SDG No.: BCZ44
Matrix: (soil/water) WATER Lab Sample ID: SBLKW1
Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEXPSBW1
Level: (low/med) LOW Date Received: _____
% Moisture: not dec. _____ dec. _____ Date Extracted: 09/25/90
Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/08/90
GPC Cleanup: (Y/N) N pH: 7.9 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

BCL 001 1230

000176

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. _____

BCZ44MS

Lab Name: G S E L I Contract: 68-D9-0038

Lab Code: GULF Case No.: 14898 SAS No.: _____ SDG No.: BCZ44

Matrix: (soil/water) WATER Lab Sample ID: EXPO1MS

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEXPO1MSR

Level: (low/med) LOW Date Received: 09/21/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/25/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/09/90

GPC Cleanup: (Y/N) N pH: 7.1 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	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

BCL 001 1231

000173

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ44MS

Lab Name: G S E L I Contract: 68-D9-0038

Lab Code: GULF Case No.: 14898 SAS No.: _____ SDG No.: BCZ44

Matrix: (soil/water) WATER Lab Sample ID: EXP01MS

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEXP01MSR

Level: (low/med) LOW Date Received: 09/21/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/25/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/09/90

GPC Cleanup: (Y/N) N pH: 7.1 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	<u>Q</u>
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	3	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

000174

BCL 001 1232

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

BCZ44MSD

Lab Name: G S E L I Contract: 68-D9-0038
 Lab Code: GULF Case No.: 14898 SAS No.: _____ SDG No.: BCZ44
 Matrix: (soil/water) WATER Lab Sample ID: EXP01MSD
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEXP01MSD
 Level: (low/med) LOW Date Received: 09/21/90
 % Moisture: not dec. _____ dec. _____ Date Extracted: 09/25/90
 Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/09/90
 GPC Cleanup: (Y/N) N pH: 7.1 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>		g
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	

000178

BCL 001 1233

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ44MSD

Lab Name: G S E L I Contract: 68-D9-0038

Lab Code: GULF Case No.: 14898 SAS No.: _____ SDG No.: BCZ44

Matrix: (soil/water) WATER Lab Sample ID: EXPO1MSD

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SVEXPO1MSD

Level: (low/med) LOW Date Received: 09/21/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/25/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/09/90

GPC Cleanup: (Y/N) N pH: 7.1 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	<u>Q</u>
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	3	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

000179

BCL 001 1234

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

BS-6W10-EPA SAMPLE NO.

BCZ57

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56

Matrix: (soil/water) WATER Lab Sample ID: EYL02

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

Level: (low/med) LOW Date Received: 09/25/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/27/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/06/90

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

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

BCL 001 1235

1D BS-GW11-1-01
 PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ58

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56

Matrix: (soil/water) WATER Lab Sample ID: EYL03

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

Level: - (low/med) LOW Date Received: 09/25/90

Moisture: not dec. _____ dec. _____ Date Extracted: 09/27/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/06/90

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

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

BCL 001 1236

1D BS-DB01-1-01
 PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ41

Lab Name: SWL-TULSA Contract: 68-D9-0025
 Lab Code: SWOK Case No.: 14884 SAS No.: _____ SDG No.: BCZ41
 Matrix: (soil/water) WATER Lab Sample ID: 3713-01
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____
 Level: (low/med) LOW Date Received: 09/13/90
 % Moisture: not dec. _____ dec. _____ Date Extracted: 09/13/90
 Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/03/90
 GPC Cleanup: (Y/N) N pH: 8.1 Dilution Factor: 1.00

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

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

BCL 001 1237

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

BS-6W12- EPA SAMPLE NO.

BCZ59

Lab Name: G S E L I Contract: _____
 Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56
 Matrix: (soil/water) WATER Lab Sample ID: EYL04
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____
 Level: (low/med) LOW Date Received: 09/25/90
 Moisture: not dec. _____ dec. _____ Date Extracted: 09/27/90
 Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/06/90
 Cleanup: (Y/N) N pH: 6.6 Dilution Factor: 1.0

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

BCL 001 1238

1D BS-GWKO-1-1
 PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ80

Lab Name: G S E L I Contract: _____
 Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ80
 Matrix: (soil/water) WATER Lab Sample ID: EZN01
 Sample wt/vol: 500 (g/mL) ML Lab File ID: _____
 Level: (low/med) LOW Date Received: 09/28/90
 % Moisture: not dec. _____ dec. _____ Date Extracted: 10/02/90
 Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/08/90
 GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
319-84-6	alpha-BHC	0.10	U J
319-85-7	beta-BHC	0.10	U
319-86-8	delta-BHC	0.10	U
58-89-9	gamma-BHC (Lindane)	0.10	U
76-44-8	Heptachlor	0.10	U
309-00-2	Aldrin	0.10	U
1024-57-3	Heptachlor epoxide	0.10	U
959-98-8	Endosulfan I	0.10	U
60-57-1	Dieldrin	0.20	U
72-55-9	4,4'-DDE	0.20	U
72-20-8	Endrin	0.20	U
33213-65-9	Endosulfan II	0.20	U
72-54-8	4,4'-DDD	0.20	U
1031-07-8	Endosulfan sulfate	0.20	U
50-29-3	4,4'-DDT	0.20	U
72-43-5	Methoxychlor	1.0	U
53494-70-5	Endrin ketone	0.20	U
5103-71-9	alpha-Chlordane	1.0	U
5103-74-2	gamma-Chlordane	1.0	U
8001-35-2	Toxaphene	2.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	2.0	U
11096-82-5	Aroclor-1260	2.0	U

BCL 001 1239

(20) 11/26/90

BD-GW23-1-01

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ81

Lab Name: G S E L I

Contract: _____

Lab Code: GULF

Case No.: 14965

SAS No.: 5511HQ

SDG No.: BCZ80

Matrix: (soil/water) WATER

Lab Sample ID: EZN02

Sample wt/vol: 500 (g/mL) ML

Lab File ID: _____

Level: (low/med) LOW

Date Received: 09/28/90

Moisture: not dec. _____ dec. _____

Date Extracted: 10/02/90

Extraction: (SepF/Cont/Sonc) CONT

Date Analyzed: 10/08/90

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

Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
319-84-6	alpha-BHC	0.10	U J
319-85-7	beta-BHC	0.10	U
319-86-8	delta-BHC	0.10	U
56-09-9	gamma-BHC (Lindane)	0.10	U
76-44-8	Heptachlor	0.10	U
309-00-2	Aldrin	0.10	U
1024-57-3	Heptachlor epoxide	0.10	U
959-76-8	Endosulfan I	0.10	U
60-57-1	Dieldrin	0.20	U
72-55-9	4,4'-DDE	0.20	U
72-20-8	Endrin	0.20	U
33213-65-9	Endosulfan II	0.20	U
72-54-8	4,4'-DDD	0.20	U
1031-07-8	Endosulfan sulfate	0.20	U
50-29-3	4,4'-DDT	0.20	U
72-43-5	Methoxychlor	1.0	U
53494-70-5	Endrin ketone	0.20	U
5103-71-9	alpha-Chlordane	1.0	U
5103-74-2	gamma-Chlordane	1.0	U
8001-35-2	Toxaphene	2.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	2.0	U
11096-82-5	Aroclor-1260	2.0	U

CAW 11/26/90

BCL 001 1240

BS-GW02-1-01

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ44

Lab Name: G S E L I

Contract: 68-D9-0038

Lab Code: GULF

Case No.: 14898

SAS No.: _____

SDG No.: BCZ44

Matrix: (soil/water) WATER

Lab Sample ID: EXP01

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

Lab File ID: _____

Level: (low/med) LOW

Date Received: 09/21/90

% Moisture: not dec. _____ dec. _____

Date Extracted: 09/24/90

Extraction: (SepF/Cont/Sonc) CONT

Date Analyzed: 10/03/90

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

Dilution Factor: 1.0

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

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

BCL 001 1241

000006

BS-GW01-1-01

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ45

Lab Name: G S E L I Contract: 68-D9-0038

Lab Code: GULF Case No.: 14898 SAS No.: _____ SDG No.: BCZ44

Matrix: (soil/water) WATER Lab Sample ID: EXP02

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

Level: (low/med) LOW Date Received: 09/21/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/24/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/03/90

GPC Cleanup: (Y/N) N pH: 7.6 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	<u>Q</u>
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
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

BCL 001 1242

000009

BF-0008-1-01

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ46 FB

Lab Name: G S E L I Contract: 68-D9-0038

Lab Code: GULF Case No.: 14898 SAS No.: _____ SDG No.: BCZ44

Matrix: (soil/water) WATER Lab Sample ID: EXP03

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

Level: (low/med) LOW Date Received: 09/21/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/24/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/03/90

GPC Cleanup: (Y/N) N pH: 7.6 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	<u>Q</u>
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
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

BCL 001 1243

000012

BS-GW03-2-01

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ47

Lab Name: G S E L I Contract: 68-D9-0038

Lab Code: GULF Case No.: 14898 SAS No.: _____ SDG No.: BCZ44

Matrix: (soil/water) WATER Lab Sample ID: EXP04

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

Level: (low/med) LOW Date Received: 09/21/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/24/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/03/90

GPC Cleanup: (Y/N) N pH: 6.4 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	<u>Q</u>
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
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

BCL 001 1244

000017

BF-0009-1-01

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ49

Lab Name: G S E L I

Contract: 68-D9-0038

Lab Code: GULF

Case No.: 14898

SAS No.: _____

SDG No.: BCZ44

Matrix: (soil/water) WATER

Lab Sample ID: EYH01

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

Lab File ID: _____

Level: (low/med) LOW

Date Received: 09/22/90

% Moisture: not dec. _____ dec. _____

Date Extracted: 09/24/90

Extraction: (SepF/Cont/Sonc) CONT

Date Analyzed: 10/05/90

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

Dilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(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

BCL 001 1245

000020

BS-6w04-2-01

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ50

Lab Name: G S E L I

Contract: 68-D9-0038

Lab Code: BULF

Case No.: 14898

SAS No.: _____

SDG No.: BCZ44

Matrix: (soil/water) WATER

Lab Sample ID: EYH02

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

Lab File ID: _____

Level: (low/med) LOW

Date Received: 09/22/90

% Moisture: not dec. _____ dec. _____

Date Extracted: 09/24/90

Extraction: (SepF/Cont/Sonc) CONT

Date Analyzed: 10/05/90

GPC Cleanup: (Y/N) N

pH: 6.5

Dilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO. COMPOUND (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

BCL 001 1246

000023

N/F

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ51

Lab Name: G S E L I Contract: 68-D9-0038

Lab Code: SULF Case No.: 14898 SAS No.: _____ SDG No.: BCZ44

Matrix: (soil/water) WATER Lab Sample ID: EYH03

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

Level: (low/med) LOW Date Received: 09/22/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/24/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/05/90

GPC Cleanup: (Y/N) N pH: 6.6 Dilution Factor: 1.0

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

BCL 001 1247

000026

BS-GW05-2-01

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ52

Lab Name: G S E L I

Contract: 68-D9-0038

Lab Code: GULF

Case No.: 14898

SAS No.: _____

SDG No.: BCZ44

Matrix: (soil/water) WATER

Lab Sample ID: EYH04

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

Lab File ID: _____

Level: (low/med) LOW

Date Received: 09/22/90

% Moisture: not dec. _____ dec. _____

Date Extracted: 09/24/90

Extraction: (SepF/Cont/Sonc) CONT

Date Analyzed: 10/05/90

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

Dilution Factor: 1.0

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

BCL 001 1248

000029

BS-6406-2-01

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ53

Lab Name: G S E L I

Contract: 68-D9-0038

Lab Code: GULF

Case No.: 14898

SAS No.: _____

SDG No.: BCZ44

Matrix: (soil/water) WATER

Lab Sample ID: EYH05

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

Lab File ID: _____

Level: (low/med) LOW

Date Received: 09/22/90

% Moisture: not dec. _____ dec. _____

Date Extracted: 09/24/90

Extraction: (SepF/Cont/Sonc) CONT

Date Analyzed: 10/05/90

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

Dilution Factor: 1.0

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

BCL 001 1249

000032

BS-GW07-2-01

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ54

Lab Name: G S E L I

Contract: 68-D9-0038

Lab Code: GULF

Case No.: 14898

SAS No.: _____

SDG No.: BCZ44

Matrix: (soil/water) WATER

Lab Sample ID: EYH06

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

Lab File ID: _____

Level: (low/med) LOW

Date Received: 09/22/90

% Moisture: not dec. _____ dec. _____

Date Extracted: 09/24/90

Extraction: (SepF/Cont/Sonc) CONT

Date Analyzed: 10/05/90

GPC Cleanup: (Y/N) N

pH: 7.1

Dilution Factor: 1.0

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

CAS NO.

COMPOUND

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

BCL 001 1250

000035

BS-GW08-1-01

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ55

Lab Name: G S E L I

Contract: 68-D9-0038

Lab Code: GULF

Case No.: 14898

SAS No.: _____

SDG No.: BCZ44

Matrix: (soil/water) WATER

Lab Sample ID: EYH07

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

Lab File ID: _____

Level: (low/med) LOW

Date Received: 09/22/90

% Moisture: not dec. _____ dec. _____

Date Extracted: 09/24/90

Extraction: (SepF/Cont/Sonc) CONT

Date Analyzed: 10/05/90

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

Dilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO. COMPOUND (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

BCL 001 1251

000038

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

BF-0010-1-01

EPA SAMPLE NO.

BCZ60 FB

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56

Matrix: (soil/water) WATER Lab Sample ID: EYL05

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

Level: (low/med) LOW Date Received: 09/25/90

Moisture: not dec. _____ dec. _____ Date Extracted: 09/27/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/06/90

GPC Cleanup: (Y/N) N pH: 7.6 Dilution Factor: 1.0

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

BCL 001 1252

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

BI-0002-1-01

EPA SAMPLE NO.

BCZ62

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56

Matrix: (soil/water) WATER Lab Sample ID: EYL06

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

Level: (low/med) LOW Date Received: 09/25/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/27/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/06/90

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

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

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

BCL 001 1253

1D BS-GW13-1-01
 PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ63

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56

Matrix: (soil/water) WATER Lab Sample ID: EYL07

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

Level: (low/med) LOW Date Received: 09/25/90

Moisture: not dec. _____ dec. _____ Date Extracted: 09/27/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/06/90

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

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

BCL 001 1254

1D BF-001-1-1

FESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ65 FB

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56

Matrix: (soil/water) WATER Lab Sample ID: EYT01

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

Level: (low/med) LOW Date Received: 09/26/90

Moisture: not dec. _____ dec. _____ Date Extracted: 09/27/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/06/90

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

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

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

1D LS-GW-T-1 V1
 PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ66

Lab Name: G S E L I Contract: _____
 Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56
 Matrix: (soil/water) WATER Lab Sample ID: EYT02
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____
 Level: - (low/med) LOW Date Received: 09/26/90
 % Moisture: not dec. _____ dec. _____ Date Extracted: 09/27/90
 Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/06/90
 GPC Cleanup: (Y/N) N pH: 7.1 Dilution Factor: 1.0

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

BCL 001 1256

1D BS-0W10-1-02
 PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ67

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56

Matrix: (soil/water) WATER Lab Sample ID: EYT03

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

Level: - (low/med) LOW Date Received: 09/26/90

Moisture: not dec. _____ dec. _____ Date Extracted: 09/27/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/06/90

PC Cleanup: (Y/N) N pH: 7.4 Dilution Factor: 1.0

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

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

BCL 001 1257

1D
 PESTICIDE ORGANICS ANALYSIS DATA SHEET

BS-GW10-1-UL

EPA SAMPLE NO.

BCZ68

Lab Name: G S E L I Contract: _____
 Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56
 Matrix: (soil/water) WATER Lab Sample ID: EYT04
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____
 Level: - (low/med) LOW Date Received: 09/26/90
 % Moisture: not dec. _____ dec. _____ Date Extracted: 09/27/90
 Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/07/90
 GPC Cleanup: (Y/N) N pH: 7.6 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	R
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

BCL 001 1258

1D 00-000117-02
PESTICIDE ORGANICS ANALYSIS DATA SHEET

BCZ69

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56

Matrix: (soil/water) WATER Lab Sample ID: EYT05

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

Level: - (low/med) LOW Date Received: 09/26/90

Moisture: not dec. _____ dec. _____ Date Extracted: 09/27/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/07/90

PC Cleanup: (Y/N) N pH: 7.4 Dilution Factor: 1.0

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

BCL 001 1259

1D
 PESTICIDE ORGANICS ANALYSIS DATA SHEET

150-0418-1 EPA SAMPLE NO.

BCZ70

Lab Name: G S E L I Contract: _____
 Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56
 Matrix: (soil/water) WATER Lab Sample ID: EYT06
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____
 Level: (low/med) LOW Date Received: 09/26/90
 % Moisture: not dec. _____ dec. _____ Date Extracted: 09/27/90
 Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/07/90
 GPC Cleanup: (Y/N) N pH: 7.5 Dilution Factor: 1.0

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

BCL 001 1260

000050

1D BF-0012-121
 PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ72 FB

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56

Matrix: (soil/water) WATER Lab Sample ID: EYY01

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

Level: (low/med) LOW Date Received: 09/27/90

Moisture: not dec. _____ dec. _____ Date Extracted: 09/28/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/07/90

PC Cleanup: (Y/N) N pH: 8.6 Dilution Factor: 1.0

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

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

BCL 001 1261

1D BS-GW19-1-D1
 PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ73

Lab Name: G S E L I Contract: _____
 Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56
 Matrix: (soil/water) WATER Lab Sample ID: EYY02
 Sample wt/vol: 500 (g/mL) ML Lab File ID: _____
 Level: (low/med) LOW Date Received: 09/27/90
 % Moisture: not dec. _____ dec. _____ Date Extracted: 09/28/90
 Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/07/90
 GPC Cleanup: (Y/N) N pH: 9.6 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	Q
319-84-6	alpha-BHC	0.10 U
319-85-7	beta-BHC	0.10 U
319-86-8	delta-BHC	0.10 U
58-89-9	gamma-BHC (Lindane)	0.10 U
76-44-8	Heptachlor	0.10 U
309-00-2	Aldrin	0.10 U
1024-57-3	Heptachlor epoxide	0.10 U
959-98-8	Endosulfan I	0.10 U
60-57-1	Dieldrin	0.20 U
72-55-9	4,4'-DDE	0.20 U
72-20-8	Endrin	0.20 U
33213-65-9	Endosulfan II	0.20 U
72-54-8	4,4'-DDD	0.20 U
1031-07-8	Endosulfan sulfate	0.20 U
50-29-3	4,4'-DDT	0.20 U
72-43-5	Methoxychlor	1.0 U
53494-70-5	Endrin ketone	0.20 U
5103-71-9	alpha-Chlordane	1.0 U
5103-74-2	gamma-Chlordane	1.0 U
8001-35-2	Toxaphene	2.0 U
12674-11-2	Aroclor-1016	1.0 U
11104-28-2	Aroclor-1221	1.0 U
11141-16-5	Aroclor-1232	1.0 U
53469-21-9	Aroclor-1242	1.0 U
12672-29-6	Aroclor-1248	1.0 U
11097-69-1	Aroclor-1254	2.0 U
11096-82-5	Aroclor-1260	2.0 U

BCL 001 1262

1D BS-GW22-1-U1
 PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RCZ74

Lab Name: G S E L I Contract: _____
 Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: RCZ56
 Matrix: (soil/water) WATER Lab Sample ID: EYY03
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____
 Level: (low/med) LOW Date Received: 09/27/90
 Moisture: not dec. _____ dec. _____ Date Extracted: 09/28/90
 Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/07/90
 DPC Cleanup: (Y/N) N pH: 9.7 Dilution Factor: 1.0

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

BCL 001 1263

000059

1D BS-GW 21-1-01
 PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ75

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56

Matrix: (soil/water) WATER Lab Sample ID: EYY04

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

Level: (low/med) LOW Date Received: 09/27/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/28/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/07/90

GFC Cleanup: (Y/N) N pH: 9.3 Dilution Factor: 1.0

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

BCL 001 1264

1D *M/F*
 PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ76

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56

Matrix: (soil/water) WATER Lab Sample ID: EYY05

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

Level: (low/med) LOW Date Received: 09/27/90

Moisture: not dec. _____ dec. _____ Date Extracted: 09/28/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/07/90

PC Cleanup: (Y/N) N pH: 9.1 Dilution Factor: 1.0

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

BCL 001 1265

1D 15-11-1
 PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ77 FB

Lab Name: G S E L I Contract: _____
 Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56
 Matrix: (soil/water) WATER Lab Sample ID: EZJ01
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____
 Level: (low/med) LOW Date Received: 09/28/90
 % Moisture: not dec. _____ dec. _____ Date Extracted: 09/28/90
 Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/07/90
 GPC Cleanup: (Y/N) N pH: 9.6 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
319-84-6	alpha-BHC	0.050	UJ
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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BCL 001 1266

1D 05-00000
 PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ78

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56

Matrix: (soil/water) WATER Lab Sample ID: EZJ02

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

Level: (low/med) LOW Date Received: 09/28/90

Moisture: not dec. _____ dec. _____ Date Extracted: 09/28/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/07/90

PC Cleanup: (Y/N) N pH: 9.3 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	Q
319-84-6	alpha-BHC	0.050;UJ
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

(CW) 11/26/90

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PBLKWP

Lab Name: SWL-TULSA Contract: 68-D9-0025
 Lab Code: SWOK Case No.: 14884 SAS No.: _____ SDG No.: BCZ41
 Matrix: (soil/water) WATER Lab Sample ID: PBLKWP
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. _____ dec. _____ Date Extracted: 09/13/90
 Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/03/90
 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

BCL 001 1268

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ41MS

Lab Name: SWL-TULSA Contract: 68-D9-0025

Lab Code: SWOK Case No.: 14884 SAS No.: _____ SDG No.: BCZ41

Matrix: (soil/water) WATER Lab Sample ID: 3713-01MS

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

Level: (low/med) LOW Date Received: 09/13/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/13/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/03/90

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

BCL 001 1269

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ41MSD

Lab Name: SWL-TULSA Contract: 68-D9-0025

Lab Code: SWOK Case No.: 14884 SAS No.: _____ SDG No.: BCZ41

Matrix: (soil/water) WATER Lab Sample ID: 3713-01MSD

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

Level: (low/med) LOW Date Received: 09/13/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/13/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/03/90

GPC Cleanup: (Y/N) N pH: 8.1 Dilution Factor: 1.00

CONCENTRATION UNITS:

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

319-84-6	alpha-BHC	0.050IU
319-85-7	beta-BHC	0.050IU
319-86-8	delta-BHC	0.050IU
58-89-9	gamma-BHC (Lindane)	0.050IU
76-44-8	Heptachlor	0.050IU
309-00-2	Aldrin	0.050IU
1024-57-3	Heptachlor epoxide	0.050IU
959-98-8	Endosulfan I	0.050IU
60-57-1	Dieldrin	0.10IU
72-55-9	4,4'-DDE	0.10IU
72-20-8	Endrin	0.10IU
33213-65-9	Endosulfan II	0.10IU
72-54-8	4,4'-DDD	0.10IU
1031-07-8	Endosulfan sulfate	0.10IU
50-29-3	4,4'-DDT	0.10IU
72-43-5	Methoxychlor	0.50IU
53494-70-5	Endrin ketone	0.10IU
5103-71-9	alpha-Chlordane	0.50IU
5103-74-2	gamma-Chlordane	0.50IU
8001-35-2	Toxaphene	1.0IU
12674-11-2	Aroclor-1016	0.50IU
11104-28-2	Aroclor-1221	0.50IU
11141-16-5	Aroclor-1232	0.50IU
53469-21-9	Aroclor-1242	0.50IU
12672-29-6	Aroclor-1248	0.50IU
11097-69-1	Aroclor-1254	1.0IU
11096-82-5	Aroclor-1260	1.0IU

BCL 001 1270

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PBLKW1

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56

Matrix: (soil/water) WATER Lab Sample ID: EYLPBLKW1

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

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

Moisture: not dec. _____ dec. _____ Date Extracted: 09/27/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/06/90

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

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

BCL 001 1271

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PBLKW2

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56

Matrix: (soil/water) WATER Lab Sample ID: EYYPBLKW2

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

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

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/28/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/07/90

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

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

BCL 001 1272

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ73MS

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56

Matrix: (soil/water) WATER Lab Sample ID: EYY02MS

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

Level: (low/med) LOW Date Received: 09/27/90

Moisture: not dec. _____ dec. _____ Date Extracted: 09/28/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/07/90

PC Cleanup: (Y/N) N pH: 9.6 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.10	U
319-85-7	beta-BHC	0.10	U
319-86-8	delta-BHC	0.10	U
58-89-9	gamma-BHC (Lindane)	0.10	U
76-44-8	Heptachlor	0.10	U
309-00-2	Aldrin	0.10	U
1024-57-3	Heptachlor epoxide	0.10	U
959-98-8	Endosulfan I	0.10	U
60-57-1	Dieldrin	0.20	U
72-55-9	4,4'-DDE	0.20	U
72-20-8	Endrin	0.20	U
33213-65-9	Endosulfan II	0.20	U
72-54-8	4,4'-DDD	0.20	U
1031-07-8	Endosulfan sulfate	0.20	U
50-29-3	4,4'-DDT	0.20	U
72-43-5	Methoxychlor	1.0	U
53494-70-5	Endrin ketone	0.20	U
5103-71-9	alpha-Chlordane	1.0	U
5103-74-2	gamma-Chlordane	1.0	U
8001-35-2	Toxaphene	2.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	2.0	U
11096-82-5	Aroclor-1260	2.0	U

BCL 001 1273

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ73MSD

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ56

Matrix: (soil/water) WATER Lab Sample ID: EYY02MSD

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

Level: (low/med) LOW Date Received: 09/27/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/28/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/07/90

GPC Cleanup: (Y/N) N pH: 9.6 Dilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.10	U
319-85-7	beta-BHC	0.10	U
319-86-8	delta-BHC	0.10	U
58-89-9	gamma-BHC (Lindane)	0.10	U
76-44-8	Heptachlor	0.10	U
309-00-2	Aldrin	0.10	U
1024-57-3	Heptachlor epoxide	0.10	U
959-98-8	Endosulfan I	0.10	U
60-57-1	Dieldrin	0.20	U
72-55-9	4,4'-DDE	0.20	U
72-20-8	Endrin	0.20	U
33213-65-9	Endosulfan II	0.20	U
72-54-8	4,4'-DDD	0.20	U
1031-07-8	Endosulfan sulfate	0.20	U
50-29-3	4,4'-DDT	0.20	U
72-43-5	Methoxychlor	1.0	U
53494-70-5	Endrin ketone	0.20	U
5103-71-9	alpha-Chlordane	1.0	U
5103-74-2	gamma-Chlordane	1.0	U
8001-35-2	Toxaphene	2.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	2.0	U
11096-82-5	Aroclor-1260	2.0	U

BCL 001 1274

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PBLKW1

Lab Name: G S E L I Contract: 68-D9-0038

Lab Code: GULF Case No.: 14898 SAS No.: _____ SDG No.: BCZ44

Matrix: (soil/water) WATER Lab Sample ID: EXPPBLKW1

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

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

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/24/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/05/90

GPC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	<u>g</u>
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
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

BCL 001 1275

00015

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PBLKW2

Lab Name: G S E L I Contract: 68-D9-0038

Lab Code: GULF Case No.: 14898 SAS No.: _____ SDG No.: BC244

Matrix: (soil/water) WATER Lab Sample ID: EXSPBLKW2

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

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

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/24/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/03/90

GPC Cleanup: (Y/N) N pH: 7.7 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	g
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

BCL 001 1276

000159

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ44MS

Lab Name: G S E L I Contract: 68-D9-0038

Lab Code: GULF Case No.: 14898 SAS No.: _____ SDG No.: BCZ44

Matrix: (soil/water) WATER Lab Sample ID: EXPO1MS

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

Level: (low/med) LOW Date Received: 09/21/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/24/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/03/90

GPC Cleanup: (Y/N) N pH: 7.1 Dilution Factor: 1.0

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

BCL 001 1277

000164

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ44MSD

Lab Name: G S E L I Contract: 68-D9-0038

Lab Code: GULF Case No.: 14898 SAS No.: _____ SDG No.: BCZ44

Matrix: (soil/water) WATER Lab Sample ID: EXPO1MSD

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

Level: (low/med) LDW Date Received: 09/21/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/24/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/03/90

GPC Cleanup: (Y/N) N pH: 7.1 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	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

BCL 001 1278

000157

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PBLKW1

Lab Name: G S E L I Contract: _____
 Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ80
 Matrix: (soil/water) WATER Lab Sample ID: EZNPBLKW1
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____
 Level: (low/med) LOW Date Received: _____
 % Moisture: rot dec. _____ dec. _____ Date Extracted: 10/02/90
 Extraction: (Sep/Cont/Sonc) CONT Date Analyzed: 10/08/90
 PC Cleanup: (Y/N) N pH: 7.8 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	<u>Q</u>
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
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

BCL 001 1279

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ81MS

Lab Name: G S E L I Contract: _____
 Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: BCZ80
 Matrix: (soil/water) WATER Lab Sample ID: EZNO2MS
 Sample wt/vol: 500 (g/mL) ML Lab File ID: _____
 Level: (low/med) LOW Date Received: 09/28/90
 % Moisture: not dec. _____ dec. _____ Date Extracted: 10/02/90
 Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/08/90
 GPC Cleanup: (Y/N) N pH: 8.4 Dilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L 0

319-84-6	alpha-BHC	0.10	U
319-85-7	beta-BHC	0.10	U
319-86-8	delta-BHC	0.10	U
58-89-9	gamma-BHC (Lindane)	0.10	U
76-44-8	Heptachlor	0.10	U
309-00-2	Aldrin	0.10	U
1024-57-3	Heptachlor epoxide	0.10	U
959-98-8	Endosulfan I	0.10	U
60-57-1	Dieldrin	0.20	U
72-55-9	4,4'-DDE	0.20	U
72-20-8	Endrin	0.20	U
33213-65-9	Endosulfan II	0.20	U
72-54-8	4,4'-DDD	0.20	U
1031-07-8	Endosulfan sulfate	0.20	U
50-29-3	4,4'-DDT	0.20	U
72-45-5	Methoxychlor	1.0	U
53494-70-5	Endrin ketone	0.20	U
5103-71-9	alpha-Chlordane	1.0	U
5103-74-2	gamma-Chlordane	1.0	U
8001-35-2	Toxaphene	2.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	2.0	U
11096-82-5	Aroclor-1260	2.0	U

BCL 001 1280

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ECZ81MSD

Lab Name: G S E L I Contract: _____
 Lab Code: GULF Case No.: 14965 SAS No.: 5511HQ SDG No.: ECZ80
 Matrix: (soil/water) WATER Lab Sample ID: EZNO2MSD
 Sample wt/vol: 500 (g/mL) ML Lab File ID: _____
 Level: (low/med) LOW Date Received: 09/28/90
 % Moisture: not dec. _____ dec. _____ Date Extracted: 10/02/90
 Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/08/90
 PC Cleanup: (Y/N) N pH: 9.4 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) <u>UG/L</u>	U
319-84-6	alpha-BHC	0.10	U
319-85-7	beta-BHC	0.10	U
319-86-8	delta-BHC	0.10	U
58-89-9	gamma-BHC (Lindane)	0.10	U
76-44-8	Heptachlor	0.10	U
309-00-2	Aldrin	0.10	U
1024-57-3	Heptachlor epoxide	0.10	U
959-98-8	Endosulfan I	0.10	U
60-57-1	Dieldrin	0.20	U
72-55-9	4,4'-DDE	0.20	U
72-20-8	Endrin	0.20	U
33213-65-9	Endosulfan II	0.20	U
72-54-8	4,4'-DDD	0.20	U
1031-07-8	Endosulfan sulfate	0.20	U
50-29-3	4,4'-DDT	0.20	U
72-43-5	Methoxychlor	1.0	U
53494-70-5	Endrin ketone	0.20	U
5103-71-9	alpha-Chlordane	1.0	U
5103-74-2	gamma-Chlordane	1.0	U
8001-35-2	Toxaphene	2.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	2.0	U
11096-82-5	Aroclor-1260	2.0	U

BCL 001 1281

3

TTM

PAK = IK

BS-DB01-1-01

U.S. EPA - CLP

EPA SAMPLE NO.

1
INORGANIC ANALYSIS DATA SHEET

0006

MBBE09

Lab Name: YORK ~~LABS~~ / CT

Contract: 68-W8-0017

Lab Code: YORK

Case No.: 14884

SAS No.: 5512HQ

SDG No.: MBBE09

Matrix (soil/water): WATER

Lab Sample ID: 1753001

Level (low/med): LOW

Date Received: 09/13/90

x Solids: 0.0

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

CAS No.	Analyte	Concentration	CI	Q	IM
7429-90-5	Aluminum	104	UI		IP
7440-36-0	Antimony	18.0	UI		IP
7440-38-2	Arsenic	1.2	BI		IF
7440-39-3	Barium	7.8	BI		IP
7440-41-7	Beryllium	1.0	UI		IP
7440-43-9	Cadmium	1.0	UI		IP
7440-70-2	Calcium	14000	I		IP
7440-47-3	Chromium	3.0	UI		IP
7440-48-4	Cobalt	3.1	BI		IP
7440-50-8	Copper	4.0	BI		IP
7439-89-6	Iron	453	I		IP
7439-92-1	Lead	1.0	BI		IF
7439-95-4	Magnesium	1610	BI		IP
7439-96-5	Manganese	15.1	I	J	IP
7439-97-6	Mercury	0.20	UI		ICV
7440-02-0	Nickel	7.0	BI		IP
7440-09-7	Potassium	1240	BI		IP
7782-49-2	Selenium	1.0	UI		IF
7440-22-4	Silver	4.0	UI		IP
7440-23-5	Sodium	7400	I		IP
7440-28-0	Thallium	1.0	UI		IF
7440-68-2	Vanadium	15.2	BI		IP
	Zinc	14.9	BI		IP
	Cyanide		I		INR

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CA 10/23/90

Color Before: COLORLESS

Clarity Before: CLEAR

Texture:

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MBBE10

Lab Name: NORTHERN LABORATORIES Contract: 68-D9-0153

Lab Code: NLE Case No.: 14898 SAS No.: SDG No.: MBBE10

Matrix (soil/water): WATER Lab Sample ID: MBBE10

Level (low/med): LOW Date Received: 09/21/90

% 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	22800			P
7440-36-0	Antimony	19.0	U		P
7440-38-2	Arsenic	6.7	B	N	F
7440-39-3	Barium	105	B		P
7440-41-7	Beryllium	1.0	B		P
7440-43-9	Cadmium	5.0	U		P
7440-70-2	Calcium	12100			P
7440-47-3	Chromium	160			P
7440-48-4	Cobalt	10.1	B		P
7440-50-8	Copper	89.6			P
7439-89-6	Iron	37900			P
7439-92-1	Lead	35.7		J SN	F
7439-95-4	Magnesium	4540	B		P
7439-96-5	Manganese	1080			P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	36.1	B		P
7440-09-7	Potassium	3680	B		P
7782-49-2	Selenium	3.0	U	JWN	F
7440-22-4	Silver	4.0	U		P
7440-23-5	Sodium	16500		JE	P
7440-28-0	Thallium	2.2	B	W	F
7440-62-2	Vanadium	42.5	B		P
7440-66-6	Zinc	83.0			P
	Cyanide				NR

Color Before: TAN Clarity Before: CLOUDY Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

Pt = 2x dilution

BCL
001
1283

BS-GW01-2-01

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MBBE11

Lab Name: NORTHERN LABORATORIES _____ Contract: 68-D9-0153

Lab Code: NLE _____ Case No.: 14898 SAS No.: _____ SDG No.: MBBE10

Matrix (soil/water): WATER Lab Sample ID: MBBE11 _____

Level (low/med): LOW _____ Date Received: 09/21/90

% 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	9880			P
7440-36-0	Antimony	19.0	U		P
7440-38-2	Arsenic	7.7	B	WN	F
7440-39-3	Barium	68.0	B		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	5.0	U		P
7440-70-2	Calcium	10300			P
7440-47-3	Chromium	1310		ND	P
7440-48-4	Cobalt	12.4	B	ND	P
7440-50-8	Copper	111		ND	P
7439-89-6	Iron	26100			P
7439-92-1	Lead	162		NJ	F
7439-95-4	Magnesium	3880	B		P
7439-96-5	Manganese	266			P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	118			P
7440-09-7	Potassium	2590	B	ND	P
7782-49-2	Selenium	3.0	U	WN	F
7440-22-4	Silver	4.3	B	ND	P
7440-23-5	Sodium	28000		NE	P
7440-28-0	Thallium	2.0	U	W	F
7440-62-2	Vanadium	29.4	B		P
7440-66-6	Zinc	124			P
	Cyanide				NR

BCL 001 1284

Color Before: TAN _____ Clarity Before: CLOUDY Texture: _____

Color After: COLORLESS Clarity After: CLEAR _____ Artifacts: _____

Comments:
Pb = 5x dilution

? DO COPY

U.S. EPA - CLP

BF-0008-1-01

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MBBE12

Lab Name: NORTHERN LABORATORIES Contract: 68-D9-0153

Lab Code: NLE Case No.: 14898 SAS No.: SDG No.: MBBE10

Matrix (soil/water): WATER Lab Sample ID: MBBE12

Level (low/med): LOW Date Received: 09/21/90

% 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	122	B		P
7440-36-0	Antimony	19.0	U		P
7440-38-2	Arsenic	4.0 U		N	F
7440-39-3	Barium	6.8	B		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	5.0	U		P
7440-70-2	Calcium	57.0	U		P
7440-47-3	Chromium	7.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	6.0	U		P
7439-89-6	Iron	91.0	U		P
7439-92-1	Lead	2.0	U	JWN	F
7439-95-4	Magnesium	100	U		P
7439-96-5	Manganese	1.7	B	J	P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	6.0	U		P
7440-09-7	Potassium	127	U		P
7782-49-2	Selenium	4.9	B	JWN	F
7440-22-4	Silver	4.0	U		P
7440-23-5	Sodium	2250	B	JE	P
7440-28-0	Thallium	2.0	U	W	F
7440-62-2	Vanadium	3.0	U		P
7440-66-6	Zinc	15.0	U		P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture: -

Color After: COLORLESS Clarity After: CLEAR Artifacts: -

Comments:

BCL 001 1285

B S-GW 03-2-01

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MBBE13

Lab Name: NORTHERN LABORATORIES Contract: 68-D9-0153

Lab Code: NLE Case No.: 14898 SAS No.: SDG No.: MBBE10

Matrix (soil/water): WATER Lab Sample ID: MBBE13

Level (low/med): LOW Date Received: 09/21/90

% 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	3240			P
7440-36-0	Antimony	19.0	U		P
7440-38-2	Arsenic	4.0	U	N	F
7440-39-3	Barium	32.5	B		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	5.0	U		P
7440-70-2	Calcium	6820			P
7440-47-3	Chromium	11.1			P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	39.7			P
7439-89-6	Iron	1860			P
7439-92-1	Lead	24.5		JSN	F
7439-95-4	Magnesium	2530	B		P
7439-96-5	Manganese	85.3			P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	17.5	B		P
7440-09-7	Potassium	2220	B	J	P
7782-49-2	Selenium	7.0		NJ	F
7440-22-4	Silver	4.0	U		P
7440-23-5	Sodium	18500		JE	P
7440-28-0	Thallium	2.0	U	W	F
7440-62-2	Vanadium	3.0	U		P
7440-66-6	Zinc	49.0			P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
P - 2x dilution

BCL
001
1286

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MBBE14

Lab Name: NORTHERN LABORATORIES _____ Contract: 68-D9-0153

Lab Code: NLE _____ Case No.: 14898 SAS No.: _____ SDG No.: MBBE10

Matrix (soil/water): WATER Lab Sample ID: MBBE14 _____

Level (low/med): LOW _____ Date Received: 09/22/90

% 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	110	B		P
7440-36-0	Antimony	19.0	U		P
7440-38-2	Arsenic	4.0	U	N	F
7440-39-3	Barium	6.1	B		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	5.0	U		P
7440-70-2	Calcium	57.0	U		P
7440-47-3	Chromium	7.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	6.0	U		P
7439-89-6	Iron	91.0	U		P
7439-92-1	Lead	2.0	U	WN	F
7439-95-4	Magnesium	100	U		P
7439-96-5	Manganese	1.0	U		P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	6.0	U		P
7440-09-7	Potassium	127	U		P
7782-49-2	Selenium	3.0	U	WN	F
7440-22-4	Silver	4.0	U		P
7440-23-5	Sodium	2170	B	JE	P
7440-28-0	Thallium	2.0	U	W	F
7440-62-2	Vanadium	3.0	U		P
7440-66-6	Zinc	15.0	U		P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR _____ Texture: _____
 Color After: COLORLESS Clarity After: CLEAR _____ Artifacts: _____

Comments:

BCL
001
1287

BS-6204-2-01

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MBBE15

Lab Name: NORTHERN LABORATORIES Contract: 68-D9-0153

Lab Code: NLE Case No.: 14898 SAS No.: SDG No.: MBBE10

Matrix (soil/water): WATER Lab Sample ID: MBBE15

Level (low/med): LOW Date Received: 09/22/90

% 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	2140			P
7440-36-0	Antimony	19.0	U		P
7440-38-2	Arsenic	4.0	U	N	F
7440-39-3	Barium	32.5	B		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	5.0	U		P
7440-70-2	Calcium	22900			P
7440-47-3	Chromium	7.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	13.9	B		P
7439-89-6	Iron	108		J	P
7439-92-1	Lead	16.9 20.6		JN	F
7439-95-4	Magnesium	3900	B		P
7439-96-5	Manganese	166			P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	6.0	U		P
7440-09-7	Potassium	5880		J	P
7782-49-2	Selenium	3.0	U	JN	F
7440-22-4	Silver	4.0	U		P
7440-23-5	Sodium	27200		JE	P
7440-28-0	Thallium	2.0	U		F
7440-62-2	Vanadium	3.0	U		P
7440-66-6	Zinc	55.2			P
	Cyanide				NR

Color Before: COLORLESS

Clarity Before: CLEAR

Texture:

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

Pb = 5x dilution

BCL 001 1288

BD-GW04-2-01

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MBBE16

Lab Name: NORTHERN LABORATORIES Contract: 68-D9-0153

Lab Code: NLE Case No.: 14898 SAS No.: SDG No.: MBBE10

Matrix (soil/water): WATER Lab Sample ID: MBBE16

Level (low/med): LOW Date Received: 09/22/90

% 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	2410			P
7440-36-0	Antimony	19.0	U		P
7440-38-2	Arsenic	4.0	U	N	F
7440-39-3	Barium	32.5	B		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	5.0	U		P
7440-70-2	Calcium	23700			P
7440-47-3	Chromium	8.3	B		P
7440-48-4	Cobalt	7.1	B	U	P
7440-50-8	Copper	22.2	B		P
7439-89-6	Iron	296		U	P
7439-92-1	Lead	11.4		U	F
7439-95-4	Magnesium	4020	B		P
7439-96-5	Manganese	184			P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	6.0	U		P
7440-09-7	Potassium	6130		U	P
7782-49-2	Selenium	3.0	U	U	F
7440-22-4	Silver	4.0	U		P
7440-23-5	Sodium	28100		U	P
7440-28-0	Thallium	2.0	U		F
7440-62-2	Vanadium	3.0	U		P
7440-66-6	Zinc	59.2			P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MBBE17

Lab Name: NORTHERN LABORATORIES _____ Contract: 68-D9-0153

Lab Code: NLE _____ Case No.: 14898 SAS No.: _____ SDG No.: MBBE10

Matrix (soil/water): WATER Lab Sample ID: MBBE17 _____

Level (low/med): LOW _____ Date Received: 09/22/90

% Solids: _____ 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	5060			P
7440-36-0	Antimony	19.0	U		P
7440-38-2	Arsenic	4.0	U	N	F
7440-39-3	Barium	46.4	B		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	5.0	U		P
7440-70-2	Calcium	4920	B		P
7440-47-3	Chromium	33.3			P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	37.9			P
7439-89-6	Iron	7340			P
7439-92-1	Lead	36.6 34.6		NJ	F
7439-95-4	Magnesium	1680	B		P
7439-96-5	Manganese	212			P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	17.9	B		P
7440-09-7	Potassium	1790	B	J	P
7782-49-2	Selenium	16.5 19.4		JNS	F
7440-22-4	Silver	4.0	U		P
7440-23-5	Sodium	5540		JE	P
7440-28-0	Thallium	2.0	U		F
7440-62-2	Vanadium	11.7	B		P
7440-66-6	Zinc	92.3			P
	Cyanide				NR

Color Before: TAN _____

Clarity Before: CLOUDY

Texture:

Color After: COLORLESS

Clarity After: CLEAR _____

Artifacts:

Comments:

BCL 001 1290

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MBBE18

Lab Name: NORTHERN LABORATORIES Contract: 68-D9-0153

Lab Code: NLE Case No.: 14898 SAS No.: SDG No.: MBBE10

Matrix (soil/water): WATER Lab Sample ID: MBBE18

Level (low/med): LOW Date Received: 09/22/90

% 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	4930			P
7440-36-0	Antimony	19.0	U		P
7440-38-2	Arsenic	4.0	U	N	F
7440-39-3	Barium	35.9	B		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	5.0	U		P
7440-70-2	Calcium	6310			P
7440-47-3	Chromium	54.9			P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	35.1			P
7439-89-6	Iron	7160			P
7439-92-1	Lead	7.6		ISN	F
7439-95-4	Magnesium	1560	B		P
7439-96-5	Manganese	247			P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	19.7	B		P
7440-09-7	Potassium	2190	B	J	P
7782-49-2	Selenium	3.0	U	JN	F
7440-22-4	Silver	4.0	U		P
7440-23-5	Sodium	7070		JE	P
7440-28-0	Thallium	2.0	U		F
7440-62-2	Vanadium	9.7	B		P
7440-66-6	Zinc	29.0			P
	Cyanide				NR

Color Before: TAN Clarity Before: CLOUDY Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

BCL
001
1291

BS-GW-07-2-01

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MBBE19

Lab Name: NORTHERN LABORATORIES Contract: 68-D9-0153

Lab Code: NLE Case No.: 14898 SAS No.: SDG No.: MBBE10

Matrix (soil/water): WATER Lab Sample ID: MBBE19

Level (low/med): LOW Date Received: 09/22/90

% 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	7090			P
7440-36-0	Antimony	19.0	U		P
7440-38-2	Arsenic	4.0	U	N	F
7440-39-3	Barium	51.1	B		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	10.5		U	P
7440-70-2	Calcium	9330			P
7440-47-3	Chromium	75.8		U	P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	81.3		U	P
7439-89-6	Iron	9540			P
7439-92-1	Lead	74.5		U	F
7439-95-4	Magnesium	2830	B		P
7439-96-5	Manganese	186			P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	40.8			P
7440-09-7	Potassium	2000	B		P
7782-49-2	Selenium	3.0	U	U	F
7440-22-4	Silver	112			P
7440-23-5	Sodium	8060		U	P
7440-28-0	Thallium	2.0	U	W	F
7440-62-2	Vanadium	15.4	B		P
7440-66-6	Zinc	589			P
	Cyanide				NR

Color Before: TAN

Clarity Before: CLOUDY

Texture:

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

Pb = 4x dilution

BCL 001 1292

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MBBE20

Lab Name: NORTHERN LABORATORIES Contract: 68-D9-0153

Lab Code: NLE Case No.: 14898 SAS No.: SDG No.: MBBE10

Matrix (soil/water): WATER Lab Sample ID: MBBE20

Level (low/med): LOW Date Received: 09/22/90

% 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	452			P
7440-36-0	Antimony	19.0	U		P
7440-38-2	Arsenic	4.0	U	N	F
7440-39-3	Barium	29.1	B		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	5.0	U		P
7440-70-2	Calcium	3900	B		P
7440-47-3	Chromium	7.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	27.7			P
7439-89-6	Iron	536			P
7439-92-1	Lead	45.7		JSN	F
7439-95-4	Magnesium	2110	B		P
7439-96-5	Manganese	215			P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	6.0	U		P
7440-09-7	Potassium	1400	B		P
7782-49-2	Selenium	3.0	U	UN	F
7440-22-4	Silver	4.0	U		P
7440-23-5	Sodium	11500		SE	P
7440-28-0	Thallium	2.0	U	W	F
7440-62-2	Vanadium	3.0	U		P
7440-66-6	Zinc	15.0	U		P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture: -

Color After: COLORLESS Clarity After: CLEAR Artifacts: -

Comments: Pb = 4x dilution

BCL 001 1293

BS-G-09-1-01

GD-09-01

(M.D. 79)

0000002

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBBE21

Lab Name: ROCKY MOUNTAIN ANALYTICAL Contract: 68-D9-0090

Lab Code: ENSECO Case No.: 14965 SAS No.: _____ SDG No.: MBBE21

Matrix (soil/water): WATER Lab Sample ID: 11485-1

Level (low/med): LOW Date Received: 09/25/90

% 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	650	U		P
7440-36-0	Antimony	45.0	U		P
7440-38-2	Arsenic	2.0	U		F
7440-39-3	Barium	27.6	B		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	5.0	U		P
7440-70-2	Calcium	7120	U		P
7440-47-3	Chromium	37.3	U		P
7440-48-4	Cobalt	10.0	U		P
7440-50-8	Copper	240	U		P
7439-89-6	Iron	1360	U		P
7439-92-1	Lead	72.8	U	S*	F
7439-95-4	Magnesium	2320	B		P
7439-96-5	Manganese	56.5	U		P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	31.4	B		P
7440-09-7	Potassium	1050	B		P
7482-49-2	Selenium	2.0	U		F
7440-22-4	Silver	4.0	U		P
7440-23-5	Sodium	25000	U		P
7440-28-0	Thallium	1.0	U		F
7440-62-2	Vanadium	4.0	U		F
7440-66-6	Zinc	62.2	U	J	P
	Cyanide				NR

Color Before: COLORLESS
Color After: COLORLESS

Clarity Before: CLEAR
Clarity After: CLEAR

Texture:
Artifacts:

Comments:

BS-GW10-1-01

0000003
(11/10/90)
6210-01

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBBE22

Lab Name: ROCKY MOUNTAIN ANALYTICAL Contract: 68-D9-0090

Lab Code: ENSECO Case No.: 14965 SAS No.: _____ SDG No.: MBBE21

Matrix (soil/water): WATER Lab Sample ID: 11485-2

Level (low/med): LOW Date Received: 09/25/90

‡ 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	238	-		P
7440-36-0	Antimony	45.0	U		P
7440-38-2	Arsenic	2.0	U		F
7440-39-3	Barium	53.9	B		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	5.0	U		P
7440-70-2	Calcium	4800	B		P
7440-47-3	Chromium	16.2			P
7440-48-4	Cobalt	10.0	U		P
7440-50-8	Copper	12.7	B		P
7439-89-6	Iron	749			P
7439-92-1	Lead	10.2		* 7	F
7439-95-4	Magnesium	2340	B		P
7439-96-5	Manganese	50.4			P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	22.2	B		P
7440-09-7	Potassium	2260	B		P
7482-49-2	Selenium	2.0	U		F
7440-22-4	Silver	4.0	U		P
7440-23-5	Sodium	31000			P
7440-28-0	Thallium	1.0	U	W	F
7440-62-2	Vanadium	4.0	U		P
7440-66-6	Zinc	373		J	P
	Cyanide				NR

Color Before: COLORLESS
Color After: COLORLESS

Clarity Before: CLEAR
Clarity After: CLEAR

Texture: _____
Artifacts: _____

Comments:

BS-GW11-1-01

(M011)
0000004

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBBE23

Lab Name: ROCKY MOUNTAIN ANALYTICAL Contract: 68-D9-0090

Lab Code: ENSECO Case No.: 14965 SAS No.: _____ SDG No.: MBBE21

Matrix (soil/water): WATER Lab Sample ID: 11485-3

Level (low/med): LOW Date Received: 09/25/90

% 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	1950	-		P
7440-36-0	Antimony	45.0	U		P
7440-38-2	Arsenic	2.0	U		F
7440-39-3	Barium	24.6	B		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	5.0	U		P
7440-70-2	Calcium	3940	B		P
7440-47-3	Chromium	24.9	-		P
7440-48-4	Cobalt	10.0	U		P
7440-50-8	Copper	16.8	B		P
7439-89-6	Iron	3710	-		P
7439-92-1	Lead	11.5	-	* J	F
7439-95-4	Magnesium	1810	B		P
7439-96-5	Manganese	181	-		P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	15.7	B		P
7440-09-7	Potassium	1340	B		P
7482-49-2	Selenium	2.0	U	W	F
7440-22-4	Silver	4.0	U		P
7440-23-5	Sodium	6970	-		P
7440-28-0	Thallium	1.0	U		F
7440-62-2	Vanadium	4.0	U		P
7440-66-6	Zinc	20.1	-	J	P
	Cyanide		-		NR

Color Before: YELLOW
Color After: COLORLESS

Clarity Before: CLOUDY
Clarity After: CLEAR

Texture: _____
Artifacts: _____

Comments:

BS-G-12-1-01

M012

0000005

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBBE24

Lab Name: ROCKY MOUNTAIN ANALYTICAL Contract: 68-D9-0090

Lab Code: ENSECO Case No.: 14965 SAS No.: _____ SDG No.: MBBE21

Matrix (soil/water): WATER Lab Sample ID: 11485-4

Level (low/med): LOW Date Received: 09/25/90

% 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	1310	-		P
7440-36-0	Antimony	45.0	U		P
7440-38-2	Arsenic	2.0	U		F
7440-39-3	Barium	28.9	B		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	5.0	U		P
7440-70-2	Calcium	6090	-		P
7440-47-3	Chromium	10.6	-		P
7440-48-4	Cobalt	10.0	U		P
7440-50-8	Copper	14.4	B		P
7439-89-6	Iron	1650	-		P
7439-92-1	Lead	19.0	-	* J	F
7439-95-4	Magnesium	1530	B		P
7439-96-5	Manganese	1.2	-		P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	9.0	U		P
7440-09-7	Potassium	2660	B		P
7482-49-2	Selenium	2.0	U	W	F
7440-22-4	Silver	4.0	U		P
7440-23-5	Sodium	3040	B		P
7440-28-0	Thallium	1.0	U	W	F
7440-62-2	Vanadium	4.0	U		P
7440-66-6	Zinc	28.3	-	J	P
	Cyanide		-		NR

Color Before: YELLOW
Color After: COLORLESS

Clarity Before: CLOUDY
Clarity After: CLEAR

Texture: _____
Artifacts: _____

Comments:

BF-0010-1-01

U.S. EPA - CLP

0000006

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1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBBE25

Lab Name: ROCKY MOUNTAIN ANALYTICAL Contract: 68-D9-0090

Lab Code: ENSECO Case No.: 14965 SAS No.: _____ SDG No.: MBBE21

Matrix (soil/water): WATER Lab Sample ID: 11485-5

Level (low/med): LOW Date Received: 09/25/90

% 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	34.2	B		P
7440-36-0	Antimony	45.0	U		P
7440-38-2	Arsenic	2.0	U		P
7440-39-3	Barium	3.0	U		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	5.0	U		P
7440-70-2	Calcium	222	B		P
7440-47-3	Chromium	6.0	U		P
7440-48-4	Cobalt	10.0	U		P
7440-50-8	Copper	5.0	U		P
7439-89-6	Iron	32.0	B		P
7439-92-1	Lead	2.9	B	* J	P
7439-95-4	Magnesium	54.0	U		P
7439-96-5	Manganese	20.9	U		P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	10.4	B		P
7440-09-7	Potassium	162	B		P
7482-49-2	Selenium	2.0	U	W	P
7440-22-4	Silver	6.1	B		P
7440-23-5	Sodium	1290	U		P
7440-28-0	Thallium	1.0	U	W	P
7440-62-2	Vanadium	4.0	U		P
7440-66-6	Zinc	5.8	B		P
	Cyanide				NR

Color Before: COLORLESS
Color After: COLORLESS

Clarity Before: CLEAR
Clarity After: CLEAR

Texture: _____
Artifacts: _____

Comments:

BCL 001 1298

BI-0002-1-01

DT Blank
0000007

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBBE26

Lab Name: ROCKY MOUNTAIN ANALYTICAL Contract: 68-D9-0090

Lab Code: ENSECO Case No.: 14965 SAS No.: _____ SDG No.: MBBE21

Matrix (soil/water): WATER Lab Sample ID: 11485-6

Level (low/med): LOW Date Received: 09/25/90

% 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	27.0	U		P
7440-36-0	Antimony	45.0	U		P
7440-38-2	Arsenic	2.0	U		F
7440-39-3	Barium	3.0	U		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	5.0	U		P
7440-70-2	Calcium	92.0	U		P
7440-47-3	Chromium	6.0	U		P
7440-48-4	Cobalt	10.0	U		P
7440-50-8	Copper	5.0	U		P
7439-89-6	Iron	14.0	U		P
7439-92-1	Lead	3.1	U	* J	F
7439-95-4	Magnesium	54.0	U		P
7439-96-5	Manganese	9.7	B		P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	9.0	U		P
7440-09-7	Potassium	122	U		P
7482-49-2	Selenium	2.0	U	W	F
7440-22-4	Silver	4.0	U		P
7440-23-5	Sodium	1290	U		P
7440-28-0	Thallium	1.0	U	W	F
7440-62-2	Vanadium	4.0	U		P
7440-66-6	Zinc	3.4	B		P
	Cyanide		-		NR

Color Before: COLORLESS
Color After: COLORLESS

Clarity Before: CLEAR
Clarity After: CLEAR

Texture: _____
Artifacts: _____

Comments:

BCL 001 1299

BS-6W131-01

GW15-01
(M213)
0000008

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBBE27

Lab Name: ROCKY MOUNTAIN ANALYTICAL Contract: 68-D9-0090

Lab Code: ENSECO Case No.: 14965 SAS No.: _____ SDG No.: MBBE21

Matrix (soil/water): WATER Lab Sample ID: 11485-7

Level (low/med): LOW Date Received: 09/25/90

% 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	45.2	B		P
7440-36-0	Antimony	45.0	U		P
7440-38-2	Arsenic	2.0	U		F
7440-39-3	Barium	3.0	U		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	5.0	U		P
7440-70-2	Calcium	92.0	U		P
7440-47-3	Chromium	6.0	U		P
7440-48-4	Cobalt	10.0	U		P
7440-50-8	Copper	5.0	U		P
7439-89-6	Iron	55.8	B		P
7439-92-1	Lead	12.9		*J	F
7439-95-4	Magnesium	54.0	U		P
7439-96-5	Manganese	9.1	B		P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	9.0	U		P
7440-09-7	Potassium	238	B		P
7482-49-2	Selenium	2.0	U	W	F
7440-22-4	Silver	4.0	U		P
7440-23-5	Sodium	1290	U		P
7440-28-0	Thallium	1.0	U	W	F
7440-62-2	Vanadium	4.0	U		P
7440-66-6	Zinc	2.0	U		P
	Cyanide				NR

Color Before: COLORLESS
Color After: COLORLESS

Clarity Before: CLEAR
Clarity After: CLEAR

Texture: ---
Artifacts: ---

Comments:

3F-0011-1-01

FB

0000009

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBBE28

Lab Name: ROCKY MOUNTAIN ANALYTICAL Contract: 68-D9-0090

Lab Code: ENSECO Case No.: 14965 SAS No.: _____ SDG No.: MBBE21

Matrix (soil/water): WATER Lab Sample ID: 11485-8

Level (low/med): LOW Date Received: 09/26/90

% 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	27.0	U		P
7440-36-0	Antimony	45.0	U		P
7440-38-2	Arsenic	2.0	U		F
7440-39-3	Barium	3.0	U		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	5.0	U		P
7440-70-2	Calcium	136	B		P
7440-47-3	Chromium	6.0	U		P
7440-48-4	Cobalt	10.0	U		P
7440-50-8	Copper	5.0	U		P
7439-89-6	Iron	14.0	U		P
7439-92-1	Lead	1.2	B	* J	F
7439-95-4	Magnesium	54.0	U		P
7439-96-5	Manganese	8.0	U		P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	9.0	U		P
7440-09-7	Potassium	122	U		P
7482-49-2	Selenium	2.0	U	W	F
7440-22-4	Silver	4.0	U		P
7440-23-5	Sodium	1290	U		P
7440-28-0	Thallium	1.0	U	W	F
7440-62-2	Vanadium	4.0	U		P
7440-66-6	Zinc	11.0	B		P
	Cyanide				NR

Color Before: COLORLESS
Color After: COLORLESS

Clarity Before: CLEAR
Clarity After: CLEAR

Texture: ---
Artifacts: ---

Comments:

BCL 001 1301

BS-GW14-1-01

0000010

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBBE29

Lab Name: ROCKY MOUNTAIN ANALYTICAL Contract: 68-D9-0090

Lab Code: ENSECO Case No.: 14965 SAS No.: _____ SDG No.: MBBE21

Matrix (soil/water): WATER Lab Sample ID: 11485-9

Level (low/med): LOW Date Received: 09/26/90

% 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	5820	U		P
7440-36-0	Antimony	45.0	U		P
7440-38-2	Arsenic	3.2	U		F
7440-39-3	Barium	48.2	U		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	5.0	U		P
7440-70-2	Calcium	4240	U		P
7440-47-3	Chromium	42.3	U		P
7440-48-4	Cobalt	10.0	U		P
7440-50-8	Copper	39.6	U		P
7439-89-6	Iron	11900	U		P
7439-92-1	Lead	13.0	U	* J	F
7439-95-4	Magnesium	3340	B		P
7439-96-5	Manganese	398	U		P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	17.0	U		P
7440-09-7	Potassium	2200	U		P
7482-49-2	Selenium	2.0	U	W	F
7440-22-4	Silver	4.0	U		P
7440-23-5	Sodium	8300	U		P
7440-28-0	Thallium	1.0	U		F
7440-62-2	Vanadium	14.0	B		P
7440-66-6	Zinc	30.7	U	J	P
	Cyanide				NR

Color Before: ORANGE
Color After: COLORLESS

Clarity Before: CLOUDY
Clarity After: OPAQUE

Texture: _____
Artifacts: _____

Comments:

BCL
001
1302

35-GW15-1-02 GW 15 U1
(MW15)

U.S. EPA - CLP

0000011

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

MBBE30

Lab Name: ROCKY MOUNTAIN ANALYTICAL Contract: 68-D9-0090

Lab Code: ENSECO Case No.: 14965 SAS No.: _____ SDG No.: MBBE21

Matrix (soil/water): WATER Lab Sample ID: 11485-10

Level (low/med): LOW Date Received: 09/26/90

% 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	648	-		P
7440-36-0	Antimony	45.0	U		P
7440-38-2	Arsenic	2.0	U		F
7440-39-3	Barium	33.1	B		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	5.0	U		P
7440-70-2	Calcium	10100	-		P
7440-47-3	Chromium	39.8	-		P
7440-48-4	Cobalt	10.0	U		P
7440-50-8	Copper	138	-		P
7439-89-6	Iron	1310	-		P
7439-92-1	Lead	49.2	-	*J	F
7439-95-4	Magnesium	2140	B		P
7439-96-5	Manganese	39.8	-		P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	31.4	B		P
7440-09-7	Potassium	2830	B		P
7482-49-2	Selenium	2.0	U	W	F
7440-22-4	Silver	4.0	U		P
7440-23-5	Sodium	7100	-		P
7440-28-0	Thallium	1.0	U		F
7440-62-2	Vanadium	4.0	U		P
7440-66-6	Zinc	51.0	-	J	P
	Cyanide		-		NR

Color Before: COLORLESS
Color After: COLORLESS

Clarity Before: CLEAR
Clarity After: CLEAR

Texture: _____
Artifacts: _____

Comments:

BS-6W16-1-02

0000012
(MW16)

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBBE31

Lab Name: ROCKY MOUNTAIN ANALYTICAL Contract: 68-D9-0090

Lab Code: ENSECO Case No.: 14965 SAS No.: _____ SDG No.: MBBE21

Matrix (soil/water): WATER Lab Sample ID: 11485-11

Level (low/med): LOW Date Received: 09/26/90

% 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	4050	U		P
7440-36-0	Antimony	45.0	U		P
7440-38-2	Arsenic	2.0	U		F
7440-39-3	Barium	118	B		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	5.0	U		P
7440-70-2	Calcium	20900	U		P
7440-47-3	Chromium	31.1	U		P
7440-48-4	Cobalt	10.0	U		P
7440-50-8	Copper	88.5	U		P
7439-89-6	Iron	3600	U		P
7439-92-1	Lead	25.7	U	*J	F
7439-95-4	Magnesium	4310	B		P
7439-96-5	Manganese	87.3	U		P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	15.7	B		P
7440-09-7	Potassium	6440	U		P
7482-49-2	Selenium	2.0	U	W	F
7440-22-4	Silver	4.0	U		P
7440-23-5	Sodium	44900	U		P
7440-28-0	Thallium	1.0	U		F
7440-62-2	Vanadium	4.0	U		P
7440-66-6	Zinc	50.8	U	J	P
	Cyanide				NR

Color Before: COLORLESS
Color After: COLORLESS

Clarity Before: CLEAR
Clarity After: CLEAR

Texture: _____
Artifacts: _____

Comments:

BCL 001 1304

BS-GW171-02

GW-17-01

(MW17)

U.S. EPA - CLP

0000013

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EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

MBBE32

Lab Name: ROCKY MOUNTAIN ANALYTICAL Contract: 68-D9-0090

Lab Code: ENSECO Case No.: 14965 SAS No.: _____ SDG No.: MBBE21

Matrix (soil/water): WATER Lab Sample ID: 11485-12

Level (low/med): LOW Date Received: 09/26/90

% 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	141	U		P
7440-36-0	Antimony	45.0	U		P
7440-38-2	Arsenic	2.0	U		F
7440-39-3	Barium	30.8	U		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	5.0	U		P
7440-70-2	Calcium	3820	U		P
7440-47-3	Chromium	6.0	U		P
7440-48-4	Cobalt	10.0	U		P
7440-50-8	Copper	55.3	U		P
7439-89-6	Iron	422	U		P
7439-92-1	Lead	21.3	U	* J	F
7439-95-4	Magnesium	2620	U		P
7439-96-5	Manganese	15.5	U		P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	9.0	U		P
7440-09-7	Potassium	2990	U		P
7482-49-2	Selenium	2.0	U	W	F
7440-22-4	Silver	4.0	U		P
7440-23-5	Sodium	14200	U		P
7440-28-0	Thallium	1.0	U		F
7440-62-2	Vanadium	4.0	U		P
7440-66-6	Zinc	21.5	U	J	P
	Cyanide		U		NR

Color Before: COLORLESS
Color After: COLORLESS

Clarity Before: CLEAR
Clarity After: CLEAR

Texture: _____
Artifacts: _____

Comments:

BS-GW18-102

0000014
MWR

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBBE33

Lab Name: ROCKY MOUNTAIN ANALYTICAL Contract: 68-D9-0090

Lab Code: ENSECO Case No.: 14965 SAS No.: _____ SDG No.: MBBE21

Matrix (soil/water): WATER Lab Sample ID: 11485-13

Level (low/med): LOW Date Received: 09/26/90

% 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	103	E		P
7440-36-0	Antimony	45.0	U		P
7440-38-2	Arsenic	2.0	U		F
7440-39-3	Barium	38.6	E		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	5.0	U		P
7440-70-2	Calcium	14000			P
7440-47-3	Chromium	6.8	E		P
7440-48-4	Cobalt	10.0	U		P
7440-50-8	Copper	37.3			P
7439-89-6	Iron	500			P
7439-92-1	Lead	18.3		* J	F
7439-95-4	Magnesium	2670	E		P
7439-96-5	Manganese	1090			P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	11.8	E		P
7440-09-7	Potassium	4200	E		P
7482-49-2	Selenium	2.0	U	W	F
7440-22-4	Silver	4.0	U		P
7440-23-5	Sodium	19500			P
7440-28-0	Thallium	1.0	U		F
7440-62-2	Vanadium	4.0	U		P
7440-66-6	Zinc	73.6		J	P
	Cyanide				NR

Color Before: COLORLESS
Color After: COLORLESS

Clarity Before: CLEAR
Clarity After: CLEAR

Texture: _____
Artifacts: _____

Comments:

BCL 001 1306

BF-0012-1-01

FB

U.S. EPA - CLP

0000015

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBBE34

Lab Name: ROCKY MOUNTAIN ANALYTICAL Contract: 68-D9-0090

Lab Code: ENSECO Case No.: 14965 SAS No.: _____ SDG No.: MBBE21

Matrix (soil/water): WATER Lab Sample ID: 11485-14

Level (low/med): LOW Date Received: 09/27/90

% 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	27.0	U		P
7440-36-0	Antimony	45.0	U		P
7440-38-2	Arsenic	2.0	U		P
7440-39-3	Barium	3.0	U		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	5.0	U		P
7440-70-2	Calcium	177	B		P
7440-47-3	Chromium	6.0	U		P
7440-48-4	Cobalt	10.0	U		P
7440-50-8	Copper	5.0	U		P
7439-89-6	Iron	14.0	U		P
7439-92-1	Lead	3.2	U	*	P
7439-95-4	Magnesium	54.0	U		P
7439-96-5	Manganese	8.0	U		P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	9.0	U		P
7440-09-7	Potassium	122	U		P
7482-49-2	Selenium	2.0	U	W	P
7440-22-4	Silver	4.0	U		P
7440-23-5	Sodium	1290	U		P
7440-28-0	Thallium	1.0	U	W	P
7440-62-2	Vanadium	4.0	U		P
7440-66-6	Zinc	7.1	B		P
	Cyanide				NR

Color Before: COLORLESS
Color After: COLORLESS

Clarity Before: CLEAR
Clarity After: CLEAR

Texture: _____
Artifacts: _____

Comments:

BCL 001 1307

B SGW19-101

0000016
(MW19)

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBBE35

Lab Name: ROCKY MOUNTAIN ANALYTICAL Contract: 68-D9-0090

Lab Code: ENSECO Case No.: 14965 SAS No.: _____ SDG No.: MBBE21

Matrix (soil/water): WATER Lab Sample ID: 11485-15

Level (low/med): LOW Date Received: 09/27/90

% 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	933	U		P
7440-36-0	Antimony	45.0	U		P
7440-38-2	Arsenic	2.0	U		P
7440-39-3	Barium	11.5	B		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	5.5	U	J	P
7440-70-2	Calcium	17000	U		P
7440-47-3	Chromium	15.6	U		P
7440-48-4	Cobalt	10.0	U		P
7440-50-8	Copper	7.9	B		P
7439-89-6	Iron	1750	U		P
7439-92-1	Lead	12.5	U	*	F
7439-95-4	Magnesium	5360	U		P
7439-96-5	Manganese	33.1	U		P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	11.8	B		P
7440-09-7	Potassium	1710	B		P
7482-49-2	Selenium	2.0	U	W	F
7440-22-4	Silver	4.0	U		P
7440-23-5	Sodium	10300	U		P
7440-28-0	Thallium	1.0	U		F
7440-62-2	Vanadium	4.0	U		P
7440-66-6	Zinc	80.6	U	J	P
	Cyanide				NR

Color Before: COLORLESS
Color After: COLORLESS

Clarity Before: CLEAR
Clarity After: CLEAR

Texture: _____
Artifacts: _____

Comments:

BCL 001 1308

35-GW 22-1-01

(MWD22)
0000017

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBBE36

Lab Name: ROCKY MOUNTAIN ANALYTICAL Contract: 68-D9-0090

Lab Code: ENSECO Case No.: 14965 SAS No.: _____ SDG No.: MBBE21

Matrix (soil/water): WATER Lab Sample ID: 11485-16

Level (low/med): LOW Date Received: 09/27/90

% 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	1180	U		P
7440-36-0	Antimony	45.0	U		P
7440-38-2	Arsenic	2.0	U		F
7440-39-3	Barium	9.1	B		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	5.0	U		P
7440-70-2	Calcium	12300	U		P
7440-47-3	Chromium	12.4	U		P
7440-48-4	Cobalt	10.0	U		P
7440-50-8	Copper	5.0	U		P
7439-89-6	Iron	1470	U		P
7439-92-1	Lead	10.0	*		F
7439-95-4	Magnesium	3040	B		P
7439-96-5	Manganese	30.3	U		P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	10.5	B		P
7440-09-7	Potassium	7090	U		P
7482-49-2	Selenium	2.0	U	W	F
7440-22-4	Silver	4.0	U		P
7440-23-5	Sodium	11300	U		P
7440-28-0	Thallium	1.0	U		F
7440-62-2	Vanadium	4.0	U		P
7440-66-6	Zinc	59.6	U	J	P
	Cyanide				NR

Color Before: COLORLESS
Color After: COLORLESS

Clarity Before: CLEAR
Clarity After: CLEAR

Texture: ---
Artifacts: ---

Comments:

BCL 001 1309

BS-GW21-1-01 (MW21)

0000018

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBBE37

Lab Name: ROCKY MOUNTAIN ANALYTICAL Contract: 68-D9-0090

Lab Code: ENSECO Case No.: 14965 SAS No.: _____ SDG No.: MBBE21

Matrix (soil/water): WATER Lab Sample ID: 11485-17

Level (low/med): LOW Date Received: 09/27/90

% 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	169	E		P
7440-36-0	Antimony	45.0	U		P
7440-38-2	Arsenic	2.0	U		F
7440-39-3	Barium	17.0	B		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	5.0	U		P
7440-70-2	Calcium	19600			P
7440-47-3	Chromium	26.1			P
7440-48-4	Cobalt	10.0	U		P
7440-50-8	Copper	8.3	B		P
7439-89-6	Iron	645			P
7439-92-1	Lead	14.0		*	F
7439-95-4	Magnesium	10800			P
7439-96-5	Manganese	26.4			P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	10.5	B		P
7440-09-7	Potassium	10600			P
7482-49-2	Selenium	2.0	U	W	F
7440-22-4	Silver	4.0	U		P
7440-23-5	Sodium	13000			P
7440-28-0	Thallium	1.0	U		F
7440-62-2	Vanadium	4.0	U		P
7440-66-6	Zinc	59.5			P
	Cyanide				NR

Color Before: COLORLESS
Color After: COLORLESS

Clarity Before: CLEAR
Clarity After: CLEAR

Texture: _____
Artifacts: _____

Comments:

BCL 001 1310

N/F

GW:0001
(MW23)
0000019

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBBE38

Lab Name: ROCKY MOUNTAIN ANALYTICAL Contract: 68-D9-0090

Lab Code: ENSECO Case No.: 14965 SAS No.: _____ SDG No.: MBBE21

Matrix (soil/water): WATER Lab Sample ID: 11485-18

Level (low/med): LOW Date Received: 09/27/90

% 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	193	B		P
7440-36-0	Antimony	45.0	U		P
7440-38-2	Arsenic	2.0	U		F
7440-39-3	Barium	16.2	B		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	5.0	U		P
7440-70-2	Calcium	15600			P
7440-47-3	Chromium	6.8	B		P
7440-48-4	Cobalt	10.0	U		P
7440-50-8	Copper	5.0	U		P
7439-89-6	Iron	574			P
7439-92-1	Lead	8.9		*	F
7439-95-4	Magnesium	9380			P
7439-96-5	Manganese	31.1			P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	9.0	U		P
7440-09-7	Potassium	1280	B		P
7482-49-2	Selenium	2.0	U	W	F
7440-22-4	Silver	4.0	U		P
7440-23-5	Sodium	10100			P
7440-28-0	Thallium	1.0	U		F
7440-62-2	Vanadium	4.0	U		P
7440-66-6	Zinc	41.6		J	P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____
Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

BF-0013-101

0000320

FB

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBBE39

Lab Name: ROCKY MOUNTAIN ANALYTICAL Contract: 68-D9-0090

Lab Code: ENSECO Case No.: 14965 SAS No.: _____ SDG No.: MBBE21

Matrix (soil/water): WATER Lab Sample ID: 11485-19

Level (low/med): LOW Date Received: 09/28/90

* 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	36.0	B		P
7440-36-0	Antimony	45.0	U		P
7440-38-2	Arsenic	2.0	U		F
7440-39-3	Barium	3.0	U		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	5.0	U		P
7440-70-2	Calcium	159	B		P
7440-47-3	Chromium	6.0	U		P
7440-48-4	Cobalt	10.0	U		P
7440-50-8	Copper	5.0	U		P
7439-89-6	Iron	47.8	B		P
7439-92-1	Lead	2.2	B	*	F
7439-95-4	Magnesium	54.0	U		P
7439-96-5	Manganese	8.0	B		P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	9.0	U		P
7440-09-7	Potassium	122	U		P
7482-49-2	Selenium	2.0	U	W	F
7440-22-4	Silver	4.0	U		P
7440-23-5	Sodium	1290	U		P
7440-28-0	Thallium	1.0	U		F
7440-62-2	Vanadium	4.0	U		P
7440-66-6	Zinc	6.6	B		P
	Cyanide				NR

Color Before: COLORLESS
Color After: COLORLESS

Clarity Before: CLEAR
Clarity After: CLEAR

Texture: _____
Artifacts: _____

Comments:

BS-GW 20-1-01

(MWD)

0000021

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBBE40

Lab Name: ROCKY MOUNTAIN ANALYTICAL Contract: 68-D9-0090

Lab Code: ENSECO Case No.: 14965 SAS No.: _____ SDG No.: MBBE21

Matrix (soil/water): WATER Lab Sample ID: 11485-20

Level (low/med): LOW Date Received: 09/28/90

% 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	281			P
7440-36-0	Antimony	45.0			P
7440-38-2	Arsenic	2.0			F
7440-39-3	Barium	9.1			P
7440-41-7	Beryllium	1.0			P
7440-43-9	Cadmium	5.0			P
7440-70-2	Calcium	15200			P
7440-47-3	Chromium	6.0			P
7440-48-4	Cobalt	10.0			P
7440-50-8	Copper	5.0			P
7439-89-6	Iron	629			P
7439-92-1	Lead	4.7		* J	F
7439-95-4	Magnesium	6520			P
7439-96-5	Manganese	30.2			P
7439-97-6	Mercury	0.20			CV
7440-02-0	Nickel	9.0			P
7440-09-7	Potassium	1200			P
7482-49-2	Selenium	2.0		W	F
7440-22-4	Silver	4.0			P
7440-23-5	Sodium	5380			P
7440-28-0	Thallium	1.0			F
7440-62-2	Vanadium	4.0			P
7440-66-6	Zinc	46.1		J	P
	Cyanide				NR

Color Before: COLORLESS
Color After: COLORLESS

Clarity Before: CLEAR
Clarity After: CLEAR

Texture: _____
Artifacts: _____

Comments:

BS-GW23-1-01

GW-023444-01

(MW23)

0000002

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBBE41

Lab Name: ROCKY MOUNTAIN ANALYTICAL Contract: 68-D9-0090

Lab Code: ENSECO Case No.: 14965 SAS No.: _____ SDG No.: MBBE41

Matrix (soil/water): WATER Lab Sample ID: 11715-1

Level (low/med): LOW Date Received: 09/28/90

‡ 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	353	-		P
7440-36-0	Antimony	45.0	U		P
7440-38-2	Arsenic	2.0	U	NJ	F
7440-39-3	Barium	15.3	U		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	5.0	U		P
7440-70-2	Calcium	13600	-		P
7440-47-3	Chromium	13.7	-		P
7440-48-4	Cobalt	10.0	U		P
7440-50-8	Copper	5.0	U		P
7439-89-6	Iron	757	-	EJ	P
7439-92-1	Lead	4.6	-	*NJ	F
7439-95-4	Magnesium	8170	-		P
7439-96-5	Manganese	34.2	-		P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	17.0	U		P
7440-09-7	Potassium	1100	U		P
7482-49-2	Selenium	2.0	U	WNJ	F
7440-22-4	Silver	4.0	U		P
7440-23-5	Sodium	11500	-		P
7440-28-0	Thallium	1.0	U	NJ	F
7440-62-2	Vanadium	4.0	U		P
7440-66-6	Zinc	43.7	-		P
	Cyanide		-		NR

Color Before: COLORLESS
Color After: COLORLESS

Clarity Before: CLEAR
Clarity After: CLOUDY

Texture: _____
Artifacts: _____

Comments:

30-60231-01

GW-2000000
(MW23)
0000003

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBBE42

Lab Name: ROCKY MOUNTAIN ANALYTICAL Contract: 68-D9-0090

Lab Code: ENSECO Case No.: 14965 SAS No.: _____ SDG No.: MBBE41

Matrix (soil/water): WATER Lab Sample ID: 11715-2

Level (low/med): LOW Date Received: 09/28/90

% 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	384			P
7440-36-0	Antimony	45.0	U		P
7440-38-2	Arsenic	2.0	U	NJ	F
7440-39-3	Barium	16.4	B		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	5.0	U		P
7440-70-2	Calcium	15500			P
7440-47-3	Chromium	17.4			P
7440-48-4	Cobalt	10.0	U		P
7440-50-8	Copper	5.0	U		P
7439-89-6	Iron	813		E	P
7439-92-1	Lead	4.6		*NJ	F
7439-95-4	Magnesium	9220			P
7439-96-5	Manganese	32.2			P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	14.4	B		P
7440-09-7	Potassium	1280	B		P
7482-49-2	Selenium	2.0	U	NJ	F
7440-22-4	Silver	4.0	U		P
7440-23-5	Sodium	12800			P
7440-28-0	Thallium	1.0	U	NJ	F
7440-62-2	Vanadium	4.0	U		P
7440-66-6	Zinc	43.2			P
	Cyanide				NR

Color Before: COLORLESS
Color After: COLORLESS

Clarity Before: CLEAR
Clarity After: CLOUDY

Texture: _____
Artifacts: _____

Comments:

BCL
001
1315

3

VOA 91 (LPL)

1A VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCY 31

Lab Name: SWL-TULSA

Contract: All-1-01

5219B-001

Moist

Lab Code: SWOK Case No.:

SAS No.: 5219B

SDG No.: -001

Matrix: (soil/water) WATER

Lab Sample ID: 189101

Sample wt/vol: 25.0 (g/mL) ML

Lab File ID: E0287

Level: (low/med) LOW

Date Received: 02/01/90

% Moisture: not dec.

Date Analyzed: 02/08/90

Column: (pack/cap) CAP

Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L
74-87-3	Chloromethane	1 U
74-83-9	Bromomethane	1 U
75-01-4	Vinyl Chloride	0.5 U
75-00-3	Chloroethane	1 U
75-09-2	Methylene Chloride	5 U
67-64-1	Acetone	1 U
75-15-0	Carbon Disulfide	1 U
75-35-4	1,1-Dichloroethene	1 U
75-34-3	1,1-Dichloroethane	1 U
156-59-4	cis-1,2-Dichloroethene	2 U
67-66-3	Chloroform	1 U
107-06-2	1,2-Dichloroethane	1 U
78-93-3	2-Butanone	8 U
71-55-6	1,1,1-Trichloroethane	0.8 U
56-23-5	Carbon Tetrachloride	1 U
108-05-4	Vinyl Acetate	1 U
75-27-4	Bromodichloromethane	1 U
78-87-5	1,2-Dichloropropane	1 U
10061-01-5	cis-1,3-Dichloropropene	1 U
79-01-6	Trichloroethene	1 U
124-48-1	Dibromochloromethane	1 U
79-00-5	1,1,2-Trichloroethane	1 U
71-43-2	Benzene	1 U
10061-02-6	trans-1,3-Dichloropropene	1 U
75-25-2	Bromoform	1 U
108-10-1	4-Methyl-2-Pentanone	2 U
591-78-6	2-Hexanone	1 U
127-18-4	Tetrachloroethene	1 U
79-34-5	1,1,2,2-Tetrachloroethane	1 U
108-88-3	Toluene	4 U
108-90-7	Chlorobenzene	1 U
100-41-4	Ethylbenzene	1 U
100-42-5	Styrene	1 U
1330-20-7	M&P Xylene	1 U
75-69-4	Trichlorofluoromethane	1 U
95-05-1	1,2-Dichlorobenzene	1 U

BCL 001 1316

01

106-46-7	1,3-Dichlorobenzene	1	U
547-73-1	1,4-Dichlorobenzene	1	U
108-86-1	Bromobenzene	1	U
74-97-5	Bromochloromethane	1	U
104-51-8	n-Butylbenzene	1	U
135-98-8	sec-Butylbenzene	1	U
98-06-6	tert-Butylbenzene	1	U
95-49-8	2-Chlorotoluene	1	U
106-43-4	4-Chlorotoluene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	U
106-93-4	1,2-Dibromoethane	1	U
74-95-3	Dibromomethane	1	U
75-71-8	Dichlorodifluoromethane	1	U
156-60-5	trans-1,2-Dichloroethene	1	U
142-28-9	1,3-Dichloropropane	1	U
590-20-7	2,2-Dichloropropane	1	U
563-58-6	1,1-Dichloropropene	1	U
87-68-3	Hexachlorobutadiene	1	U
98-82-8	Isopropylbenzene	1	U
99-87-6	4-Isopropyltoluene	1	U
91-20-3	Naphthalene	1	U
103-65-1	n-Propylbenzene	1	U
630-20-6	1,1,1,2-Tetrachlorethane	1	U
87-61-6	1,2,3-Trichlorobenzene	1	U
120-82-1	1,2,4-Trichlorobenzene	1	U
96-18-4	1,2,3-Trichloropropane	1	U
95-63-6	1,2,4-Trimethylbenzene	1	U
108-67-8	1,3,5-Trimethylbenzene	1	U
95-47-6	O-Xylene	1	U

Handwritten scribbles

BCL 001 1317

016

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

5219E-001

Lab Name: SWL-TULSA Contract: _____

Lab Code: SWOK Case No.: _____ SAS No.: 5219E SDG No.: -001

Matrix: (soil/water) WATER Lab Sample ID: 189101

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: E0287

Level: (low/med) LOW Date Received: 02/01/90

% Moisture: not dec. _____ Date Analyzed: 02/08/90

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 4

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

J. Hill
2/10/90

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN COMPOUND	14.62	0.70	JN
2.	UNKNOWN COMPOUND	17.74	0.70	J
3. 815247	3-Pentanone, 2,2,4,4-tetrame	19.47	0.60	J ↓
4.	UNKNOWN COMPOUND	22.44	0.50	JN

BCL 001 1318

017

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BC735
BS-600-1-01
5219B-002
MWD02

Lab Name: SWL-TULSA Contract: _____

Lab Code: SWOK Case No.: _____ SAS No.: 5219B SDG No.: -001

Matrix: (soil/water) WATER Lab Sample ID: 189102

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: E0288

Level: (low/med) LOW Date Received: 02/01/90

Moisture: not dec. _____ Date Analyzed: 02/09/90

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

CONCENTRATION UNITS: UG/L *1.0*

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>
74-87-3	Chloromethane	1 U
74-83-9	Bromomethane	1 U
75-01-4	Vinyl Chloride	0.5 U
75-00-3	Chloroethane	1 U
75-09-2	Methylene Chloride	4. <i>U</i>
67-64-1	Acetone	1 <i>U</i>
75-15-0	Carbon Disulfide	1 U
75-35-4	1,1-Dichloroethene	1 U
75-34-3	1,1-Dichloroethane	1 U
156-59-4	cis-1,2-Dichloroethene	0.5 J
67-66-3	Chloroform	1 U
107-06-2	1,2-Dichloroethane	1 U
78-93-3	2-Butanone	1 <i>U</i>
71-55-6	1,1,1-Trichloroethane	1 U
56-23-5	Carbon Tetrachloride	1 U
108-05-4	Vinyl Acetate	1 <i>U</i>
75-27-4	Bromodichloromethane	1 U
78-87-5	1,2-Dichloropropane	1 U
10061-01-5	cis-1,3-Dichloropropene	1 U
79-01-6	Trichloroethene	2
124-48-1	Dibromochloromethane	1 U
79-00-5	1,1,2-Trichloroethane	1 U
71-43-2	Benzene	1 U
10061-02-6	trans-1,3-Dichloropropene	1 U
75-25-2	Bromoform	1 U
108-10-1	4-Methyl-2-Pentanone	1 <i>U</i>
591-78-6	2-Hexanone	1 <i>U</i>
127-18-4	Tetrachloroethene	1 U
79-34-5	1,1,2,2-Tetrachloroethane	1 U
108-88-3	Toluene	2
108-90-7	Chlorobenzene	1 U
100-41-4	Ethylbenzene	1 U
100-42-5	Styrene	1 U
1330-20-7	M&P Xylene	0.6 J
75-69-4	Trichlorofluoromethane	1 U
95-05-1	1,2-Dichlorobenzene	1 U

BCL 001 1319

106-46-7	1,3-Dichlorobenzene	1	U
547-73-1	1,4-Dichlorobenzene	1	U
108-86-1	Bromobenzene	1	U
74-97-5	Bromochloromethane	1	U
104-51-8	n-Butylbenzene	1	U
135-98-8	sec-Butylbenzene	1	U
98-06-6	tert-Butylbenzene	1	U
95-49-8	2-Chlorotoluene	1	U
106-43-4	4-Chlorotoluene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	U
106-93-4	1,2-Dibromoethane	1	U
74-95-3	Dibromomethane	1	U
75-71-8	Dichlorodifluoromethane	1	U
156-60-5	trans-1,2-Dichloroethene	1	U
142-28-9	1,3-Dichloropropane	1	U
590-20-7	2,2-Dichloropropane	1	U
563-58-6	1,1-Dichloropropene	1	U
87-68-3	Hexachlorobutadiene	1	U
98-82-8	Isopropylbenzene	1	U
99-87-6	4-Isopropyltoluene	1	U
91-20-3	Naphthalene	1	U
103-65-1	n-Propylbenzene	1	U
630-20-6	1,1,1,2-Tetrachlorethane	1	U
87-61-6	1,2,3-Trichlorobenzene	1	U
120-82-1	1,2,4-Trichlorobenzene	1	U
96-18-4	1,2,3-Trichloropropane	1	U
95-63-6	1,2,4-Trimethylbenzene	1	U
108-67-8	1,3,5-Trimethylbenzene	1	U
95-47-6	O-Xylene	1	U

Handwritten signature or initials

BCL 001 1320

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

5219B-002

Lab Name: SWL-TULSA Contract: _____

Lab Code: SWOK Case No.: _____ SAS No.: 5219B SDG No.: -001

Matrix: (soil/water) WATER Lab Sample ID: 189102

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: E0288

Level: (low/med) LOW Date Received: 02/01/90

Moisture: not dec. _____ Date Analyzed: 02/09/90

Column (pack/cap) CAP 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
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BCL 001 1321

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

33

5219B-003

Lab Name: SWL-TULSA

Contract: _____

Lab Code: SWOK

Case No.: _____

SAS No.: 5219B

SDG No.: -001

Matrix: (soil/water) WATER

Lab Sample ID: 189103

Sample wt/vol: 25.0 (g/mL) ML

Lab File ID: E0289

Level: (low/med) LOW

Date Received: 02/01/90

% Moisture: not dec. _____

Date Analyzed: 02/09/90

Column: (pack/cap) CAF

Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	
74-87-3	Chloromethane	1	
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	0.5	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	120	110 J
67-64-1	Acetone	1	NR
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	0.6	J
156-59-4	cis-1,2-Dichloroethene	8	
67-66-3	Chloroform	10-9	280
107-06-2	1,2-Dichloroethane	2	
78-93-3	2-Butanone	1	NR
71-55-6	1,1,1-Trichloroethane	3	U
56-23-5	Carbon Tetrachloride	1	U
108-05-4	Vinyl Acetate	1	NR
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	11	10
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone	4	2
591-78-6	2-Hexanone	1	NR
127-18-4	Tetrachloroethene	2	
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	26	22
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
100-42-5	Styrene	1	U
1330-20-7	M&P Xylene	0.6	J
75-69-4	Trichlorofluoromethane	160	120 J
95-05-1	1,2-Dichlorobenzene	1	U

FORM I VOA

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106-46-7-----1,3-Dichlorobenzene	1	U
547-73-1-----1,4-Dichlorobenzene	1	U
108-86-1-----Bromobenzene	1	U
74-97-5-----Bromochloromethane	1	U
104-51-8-----n-Butylbenzene	1	U
135-98-8-----sec-Butylbenzene	1	U
98-06-6-----tert-Butylbenzene	1	U
95-49-8-----2-Chlorotoluene	1	U
106-43-4-----4-Chlorotoluene	1	U
96-12-8-----1,2-Dibromo-3-chloropropane	1	U ^R
106-93-4-----1,2-Dibromoethane	1	U
74-95-3-----Dibromomethane	1	U
75-71-8-----Dichlorodifluoromethane	1	U
156-60-5-----trans-1,2-Dichloroethene	1	U
142-28-9-----1,3-Dichloropropane	1	U
590-20-7-----2,2-Dichloropropane	1	U
563-58-6-----1,1-Dichloropropene	1	U
87-68-3-----Hexachlorobutadiene	1	U
98-82-8-----Isopropylbenzene	1	U
99-87-6-----4-Isopropyltoluene	1	U
91-20-3-----Naphthalene	1	U
103-65-1-----n-Propylbenzene	1	U
630-20-6-----1,1,1,2-Tetrachlorethane	1	U
87-61-6-----1,2,3-Trichlorobenzene	1	U
120-82-1-----1,2,4-Trichlorobenzene	1	U
96-18-4-----1,2,3-Trichloropropane	1	U
95-63-6-----1,2,4-Trimethylbenzene	1	U
108-67-8-----1,3,5-Trimethylbenzene	1	U
95-47-6-----O-Xylene	1	U

J. J. ...

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

5219B-003

Lab Name: SWL-TULSA Contract: _____
 Lab Code: SWOK Case No.: _____ SAS No.: 5219B SDG No.: -001
 Matrix: (soil/water) WATER Lab Sample ID: 189103
 Sample wt/vol: 25.0 (g/mL) ML Lab File ID: E0289
 Level: (low/med) LOW Date Received: 02/01/90
 % Moisture: not dec. _____ Date Analyzed: 02/09/90
 Column (pack/cap) CAP Dilution Factor: 1.0

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

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 96140	Pentane, 3-methyl- (8CI9CI)	5.75	2.0	<i>AR</i>

BCL 001 1324

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

5219B-004
GW2

Lab Name: SWL-TULSA Contract: _____

Lab Code: SWOK Case No.: _____ SAS No.: 5219B SDG No.: -001

Matrix: (soil/water) WATER Lab Sample ID: 189104

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: E0290

Level: (low/med) LOW Date Received: 02/01/90

Moisture: not dec. _____ Date Analyzed: 02/09/90

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

CONCENTRATION UNITS: UG/L *10*

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	<i>Q</i>
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	0.5	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	1	U
67-64-1	Acetone	1	U
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
156-59-4	cis-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
108-05-4	Vinyl Acetate	1	U
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone	1	U
591-78-6	2-Hexanone	1	U
127-18-4	Tetrachloroethene	2	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
100-42-5	Styrene	1	U
1330-20-7	M&P Xylene	1	U
75-69-4	Trichlorofluoromethane	100-120	U
95-05-1	1,2-Dichlorobenzene	1	U

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106-46-7	1,3-Dichlorobenzene	1	U
547-73-1	1,4-Dichlorobenzene	1	U
108-86-1	Bromobenzene	1	U
74-97-5	Bromochloromethane	1	U
104-51-8	n-Butylbenzene	1	U
135-98-8	sec-Butylbenzene	1	U
98-06-6	tert-Butylbenzene	1	U
95-49-8	2-Chlorotoluene	1	U
106-43-4	4-Chlorotoluene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	UR
106-93-4	1,2-Dibromoethane	1	U
74-95-3	Dibromomethane	1	U
75-71-8	Dichlorodifluoromethane	1	U
156-60-5	trans-1,2-Dichloroethene	1	U
142-28-9	1,3-Dichloropropane	1	U
590-20-7	2,2-Dichloropropane	1	U
563-58-6	1,1-Dichloropropene	1	U
87-68-3	Hexachlorobutadiene	1	U
98-82-8	Isopropylbenzene	1	U
99-87-6	4-Isopropyltoluene	1	U
91-20-3	Naphthalene	1	U
103-65-1	n-Propylbenzene	1	U
630-20-6	1,1,1,2-Tetrachlorethane	1	U
87-61-6	1,2,3-Trichlorobenzene	1	U
120-82-1	1,2,4-Trichlorobenzene	1	U
96-18-4	1,2,3-Trichloropropane	1	U
95-63-6	1,2,4-Trimethylbenzene	1	U
108-67-8	1,3,5-Trimethylbenzene	1	U
95-47-6	O-Xylene	1	U

BCL 001 1326

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

5219B-004

Lab Name: SWL-TULSA Contract: _____
Lab Code: SWOK Case No.: _____ SAS No.: 5219B SDG No.: -001
Matrix: (soil/water) WATER Lab Sample ID: 189104
Sample wt/vol: 25.0 (g/mL) ML Lab File ID: E0290
Level: (low/med) LOW Date Received: 02/01/90
Moisture: not dec. _____ Date Analyzed: 02/09/90
Column (pack/cap) CAP 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
-----	-----	-----	-----	-----

BCL 001 1327

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

5219B-005

Lab Name: SWL-TULSA Contract: _____
 Lab Code: SWDK Case No.: _____ SAS No.: 5219B SDG No.: -001
 Matrix: (soil/water) WATER Lab Sample ID: 189105
 Sample wt/vol: 25.0 (g/mL) ML Lab File ID: E0291
 Level: (low/med) LOW Date Received: 02/01/90
 % Moisture: not dec. _____ Date Analyzed: 02/09/90
 Column: (pack/cap) CAP Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS:
		(ug/L or ug/Kg) UG/L
74-87-3	Chloromethane	1 U
74-83-9	Bromomethane	1 U
75-01-4	Vinyl Chloride	0.5 U
75-00-3	Chloroethane	1 U
75-09-2	Methylene Chloride	1 U
67-64-1	Acetone	1 U
75-15-0	Carbon Disulfide	1 U
75-35-4	1,1-Dichloroethene	1 U
75-34-3	1,1-Dichloroethane	0.5 U
156-59-4	cis-1,2-Dichloroethene	1 U
67-66-3	Chloroform	1 U
107-06-2	1,2-Dichloroethane	1 U
78-93-3	2-Butanone	1 U
71-55-6	1,1,1-Trichloroethane	1 U
56-23-5	Carbon Tetrachloride	1 U
108-05-4	Vinyl Acetate	1 U
75-27-4	Bromodichloromethane	1 U
78-87-5	1,2-Dichloropropane	1 U
10061-01-5	cis-1,3-Dichloropropene	1 U
79-01-6	Trichloroethene	2 U
124-48-1	Dibromochloromethane	1 U
79-00-5	1,1,2-Trichloroethane	1 U
71-43-2	Benzene	1 U
10061-02-6	trans-1,3-Dichloropropene	1 U
75-25-2	Bromoform	1 U
108-10-1	4-Methyl-2-Pentanone	1 U
591-78-6	2-Hexanone	1 U
127-18-4	Tetrachloroethene	1 U
79-34-5	1,1,2,2-Tetrachloroethane	1 U
108-88-3	Toluene	1 U
108-90-7	Chlorobenzene	1 U
100-41-4	Ethylbenzene	1 U
100-42-5	Styrene	0.6 U
1330-20-7	M&P Xylene	0.7 U
75-69-4	Trichlorofluoromethane	1 U
95-05-1	1,2-Dichlorobenzene	1 U

BCL 001 1328

106-46-7	1,3-Dichlorobenzene	1	U
547-73-1	1,4-Dichlorobenzene	1	U
108-86-1	Bromobenzene	1	U
74-97-5	Bromochloromethane	1	U
104-51-8	n-Butylbenzene	1	U
135-98-8	sec-Butylbenzene	1	U
98-06-6	tert-Butylbenzene	1	U
95-49-8	2-Chlorotoluene	1	U
106-43-4	4-Chlorotoluene	0.4	J
96-12-8	1,2-Dibromo-3-chloropropane	1	U ^R
106-93-4	1,2-Dibromoethane	1	U
74-95-3	Dibromomethane	1	U
75-71-8	Dichlorodifluoromethane	1	
156-60-5	trans-1,2-Dichloroethene	1	U
142-28-9	1,3-Dichloropropane	1	U
590-20-7	2,2-Dichloropropane	1	U
563-58-6	1,1-Dichloropropene	1	U
87-68-3	Hexachlorobutadiene	0.6	J
98-82-8	Isopropylbenzene	1	U
99-87-6	4-Isopropyltoluene	1	U
91-20-3	Naphthalene	1	U
103-65-1	n-Propylbenzene	1	U
630-20-6	1,1,1,2-Tetrachlorethane	1	U
87-61-6	1,2,3-Trichlorobenzene	0.5	J
120-82-1	1,2,4-Trichlorobenzene	0.5	J
96-18-4	1,2,3-Trichloropropane	1	U
95-63-6	1,2,4-Trimethylbenzene	1	U
108-67-8	1,3,5-Trimethylbenzene	1	U
95-47-6	O-Xylene	0.7	J

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

5219B-005

Lab Name: SWL-TULSA Contract: _____

Lab Code: SWOK Case No.: _____ SAS No.: 5219B SDG No.: -001

Matrix: (soil/water) WATER Lab Sample ID: 189105

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: E0291

Level: (low/med) LOW Date Received: 02/01/90

% Moisture: not dec. _____ Date Analyzed: 02/09/90

Column (pack/cap) CAF 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
1.	UNKNOWN COMPOUND	18.59	0.70	JN
2. 25155151	Benzene, methyl(1-methylethy	20.52	0.80	JN

BCL 001 1330

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

5219B-006
T.B.

Lab Name: SWL-TULSA Contract: _____
 Lab Code: SWOK Case No.: _____ SAS No.: 5219B SDG No.: -001
 Matrix: (soil/water) WATER Lab Sample ID: 189106
 Sample wt/vol: 25.0 (g/mL) ML Lab File ID: E0292
 Level: (low/med) LOW Date Received: 02/01/90
 Moisture: not dec. _____ Date Analyzed: 02/09/90
 Column: (pack/cap) CAP Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	0.5	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	2.	B
67-64-1	Acetone	1	WR.
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
156-59-4	cis-1,2-Dichloroethene	1	U
67-66-3	Chloroform	0.5	BJ
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	1	WR.
71-55-6	1,1,1-Trichloroethane	1	
56-23-5	Carbon Tetrachloride	1	U
108-05-4	Vinyl Acetate	1	WR.
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone	1	U
591-78-6	2-Hexanone	1	WR.
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
100-42-5	Styrene	1	U
1330-20-7	M&P Xylene	1	U
75-69-4	Trichlorofluoromethane	1	U
95-05-1	1,2-Dichlorobenzene	1	U

106-46-7-----1,3-Dichlorobenzene_____	1	U
547-73-1-----1,4-Dichlorobenzene_____	1	U
108-86-1-----Bromobenzene_____	1	U
74-97-5-----Bromochloromethane_____	1	U
104-51-8-----n-Butylbenzene_____	1	U
135-98-8-----sec-Butylbenzene_____	1	U
98-06-6-----tert-Butylbenzene_____	1	U
95-49-8-----2-Chlorotoluene_____	1	U
106-43-4-----4-Chlorotoluene_____	1	U
96-12-8-----1,2-Dibromo-3-chloropropane__	1	U
106-93-4-----1,2-Dibromoethane_____	1	U
74-95-3-----Dibromomethane_____	1	U
75-71-8-----Dichlorodifluoromethane_____	1	U
156-60-5-----trans-1,2-Dichloroethene_____	1	U
142-28-9-----1,3-Dichloropropane_____	1	U
590-20-7-----2,2-Dichloropropane_____	1	U
563-58-6-----1,1-Dichloropropene_____	1	U
87-68-3-----Hexachlorobutadiene_____	1	U
98-82-8-----Isopropylbenzene_____	1	U
99-87-6-----4-Isopropyltoluene_____	1	U
91-20-3-----Naphthalene_____	1	U
103-65-1-----n-Propylbenzene_____	1	U
630-20-6-----1,1,1,2-Tetrachlorethane_____	1	U
87-61-6-----1,2,3-Trichlorobenzene_____	1	U
120-82-1-----1,2,4-Trichlorobenzene_____	1	U
96-18-4-----1,2,3-Trichloropropane_____	1	U
95-63-6-----1,2,4-Trimethylbenzene_____	1	U
108-67-8-----1,3,5-Trimethylbenzene_____	1	U
95-47-6-----O-Xylene_____	1	U

BCL 001 1332

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

5219B-006
AK

Lab Name: SWL-TULSA Contract: _____
 Lab Code: SWDK Case No.: _____ SAS No.: 5219B SDG No.: -001
 Matrix: (soil/water) WATER Lab Sample ID: 189106
 Sample wt/vol: 25.0 (g/mL) ML Lab File ID: E0292
 Level: (low/med) LOW Date Received: 02/01/90
 Moisture: not dec. _____ Date Analyzed: 02/09/90
 Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN HYDROCARBON	5.75	1.0	JN

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

5219B-006DUP

Lab Name: SWL-TULSA Contract: _____

Lab Code: SWOK Case No.: _____ SAS No.: 5219B SDG No.: -001

Matrix: (soil/water) WATER Lab Sample ID: 189106

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: E0293

Level: (low/med) LDW Date Received: 02/01/90

% Moisture: not dec. _____ Date Analyzed: 02/09/90

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

CONCENTRATION UNITS: 1.000
(ug/L or ug/Kg) UG/L g

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L
74-87-3	Chloromethane	1 IU
74-83-9	Bromomethane	1 IU
75-01-4	Vinyl Chloride	0.5 IU
75-00-3	Chloroethane	1 IU
75-09-2	Methylene Chloride	2 IB
67-64-1	Acetone	1 IB
75-15-0	Carbon Disulfide	1 IU
75-35-4	1,1-Dichloroethene	1 IU
75-34-3	1,1-Dichloroethane	1 IU
156-59-4	cis-1,2-Dichloroethene	1 IU
67-66-3	Chloroform	0.5 IB
107-06-2	1,2-Dichloroethane	1 IU
78-93-3	2-Butanone	1 IB
71-55-6	1,1,1-Trichloroethane	1 IU
56-23-5	Carbon Tetrachloride	1 IU
108-05-4	Vinyl Acetate	1 IB
75-27-4	Bromodichloromethane	1 IU
78-87-5	1,2-Dichloropropane	1 IU
10061-01-5	cis-1,3-Dichloropropene	1 IU
79-01-6	Trichloroethene	1 IU
124-48-1	Dibromochloromethane	1 IU
79-00-5	1,1,2-Trichloroethane	1 IU
71-43-2	Benzene	1 IU
10061-02-6	trans-1,3-Dichloropropene	1 IU
75-25-2	Bromoform	1 IU
108-10-1	4-Methyl-2-Pentanone	1 IU
591-78-6	2-Hexanone	1 IB
127-18-4	Tetrachloroethene	1 IU
79-34-5	1,1,2,2-Tetrachloroethane	1 IU
108-88-3	Toluene	1 IU
108-90-7	Chlorobenzene	1 IU
100-41-4	Ethylbenzene	1 IU
100-42-5	Styrene	1 IU
1330-20-7	M&P Xylene	1 IU
75-69-4	Trichlorofluoromethane	1 IU
95-05-1	1,2-Dichlorobenzene	1 IU

BCL 001 1334

106-45-7	1,3-Dichlorobenzene	1	U
547-73-1	1,4-Dichlorobenzene	1	U
108-86-1	Bromobenzene	1	U
74-97-5	Bromochloromethane	1	U
104-51-8	n-Butylbenzene	1	U
135-98-6	sec-Butylbenzene	1	U
98-06-6	tert-Butylbenzene	1	U
95-49-8	2-Chlorotoluene	1	U
106-43-4	4-Chlorotoluene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	U
106-93-4	1,2-Dibromoethane	1	U
74-95-3	Dibromomethane	1	U
75-71-8	Dichlorodifluoromethane	1	U
156-60-5	trans-1,2-Dichloroethene	1	U
142-28-9	1,3-Dichloropropane	1	U
590-20-7	2,2-Dichloropropane	1	U
563-58-6	1,1-Dichloropropene	1	U
87-68-3	Hexachlorobutadiene	1	U
98-82-8	Isopropylbenzene	1	U
99-87-6	4-Isopropyltoluene	1	U
91-20-3	Naphthalene	1	U
103-65-1	n-Propylbenzene	1	U
630-20-6	1,1,1,2-Tetrachlorethane	1	U
87-61-6	1,2,3-Trichlorobenzene	1	U
120-82-1	1,2,4-Trichlorobenzene	1	U
96-18-4	1,2,3-Trichloropropane	1	U
95-63-6	1,2,4-Trimethylbenzene	1	U
108-67-8	1,3,5-Trimethylbenzene	1	U
95-47-6	O-Xylene	1	U

Handwritten: 111
5-29-90

BCL
001
1335

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

5219B-006DUP

Lab Name: SWL-TULSA Contract: _____

Lab Code: SWOK Case No.: _____ SAS No.: 5219B SDG No.: -001

Matrix: (soil/water) WATER Lab Sample ID: 189106

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: E0293

Level: (low/med) LOW Date Received: 02/01/90

% Moisture: not dec. _____ Date Analyzed: 02/09/90

Column (pack/cap) CAP Dilution Factor: 1.0

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

Number TICs found: 3

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	g
1.	UNKNOWN HYDROCARBON	5.75	2.01	JN
2.	UNKNOWN COMPOUND	22.44	0.80	JN
3.	UNKNOWN COMPOUND	23.59	0.80	JN

BCL
001
1336

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

5219B-007

Lab Name: SWL-TULSA Contract: _____

Lab Code: SWOK Case No.: _____ SAS No.: 5219B SDG No.: -001

Matrix: (soil/water) WATER Lab Sample ID: 190001

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: E0360

Level: (low/med) LOW Date Received: 02/02/90

% Moisture: not dec. _____ Date Analyzed: 02/12/90

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

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

CAS NO. COMPOUND

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>
74-87-3	Chloromethane	1 U
74-83-9	Bromomethane	1 U
75-01-4	Vinyl Chloride	0.5 U
75-00-3	Chloroethane	1 U
75-09-2	Methylene Chloride	1 U
67-64-1	Acetone	1 U
75-15-0	Carbon Disulfide	1 U
75-35-4	1,1-Dichloroethene	1 U
75-34-3	1,1-Dichloroethane	1 U
156-59-4	cis-1,2-Dichloroethene	1 U
67-66-3	Chloroform	1 U
107-06-2	1,2-Dichloroethane	1 U
78-93-3	2-Butanone	1 U
71-55-6	1,1,1-Trichloroethane	1 U
56-23-5	Carbon Tetrachloride	1 U
108-05-4	Vinyl Acetate	1 U
75-27-4	Bromodichloromethane	1 U
78-87-5	1,2-Dichloropropane	1 U
10061-01-5	cis-1,3-Dichloropropene	1 U
79-01-6	Trichloroethene	1 U
124-48-1	Dibromochloromethane	1 U
79-00-5	1,1,2-Trichloroethane	1 U
71-43-2	Benzene	1 U
10061-02-6	trans-1,3-Dichloropropene	1 U
75-25-2	Bromoform	1 U
108-10-1	4-Methyl-2-Pentanone	1 U
591-78-6	2-Hexanone	1 U
127-18-4	Tetrachloroethene	1 U
79-34-5	1,1,2,2-Tetrachloroethane	1 U
108-88-3	Toluene	1 U
108-90-7	Chlorobenzene	1 U
100-41-4	Ethylbenzene	1 U
100-42-5	Styrene	1 U
1330-20-7	M&P Xylene	1 U
75-69-4	Trichlorofluoromethane	86. U
95-05-1	1,2-Dichlorobenzene	1 U

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106-46-7	1,3-Dichlorobenzene	1	U
547-73-1	1,4-Dichlorobenzene	1	U
108-86-1	Bromobenzene	1	U
74-97-5	Bromochloromethane	1	U
104-51-8	n-Butylbenzene	1	U
135-98-8	sec-Butylbenzene	1	U
98-06-6	tert-Butylbenzene	1	U
95-49-8	2-Chlorotoluene	1	U
106-43-4	4-Chlorotoluene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	U
106-93-4	1,2-Dibromoethane	1	U
74-95-3	Dibromomethane	1	U
75-71-8	Dichlorodifluoromethane	1	U
156-60-5	trans-1,2-Dichloroethene	1	U
142-28-9	1,3-Dichloropropane	1	U
590-20-7	2,2-Dichloropropane	1	U
563-58-6	1,1-Dichloropropene	1	U
87-68-3	Hexachlorobutadiene	1	U
98-82-8	Isopropylbenzene	1	U
99-87-6	4-Isopropyltoluene	1	U
91-20-3	Naphthalene	1	U
103-65-1	n-Propylbenzene	1	U
630-20-6	1,1,1,2-Tetrachlorethane	1	U
87-61-6	1,2,3-Trichlorobenzene	1	U
120-82-1	1,2,4-Trichlorobenzene	1	U
96-18-4	1,2,3-Trichloropropane	1	U
95-63-6	1,2,4-Trimethylbenzene	1	U
108-67-8	1,3,5-Trimethylbenzene	1	U
95-47-6	O-Xylene	1	U

BCL 001 1338

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

5219B-007

Lab Name: SWL-TULSA Contract: _____

Lab Code: SWOK Case No.: _____ SAS No.: 5219B SDG No.: -001

Matrix: (soil/water) WATER Lab Sample ID: 190001

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: E0360

Level: (low/med) LOW Date Received: 02/02/90

Moisture: not dec. _____ Date Analyzed: 02/12/90

Column (pack/cap) CAF 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 COMPOUND	5.08	1.0	JN
2.	UNKNOWN HYDROCARBON	5.75	70	JN
3. 96377	Cyclopentane, methyl- (8CI9C)	6.78	1.0	R

BCL 001 1339

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

5219B-008

Lab Name: SWL-TULSA Contract: _____

Lab Code: SWOK Case No.: _____ SAS No.: 5219B SDG No.: -001

Matrix: (soil/water) WATER Lab Sample ID: 190002

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: E0406

Level: (low/med) LOW Date Received: 02/02/90

% Moisture: not dec. _____ Date Analyzed: 02/15/90

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

CONCENTRATION UNITS: UG/L *J*

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

CAS NO.	COMPOUND	CONCENTRATION UNITS:	UNIT
		(ug/L or ug/Kg) <u>UG/L</u>	<u>U</u>
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	0.5	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	1	U
67-64-1	Acetone	1	NR
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
156-59-4	cis-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	1	NR
71-55-6	1,1,1-Trichloroethane	10.9	U
56-23-5	Carbon Tetrachloride	1	U
108-05-4	Vinyl Acetate	1	NR
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone	1	U
591-78-6	2-Hexanone	1	NR
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
100-42-5	Styrene	1	U
1330-20-7	M&P Xylene	1	U
75-69-4	Trichlorofluoromethane	170	U
95-05-1	1,2-Dichlorobenzene	1	U

BCL 001 1340

106-46-7-----1,3-Dichlorobenzene	1	U
547-73-1-----1,4-Dichlorobenzene	1	U
108-86-1-----Bromobenzene	1	U
74-97-5-----Bromochloromethane	1	U
104-51-8-----n-Butylbenzene	1	U
135-98-8-----sec-Butylbenzene	1	U
98-06-6-----tert-Butylbenzene	1	U
95-49-8-----2-Chlorotoluene	1	U
106-43-4-----4-Chlorotoluene	1	U
96-12-8-----1,2-Dibromo-3-chloropropane	1	U
106-93-4-----1,2-Dibromoethane	1	U
74-95-3-----Dibromomethane	1	U
75-71-8-----Dichlorodifluoromethane	1	U
156-60-5-----trans-1,2-Dichloroethene	1	U
142-28-9-----1,3-Dichloropropane	1	U
590-20-7-----2,2-Dichloropropane	1	U
563-58-6-----1,1-Dichloropropene	1	U
87-68-3-----Hexachlorobutadiene	1	U
98-82-8-----Isopropylbenzene	1	U
99-87-6-----4-Isopropyltoluene	1	U
91-20-3-----Naphthalene	1	U
103-65-1-----n-Propylbenzene	1	U
630-20-6-----1,1,1,2-Tetrachlorethane	1	U
87-61-6-----1,2,3-Trichlorobenzene	1	U
120-82-1-----1,2,4-Trichlorobenzene	1	U
96-18-4-----1,2,3-Trichloropropane	1	U
95-63-6-----1,2,4-Trimethylbenzene	1	U
108-67-8-----1,3,5-Trimethylbenzene	1	U
95-47-6-----0-Xylene	1	U

Handwritten mark

BCL 001 1341

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

5219B-008

Lab Name: SWL-TULSA Contract: _____
 Lab Code: SWOK Case No.: _____ SAS No.: 5219B SDG No.: -001
 Matrix: (soil/water) WATER Lab Sample ID: 190002
 Sample wt/vol: 25.0 (g/mL) ML Lab File ID: E0406
 Level: (low/med) LOW Date Received: 02/02/90
 % Moisture: not dec. _____ Date Analyzed: 02/15/90
 Column (pack/cap) CAP 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
1. 110543	Hexane (8CI9CI)	5.63	23	R
2. 96377	Cyclopentane, methyl- (8CI9C)	6.78	13	JN

BCL 001 1342

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

5219B-009

Lab Name: SWL-TULSA Contract: _____
 Lab Code: SWOK Case No.: _____ SAS No.: 5219B SDG No.: -001
 Matrix: (soil/water) WATER Lab Sample ID: 190003
 Sample wt/vol: 25.0 (g/mL) ML Lab File ID: E0334
 Level: (low/med) LOW Date Received: 02/02/90
 % Moisture: not dec. _____ Date Analyzed: 02/10/90
 Column: (pack/cap) CAP Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	g
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	0.5	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	6.	U.
67-64-1	Acetone	1	U.R.
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
156-59-4	cis-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	1	U.R.
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
108-05-4	Vinyl Acetate	1	U.J.
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1.	U
108-10-1	4-Methyl-2-Pentanone	1	U
591-78-6	2-Hexanone	1	U.K.
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
100-42-5	Styrene	1	U
1330-20-7	M&P Xylene	1	U
75-69-4	Trichlorofluoromethane	1	U
95-05-1	1,2-Dichlorobenzene	1	U

106-46-7	1,3-Dichlorobenzene	1	U
547-73-1	1,4-Dichlorobenzene	1	U
108-86-1	Bromobenzene	1	U
74-97-5	Bromochloromethane	1	U
104-51-8	n-Butylbenzene	1	U
135-98-8	sec-Butylbenzene	1	U
98-06-6	tert-Butylbenzene	1	U
95-49-8	2-Chlorotoluene	1	U
106-43-4	4-Chlorotoluene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	U ^{RR}
106-93-4	1,2-Dibromoethane	1	U
74-95-3	Dibromomethane	1	U
75-71-8	Dichlorodifluoromethane	1	U
156-60-5	trans-1,2-Dichloroethene	1	U
142-28-9	1,3-Dichloropropane	1	U
590-20-7	2,2-Dichloropropane	1	U
563-58-6	1,1-Dichloropropene	1	U
87-68-3	Hexachlorobutadiene	1	U
98-82-8	Isopropylbenzene	1	U
99-87-6	4-Isopropyltoluene	1	U
91-20-3	Naphthalene	1	U
103-65-1	n-Propylbenzene	1	U
630-20-6	1,1,1,2-Tetrachlorethane	1	U
87-61-6	1,2,3-Trichlorobenzene	1	U
120-82-1	1,2,4-Trichlorobenzene	1	U
96-18-4	1,2,3-Trichloropropane	1	U
95-63-6	1,2,4-Trimethylbenzene	1	U
108-67-8	1,3,5-Trimethylbenzene	1	U
95-47-6	O-Xylene	1	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

5219B-009

Lab Name: SWL-TULSA Contract: _____

Lab Code: SWOK Case No.: _____ SAS No.: 5219B SDG No.: -001

Matrix: (soil/water) WATER Lab Sample ID: 190003

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: E0334

Level: (low/med) LOW Date Received: 02/02/90

% Moisture: not dec. _____ Date Analyzed: 02/10/90

Column (pack/cap) CAP Dilution Factor: 1.0

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

Number TICs found: 3

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN COMPOUND (CO.)	3.03	2.0	NR
2. 110543	Hexane (BCI9CI)	5.75	13	NR
3. 96377	Cyclopentane, methyl- (BCI9C)	6.88	4.0	JN

BCL 001 1345

149A

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

5219B-010
J.P.

Lab Name: SWL-TULSA Contract: _____
 Lab Code: SWOK Case No.: _____ SAS No.: 5219B SDG No.: -001
 Matrix: (soil/water) WATER Lab Sample ID: 190004
 Sample wt/vol: 25.0 (g/mL) ML Lab File ID: E0335
 Level: (low/med) LOW Date Received: 02/02/90
 Moisture: not dec. _____ Date Analyzed: 02/10/90
 Column: (pack/cap) CAF Dilution Factor: 1.0

CONCENTRATION UNITS: UG/L *J.P.*

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	0.5	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	1	
67-64-1	Acetone	1	<i>NR</i>
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
156-59-4	cis-1,2-Dichloroethene	1	U
67-66-3	Chloroform	0.5	J
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	1	<i>NR</i>
71-55-6	1,1,1-Trichloroethane	1	
56-23-5	Carbon Tetrachloride	1	U
108-05-4	Vinyl Acetate	1	<i>UJ</i>
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone	1	U
591-78-6	2-Hexanone	1	<i>NR</i>
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
100-42-5	Styrene	1	U
1330-20-7	M&P Xylene	1	U
75-69-4	Trichlorofluoromethane	1	U
95-05-1	1,2-Dichlorobenzene	1	U

106-46-7-----	1,3-Dichlorobenzene	1	UU
547-73-1-----	1,4-Dichlorobenzene	1	UU
108-86-1-----	Bromobenzene	1	UU
74-97-5-----	Bromochloromethane	1	UU
104-51-8-----	n-Butylbenzene	1	UU
135-98-8-----	sec-Butylbenzene	1	UU
98-06-6-----	tert-Butylbenzene	1	UU
95-49-8-----	2-Chlorotoluene	1	UU
106-43-4-----	4-Chlorotoluene	1	UU
96-12-8-----	1,2-Dibromo-3-chloropropane	1	UU ^{R.}
106-93-4-----	1,2-Dibromoethane	1	UU
74-95-3-----	Dibromomethane	1	UU
75-71-8-----	Dichlorodifluoromethane	1	UU
156-60-5-----	trans-1,2-Dichloroethene	1	UU
142-28-9-----	1,3-Dichloropropane	1	UU
590-20-7-----	2,2-Dichloropropane	1	UU
563-58-6-----	1,1-Dichloropropene	1	UU
87-68-3-----	Hexachlorobutadiene	1	UU
98-82-8-----	Isopropylbenzene	1	UU
99-87-6-----	4-Isopropyltoluene	1	UU
91-20-3-----	Naphthalene	1	UU
103-65-1-----	n-Propylbenzene	1	UU
630-20-6-----	1,1,1,2-Tetrachlorethane	1	UU
87-61-6-----	1,2,3-Trichlorobenzene	1	UU
120-82-1-----	1,2,4-Trichlorobenzene	1	UU
96-18-4-----	1,2,3-Trichloropropane	1	UU
95-63-6-----	1,2,4-Trimethylbenzene	1	UU
108-67-8-----	1,3,5-Trimethylbenzene	1	UU
95-47-6-----	0-Xylene	1	UU

BCL 001 1347

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

5219B-010
J.K.

Lab Name: SWL-TULSA Contract: _____

Lab Code: SWOK Case No.: _____ SAS No.: 5219B SDG No.: -001

Matrix: (soil/water) WATER Lab Sample ID: 190004

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: E0335

Level: (low/med) LOW Date Received: 02/02/90

Moisture: not dec. _____ Date Analyzed: 02/10/90

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 2

CONCENTRATION UNITS: UG/L
(ug/L or ug/Kg) *✓ 1-90*

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 110543	Hexane (8CI9CI)	5.77	4.0	<i>R</i>
2. 96377	Cyclopentane, methyl- (8CI9C)	6.88	0.60	<i>JN</i>

BCL 001 1348

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FBLK1

Lab Name: SWL-TULSA Contract: _____
 Lab Code: SWOK Case No.: _____ SAS No.: 5219B SDG No.: -001
 Matrix: (soil/water) WATER Lab Sample ID: FBLK1
 Sample wt/vol: 25.0 (g/mL) ML Lab File ID: E0282
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. _____ Date Analyzed: 02/08/90
 Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
74-87-3	Chloromethane	0.81J	
74-83-9	Bromomethane	1	
75-01-4	Vinyl Chloride	0.41J	
75-00-3	Chloroethane	1	
75-09-2	Methylene Chloride	2	
67-64-1	Acetone	1	U
75-15-0	Carbon Disulfide	0.91J	
75-35-4	1,1-Dichloroethene	0.91J	
75-34-3	1,1-Dichloroethane	0.91J	
156-59-4	cis-1,2-Dichloroethene	1	
67-66-3	Chloroform	2	
107-06-2	1,2-Dichloroethane	1	
78-93-3	2-Butanone	0.81J	
71-55-6	1,1,1-Trichloroethane	0.91J	
56-23-5	Carbon Tetrachloride	0.91J	
108-05-4	Vinyl Acetate	0.51J	
75-27-4	Bromodichloromethane	1	
78-87-5	1,2-Dichloropropane	0.81J	
10061-01-5	cis-1,3-Dichloropropene	0.81J	
79-01-6	Trichloroethene	1	
124-48-1	Dibromochloromethane	1	
79-00-5	1,1,2-Trichloroethane	1	
71-43-2	Benzene	0.91J	
10061-02-6	trans-1,3-Dichloropropene	0.21J	
75-25-2	Bromoform	1	
108-10-1	4-Methyl-2-Pentanone	1	
591-78-6	2-Hexanone	1	
127-18-4	Tetrachloroethene	1	
79-34-5	1,1,2,2-Tetrachloroethane	1	
108-88-3	Toluene	1	
108-90-7	Chlorobenzene	1	
100-41-4	Ethylbenzene	1	
100-42-5	Styrene	2	
1330-20-7	M&P Xylene	2	
75-69-4	Trichlorofluoromethane	1	
95-05-1	1,2-Dichlorobenzene	1	

BCL 001 1349

106-46-7	1,3-Dichlorobenzene	1
547-73-1	1,4-Dichlorobenzene	1
108-86-1	Bromobenzene	1
74-97-5	Bromochloromethane	1
104-51-8	n-Butylbenzene	1
135-98-8	sec-Butylbenzene	0.9 J
98-06-6	tert-Butylbenzene	1
95-49-8	2-Chlorotoluene	1
106-43-4	4-Chlorotoluene	1
96-12-8	1,2-Dibromo-3-chloropropane	1
106-93-4	1,2-Dibromoethane	1
74-95-3	Dibromomethane	1
75-71-8	Dichlorodifluoromethane	0.6 J
156-60-5	trans-1,2-Dichloroethene	0.8 J
142-28-9	1,3-Dichloropropane	1
590-20-7	2,2-Dichloropropane	0.9 J
563-58-6	1,1-Dichloropropene	0.9 J
87-68-3	Hexachlorobutadiene	1
98-82-8	Isopropylbenzene	1
99-87-6	4-Isopropyltoluene	1
91-20-3	Naphthalene	2
103-65-1	n-Propylbenzene	1
630-20-6	1,1,1,2-Tetrachlorethane	1
87-61-6	1,2,3-Trichlorobenzene	1
120-82-1	1,2,4-Trichlorobenzene	1
96-18-4	1,2,3-Trichloropropane	2
95-63-6	1,2,4-Trimethylbenzene	1
108-67-8	1,3,5-Trimethylbenzene	1
95-47-6	O-Xylene	2

BCL
001
1350

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FBLK1

Lab Name: SWL-TULSA Contract: _____

Lab Code: SWOK Case No.: _____ SAS No.: 5219B SDG No.: -001

Matrix: (soil/water) WATER Lab Sample ID: FBLK1

Sample wt/vol: . 25.0 (g/mL) ML Lab File ID: E0282

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

% Moisture: not dec. _____ Date Analyzed: 02/08/90

Column (pack/cap) CAP 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

BCL
001
1351

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK1

Lab Name: SWL-TULSA Contract: _____

Lab Code: SWOK Case No.: _____ SAS No.: 5219B SDG No.: -001

Matrix: (soil/water) WATER Lab Sample ID: VBLK1

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: E0283

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

Moisture: not dec. _____ Date Analyzed: 02/08/90

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

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

CAS NO.	COMPOUND	Q
74-87-3	Chloromethane	1 U
74-83-9	Bromomethane	1 U
75-01-4	Vinyl Chloride	0.5 U
75-00-3	Chloroethane	1 U
75-09-2	Methylene Chloride	0.7 U
67-64-1	Acetone	1 U
75-15-0	Carbon Disulfide	1 U
75-35-4	1,1-Dichloroethene	1 U
75-34-3	1,1-Dichloroethane	1 U
156-59-4	cis-1,2-Dichloroethene	1 U
67-66-3	Chloroform	1 U
107-06-2	1,2-Dichloroethane	1 U
78-93-3	2-Butanone	1 U
71-55-6	1,1,1-Trichloroethane	1 U
56-23-5	Carbon Tetrachloride	1 U
108-05-4	Vinyl Acetate	1 U
75-27-4	Bromodichloromethane	1 U
78-87-5	1,2-Dichloropropane	1 U
10061-01-5	cis-1,3-Dichloropropene	1 U
79-01-6	Trichloroethene	1 U
124-48-1	Dibromochloromethane	1 U
79-00-5	1,1,2-Trichloroethane	1 U
71-43-2	Benzene	1 U
10061-02-6	trans-1,3-Dichloropropene	1 U
75-25-2	Bromoform	1 U
108-10-1	4-Methyl-2-Pentanone	1 U
591-78-6	2-Hexanone	1 U
127-18-4	Tetrachloroethene	1 U
79-34-5	1,1,2,2-Tetrachloroethane	1 U
108-88-3	Toluene	1 U
108-90-7	Chlorobenzene	1 U
100-41-4	Ethylbenzene	1 U
100-42-5	Styrene	1 U
1330-20-7	M&P Xylene	1 U
75-69-4	Trichlorofluoromethane	1 U
95-05-1	1,2-Dichlorobenzene	1 U

BCL 001 1352

106-46-7	1,3-Dichlorobenzene	1	U
547-73-1	1,4-Dichlorobenzene	1	U
108-86-1	Bromobenzene	1	U
74-97-5	Bromochloromethane	1	U
104-51-8	n-Butylbenzene	1	U
135-98-8	sec-Butylbenzene	1	U
98-06-6	tert-Butylbenzene	1	U
95-49-8	2-Chlorotoluene	1	U
106-43-4	4-Chlorotoluene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	U
106-93-4	1,2-Dibromoethane	1	U
74-95-3	Dibromomethane	1	U
75-71-8	Dichlorodifluoromethane	1	U
156-60-5	trans-1,2-Dichloroethene	1	U
142-28-9	1,3-Dichloropropane	1	U
590-20-7	2,2-Dichloropropane	1	U
563-58-6	1,1-Dichloropropene	1	U
87-68-3	Hexachlorobutadiene	1	U
98-82-8	Isopropylbenzene	1	U
99-87-6	4-Isopropyltoluene	1	U
91-20-3	Naphthalene	1	U
103-65-1	n-Propylbenzene	1	U
630-20-6	1,1,1,2-Tetrachlorethane	1	U
87-61-6	1,2,3-Trichlorobenzene	1	U
120-82-1	1,2,4-Trichlorobenzene	1	U
96-18-4	1,2,3-Trichloropropane	1	U
95-63-6	1,2,4-Trimethylbenzene	1	U
108-67-8	1,3,5-Trimethylbenzene	1	U
95-47-6	O-Xylene	1	U

BCL 001 1353

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK1

Lab Name: SWL-TULSA Contract: _____
Lab Code: SWOK Case No.: _____ SAS No.: 5219B SDG No.: -001
Matrix: (soil/water) WATER Lab Sample ID: VBLK1
Sample wt/vol: 25.0 (g/mL) ML Lab File ID: E0283
Level: (low/med) LOW Date Received: _____
Moisture: not dec. _____ Date Analyzed: 02/08/90
Column (pack/cap) CAP 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.

FBLK2

Lab Name: SWL-TULSA Contract: _____

Lab Code: SWOK Case No.: _____ SAS No.: 5219B SDG No.: -001

Matrix: (soil/water) WATER Lab Sample ID: FBLK2

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: E0330

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

% Moisture: not dec. _____ Date Analyzed: 02/10/90

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
74-87-3	Chloromethane	1	
74-83-9	Bromomethane	1	
75-01-4	Vinyl Chloride	0.5	
75-00-3	Chloroethane	2	
75-09-2	Methylene Chloride	1	
67-64-1	Acetone	1	U
75-15-0	Carbon Disulfide	0.9	J
75-35-4	1,1-Dichloroethene	1	
75-34-3	1,1-Dichloroethane	1	
156-59-4	cis-1,2-Dichloroethene	1	
67-66-3	Chloroform	2	
107-06-2	1,2-Dichloroethane	1	
78-93-3	2-Butanone	1	U
71-55-6	1,1,1-Trichloroethane	1	
56-23-5	Carbon Tetrachloride	1	
108-05-4	Vinyl Acetate	0.05	J
75-27-4	Bromodichloromethane	1	
78-87-5	1,2-Dichloropropane	1	
10061-01-5	cis-1,3-Dichloropropene	0.7	J
79-01-6	Trichloroethene	1	
124-48-1	Dibromochloromethane	1	
79-00-5	1,1,2-Trichloroethane	0.9	J
71-43-2	Benzene	1	
10061-02-6	trans-1,3-Dichloropropene	0.2	J
75-25-2	Bromoform	0.8	J
108-10-1	4-Methyl-2-Pentanone	0.8	J
591-78-6	2-Hexanone	0.5	J
127-18-4	Tetrachloroethene	1	
79-34-5	1,1,2,2-Tetrachloroethane	0.9	J
108-88-3	Toluene	1	
108-90-7	Chlorobenzene	1	
100-41-4	Ethylbenzene	1	
100-42-5	Styrene	2	
1330-20-7	M&P Xylene	2	
75-69-4	Trichlorofluoromethane	1	
95-05-1	1,2-Dichlorobenzene	1	

BCL 001 1355

106-46-7-----1,3-Dichlorobenzene	1
547-73-1-----1,4-Dichlorobenzene	1
108-86-1-----Bromobenzene	1
74-97-5-----Bromochloromethane	1
104-51-8-----n-Butylbenzene	1
135-98-8-----sec-Butylbenzene	1
98-06-6-----tert-Butylbenzene	1
95-49-8-----2-Chlorotoluene	1
106-43-4-----4-Chlorotoluene	1
96-12-8-----1,2-Dibromo-3-chloropropane	0.8 J
106-93-4-----1,2-Dibromoethane	1
74-95-3-----Dibromomethane	1
75-71-8-----Dichlorodifluoromethane	0.8 J
156-60-5-----trans-1,2-Dichloroethene	1
142-28-9-----1,3-Dichloropropane	0.9 J
590-20-7-----2,2-Dichloropropane	1
563-58-6-----1,1-Dichloropropene	1
87-68-3-----Hexachlorobutadiene	1
98-82-8-----Isopropylbenzene	1
99-87-6-----4-Isopropyltoluene	1
91-20-3-----Naphthalene	1
103-65-1-----n-Propylbenzene	1
630-20-6-----1,1,1,2-Tetrachlorethane	1
87-61-6-----1,2,3-Trichlorobenzene	1
120-82-1-----1,2,4-Trichlorobenzene	1
96-18-4-----1,2,3-Trichloropropane	2
95-63-6-----1,2,4-Trimethylbenzene	1
108-67-8-----1,3,5-Trimethylbenzene	1
95-47-6-----O-Xylene	2

BCL 001 1356

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK2

Lab Name: SWL-TULSA Contract: _____

Lab Code: SWOK Case No.: _____ SAS No.: 5219B SDG No.: -001

Matrix: (soil/water) WATER Lab Sample ID: VBLK2

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: E0331

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

% Moisture: not dec. _____ Date Analyzed: 02/10/90

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	0.5	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	1	U
67-64-1	Acetone	1	U
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
156-59-4	cis-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
108-05-4	Vinyl Acetate	1	U
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone	1	U
591-78-6	2-Hexanone	1	U
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	0.6	J
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
100-42-5	Styrene	1	U
1330-20-7	M&P Xylene	1	U
75-69-4	Trichlorofluoromethane	1	U
95-05-1	1,2-Dichlorobenzene	1	U

BCL 001 1357

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FBLK2

Lab Name: SWL-TULSA Contract: _____

Lab Code: SWOK Case No.: _____ SAS No.: 5219B SDG No.: -001

Matrix: (soil/water) WATER Lab Sample ID: FBLK2

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: E0330

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

Moisture: not dec. _____ Date Analyzed: 02/10/90

Column (pack/cap) CAP 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
=====	=====	=====	=====	=====

BCL 001 1358

106-46-7	1,3-Dichlorobenzene	1	U
547-73-1	1,4-Dichlorobenzene	1	U
108-86-1	Bromobenzene	1	U
74-97-5	Bromochloromethane	1	U
104-51-8	n-Butylbenzene	1	U
135-98-8	sec-Butylbenzene	1	U
98-06-6	tert-Butylbenzene	1	U
95-49-8	2-Chlorotoluene	1	U
106-43-4	4-Chlorotoluene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	U
106-93-4	1,2-Dibromoethane	1	U
74-95-3	Dibromomethane	1	U
75-71-8	Dichlorodifluoromethane	1	U
156-60-5	trans-1,2-Dichloroethene	1	U
142-28-9	1,3-Dichloropropane	1	U
590-20-7	2,2-Dichloropropane	1	U
563-58-6	1,1-Dichloropropene	1	U
87-68-3	Hexachlorobutadiene	1	U
98-82-8	Isopropylbenzene	1	U
99-87-6	4-Isopropyltoluene	1	U
91-20-3	Naphthalene	1	U
103-65-1	n-Propylbenzene	1	U
630-20-6	1,1,1,2-Tetrachlorethane	1	U
87-61-6	1,2,3-Trichlorobenzene	1	U
120-82-1	1,2,4-Trichlorobenzene	1	U
96-18-4	1,2,3-Trichloropropane	1	U
95-63-6	1,2,4-Trimethylbenzene	1	U
108-67-8	1,3,5-Trimethylbenzene	1	U
95-47-6	O-Xylene	1	U

BCL 001 1359

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK2

Lab Name: SWL-TULSA Contract: _____

Lab Code: SWOK Case No.: _____ SAS No.: 5219B SDG No.: -001

Matrix: (soil/water) WATER Lab Sample ID: VBLK2

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: E0331

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

Moisture: not dec. _____ Date Analyzed: 02/10/90

Column (pack/cap) CAP 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.

FBLK3

Lab Name: SWL-TULSA Contract: _____

Lab Code: SWOK Case No.: _____ SAS No.: 5219B SD6 No.: -001

Matrix: (soil/water) WATER Lab Sample ID: FBLK3

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: E0351

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

% Moisture: not dec. _____ Date Analyzed: 02/11/90

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

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

CAS NO.	COMPOUND	Q
74-87-3	Chloromethane	0.4 J
74-83-9	Bromomethane	1
75-01-4	Vinyl Chloride	0.5 J
75-00-3	Chloroethane	0.9 J
75-09-2	Methylene Chloride	1
67-64-1	Acetone	1 U
75-15-0	Carbon Disulfide	0.9 J
75-35-4	1,1-Dichloroethene	1
75-34-3	1,1-Dichloroethane	1
156-59-4	cis-1,2-Dichloroethene	1
67-66-3	Chloroform	1
107-06-2	1,2-Dichloroethane	1
78-93-3	2-Butanone	1 U
71-55-6	1,1,1-Trichloroethane	1
56-23-5	Carbon Tetrachloride	1
108-05-4	Vinyl Acetate	1 U
75-27-4	Bromodichloromethane	0.9 J
78-87-5	1,2-Dichloropropane	0.9 J
10061-01-5	cis-1,3-Dichloropropene	0.7 J
79-01-6	Trichloroethene	1
124-48-1	Dibromochloromethane	0.9 J
79-00-5	1,1,2-Trichloroethane	0.9 J
71-43-2	Benzene	1
10061-02-6	trans-1,3-Dichloropropene	0.2 J
75-25-2	Bromoform	0.8 J
108-10-1	4-Methyl-2-Pentanone	0.3 J
591-78-6	2-Hexanone	0.3 J
127-18-4	Tetrachloroethene	1
79-34-5	1,1,2,2-Tetrachloroethane	0.9 J
108-88-3	Toluene	1
108-90-7	Chlorobenzene	1
100-41-4	Ethylbenzene	1
100-42-5	Styrene	2
1330-20-7	M&P Xylene	2
75-69-4	Trichlorofluoromethane	1
95-05-1	1,2-Dichlorobenzene	1

BCL 001 1361

106-46-7	1,3-Dichlorobenzene	1
547-73-1	1,4-Dichlorobenzene	1
108-86-1	Bromobenzene	1
74-97-5	Bromochloromethane	1
104-51-8	n-Butylbenzene	1
135-98-8	sec-Butylbenzene	1
98-06-6	tert-Butylbenzene	1
95-49-8	2-Chlorotoluene	1
106-43-4	4-Chlorotoluene	1
96-12-8	1,2-Dibromo-3-chloropropane	0.71J
106-93-4	1,2-Dibromoethane	0.91J
74-95-3	Dibromomethane	0.91J
75-71-8	Dichlorodifluoromethane	0.81J
156-60-5	trans-1,2-Dichloroethene	1
142-28-9	1,3-Dichloropropane	1
590-20-7	2,2-Dichloropropane	1
563-58-6	1,1-Dichloropropene	1
87-68-3	Hexachlorobutadiene	1
98-82-8	Isopropylbenzene	1
99-87-6	4-Isopropyltoluene	1
91-20-3	Naphthalene	1
103-65-1	n-Propylbenzene	1
630-20-6	1,1,1,2-Tetrachlorethane	1
87-61-6	1,2,3-Trichlorobenzene	1
120-82-1	1,2,4-Trichlorobenzene	1
96-18-4	1,2,3-Trichloropropane	1
95-63-6	1,2,4-Trimethylbenzene	1
108-67-8	1,3,5-Trimethylbenzene	1
95-47-6	O-Xylene	2

BCL 001 1362

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FBLK3

Lab Name: SWL-TULSA Contract: _____
Lab Code: SWOK Case No.: _____ SAS No.: 5219E SDG No.: -001
Matrix: (soil/water) WATER Lab Sample ID: FBLK3
Sample wt/vol: 25.0 (g/mL) ML Lab File ID: E0351
Level: (low/med) LOW Date Received: _____
% Moisture: not dec. _____ Date Analyzed: 02/11/90
Column (pack/cap) CAP 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
=====	=====	=====	=====	=====

BCL 001 1363

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK3

Lab Name: SWL-TULSA Contract: _____
 Lab Code: SWOK Case No.: _____ SAS No.: 5219B SDG No.: -001
 Matrix: (soil/water) WATER Lab Sample ID: VBLK3
 Sample wt/vol: 25.0 (g/mL) ML Lab File ID: E0352
 Level: (low/med) LOW Date Received: _____
 Moisture: not dec. _____ Date Analyzed: 02/11/90
 Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	0.5	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	1	U
67-64-1	Acetone	1	U
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
156-59-4	cis-1,2-Dichloroethene	1	U
67-66-3	Chloroform	0.5	J
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
108-05-4	Vinyl Acetate	1	U
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone	1	U
591-78-6	2-Hexanone	1	U
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
100-42-5	Styrene	1	U
1330-20-7	M&P Xylene	1	U
75-69-4	Trichlorofluoromethane	1	U
95-05-1	1,2-Dichlorobenzene	1	U

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106-46-7	1,3-Dichlorobenzene	1	U
547-73-1	1,4-Dichlorobenzene	1	U
108-64-1	Bromobenzene	1	U
74-97-5	Bromochloromethane	1	U
104-51-8	n-Butylbenzene	1	U
135-98-8	sec-Butylbenzene	1	U
98-06-6	tert-Butylbenzene	1	U
95-49-8	2-Chlorotoluene	1	U
106-43-4	4-Chlorotoluene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	U
106-93-4	1,2-Dibromoethane	1	U
74-95-3	Dibromomethane	1	U
75-71-8	Dichlorodifluoromethane	1	U
156-60-5	trans-1,2-Dichloroethene	1	U
142-28-9	1,3-Dichloropropane	1	U
590-20-7	2,2-Dichloropropane	1	U
563-58-6	1,1-Dichloropropene	1	U
87-68-3	Hexachlorobutadiene	1	U
98-82-8	Isopropylbenzene	1	U
99-87-6	4-Isopropyltoluene	1	U
91-20-3	Naphthalene	1	U
103-65-1	n-Propylbenzene	1	U
630-20-6	1,1,1,2-Tetrachlorethane	1	U
87-61-6	1,2,3-Trichlorobenzene	1	U
120-82-1	1,2,4-Trichlorobenzene	1	U
96-18-4	1,2,3-Trichloropropane	1	U
95-63-6	1,2,4-Trimethylbenzene	1	U
108-67-8	1,3,5-Trimethylbenzene	1	U
95-47-6	O-Xylene	1	U

BCL 001 1365

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK3

Lab Name: SWL-TULSA Contract: _____
Lab Code: SWOK Case No.: _____ SAS No.: 5219E SDG No.: -001
Matrix: (soil/water) WATER Lab Sample ID: VBLK3
Sample wt/vol: 25.0 (g/mL) ML Lab File ID: E0352
Level: (low/med) LOW Date Received: _____
Moisture: not dec. _____ Date Analyzed: 02/11/90
Column (pack/cap) CAP 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
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BCL 001 1366

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FBLK4

Lab Name: SWL-TULSA Contract: _____
 Lab Code: SWOK Case No.: _____ SAS No.: 5219B SDG No.: -001
 Matrix: (soil/water) WATER Lab Sample ID: FBLK4
 Sample wt/vol: 25.0 (g/mL) ML Lab File ID: E0404
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. _____ Date Analyzed: 02/15/90
 Column: (pack/cap) CAP Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
74-87-3	Chloromethane	0.5	J
74-83-9	Bromomethane	1	
75-01-4	Vinyl Chloride	0.4	J
75-00-3	Chloroethane	0.9	J
75-09-2	Methylene Chloride	0.9	J
67-64-1	Acetone	1	U
75-15-0	Carbon Disulfide	0.9	J
75-35-4	1,1-Dichloroethene	0.9	J
75-34-3	1,1-Dichloroethane	0.9	J
156-59-4	cis-1,2-Dichloroethene	0.9	J
67-66-3	Chloroform	1	
107-06-2	1,2-Dichloroethane	1	
78-93-3	2-Butanone	1	U
71-55-6	1,1,1-Trichloroethane	0.9	J
56-23-5	Carbon Tetrachloride	1	
108-05-4	Vinyl Acetate	2	
75-27-4	Bromodichloromethane	0.9	J
78-87-5	1,2-Dichloropropane	1	
10061-01-5	cis-1,3-Dichloropropene	0.7	J
79-01-6	Trichloroethene	1	
124-48-1	Dibromochloromethane	1	
79-00-5	1,1,2-Trichloroethane	1	
71-43-2	Benzene	1	
10061-02-6	trans-1,3-Dichloropropene	0.09	J
75-25-2	Bromoform	0.9	J
108-10-1	4-Methyl-2-Pentanone	0.6	J
591-78-6	2-Hexanone	1	U
127-18-4	Tetrachloroethene	1	
79-34-5	1,1,2,2-Tetrachloroethane	0.9	J
108-88-3	Toluene	0.9	J
108-90-7	Chlorobenzene	1	
100-41-4	Ethylbenzene	1	
100-42-5	Styrene	2	
1330-20-7	M&P Xylene	2	
75-69-4	Trichlorofluoromethane	1	
95-05-1	1,2-Dichlorobenzene	1	

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106-46-7-----1,3-Dichlorobenzene	1
547-73-1-----1,4-Dichlorobenzene	1
108-86-1-----Bromobenzene	1
74-97-5-----Bromochloromethane	0.9 J
104-51-8-----n-Butylbenzene	1
135-98-8-----sec-Butylbenzene	1
98-06-6-----tert-Butylbenzene	1
95-49-8-----2-Chlorotoluene	1
106-43-4-----4-Chlorotoluene	1
96-12-8-----1,2-Dibromo-3-chloropropane	0.5 J
106-93-4-----1,2-Dibromoethane	1
74-95-3-----Dibromomethane	1
75-71-8-----Dichlorodifluoromethane	0.7 J
156-60-5-----trans-1,2-Dichloroethene	0.9 J
142-28-9-----1,3-Dichloropropane	0.9 J
590-20-7-----2,2-Dichloropropane	1
563-58-6-----1,1-Dichloropropene	1
87-68-3-----Hexachlorobutadiene	1
98-82-8-----Isopropylbenzene	1
99-87-6-----4-Isopropyltoluene	1
91-20-3-----Naphthalene	1
103-65-1-----n-Propylbenzene	1
630-20-6-----1,1,1,2-Tetrachlorethane	0.9 J
87-61-6-----1,2,3-Trichlorobenzene	1
120-82-1-----1,2,4-Trichlorobenzene	1
96-18-4-----1,2,3-Trichloropropane	1
95-63-6-----1,2,4-Trimethylbenzene	1
108-67-8-----1,3,5-Trimethylbenzene	1
95-47-6-----O-Xylene	2

BCL 001 1368

FORM I VOA

1/87 Rev.

305

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FBLK4

Lab Name: SWL-TULSA Contract: _____

Lab Code: SWDK Case No.: _____ SAS No.: 5219B SDG No.: -001

Matrix: (soil/water) WATER Lab Sample ID: FBLK4

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: E0404

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

% Moisture: not dec. _____ Date Analyzed: 02/15/90

Column (pack/cap) CAP 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
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BCL 001 1369

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK4

Lab Name: SWL-TULSA Contract: _____
 Lab Code: SWDK Case No.: _____ SAS No.: 5219B SDG No.: -001
 Matrix: (soil/water) WATER Lab Sample ID: VBLK4
 Sample wt/vol: 25.0 (g/mL) ML Lab File ID: E0405
 Level: (low/med) LOW Date Received: _____
 Moisture: not dec. _____ Date Analyzed: 02/15/90
 Column: (pack/cap) CAP Dilution Factor: 1.0

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

CAS NO.	COMPOUND	Q
74-87-3	Chloromethane	1 U
74-83-9	Bromomethane	1 U
75-01-4	Vinyl Chloride	0.5 U
75-00-3	Chloroethane	1 U
75-09-2	Methylene Chloride	1 U
67-64-1	Acetone	1 U
75-15-0	Carbon Disulfide	1 U
75-35-4	1,1-Dichloroethene	1 U
75-34-3	1,1-Dichloroethane	1 U
156-59-4	cis-1,2-Dichloroethene	1 U
67-66-3	Chloroform	1 U
107-06-2	1,2-Dichloroethane	1 U
78-93-3	2-Butanone	1 U
71-55-6	1,1,1-Trichloroethane	1 U
56-23-5	Carbon Tetrachloride	1 U
108-05-4	Vinyl Acetate	1 U
75-27-4	Bromodichloromethane	1 U
78-87-5	1,2-Dichloropropane	1 U
10061-01-5	cis-1,3-Dichloropropene	1 U
79-01-6	Trichloroethene	1 U
124-48-1	Dibromochloromethane	1 U
79-00-5	1,1,2-Trichloroethane	1 U
71-43-2	Benzene	1 U
10061-02-6	trans-1,3-Dichloropropene	1 U
75-25-2	Bromoform	1 U
108-10-1	4-Methyl-2-Pentanone	1 U
591-78-6	2-Hexanone	1 U
127-18-4	Tetrachloroethene	1 U
79-34-5	1,1,2,2-Tetrachloroethane	1 U
108-88-3	Toluene	1 U
108-90-7	Chlorobenzene	1 U
100-41-4	Ethylbenzene	1 U
100-42-5	Styrene	1 U
1330-20-7	M&P Xylene	1 U
75-69-4	Trichlorofluoromethane	1 U
95-05-1	1,2-Dichlorobenzene	1 U

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106-46-7	1,3-Dichlorobenzene	1	U
547-73-1	1,4-Dichlorobenzene	1	U
108-86-1	Bromobenzene	1	U
74-97-5	Bromochloromethane	1	U
104-51-6	n-Butylbenzene	1	U
135-98-8	sec-Butylbenzene	1	U
98-06-6	tert-Butylbenzene	1	U
95-49-8	2-Chlorotoluene	1	U
106-43-4	4-Chlorotoluene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	U
106-93-4	1,2-Dibromoethane	1	U
74-95-3	Dibromomethane	1	U
75-71-8	Dichlorodifluoromethane	1	U
156-60-5	trans-1,2-Dichloroethene	1	U
142-28-9	1,3-Dichloropropane	1	U
590-20-7	2,2-Dichloropropane	1	U
563-58-6	1,1-Dichloropropene	1	U
87-68-3	Hexachlorobutadiene	1	U
98-82-8	Isopropylbenzene	1	U
99-87-6	4-Isopropyltoluene	1	U
91-20-3	Naphthalene	1	U
103-65-1	n-Propylbenzene	1	U
630-20-6	1,1,1,2-Tetrachlorethane	1	U
87-61-6	1,2,3-Trichlorobenzene	1	U
120-82-1	1,2,4-Trichlorobenzene	1	U
96-18-4	1,2,3-Trichloropropane	1	U
95-63-6	1,2,4-Trimethylbenzene	1	U
108-67-8	1,3,5-Trimethylbenzene	1	U
95-47-6	O-Xylene	1	U

BCL 001 1371

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK4

Lab Name: SWL-TULSA Contract: _____

Lab Code: SWOK Case No.: _____ SAS No.: 5219B SDG No.: -001

Matrix: (soil/water) WATER Lab Sample ID: VBLK4

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: E0405

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

Moisture: not dec. _____ Date Analyzed: 02/15/90

Column (pack/cap) CAP 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
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BCL 001 1372

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

*Round
G.W.*

EPA SAMPLE NO.

BCZ31

Lab Name: NYTEST ENV INC Contract: 68-W8-0049

Lab Code: NYTEST Case No.: 13521 SAS No.: _____ SDG No.: BCZ31

Matrix: (soil/water) WATER Lab Sample ID: 3736001

Sample wt/vol: 1000 (g/mL) ML Lab File ID: B9989

Level: (low/med) LOW Date Received: 02/01/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 02/05/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 02/16/90

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

BNH

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
39638-32-9	bis(2-Chloroisopropyl)Ether	10	U
106-44-5	4-Methylphenol	10	U
621-54-7	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
87-66-3	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

BCL 001 1373

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ31

Lab Name: NYTEST ENV INC Contract: 68-W8-0049

Lab Code: NYTEST Case No.: 13521 SAS No.: _____ SDG No.: BCZ31

Matrix: (soil/water) WATER Lab Sample ID: 3736001

Sample wt/vol: 1000 (g/mL) ML Lab File ID: B9989

Level: (low/med) LOW Date Received: 02/01/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 02/05/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 02/16/90

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	
51-26-5	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	
100-10-6	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

BCL 001 1374

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BCZ31

Lab Name: NYTEST ENV INC Contract: 68-W8-0049
Lab Code: NYTEST Case No.: 13521 SAS No.: _____ SDG No.: BCZ31
Matrix: (soil/water) WATER Lab Sample ID: 3736001
Sample wt/vol: 1000 (g/mL) ML Lab File ID: B9989
Level: (low/med) LOW Date Received: 02/01/90
& Moisture: not dec. _____ dec. _____ Date Extracted: 02/05/90
Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 02/16/90
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

BCL 001 1375

1b
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ32

Lab Name: NYTEST ENV INC Contract: 68-W8-0049

Lab Code: NYTEST Case No.: 13521 SAS No.: _____ SDG No.: BCZ31

Matrix: (soil/water) WATER Lab Sample ID: 3736002

Sample wt/vol: 500 (g/mL) ML Lab File ID: B9990

Level: (low/med) LOW Date Received: 02/01/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 02/05/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 02/16/90

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	20	U
111-44-4	bis(2-Chloroethyl)Ether	20	U
95-57-8	2-Chlorophenol	20	U
541-73-1	1,3-Dichlorobenzene	20	U
106-46-7	1,4-Dichlorobenzene	20	U
100-51-6	Benzyl Alcohol	20	U
95-50-1	1,2-Dichlorobenzene	20	U
95-48-7	2-Methylphenol	20	U
39638-32-9	bis(2-Chloroisopropyl)Ether	20	U
106-44-5	4-Methylphenol	20	U
621-64-7	N-Nitroso-Di-n-Propylamine	20	U
67-72-1	Hexachloroethane	20	U
98-95-3	Nitrobenzene	20	U
78-59-1	Isophorone	20	U
88-75-5	2-Nitrophenol	20	U
105-67-9	2,4-Dimethylphenol	20	U
65-85-0	Benzoic Acid	100	U
111-91-1	bis(2-Chloroethoxy)Methane	20	U
120-83-2	2,4-Dichlorophenol	20	U
120-82-1	1,2,4-Trichlorobenzene	20	U
91-20-3	Naphthalene	20	U
106-47-8	4-Chloroaniline	20	U
87-68-3	Hexachlorobutadiene	20	U
59-50-7	4-Chloro-3-Methylphenol	20	U
91-57-6	2-Methylnaphthalene	20	U
77-47-4	Hexachlorocyclopentadiene	20	U
88-06-2	2,4,6-Trichlorophenol	20	U
95-95-4	2,4,5-Trichlorophenol	100	U
91-58-7	2-Chloronaphthalene	20	U
88-74-4	2-Nitroaniline	100	U
131-11-3	Dimethyl Phthalate	20	U
208-96-8	Acenaphthylene	20	U
606-20-2	2,6-Dinitrotoluene	20	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ32

Lab Name: NYTEST ENV INC Contract: 68-W8-0049

Lab Code: NYTEST Case No.: 13521 SAS No.: _____ SDG No.: BCZ31

Matrix: (soil/water) WATER Lab Sample ID: 3736002

Sample wt/vol: 500 (g/mL) ML Lab File ID: B9990

Level: (low/med) LOW Date Received: 02/01/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 02/05/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 02/16/90

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	100	U
83-32-9	Acenaphthene	20	U
51-28-5	2,4-Dinitrophenol	100	U
100-02-7	4-Nitrophenol	100	U
132-64-9	Dibenzofuran	20	U
121-14-2	2,4-Dinitrotoluene	20	U
84-66-2	Diethylphthalate	20	U
7005-72-3	4-Chlorophenyl-phenylether	20	U
86-73-7	Fluorene	20	U
100-10-6	4-Nitroaniline	100	U
534-52-1	4,6-Dinitro-2-Methylphenol	100	U
86-30-6	N-Nitrosodiphenylamine (1)	20	U
101-55-3	4-Bromophenyl-phenylether	20	U
118-74-1	Hexachlorobenzene	20	U
67-86-5	Pentachlorophenol	100	U
85-01-8	Phenanthrene	20	U
120-12-7	Anthracene	20	U
84-74-2	Di-n-Butylphthalate	20	U
206-44-0	Fluoranthene	20	U
129-00-0	Pyrene	20	U
85-68-7	Butylbenzylphthalate	20	U
91-94-1	3,3'-Dichlorobenzidine	40	U
56-55-3	Benzo(a)Anthracene	20	U
218-01-9	Chrysene	20	U
117-81-7	bis(2-Ethylhexyl)Phthalate	20	U
117-84-0	Di-n-Octyl Phthalate	20	U
205-99-2	Benzo(b)Fluoranthene	20	U
207-08-9	Benzo(k)Fluoranthene	20	U
50-32-8	Benzo(a)Pyrene	20	U
193-39-5	Indeno(1,2,3-cd)Pyrene	20	U
53-70-3	Dibenz(a,h)Anthracene	20	U
191-24-2	Benzo(g,h,i)Perylene	20	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BCZ32

Lab Name: NYTEST ENV INC Contract: 68-WB-0049
Lab Code: NYTEST Case No.: 13521 SAS No.: _____ SDG No.: BCZ31
Matrix: (soil/water) WATER Lab Sample ID: 3736002
Sample wt/vol: 500 (g/mL) ML Lab File ID: B9990
Level: (low/med) LOW Date Received: 02/01/90
% Moisture: not dec. _____ dec. _____ Date Extracted: 02/05/90
Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 02/16/90
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

BCL
001
1378

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ33

Lab Name: NYTEST ENV INC Contract: 68-W8-0049
 Lab Code: NYTEST Case No.: 13521 SAS No.: _____ SDG No.: BCZ31
 Matrix: (soil/water) WATER Lab Sample ID: 3736005
 Sample wt/vol: 1000 (g/ml) ML Lab File ID: B0002
 Level: (low/med) LOW Date Received: 02/01/90
 % Moisture: not dec. _____ dec. _____ Date Extracted: 02/05/90
 Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 02/20/90
 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
106-95-2	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
39638-32-9	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

BCL 001 1379

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ33

Lab Name: NYTEST ENV INC Contract: 68-W8-0049
 Lab Code: NYTEST Case No.: 13521 SAS No.: _____ SDG No.: BCZ31
 Matrix: (soil/water) WATER Lab Sample ID: 3736005
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: B0002
 Level: (low/med) LOW Date Received: 02/01/90
 % Moisture: not dec. _____ dec. _____ Date Extracted: 02/05/90
 Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 02/20/90
 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
100-10-6	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
216-01-9	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

BCL 001 1380

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BC233

Lab Name: NYTEST ENV INC Contract: 68-W8-0049
Lab Code: NYTEST Case No.: 13521 SAS No.: _____ SDG No.: BC231
Matrix: (soil/water) WATER Lab Sample ID: 3736005
Sample wt/vol: 1000 (g/mL) ML Lab File ID: B0002
Level: (low/med) LOW Date Received: 02/01/90
% Moisture: not dec. _____ dec. _____ Date Extracted: 02/05/90
Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 02/20/90
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

BCL 001 1381

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ34

Lab Name: NYTEST ENV INC Contract: 68-WB-0049
 Lab Code: NYTEST Case No.: 13521 SAS No.: _____ SDG No.: BCZ31
 Matrix: (soil/water) WATER Lab Sample ID: 3736006
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: B0003
 Level: (low/med) LOW Date Received: 02/01/90
 % Moisture: not dec. _____ dec. _____ Date Extracted: 02/05/90
 Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 02/20/90
 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
39638-32-9	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.

BCZ34

Lab Name: NYTEST ENV INC Contract: 68-W8-0049
 Lab Code: NYTEST Case No.: 13521 SAS No.: _____ SDG No.: BCZ31
 Matrix: (soil/water) WATER Lab Sample ID: 3736006
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: B0003
 Level: (low/med) LOW Date Received: 02/01/90
 % Moisture: not dec. _____ dec. _____ Date Extracted: 02/05/90
 Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 02/20/90
 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
100-10-6	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	
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

BCL 001 1383

00054

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BCZ34

Lab Name: NYTEST ENV INC Contract: 68-W8-0049

Lab Code: NYTEST Case No.: 13521 SAS No.: _____ SDG No.: BCZ31

Matrix: (soil/water) WATER Lab Sample ID: 3736006

Sample wt/vol: 1000 (g/mL) ML Lab File ID: B0003

Level: (low/med) LOW Date Received: 02/01/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 02/05/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 02/20/90

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

BCL 001 1384

UJC 18 111- 11 17
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ35

Lab Name: NYTEST ENV INC Contract: 68-W8-0049
 Lab Code: NYTEST Case No.: 13521 SAS No.: _____ SDG No.: BCZ31
 Matrix: (soil/water) WATER Lab Sample ID: 3736007
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: B0004
 Level: (low/med) LOW Date Received: 02/01/90
 % Moisture: not dec. _____ dec. _____ Date Extracted: 02/05/90
 Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 02/20/90
 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
39638-32-9	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

BCL 001 1385

CM 4/19/90

00064

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

USE THIS DATA

BCZ35

Lab Name: NYTEST ENV INC Contract: 68-WB-0049

Lab Code: NYTEST Case No.: 13521 SAS No.: _____ SDG No.: BCZ31

Matrix: (soil/water) WATER Lab Sample ID: 3736007

Sample wt/vol: 1000 (g/mL) ML Lab File ID: B0004

Level: (low/med) LOW Date Received: 02/01/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 02/05/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 02/20/90

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

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

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
100-10-6	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

4/19/90 CM

BCL 001 1386

1F *USE THIS DATA*

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BC235

Lab Name: NYTEST ENV INC Contract: 68-WB-0049

Lab Code: NYTEST Case No.: 13521 SAS No.: _____ SDG No.: BC231

Matrix: (soil/water) WATER Lab Sample ID: 3736007

Sample wt/vol: 1000 (g/ml) ML Lab File ID: B0004

Level: (low/med) LOW Date Received: 02/01/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 02/05/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 02/20/90

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

CONCENTRATION UNITS:

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

BCL 001 1387

CM 4/19/90

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ38

Lab Name: NYTEST ENV INC Contract: 68-W8-0049
 Lab Code: NYTEST Case No.: 13521 SAS No.: _____ SDG No.: BCZ31
 Matrix: (soil/water) WATER Lab Sample ID: 3744001
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: B0005
 Level: (low/med) LOW Date Received: 02/02/90
 % Moisture: not dec. _____ dec. _____ Date Extracted: 02/05/90
 Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 02/20/90
 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
39638-32-9	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

BCL 001 1388

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ38

Lab Name: NYTEST ENV INC Contract: 68-W8-0049

Lab Code: NYTEST Case No.: 13521 SAS No.: _____ SDG No.: BCZ31

Matrix: (soil/water) WATER Lab Sample ID: 3744001

Sample wt/vol: 1000 (g/mL) ML Lab File ID: B0005

Level: (low/med) LOW Date Received: 02/02/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 02/05/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 02/20/90

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	
100-10-6	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

BCL 001 1389

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BCZ38

Lab Name: NYTEST ENV INC Contract: 68-W8-0049
Lab Code: NYTEST Case No.: 13521 SAS No.: _____ SDG No.: BCZ31
Matrix: (soil/water) WATER Lab Sample ID: 3744001
Sample wt/vol: 1000 (g/mL) ML Lab File ID: B0005
Level: (low/med) LOW Date Received: 02/02/90
% Moisture: not dec. _____ dec. _____ Date Extracted: 02/05/90
Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 02/20/90
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

USE THIS DATA

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

BCZ39

Lab Name: NYTEST ENV INC Contract: 68-W8-0049

Lab Code: NYTEST Case No.: 13521 SAS No.: _____ SDG No.: BCZ31

Matrix: (soil/water) WATER Lab Sample ID: 3744002

Sample wt/vol: 1000 (g/mL) ML Lab File ID: B0006

Level: (low/med) LOW Date Received: 02/02/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 02/05/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 02/20/90

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
39638-32-9	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

BCL 001 1391

CM 4/19/90

USE THE DATA

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ39

Lab Name: NYTEST ENV INC Contract: 68-W8-0049
Lab Code: NYTEST Case No.: 13521 SAS No.: SDG No.: BCZ31
Matrix: (soil/water) WATER Lab Sample ID: 3744002
Sample wt/vol: 1000 (g/mL) ML Lab File ID: B0006
Level: (low/med) LOW Date Received: 02/02/90
% Moisture: not dec. dec. Date Extracted: 02/05/90
Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 02/20/90
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

Table with 4 columns: CAS NO., COMPOUND, CONCENTRATION UNITS (UG/L), and Q. Lists various organic compounds like 3-Nitroaniline, Acenaphthene, 2,4-Dinitrophenol, etc., with their respective concentrations and quality indicators.

(1) - Cannot be separated from Diphenylamine

CM 4/19/90

BCL 001 1392

USE THIS FORM

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BC239

Lab Name: NYTEST ENV INC Contract: 68-W8-0049

Lab Code: NYTEST Case No.: 13521 SAS No.: _____ SDG No.: BC231

Matrix: (soil/water) WATER Lab Sample ID: 3744002

Sample wt/vol: 1000 (g/mL) ML Lab File ID: B0006

Level: (low/med) LOW Date Received: 02/02/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 02/05/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 02/20/90

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

em 4/19/90

BCL 001 1393

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BC240

Lab Name: NYTEST ENV INC Contract: 68-W8-0049

Lab Code: NYTEST Case No.: 13521 SAS No.: _____ SDG No.: BC231

Matrix: (soil/water) WATER Lab Sample ID: 3744003

Sample wt/vol: 1000 (g/mL) ML Lab File ID: B0013

Level: (low/med) LOW Date Received: 02/02/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 02/05/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 02/21/90

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
39638-32-9	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.

BC240

Lab Name: NYTEST ENV INC Contract: 68-W8-0049
 Lab Code: NYTEST Case No.: 13521 SAS No.: _____ SDG No.: BC231
 Matrix: (soil/water) WATER Lab Sample ID: 3744003
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: B0013
 Level: (low/med) LOW Date Received: 02/02/90
 % Moisture: not dec. _____ dec. _____ Date Extracted: 02/05/90
 Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 02/21/90
 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	
100-10-6	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

CM 4/19/90

BCL 001 1395

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BCZ40

Lab Name: NYTEST ENV INC Contract: 68-W8-0049
Lab Code: NYTEST Case No.: 13521 SAS No.: _____ SDG No.: BCZ31
Matrix: (soil/water) WATER Lab Sample ID: 3744003
Sample wt/vol: 1000 (g/mL) ML Lab File ID: B0013
Level: (low/med) LOW Date Received: 02/02/90
% Moisture: not dec. _____ dec. _____ Date Extracted: 02/05/90
Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 02/21/90
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

BCL 001 1396

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKBB

Lab Name: NYTEST ENV INC Contract: 68-W8-0049

Lab Code: NYTEST Case No.: 13521 SAS No.: _____ SDG No.: BCZ31

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

Sample wt/vol: 1000 (g/mL) ML Lab File ID: B9988

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

% Moisture: not dec. _____ dec. _____ Date Extracted: 02/05/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 02/16/90

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
39638-32-9	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

BCL 001 1397

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK88

Lab Name: NYTEST ENV INC Contract: 68-W8-0049

Lab Code: NYTEST Case No.: 13521 SAS No.: _____ SDG No.: BCZ31

Matrix: (soil/water) WATER Lab Sample ID: SBLK88

Sample wt/vol: 1000 (g/mL) ML Lab File ID: B9988

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

% Moisture: not dec. _____ dec. _____ Date Extracted: 02/05/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 02/16/90

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	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
100-10-6	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

BCL 001 1398

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBLK88

Lab Name: NYTEST ENV INC Contract: 68-W8-0049

Lab Code: NYTEST Case No.: 13521 SAS No.: _____ SDG No.: BCZ31

Matrix: (soil/water) WATER Lab Sample ID: SBLK88

Sample wt/vol: 1000 (g/mL) ML Lab File ID: B9988

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

% Moisture: not dec. _____ dec. _____ Date Extracted: 02/05/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 02/16/90

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

BCL 001 1399

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ32MS

Lab Name: NYTEST ENV INC Contract: 68-W8-0049
 Lab Code: NYTEST Case No.: 13521 SAS No.: _____ SDG No.: BCZ31
 Matrix: (soil/water) WATER Lab Sample ID: 3736003
 Sample wt/vol: 500 (g/mL) ML Lab File ID: B9991
 Level: (low/med) LOW Date Received: 02/01/90
 % Moisture: not dec. _____ dec. _____ Date Extracted: 02/05/90
 Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 02/16/90
 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	20	U
111-44-4	bis(2-Chloroethyl)Ether	20	U
95-57-8	2-Chlorophenol	20	U
541-73-1	1,3-Dichlorobenzene	20	U
106-46-7	1,4-Dichlorobenzene	20	U
100-51-6	Benzyl Alcohol	20	U
95-50-1	1,2-Dichlorobenzene	20	U
95-48-7	2-Methylphenol	20	U
39638-32-9	bis(2-Chloroisopropyl)Ether	20	U
106-44-5	4-Methylphenol	20	U
621-64-7	N-Nitroso-Di-n-Propylamine	20	U
67-72-1	Hexachloroethane	20	U
98-95-3	Nitrobenzene	20	U
78-59-1	Isophorone	20	U
88-75-5	2-Nitrophenol	20	U
105-67-9	2,4-Dimethylphenol	20	U
65-85-0	Benzoic Acid	100	U
111-91-1	bis(2-Chloroethoxy)Methane	20	U
120-83-2	2,4-Dichlorophenol	20	U
120-82-1	1,2,4-Trichlorobenzene	20	U
91-20-3	Naphthalene	20	U
106-47-8	4-Chloroaniline	20	U
87-68-3	Hexachlorobutadiene	20	U
59-50-7	4-Chloro-3-Methylphenol	20	U
91-57-6	2-Methylnaphthalene	20	U
77-47-4	Hexachlorocyclopentadiene	20	U
88-06-2	2,4,6-Trichlorophenol	20	U
95-95-4	2,4,5-Trichlorophenol	100	U
91-58-7	2-Chloronaphthalene	20	U
88-74-4	2-Nitroaniline	100	U
131-11-3	Dimethyl Phthalate	20	U
208-96-8	Acenaphthylene	20	U
606-20-2	2,6-Dinitrotoluene	20	U

BCL 001 1400

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ32MS

Lab Name: NYTEST ENV INC Contract: 68-WB-0049
 Lab Code: NYTEST Case No.: 13521 SAS No.: _____ SDG No.: BCZ31
 Matrix: (soil/water) WATER Lab Sample ID: 3736003
 Sample wt/vol: 500 (g/mL) ML Lab File ID: B9991
 Level: (low/med) LOW Date Received: 02/01/90
 % Moisture: not dec. _____ dec. _____ Date Extracted: 02/05/90
 Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 02/16/90
 GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
99-09-2	3-Nitroaniline	100	U
83-32-9	Acenaphthene	20	U
51-28-5	2,4-Dinitrophenol	100	U
100-02-7	4-Nitrophenol	100	U
132-64-9	Dibenzofuran	20	U
121-14-2	2,4-Dinitrotoluene	20	U
84-66-2	Diethylphthalate	20	U
7005-72-3	4-Chlorophenyl-phenylether	20	U
86-73-7	Fluorene	20	U
100-10-6	4-Nitroaniline	100	U
534-52-1	4,6-Dinitro-2-Methylphenol	100	U
86-30-6	N-Nitrosodiphenylamine (1)	20	U
101-55-3	4-Bromophenyl-phenylether	20	U
118-74-1	Hexachlorobenzene	20	U
87-86-5	Pentachlorophenol	100	U
85-01-8	Phenanthrene	20	U
120-12-7	Anthracene	20	U
84-74-2	Di-n-Butylphthalate	20	U
206-44-0	Fluoranthene	20	U
129-00-0	Pyrene	20	U
85-68-7	Butylbenzylphthalate	20	U
91-94-1	3,3'-Dichlorobenzidine	40	U
56-55-3	Benzo(a)Anthracene	20	U
218-01-9	Chrysene	20	U
117-81-7	bis(2-Ethylhexyl)Phthalate	20	U
117-84-0	Di-n-Octyl Phthalate	20	U
205-99-2	Benzo(b)Fluoranthene	20	U
207-08-9	Benzo(k)Fluoranthene	20	U
50-32-8	Benzo(a)Pyrene	20	U
193-39-5	Indeno(1,2,3-cd)Pyrene	20	U
53-70-3	Dibenz(a,h)Anthracene	20	U
191-24-2	Benzo(g,h,i)Perylene	20	U

(1) - Cannot be separated from Diphenylamine

BCL 001 1401

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ32MSD

Lab Name: NYTEST ENV INC Contract: 68-W8-0049
 Lab Code: NYTEST Case No.: 13521 SAS No.: _____ SDG No.: BCZ31
 Matrix: (soil/water) WATER Lab Sample ID: 3736004
 Sample wt/vol: 500 (g/ml) ML Lab File ID: B9992
 Level: (low/med) LOW Date Received: 02/01/90
 % Moisture: not dec. _____ dec. _____ Date Extracted: 02/05/90
 Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 02/16/90
 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	20	U
111-44-4	bis(2-Chloroethyl)Ether	20	U
95-57-8	2-Chlorophenol	20	U
541-73-1	1,3-Dichlorobenzene	20	U
106-46-7	1,4-Dichlorobenzene	20	U
100-51-6	Benzyl Alcohol	20	U
95-50-1	1,2-Dichlorobenzene	20	U
95-48-7	2-Methylphenol	20	U
39638-32-9	bis(2-Chloroisopropyl)Ether	20	U
106-44-5	4-Methylphenol	20	U
621-64-7	N-Nitroso-Di-n-Propylamine	20	U
67-72-1	Hexachloroethane	20	U
98-95-3	Nitrobenzene	20	U
78-59-1	Isophorone	20	U
88-75-5	2-Nitrophenol	20	U
105-67-9	2,4-Dimethylphenol	20	U
65-85-0	Benzoic Acid	100	U
111-91-1	bis(2-Chloroethoxy)Methane	20	U
120-83-2	2,4-Dichlorophenol	20	U
120-82-1	1,2,4-Trichlorobenzene	20	U
91-20-3	Naphthalene	20	U
106-47-8	4-Chloroaniline	20	U
87-68-3	Hexachlorobutadiene	20	U
59-50-7	4-Chloro-3-Methylphenol	20	U
91-57-6	2-Methylnaphthalene	20	U
77-47-4	Hexachlorocyclopentadiene	20	U
88-06-2	2,4,6-Trichlorophenol	20	U
95-95-4	2,4,5-Trichlorophenol	100	U
91-58-7	2-Chloronaphthalene	20	U
88-74-4	2-Nitroaniline	100	U
131-11-3	Dimethyl Phthalate	20	U
208-96-8	Acenaphthylene	20	U
606-20-2	2,6-Dinitrotoluene	20	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ32MSD

Lab Name: NYTEST ENV INC Contract: 68-WB-0049
 Lab Code: NYTEST Case No.: 13521 SAS No.: _____ SDG No.: BCZ31
 Matrix: (soil/water) WATER Lab Sample ID: 3736004
 Sample wt/vol: 500 (g/mL) ML Lab File ID: B9992
 Level: (low/med) LOW Date Received: 02/01/90
 % Moisture: not dec. _____ dec. _____ Date Extracted: 02/05/90
 Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 02/16/90
 GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
99-09-2	3-Nitroaniline	100	U
83-32-9	Acenaphthene	20	U
51-28-5	2,4-Dinitrophenol	100	U
100-02-7	4-Nitrophenol	100	U
132-64-9	Dibenzofuran	20	U
121-14-2	2,4-Dinitrotoluene	20	U
84-66-2	Diethylphthalate	20	U
7005-72-3	4-Chlorophenyl-phenylether	20	U
86-73-7	Fluorene	20	U
100-10-6	4-Nitroaniline	100	U
534-52-1	4,6-Dinitro-2-Methylphenol	100	U
86-30-6	N-Nitrosodiphenylamine (1)	20	U
101-55-3	4-Bromophenyl-phenylether	20	U
116-74-1	Hexachlorobenzene	20	U
87-86-5	Pentachlorophenol	100	U
85-01-8	Phenanthrene	20	U
120-12-7	Anthracene	20	U
84-74-2	Di-n-Butylphthalate	21	
206-44-0	Fluoranthene	20	U
129-00-0	Pyrene	20	U
85-68-7	Butylbenzylphthalate	20	U
91-94-1	3,3'-Dichlorobenzidine	40	U
56-55-3	Benzo(a)Anthracene	20	U
218-01-9	Chrysene	20	U
117-81-7	bis(2-Ethylhexyl)Phthalate	20	U
117-84-0	Di-n-Octyl Phthalate	20	U
205-99-2	Benzo(b)Fluoranthene	20	U
207-08-9	Benzo(k)Fluoranthene	20	U
50-32-8	Benzo(a)Pyrene	20	U
193-39-5	Indeno(1,2,3-cd)Pyrene	20	U
53-70-3	Dibenz(a,h)Anthracene	20	U
191-24-2	Benzo(g,h,i)Perylene	20	U

(1) - Cannot be separated from Diphenylamine

BCL 001 1403

10
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BC731

Lab Name: NYTEST ENV INC Contract: 68-W3-0049

Lab Code: NYTEST Case No.: 13521 SAS No.: _____ SOC No.: BC231

Matrix: (soil/water) WATER Lab Sample ID: 3736001

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

Level: (low/mod) LOW Date Received: 02/01/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 02/05/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 02/09/90

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>	0
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
1031-07-0	Endosulfan sulfate	0.10	J
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

BCL 001 1404

10
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ32

Lab Name: NYTEST ENV INC Contract: 68-W8-0049

Lab Code: NYTEST Case No.: 13521 SAS No.: _____ SDG No.: BCZ31

Matrix: (soil/water) WATER Lab Sample ID: 3736002

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

Level: (low/med) LOW Date Received: 02/01/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 02/05/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 02/09/90

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
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

BCL 001 1405

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ33

Lab Name: NYTEST ENV INC Contract: 68-W8-0049
 Lab Code: NYTEST Case No.: 13521 SAS No.: _____ SDG No.: ECZ31
 Matrix: (soil/water) WATER Lab Sample ID: 3736025
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____
 Level: (low/med) LOW Date Received: 02/01/90
 % Moisture: not dec. _____ dec. _____ Date Extracted: 02/05/90
 Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 02/09/90
 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
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
72-20-3	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-3	4,4'-DDD	0.10	U
1031-27-8	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

BCL 001 1406

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ34

Lab Name: NYTEST ENV INC Contract: 68-W8-0049

Lab Code: NYTECT Case No.: 13521 SAS No.: _____ SDG No.: BCZ31

Matrix: (soil/water) WATER Lab Sample ID: 3736006

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

Level: (low/med) LOW Date Received: 02/01/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 02/05/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 02/09/90

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	0
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
72-20-3	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'-DGT	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

BCL 001 1407

10
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ35

Lab Name: NYTEST ENV INC Contract: 68-WR-0049

Lab Code: NYTEST Case No.: 13521 SAS No.: _____ SDG No.: BCZ31

Matrix: (soil/water) WATER Lab Sample ID: 3736007

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

Level: (low/med) LOW Date Received: 02/01/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 02/05/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 02/09/90

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
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
959-98-6	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

BCL 001 1408

10
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BC238

Lab Name: NYTEST ENV INC Contract: 68-W3-0049

Lab Code: NYTEST Case No.: 13521 CAS No.: _____ SDG No.: BC231

Matrix: (soil/water) WATER Lab Sample ID: 3744001

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

Level: (low/med) LOW Date Received: 02/02/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 02/05/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 02/09/90

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
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

BCL 001 1409

10
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ39

Lab Name: NYTEST ENV INC Contract: 63-W8-0049

Lot Code: NYTEST Case No.: 13521 SAS No.: _____ SDC No.: BCZ31

Matrix: (soil/water) WATER Lab Sample ID: 3744002

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

Level: (low/med) LOW Date Received: 02/02/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 02/05/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 02/02/90

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>	<u>0</u>
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-6	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

BCL 001 1410

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ40

Lab Name: NYTEST ENV INC Contract: 68-W3-0049
 Lab Code: NYTEST Case No.: 13521 SAS No.: _____ SDG No.: BCZ31
 Matrix: (soil/water) WATER Lab Sample ID: 3744003
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____
 Level: (low/med) LOW Date Received: 02/02/90
 % Moisture: not dec. _____ dec. _____ Date Extracted: 02/05/90
 Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 02/03/90
 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

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
1031-07-3	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

BCL 001 1411

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PBLK01

Lab Name: NYTEST ENV INC Contract: 68-WS-0049

Lab Code: NYTEST Case No.: 13521 SAS No.: _____ SDG No.: EC231

Matrix: (soil/water) WATER Lab Sample ID: PBLK01

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

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

% Moisture: not dec. _____ dec. _____ Date Extracted: 02/05/99

Extraction: (SepF/Cont/Sonic) SEPF Date Analyzed: 02/09/99

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
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
1051-07-8	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

BCL 001 1412

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ32MS

Lab Name: NYTEST ENV INC Contract: 68-W8-0049
 Lab Code: NYTEST Case No.: 13521 SAS No.: _____ SDG No.: BCZ31
 Matrix: (soil/water) WATER Lab Sample ID: 3736003
 Sample wt/vol: 500 (g/mL) ML Lab File ID: _____
 Level: (low/med) LOW Date Received: 02/01/90
 % Moisture: not dec. _____ dec. _____ Date Extracted: 02/05/90
 Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 02/09/90
 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
319-84-6	alpha-BHC	0.10	U
319-85-7	beta-BHC	0.10	U
319-86-8	delta-BHC	0.10	U
58-89-9	gamma-BHC (Lindane)	0.10	U
76-44-8	Heptachlor	0.10	U
309-00-2	Aldrin	0.10	U
1024-57-3	Heptachlor epoxide	0.10	U
959-98-8	Endosulfan I	0.10	U
60-57-1	Dieldrin	0.20	U
72-55-9	4,4'-DDE	0.20	U
72-20-8	Endrin	0.20	U
33213-65-9	Endosulfan II	0.20	U
72-54-8	4,4'-DDD	0.20	U
1031-07-9	Endosulfan sulfate	0.20	U
50-29-3	4,4'-DDT	0.20	U
72-43-5	Methoxychlor	1.0	U
53494-70-5	Endrin ketone	0.20	U
5103-71-9	alpha-Chlordane	1.0	U
5103-74-2	gamma-Chlordane	1.0	U
8001-35-2	Toxaphene	2.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	2.0	U
11096-82-5	Aroclor-1260	2.0	U

BCL 001 1413

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ32MSD

Lab Name: NYTEST ENV INC Contract: 68-W8-0049

Lab Code: NYTEST Case No.: 13521 SAS No.: _____ SDG No.: BCZ31

Matrix: (soil/water) WATER Lab Sample ID: 3736004

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

Level: (low/med) LOW Date Received: 02/01/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 02/05/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 02/09/90

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
319-84-6	alpha-BHC	0.10	U
319-85-7	beta-BHC	0.10	U
319-86-8	delta-BHC	0.10	U
58-89-9	gamma-BHC (Lindane)	0.10	U
76-44-8	Heptachlor	0.10	U
309-00-2	Aldrin	0.10	U
1024-57-3	Heptachlor epoxide	0.10	U
959-98-8	Endosulfan I	0.10	U
60-57-1	Dieldrin	0.20	U
72-55-9	4,4'-DDE	0.20	U
72-20-8	Endrin	0.20	U
33213-65-9	Endosulfan II	0.20	U
72-54-8	4,4'-DDD	0.20	U
1031-07-3	Endosulfan sulfate	0.20	U
50-29-3	4,4'-DDT	0.20	U
72-43-5	Methoxychlor	1.0	U
53494-70-5	Endrin ketone	0.20	U
5103-71-9	alpha-Chlordane	1.0	U
5103-74-2	gamma-Chlordane	1.0	U
8001-35-2	Toxaphene	2.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	2.0	U
11096-82-5	Aroclor-1260	2.0	U

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1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBBE01

Lab Name: SKINNER & SHERMAN LABS.

Contract: 68-W8-0006

Lab Code: SKINER

Case No.: 13521

SAS No.:

SDG No.: MBBE01

Matrix (soil/water): WATER

Lab Sample ID: 02019-015

Level (low/med): LOW

Date Received: 02/01/90

Solids:

D.D

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

CAS No.	Analyte	Concentration	C	D	M
7429-90-5	Aluminum	3200.00			P
7440-36-0	Antimony	20.00	U		P
7440-38-2	Arsenic	2.10	B		F
7440-39-3	Barium	33.10	B		P
7440-41-7	Beryllium	1.50	B		P
7440-41-7	Cadmium	3.00	U		P
7440-70-2	Calcium	9610.00			P
7440-47-3	Chromium	37.90			P
7440-48-4	Cobalt	3.00	U		P
7440-50-8	Copper	45.60			P
7439-89-6	Iron	5830.00			P
7439-92-1	Lead	9.30		N J	F
7439-95-4	Magnesium	3030.00	B		P
7439-96-5	Manganese	145.00			P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	25.40	B		P
7440-09-7	Potassium	1140.00	B		P
7782-49-2	Selenium	3.00	U	NW	F
7440-22-4	Silver	7.60	B		P
7440-23-5	Sodium	16500.00			P
7440-28-0	Thallium	3.00	U	NW	F
7440-62-2	Vanadium	9.00	B		P
7440-66-6	Zinc	52.50			P
	Cyanide				NR

Color Before: BROWN

Clarity Before: CLOUDY

Texture:

Color After: BROWN

Clarity After: CLOUDY

Artifacts:

Comments:

BCL 001 1415

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1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBBE02

Lab Name: SKINNER & SHERMAN LABS.

Contract: 68-W8-0006

Lab Code: SKINER

Case No.: 13521

SAS No.:

SDG No.: MBBE01

Matrix (soil/water): WATER

Lab Sample ID: 02019-02S

Level (low/med): LOW

Date Received: 02/01/90

% 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	9650.00			P
7440-36-0	Antimony	20.00	U		P
7440-38-2	Arsenic	2.60	B		F
7440-39-3	Barium	56.30	B		P
7440-41-7	Beryllium	1.70	B		P
7440-41-7	Cadmium	3.00	U		P
7440-70-2	Calcium	35900.00			P
7440-47-3	Chromium	35.10			P
7440-48-4	Cobalt	10.00	B		P
7440-50-8	Copper	27.30			P
7439-89-6	Iron	8530.00			P
7439-92-1	Lead	43.90		N J	F
7439-95-4	Magnesium	5390.00			P
7439-96-5	Manganese	462.00			P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	30.90	B		P
7440-09-7	Potassium	9790.00			P
7782-49-2	Selenium	3.00	U	NW	F
7440-22-4	Silver	8.40	B		P
7440-23-5	Sodium	27900.00			P
7440-28-0	Thallium	3.00	U	NW	F
7440-62-2	Vanadium	13.60	B		P
7440-66-6	Zinc	135.00			P
	Cyanide				NR

Color Before: BROWN

Clarity Before: CLOUDY

Texture:

Color After: BROWN

Clarity After: CLOUDY

Artifacts:

Comments:

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1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBBE03

Lab Name: SKINNER & SHERMAN LABS.

Contract: 68-W8-D006

Lab Code: SKINER

Case No.: 13521

SAS No.:

SDG No.: MBBE01

Matrix (soil/water): WATER

Lab Sample ID: D2019-D3S

Level (low/med): LOW

Date Received: 02/01/90

Solids: D.D

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

CAS No.	Analyte	Concentration	C	Q	TM
7429-90-5	Aluminum	7590.00			P
7440-36-0	Antimony	20.00	U		P
7440-38-2	Arsenic	2.30	B		F
7440-39-3	Barium	34.20	B		P
7440-41-7	Beryllium	1.40	B		P
7440-41-7	Cadmium	3.00	U		P
7440-70-2	Calcium	8020.00			P
7440-67-3	Chromium	23.40			P
7440-48-4	Cobalt	5.20	B		P
7440-50-8	Copper	38.70			P
7439-89-6	Iron	5780.00			P
7439-92-1	Lead	21.60		N	F
7439-95-4	Magnesium	2160.00	B		P
7439-96-5	Manganese	154.00			P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	16.90	B		P
7440-09-7	Potassium	3020.00	B		P
7782-49-2	Selenium	12.30		NS	F
7440-22-4	Silver	3.00	U		P
7440-23-5	Sodium	7380.00			P
7440-28-0	Thallium	3.00	U	N	F
7440-62-2	Vanadium	11.10	B		P
7440-66-6	Zinc	104.00			P
	Cyanide				NR

Color Before: BROWN

Clarity Before: CLOUDY

Texture:

Color After: BROWN

Clarity After: CLOUDY

Artifacts:

Comments:

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1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBBE04

Lab Name: SKINNER & SHERMAN LABS.

Contract: 68-W8-0006

Lab Code: SKINER

Case No.: 13521

SAS No.:

SDG No.: MBBE01

Matrix (soil/water): WATER

Lab Sample ID: 02019-04S

Level (low/med): LOW

Date Received: 02/01/90

% Solids:

D.D

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	7020.00			P
7440-36-0	Antimony	20.00	U		P
7440-38-2	Arsenic	2.30	B		F
7440-39-3	Barium	32.90	B		P
7440-41-7	Beryllium	1.10	B		P
7440-41-7	Cadmium	3.00	U		P
7440-70-2	Calcium	7830.00			P
7440-47-3	Chromium	32.90			P
7440-48-4	Cobalt	3.60	B		P
7440-50-8	Copper	44.70			P
7439-89-6	Iron	5860.00			P
7439-92-1	Lead	33.40		N J	F
7439-95-4	Magnesium	2220.00	B		P
7439-96-5	Manganese	149.00			P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	22.80	B		P
7440-09-7	Potassium	2720.00	B		P
7782-49-2	Selenium	16.90		NS	F
7440-22-4	Silver	7.00	B		P
7440-23-5	Sodium	7290.00			P
7440-28-0	Thallium	3.00	U	N	F
7440-62-2	Vanadium	12.60	B		P
7440-66-6	Zinc	117.00			P
	Cyanide				NR

Color Before: BROWN

Clarity Before: CLOUDY

Texture:

Color After: BROWN

Clarity After: CLOUDY

Artifacts:

Comments:

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1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBBE05

Lab Name: SKINNER & SHERMAN LABS.

Contract: 68-W8-0006

Lab Code: SKINER

Case No.: 13521

SAS No.:

SDG No.: MBBE01

Matrix (soil/water): WATER

Lab Sample ID: D2019-055

Level (low/med): LOW

Date Received: 02/01/90

Solids: 0.0

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

CAS No.	Analyte	Concentration	C	D	M
7429-90-5	Aluminum	46800.00			P
7440-36-0	Antimony	20.00	U		P
7440-38-2	Arsenic	2.90	B	W	F
7440-39-3	Barium	232.00			P
7440-41-7	Beryllium	3.10	B		P
7440-41-7	Cadmium	3.00	U		P
7440-70-2	Calcium	18700.00			P
7440-47-3	Chromium	190.00			P
7440-48-4	Cobalt	21.80	B		P
7440-50-8	Copper	141.00			P
7439-89-6	Iron	69700.00			P
7439-92-1	Lead	46.00		N	J
7439-95-4	Magnesium	6250.00			P
7439-96-5	Manganese	2190.00			P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	58.90			P
7440-09-7	Potassium	7510.00			P
7782-49-2	Selenium	3.00	U	N	F
7440-22-4	Silver	4.50	B		P
7440-23-5	Sodium	11100.00			P
7440-28-0	Thallium	3.00	U	N	F
7440-62-2	Vanadium	87.50			P
7440-66-6	Zinc	146.00			P
	Cyanide				NR

← No evidence to support Arsenic detection
Manganese

Color Before: BROWN

Clarity Before: OPAQUE

Texture:

Color After: BROWN

Clarity After: OPAQUE

Artifacts:

Comments:

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EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

MBBE06

Name: SKINNER & SHERMAN LABS.

Contract: 68-W8-DD06

Lab Code: SKINER

Case No.: 13521

SAS No.:

SDG No.: MBBE01

Matrix (soil/water): WATER

Lab Sample ID: D2019-06S

Level (low/med): LOW

Date Received: 02/02/90

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	9090.00			P
7440-36-0	Antimony	20.00	U		P
7440-38-2	Arsenic	2.00	B		F
7440-39-3	Barium	48.80	B		P
7440-41-7	Beryllium	1.00	U		P
7440-41-7	Cadmium	3.00	U		P
7440-70-2	Calcium	4380.00	B		P
7440-47-3	Chromium	26.50			P
7440-48-4	Cobalt	5.60	B		P
7440-50-8	Copper	25.20			P
7439-89-6	Iron	12000.00			P
7439-92-1	Lead	17.70		N J	F
7439-95-4	Magnesium	2030.00	B		P
7439-96-5	Manganese	414.00			P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	14.30	B		P
7440-09-7	Potassium	1680.00	B		P
7782-49-2	Selenium	44.60		NS	F
7440-22-4	Silver	3.30	B		P
7440-23-5	Sodium	3020.00	B		P
7440-28-0	Thallium	3.00	U	N	F
7440-62-2	Vanadium	19.60	B		P
7440-66-6	Zinc	67.80			P
	Cyanide				NR

Color Before: BROWN

Clarity Before: CLOUDY

Texture:

Color After: BROWN

Clarity After: CLOUDY

Artifacts:

Comments:

BCL 001 1420

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1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBBE07

Lab Name: SKINNER & SHERMAN LABS.

Contract: 68-W8-0006

Lab Code: SKINER

Case No.: 13521

SAS No.:

SDG No.: MBBE01

Matrix (soil/water): WATER

Lab Sample ID: D2019-07S

Level (low/med): LOW

Date Received: 02/02/90

Solids:

0.0

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

CAS No.	Analyte	Concentration	C	D	M
7429-90-5	Aluminum	5990.00			P
7440-36-0	Antimony	20.00	U		P
7440-38-2	Arsenic	2.50	B		F
7440-39-3	Barium	44.60	B		P
7440-41-7	Beryllium	1.00	U		P
7440-41-7	Cadmium	3.00	U		P
7440-70-2	Calcium	7360.00			P
7440-47-3	Chromium	57.30			P
7440-48-4	Cobalt	3.00	U		P
7440-50-8	Copper	21.20	B		P
7439-89-6	Iron	8230.00			P
7439-92-1	Lead	9.50		N	F
7439-95-4	Magnesium	1940.00	B		P
7439-96-5	Manganese	366.00			P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	7.30	B		P
7440-09-7	Potassium	2050.00	B		P
7782-49-2	Selenium	3.00	U	N	F
7440-22-4	Silver	3.90	B		P
7440-23-5	Sodium	14400.00			P
7440-28-0	Thallium	3.00	U	N	F
7440-62-2	Vanadium	12.60	B		P
7440-66-6	Zinc	46.90			P
	Cyanide				NR

Color Before: BROWN

Clarity Before: CLOUDY

Texture:

Color After: BROWN

Clarity After: CLOUDY

Artifacts:

Comments:

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1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBBE08

Lab Name: SKINNER & SHERMAN LABS. Contract: 68-W8-0006

Lab Code: SKINER Case No.: 13521 SAS No.: SDG No.: MBBE01

Matrix (soil/water): WATER Lab Sample ID: 02019-085

Level (low/med): LOW Date Received: 02/02/90

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	D	M
7429-90-5	Aluminum	6880.00			P
7440-36-0	Antimony	20.00	U		P
7440-38-2	Arsenic	2.60	B		F
7440-39-3	Barium	36.40	B		P
7440-41-7	Beryllium	1.00	U		P
7440-41-7	Cadmium	3.00	U		P
7440-70-2	Calcium	7430.00			P
7440-47-3	Chromium	47.90			P
7440-48-4	Cobalt	3.00	U		P
7440-50-8	Copper	42.00			P
7439-89-6	Iron	9390.00			P
7439-92-1	Lead	21.40		N J	F
7439-95-4	Magnesium	2790.00	B		P
7439-96-5	Manganese	250.00			P
7439-97-6	Mercury	0.42			CV
7440-02-0	Nickel	14.00	B		P
7440-09-7	Potassium	1360.00	B		P
7782-49-2	Selenium	3.00	U	NW	F
7440-22-4	Silver	76.50			P
7440-23-5	Sodium	4350.00	B		P
7440-28-0	Thallium	3.00	U	N	F
7440-62-2	Vanadium	15.10	B		P
7440-66-6	Zinc	135.00			P
	Cyanide				NR

Color Before: BROWN Clarity Before: CLOUDY Texture:

Color After: BROWN Clarity After: CLOUDY Artifacts:

Comments:

000009

BCL 001 1423

1
VOA

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

July 13 1989
EPA SAMPLE NO.

BBS80

Lab Name: RESOURCE ANALYSTS, INC. Contract: 68-01-7408

Lab Code: RESAN Case No.: 13058 SAS No.: _____ SDG No.: BBS75

Matrix: (soil/water) SOIL Lab Sample ID: 19495-12

Sample wt/vol: 4.9 (g/mL) G Lab File ID: >C2635

Level: (low/med) LOW Date Received: 11/03/89

% Moisture: not dec.8 Date Analyzed: 11/10/89

Column: (pack/cap) PACK Dilution Factor: 1.0000

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	15.	BU
67-64-1	Acetone	14.	BU
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	Xylene (total)	6.	U

BCL 001 1424

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BBS80

Lab Name: RESOURCE ANALYSTS, INC. Contract: 68-01-7408

Lab Code: RESAN Case No.: 13058 SAS No.: _____ SDG No.: BBS75

Matrix: (soil/water) SOIL Lab Sample ID: 19495-12

Sample wt/vol: 4.9 (g/mL) G Lab File ID: >C2635

Level: (low/med) LOW Date Received: 11/03/89

% Moisture: not dec.8 Date Analyzed: 11/10/89

Column: (pack/cap) PACK Dilution Factor: 1.0000

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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BCL 001 1425

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BBS81

Lab Name: RESOURCE ANALYSTS, INC.

Contract: 68-01-7408

Lab Code: RESAN

Case No.: 13058

SAS No.: _____

SDG No.: BBS75.

Matrix: (soil/water) SOIL

Lab Sample ID: 19495-14

Sample wt/vol: 5.0 (g/mL) G.

Lab File ID: >C2626

Level: (low/med) LOW

Date Received: 11/03/89

% Moisture: not dec.10

Date Analyzed: 11/09/89

Column: (pack/cap) PACK

Dilution Factor: 1.0000

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11.	U
74-83-9	Bromomethane	11.	U
75-01-4	Vinyl Chloride	11.	U
75-00-3	Chloroethane	11.	U
75-09-2	Methylene Chloride	11.	B/L
67-64-1	Acetone	22.	B/L
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	Xylene (total)	6.	U

BCL 001 1426

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BBS81

Lab Name: RESOURCE ANALYSTS, INC.

Contract: 68-01-7408

Lab Code: RESAN

Case No.: 13058

SAS No.: _____

SDG No.: BBS75

Matrix: (soil/water) SOIL

Lab Sample ID: 19495-14

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

Lab File ID: >C2626

Level: (low/med) LOW

Date Received: 11/03/89

% Moisture: not dec.10

Date Analyzed: 11/09/89

Column: (pack/cap) PACK

Dilution Factor: 1.0000

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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BCL 001 1427

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BBS82

Lab Name: RESOURCE ANALYSTS, INC.

Contract: 68-01-7408

Lab Code: RESAN

Case No.: 13058

SAS No.: _____

SDG No.: BBS75

Matrix: (soil/water) SOIL

Lab Sample ID: 19495-16

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

Lab File ID: >C2637

Level: (low/med) LOW

Date Received: 11/03/89

% Moisture: not dec.7

Date Analyzed: 11/10/89

Column: (pack/cap) PACK

Dilution Factor: 1.0000

CONCENTRATION UNITS:

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	
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	17.	BU.
67-64-1	Acetone	32.	BU.
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	Xylene (total)	6.	U

BCL 001 1428

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BBS82

Lab Name: RESOURCE ANALYSTS, INC.

Contract: 68-01-7408

Lab Code: RESAN

Case No.: 13058

SAS No.: _____

SDG No.: BBS75

Matrix: (soil/water) SOIL

Lab Sample ID: 19495-16

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

Lab File ID: >C2637

Level: (low/med) LOW

Date Received: 11/03/89

% Moisture: not dec.7

Date Analyzed: 11/10/89

Column: (pack/cap) PACK

Dilution Factor: 1.0000

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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BCL 001 1429

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BBS83

Lab Name: RESOURCE ANALYSTS, INC.

Contract: 68-01-7408

Lab Code: RESAN

Case No.: 13058

SAS No.: _____

SDG No.: BBS75

Matrix: (soil/water) SOIL

Lab Sample ID: 19495-18

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

Lab File ID: >C2628

Level: (low/med) LOW

Date Received: 11/03/89

% Moisture: not dec.11

Date Analyzed: 11/09/89

Column: (pack/cap) PACK

Dilution Factor: 1.0000

CONCENTRATION UNITS: ^{10⁻¹²}
(ug/L or ug/Kg) UG/KG ^{10⁻¹⁰} Q

CAS NO.	COMPOUND	CONCENTRATION UNITS:	UG/KG	Q
74-87-3	Chloromethane	11:	U	
74-83-9	Bromomethane	11:	U	
75-01-4	Vinyl Chloride	11:	U	
75-00-3	Chloroethane	11:	U	
75-09-2	Methylene Chloride	11:	U	BUJ
67-64-1	Acetone	21:	U	BU
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	Xylene (total)	6:	U	

BCL 001 1430

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BBS83

Lab Name: RESOURCE ANALYSTS, INC.

Contract: 68-01-7408

Lab Code: RESAN

Case No.: 13058

SAS No.: _____

SDG No.: BBS75

Matrix: (soil/water) SOIL

Lab Sample ID: 19495-18

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

Lab File ID: >C2628

Level: (low/med) LOW

Date Received: 11/03/89

% Moisture: not dec.11

Date Analyzed: 11/09/89

Column: (pack/cap) PACK

Dilution Factor: 1.0000

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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BCL 001 1431

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK01

Lab Name: RESOURCE ANALYSTS, INC. Contract: 68-01-7408

Lab Code: RESAN Case No.: 13058 SAS No.: _____ SDG No.: BBS75

Matrix: (soil/water) WATER Lab Sample ID: VBLK01

Sample wt/vol: 5 (g/mL) ML Lab File ID: >E3685

Level: (low/med) LOW Date Received: 00/00/00

% Moisture: not dec. Date Analyzed: 11/09/89

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10.	IU
74-83-9	Bromomethane	10.	IU
75-01-4	Vinyl Chloride	10.	IU
75-00-3	Chloroethane	10.	IU
75-09-2	Methylene Chloride	12.	IU
67-64-1	Acetone	10.	IU
75-15-0	Carbon Disulfide	5.	IU
75-35-4	1,1-Dichloroethene	5.	IU
75-34-3	1,1-Dichloroethane	5.	IU
540-59-0	1,2-Dichloroethene (total)	5.	IU
67-66-3	Chloroform	5.	IU
107-06-2	1,2-Dichloroethane	5.	IU
78-93-3	2-Butanone	10.	IU
71-55-6	1,1,1-Trichloroethane	5.	IU
56-23-5	Carbon Tetrachloride	5.	IU
108-05-4	Vinyl Acetate	10.	IU
75-27-4	Bromodichloromethane	5.	IU
78-87-5	1,2-Dichloropropane	5.	IU
10061-01-5	cis-1,3-Dichloropropene	5.	IU
79-01-6	Trichloroethene	5.	IU
124-48-1	Dibromochloromethane	5.	IU
79-00-5	1,1,2-Trichloroethane	5.	IU
71-43-2	Benzene	5.	IU
10061-02-6	trans-1,3-Dichloropropene	5.	IU
75-25-2	Bromoform	5.	IU
108-10-1	4-Methyl-2-pentanone	10.	IU
591-78-6	2-Hexanone	10.	IU
127-18-4	Tetrachloroethene	5.	IU
79-34-5	1,1,2,2-Tetrachloroethane	5.	IU
108-88-3	Toluene	5.	IU
108-90-7	Chlorobenzene	5.	IU
100-41-4	Ethylbenzene	5.	IU
100-42-5	Styrene	5.	IU
1330-20-7	Xylene (total)	5.	IU

BCL 001 1432

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK01

Lab Name: RESOURCE ANALYSTS, INC. Contract: 68-01-7408

Lab Code: RESAN Case No.: 13058 SAS No.: _____ SDG No.: BBS75

Matrix: (soil/water) WATER Lab Sample ID: VBLK01

Sample wt/vol: 5 (g/mL) ML Lab File ID: >E3685

Level: (low/med) LOW Date Received: 00/00/00

% Moisture: not dec. Date Analyzed: 11/09/89

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

CONCENTRATION UNITS:

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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BCL 001 1433

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

VBLK02

Lab Name: RESOURCE ANALYSTS, INC. Contract: 68-01-7408

Lab Code: RESAN Case No.: 13058 SAS No.: _____ SDG No.: BBS75

Matrix: (soil/water) SOIL Lab Sample ID: BC110989A

Sample wt/vol: 5.0 (g/mL) G Lab File ID: >C2619

Level: (low/med) LOW Date Received: 00/00/00

% Moisture: not dec.0 Date Analyzed: 11/09/89

Column: (pack/cap) PACK Dilution Factor: 1.0000

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	9.	
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	Xylene (total)	5.	U

BCL 001 1434

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK02

Lab Name: RESOURCE ANALYSTS, INC.

Contract: 68-01-7408

Lab Code: RESAN

Case No.: 13058

SAS No.: _____

SDG No.: BBS75

Matrix: (soil/water) SOIL

Lab Sample ID: BC110989A

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

Lab File ID: >C2619

Level: (low/med) LOW

Date Received: 00/00/00

% Moisture: not dec.0

Date Analyzed: 11/09/89

Column: (pack/cap) PACK

Dilution Factor: 1.0000

CONCENTRATION UNITS:

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
3.				
4.				
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6.				
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BCL 001 1435

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK03

Lab Name: RESOURCE ANALYSTS, INC.

Contract: 68-01-7408

Lab Code: RESAN

Case No.: 13058

SAS No.: _____

SDG No.: BBS75

Matrix: (soil/water) SOIL

Lab Sample ID: BC111089A

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

Lab File ID: >C2634

Level: (low/med) LOW

Date Received: 00/00/00

% Moisture: not dec.0

Date Analyzed: 11/10/89

Column: (pack/cap) PACK

Dilution Factor: 1.0000

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	7.	
67-64-1	Acetone	8.	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	Xylene (total)	5.	U

BCL 001 1436

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

VBK03

Lab Name: RESOURCE ANALYSTS, INC.

Contract: 68-01-7408

Lab Code: RESAN

Case No.: 13058

SAS No.: _____

SDG No.: BBS75

Matrix: (soil/water) SOIL

Lab Sample ID: BC111089A

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

Lab File ID: >C2634

Level: (low/med) LOW

Date Received: 00/00/00

% Moisture: not dec.0

Date Analyzed: 11/10/89

Column: (pack/cap) PACK

Dilution Factor: 1.0000

CONCENTRATION UNITS:

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.76131	1,1,2-TRICHLORO-1,2,2-TRIFLU	8.14	5.00	J
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BCL 001 1437

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BBS79MS

Lab Name: RESOURCE ANALYSTS, INC.

Contract: 68-01-7408

Lab Code: RESAN

Case No.: 13058

SAS No.: _____

SDG No.: BBS75

Matrix: (soil/water) SOIL

Lab Sample ID: 19495-10MS

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

Lab File ID: >C2636

Level: (low/med) LOW

Date Received: 11/03/89

% Moisture: not dec.8

Date Analyzed: 11/10/89

Column: (pack/cap) PACK

Dilution Factor: 1.0000

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	16.	B
67-64-1	Acetone	37.	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	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	Xylene (total)	6.	U

BCL 001 1438

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

LPA SAMPLE NO.

BBS79MSD

Lab Name: RESOURCE ANALYSTS, INC. Contract: 68-01-7408

Lab Code: RESAN Case No.: 13058 SAS No.: _____ SDG No.: BBS75

Matrix: (soil/water) SOIL Lab Sample ID: 19495-10MSD

Sample wt/vol: 5.0 (g/mL) G Lab File ID: >C2638

Level: (low/med) LOW Date Received: 11/03/89

% Moisture: not dec.8 Date Analyzed: 11/10/89

Column: (pack/cap) PACK Dilution Factor: 1.0000

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	17.	B
67-64-1	Acetone	57.	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	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	Xylene (total)	6.	U

BCL 001 1A39

BNA

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BBS75

Lab Name: RESOURCE ANALYSTS, INC. Contract: 68-01-7408

Lab Code: RESAN Case No.: 13058 SAS No.: _____ SDG No.: BBS75

Matrix: (soil/water) WATER Lab Sample ID: 19495-1

Sample wt/vol: 1000 (g/mL) ML Lab File ID: >H0164

Level: (low/med) LOW Date Received: 11/03/89

% Moisture: not dec. dec. _____ Date Extracted: 11/07/89

Extraction: (Sepf/Cont/Sonc) SEPF Date Analyzed: 11/20/89

GPC Cleanup: (Y/N) N pH: 0 Dilution Factor: 1.00000

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L *11/10* *11/10* *Q*

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	
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
39638-32-9	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 ^J
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	Dimethylphthalate	10.	U
208-96-8	Acenaphthylene	10.	U
606-20-2	2,6-Dinitrotoluene	10.	U

BCL 001 1440

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BBS75

Lab Name: RESOURCE ANALYSTS, INC.

Contract: 68-01-7408

Lab Code: RESAN

Case No.: 13058

SAS No.: _____

SDG No.: BBS75

Matrix: (soil/water) WATER

Lab Sample ID: 19495-1

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

Lab File ID: >H0164

Level: (low/med) LOW

Date Received: 11/03/89

% Moisture: not dec. dec. _____

Date Extracted: 11/07/89

Extraction: (Sepf/Cont/Sonc) SEPF

Date Analyzed: 11/20/89

GPC Cleanup: (Y/N) N pH: 0

Dilution Factor: 1.00000

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L 4 Q

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-octylphthalate	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

BCL 001 1A41

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BBS75

Lab Name: RESOURCE ANALYSTS, INC. Contract: 68-01-7408

Lab Code: RESAN Case No.: 13058 SAS No.: _____ SDG No.: BBS75

Matrix: (soil/water) WATER Lab Sample ID: 19495-1

Sample wt/vol: 1000 (g/mL) ML Lab File ID: >H0164

Level: (low/med) LOW Date Received: 11/03/89

% Moisture: not dec. dec. _____ Date Extracted: 11/07/89

Extraction: (Sepf/Cont/Sonc) SEPF Date Analyzed: 11/20/89

GPC Cleanup: (Y/N) N pH: 0 Dilution Factor: 1.00000

CONCENTRATION UNITS:

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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BCL 001 1442

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BBS76

Lab Name: RESOURCE ANALYSTS, INC.

Contract: 68-01-7408

Lab Code: RESAN

Case No.: 13058

SAS No.: _____

SDG No.: BBS75

Matrix: (soil/water) WATER

Lab Sample ID: 19495-3

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

Lab File ID: >H0165

Level: (low/med) LOW

Date Received: 11/03/89

% Moisture: not dec. dec. _____

Date Extracted: 11/07/89

Extraction: (Sepf/Cont/Sonc) SEPF

Date Analyzed: 11/20/89

GPC Cleanup: (Y/N) N pH: 0

Dilution Factor: 1.00000

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
39638-32-9	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	Dimethylphthalate	10.	U
208-96-8	Acenaphthylene	10.	U
606-20-2	2,6-Dinitrotoluene	10.	U

BCL
001 1443

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BBS76

Lab Name: RESOURCE ANALYSTS, INC. Contract: 68-01-7408

Lab Code: RESAN Case No.: 13058 SAS No.: _____ SDG No.: BBS75

Matrix: (soil/water) WATER Lab Sample ID: 19495-3

Sample wt/vol: 1000 (g/mL) ML Lab File ID: >H0165

Level: (low/med) LOW Date Received: 11/03/89

% Moisture: not dec. dec. _____ Date Extracted: 11/07/89

Extraction: (Sepf/Cont/Sonc) SEPF Date Analyzed: 11/20/89

GPC Cleanup: (Y/N) N pH: 0 Dilution Factor: 1.00000

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

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	2:	JB
117-84-0	Di-n-octylphthalate	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.

BBS76

Lab Name: RESOURCE ANALYSTS, INC. Contract: 68-01-7408

Lab Code: RESAN Case No.: 13058 SAS No.: _____ SDG No.: BBS75

Matrix: (soil/water) WATER Lab Sample ID: 19495-3

Sample wt/vol: 1000 (g/mL) ML Lab File ID: >H0165

Level: (low/med) LOW Date Received: 11/03/89

% Moisture: not dec. dec. _____ Date Extracted: 11/07/89

Extraction: (Sepf/Cont/Sonc) SEPF Date Analyzed: 11/20/89

GPC Cleanup: (Y/N) N pH: 0 Dilution Factor: 1.00000

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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BCL 001 1445

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BBS77

Lab Name: RESOURCE ANALYSTS, INC.

Contract: 68-01-7408

Lab Code: RESAN

Case No.: 13058

SAS No.: _____

SDG No.: BES75

Matrix: (soil/water) SOIL

Lab Sample ID: 19495-5

Sample wt/vol: 30.1 (g/mL) G

Lab File ID: >H0194

Level: (low/med) LOW

Date Received: 11/03/89

% Moisture: not dec.17 dec. _____

Date Extracted: 11/11/89

Extraction: (Sepf/Cont/Sonc) SONC

Date Analyzed: 11/27/89

GPC Cleanup: (Y/N) N pH: 4.7

Dilution Factor: 2.00000

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

CAS NO.	COMPOUND	CONCENTRATION UNITS:	UG/KG	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	
39638-32-9	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	Dimethylphthalate	790.	U	
208-96-8	Acenaphthylene	790.	U	
606-20-2	2,6-Dinitrotoluene	790.	U	

BCL 001 1446

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BBS77

Lab Name: RESOURCE ANALYSTS, INC.

Contract: 68-01-7408

Lab Code: RESAN

Case No.: 13058

SAS No.: _____

SDG No.: BBS75

Matrix: (soil/water) SOIL

Lab Sample ID: 19495-5

Sample wt/vol: 30.1 (g/mL) G

Lab File ID: >H0194

Level: (low/med) LOW

Date Received: 11/03/89

% Moisture: not dec.17 dec. _____

Date Extracted: 11/11/89

Extraction: (Sepf/Cont/Sonc) SONC

Date Analyzed: 11/27/89

GPC Cleanup: (Y/N) N pH: 4.7

Dilution Factor: 2.00000

CAS NO. COMPOUND CONCENTRATION UNITS: (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	790.	U
120-12-7	Anthracene	790.	U
84-74-2	Di-n-butylphthalate	790.	U
206-44-0	Fluoranthene	790.	U
129-00-0	Pyrene	790.	U
85-68-7	Butylbenzylphthalate	790.	U
91-94-1	3,3'-Dichlorobenzidine	1600.	U
56-55-3	Benzo(a)anthracene	790.	U
218-01-9	Chrysene	790.	U
117-81-7	bis(2-Ethylhexyl)phthalate	790. 550	U
117-84-0	Di-n-octylphthalate	790.	U
205-99-2	Benzo(b)fluoranthene	790.	U
207-08-9	Benzo(k)fluoranthene	790.	U
50-32-8	Benzo(a)pyrene	790.	U
193-39-5	Indeno(1,2,3-cd)pyrene	790.	U
53-70-3	Dibenz(a,h)anthracene	790.	U
191-24-2	Benzo(g,h,i)perylene	790.	U

(1) - Cannot be separated from Diphenylamine

BCL 001 1447

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BBS77

Lab Name: RESOURCE ANALYSTS, INC.

Contract: 68-01-7408

Lab Code: RESAN

Case No.: 13058

SAS No.: _____

SDG No.: BBS75

Matrix: (soil/water) SOIL

Lab Sample ID: 19495-5

Sample wt/vol: 30.1 (g/mL) G

Lab File ID: >H0194

Level: (low/med) LOW

Date Received: 11/03/89

% Moisture: not dec.17 dec. _____

Date Extracted: 11/11/89

Extraction: (Sepf/Cont/Sonc) SONC

Date Analyzed: 11/27/89

GPC Cleanup: (Y/N) N pH: 4.7

Dilution Factor: 2.00000

CONCENTRATION UNITS: ug/L

Number TICs found: 17

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	5.75	400.00	J/N
2.106412	4-BROMOPHENOL	10.15	560.00	J
3.	UNKNOWN	12.96	390.00	J
4.140670	1-METHOXY-4-(2-PROPENYL)-BEN	13.68	620.00	J
5.	UNKNOWN	14.15	640.00	J
6.608333	2,6-DIBROMOPHENOL	15.19	1400.00	J
7.	UNKNOWN	19.79	240.00	J
8.	UNKNOWN	20.76	210.00	J
9.57103	HEXADECANOIC ACID	22.04	360.00	J
10.	UNKNOWN	25.29	230.00	J
11.	UNKNOWN	25.56	320.00	J
12.	UNKNOWN	25.84	280.00	J
13.	UNKNOWN HYDROCARBON	27.09	1400.00	J
14.112889	1-OCTADECENE	29.00	2000.00	J
15.	UNKNOWN HYDROCARBON	31.41	3200.00	J
16.	UNKNOWN	40.41	1600.00	J/V
17.	UNKNOWN	41.09	1400.00	J/N
18.				
19.				
20.				
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30.				

BCL 001 1448

1B
SEM-VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BBS78

Lab Name: RESOURCE ANALYSTS, INC.

Contract: 68-01-7408

Lab Code: RESAN

Case No.: 13058

SAS No.: _____

SDG No.: BBS75 ✓

Matrix: (soil/water) SOIL

Lab Sample ID: 19495-7

Sample wt/vol: 30.2 (g/mL) G

Lab File ID: >H0188

Level: (low/med) LOW

Date Received: 11/03/89

% Moisture: not dec.10 dec. _____

Date Extracted: 11/11/89

Extraction: (Sepf/Cont/Sonc) SONC

Date Analyzed: 11/27/89

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

Dilution Factor: 1.00000

CONCENTRATION UNITS:

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

108-95-2	Phenol	800	J
111-44-4	bis(2-Chloroethyl)Ether	730	U
95-57-8	2-Chlorophenol	730	U
541-73-1	1,3-Dichlorobenzene	730	U
106-46-7	1,4-Dichlorobenzene	730	U
100-51-6	Benzyl alcohol	730	U
95-50-1	1,2-Dichlorobenzene	730	U
95-48-7	2-Methylphenol	730	U
39638-32-9	bis(2-chloroisopropyl)ether	730	U
106-44-5	4-Methylphenol	730	U
621-64-7	N-Nitroso-Di-n-propylamine	730	U
67-72-1	Hexachloroethane	730	U
98-95-3	Nitrobenzene	730	U
78-59-1	Isophorone	730	U
88-75-5	2-Nitrophenol	730	U
105-67-9	2,4-Dimethylphenol	730	U
65-85-0	Benzoic acid	3500	U
111-91-1	bis(2-Chloroethoxy)methane	730	U
120-83-2	2,4-Dichlorophenol	730	U
120-82-1	1,2,4-Trichlorobenzene	730	U
91-20-3	Naphthalene	730	U
106-47-8	4-Chloroaniline	730	U
87-68-3	Hexachlorobutadiene	730	U
59-50-7	4-Chloro-3-methylphenol	730	U
91-57-6	2-Methylnaphthalene	730	U
77-47-4	Hexachlorocyclopentadiene	730	U
88-06-2	2,4,6-Trichlorophenol	730	U
95-95-4	2,4,5-Trichlorophenol	3500	U
91-58-7	2-Chloronaphthalene	730	U
88-74-4	2-Nitroaniline	3500	U
131-11-3	Dimethylphthalate	730	U
208-96-8	Acenaphthylene	730	U
606-20-2	2,6-Dinitrotoluene	730	U

BCL 001 1449

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BBS78

Lab Name: RESOURCE ANALYSTS, INC.

Contract: 68-01-7408

Lab Code: RESAN

Case No.: 13058

SAS No.: _____

SDG No.: BBS75

Matrix: (soil/water) SOIL

Lab Sample ID: 19495-7

Sample wt/vol: 30.2 (g/mL) G

Lab File ID: >H0188

Level: (low/med) LOW

Date Received: 11/03/89

% Moisture: not dec.10 dec. _____

Date Extracted: 11/11/89

Extraction: (Sepf/Cont/Sonc) SONC

Date Analyzed: 11/27/89

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

Dilution Factor: 1.00000

CONCENTRATION UNITS:

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

99-09-2	3-Nitroaniline	3500.	U	J
83-32-9	Acenaphthene	730.	U	
51-28-5	2,4-Dinitrophenol	3500.	U	
100-02-7	4-Nitrophenol	3500.	U	
132-64-9	Dibenzofuran	730.	U	
121-14-2	2,4-Dinitrotoluene	730.	U	
84-66-2	Diethylphthalate	730.	U	
7005-72-3	4-Chlorophenyl-phenylether	730.	U	
86-73-7	Fluorene	730.	U	
100-01-6	4-Nitroaniline	3500.	U	
534-52-1	4,6-Dinitro-2-methylphenol	3500.	U	
86-30-6	N-Nitrosodiphenylamine (1)	730.	U	
101-55-3	4-Bromophenyl-phenylether	730.	U	
118-74-1	Hexachlorobenzene	730.	U	
87-86-5	Pentachlorophenol	3500.	U	
85-01-8	Phenanthrene	730.	U	
120-12-7	Anthracene	730.	U	
84-74-2	Di-n-butylphthalate	730.	U	
206-44-0	Fluoranthene	730.	U	
129-00-0	Pyrene	730.	U	
85-68-7	Butylbenzylphthalate	730.	U	
91-94-1	3,3'-Dichlorobenzidine	1500.	U	
56-55-3	Benzo(a)anthracene	730.	U	
218-01-9	Chrysene	730.	U	
117-81-7	bis(2-Ethylhexyl)phthalate	730 440	U	J
117-84-0	Di-n-octylphthalate	730.	U	
205-99-2	Benzo(b)fluoranthene	730.	U	
207-08-9	Benzo(k)fluoranthene	730.	U	
50-32-8	Benzo(a)pyrene	730.	U	
193-39-5	Indeno(1,2,3-cd)pyrene	730.	U	
53-70-3	Dibenz(a,h)anthracene	730.	U	
191-24-2	Benzo(g,h,i)perylene	730.	U	J

(1) - Cannot be separated from Diphenylamine

BCL 001 1450

17
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BBS78

Lab Name: RESOURCE ANALYSTS, INC.

Contract: 68-01-7408

Lab Code: RESAN

Case No.: 13058

SAS No.: _____

SDG No.: BBS75

Matrix: (soil/water) SOIL

Lab Sample ID: 19495-7

Sample wt/vol: 30.2 (g/mL) G

Lab File ID: >H0188

Level: (low/med) LOW

Date Received: 11/03/89

% Moisture: not dec. 10 dec. _____

Date Extracted: 11/11/89

Extraction: (Sepf/Cont/Sonc) SONC

Date Analyzed: 11/27/89

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

Dilution Factor: 1.00000

CONCENTRATION UNITS:

Number TICs found: 9

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	5.76	313.00	JN
2. 143077	DODECANOIC ACID	17.50	5300.00	J
3.	UNKNOWN	25.26	361.00	J
4.	UNKNOWN	25.55	1300.00	J
5.	UNKNOWN	26.78	450.00	J
6. 112889	1-OCTADECANE	27.10	620.00	J
7. 19047859	DIOCTADECYL PHOSPHONIC ACID	29.01	740.00	J
8.	UNKNOWN	40.30	1500.00	JV
9.	UNKNOWN	40.95	2700.00	JN
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BCL 001 1451

1B
SEMI-VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BBS79

Lab Name: RESOURCE ANALYSTS, INC.

Contract: 68-01-7408

Lab Code: RESAN

Case No.: 13058

SAS No.: _____

SDG No.: BBS75

Matrix: (soil/water) SOIL

Lab Sample ID: 19495-9

Sample wt/vol: 30.2 (g/mL) G

Lab File ID: >H0229

Level: (low/med) LOW

Date Received: 11/03/89

* Moisture: not dec. 15 dec.

Date Extracted: 11/11/89

Extraction: (Sepf/Cont/Sonc) SONC

Date Analyzed: 11/29/89

GPC Cleanup: (Y/N) N

pH: 4.4

Dilution Factor: 2.00000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	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
39638-32-9	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	Dimethylphthalate	770.	U
208-96-8	Acenaphthylene	770.	U
606-20-2	2,6-Dinitrotoluene	770.	U

BCL 001 1452

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BBS79

Lab Name: RESOURCE ANALYSTS, INC.

Contract: 68-01-7408

Lab Code: RESAM

Case No.: 13058

SAS No.: _____

SDG No.: BBS75

Matrix: (soil/water) SOIL

Lab Sample ID: 19495-9

Sample wt/vol: 30.2 (g/mL) G

Lab File ID: >H0229

Level: (low/med) LOW

Date Received: 11/03/89

% Moisture: not dec. 15 dec.

Date Extracted: 11/11/89

Extraction: (Sepf/Cont/Sonc) SONC

Date Analyzed: 11/29/89

GPC Cleanup: (Y/N) N pH: 4.4

Dilution Factor: 2.00000

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	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	770.	U
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
56-55-2	Benzo(a)anthracene	770.	U
218-01-9	Chrysene	770.	U
117-81-7	bis(2-Ethylhexyl)phthalate	1300.	U
117-84-0	Di-n-octylphthalate	770.	U
205-99-2	Benzo(b)fluoranthene	770.	U
207-08-9	Benzo(k)fluoranthene	770.	U
50-32-3	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

BCL 001 1453

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BBS79

Lab Name: RESOURCE ANALYSTS, INC.

Contract: 68-01-7408

Lab Code: RESAN

Case No.: 13058

SAS No.: _____

SDG No.: BBS75

Matrix: (soil/water) SOIL

Lab Sample ID: 19495-9

Sample wt/vol: 30.2 (g/mL) G

Lab File ID: >H0229

Level: (low/med) LOW

Date Received: 11/03/89

% Moisture: not dec. 15 dec.

Date Extracted: 11/11/89

Extraction: (Sepf/Cont/Sonc) SONC

Date Analyzed: 11/29/89

GPC Cleanup: (Y/N) N

pH: 4.4

Dilution Factor: 2.00000

CONCENTRATION UNITS:

Number TICs found: 13

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.95567	2-BROMOPHENOL	10.10	✓ 560.00	J N
2.2613890	PHENYL-PROPANEDIOIC ACID	12.93	480.00	J
3.	UNKNOWN	14.09	670.00	J
4.608333	2,6-DIBROMOPHENOL	15.16	1400.00	J
5.	UNKNOWN	21.99	310.00	J
6.	UNKNOWN HYDROCARBON	25.33	460.00	J
7.	UNKNOWN	25.79	400.00	J
8.	UNKNOWN	27.10	750.00	J
9.	UNKNOWN	29.01	2400.00	J
10.	UNKNOWN	32.21	3100.00	J
11.	UNKNOWN	35.56	1200.00	J
12.	UNKNOWN	40.22	3100.00	J
13.	UNKNOWN	40.84	780.00	J N
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BCL 001 1454

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FPA SAMPLE NO. ✓

BBS80

Lab Name: RESOURCE ANALYSTS, INC.

Contract: 68-01-7408

Lab Code: RESAN Case No.: 13058

SAS No.: _____

SDG No.: BBS75

Matrix: (scil/water) SCIL

Lab Sample ID: 19495-11

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

Lab File ID: >H0228

Level: (low/med) LOW

Date Received: 11/03/89

% Moisture: not dec. 11 dec.

Date Extracted: 11/11/89

Extraction: (Sepf/Cont/Sonc) SONC

Date Analyzed: 11/29/89

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

Dilution Factor: 2.00000

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG - 4 Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG		
108-95-2	Phenol	720.	U	J
111-44-4	bis(2-Chloroethyl) Ether	720.	U	
95-57-8	2-Chlorophenol	720.	U	
541-73-1	1,3-Dichlorobenzene	720.	U	
106-46-7	1,4-Dichlorobenzene	720.	U	
100-51-6	Benzyl alcohol	720.	U	
95-50-1	1,2-Dichlorobenzene	720.	U	
95-48-7	2-Methylphenol	720.	U	
39638-32-9	bis(2-chloroisopropyl) ether	720.	U	
106-44-5	4-Methylphenol	720.	U	
621-64-7	N-Nitroso-Di-n-propylamine	720.	U	
67-72-1	Hexachloroethane	720.	U	
98-95-3	Nitrobenzene	720.	U	
78-59-1	Isophorone	720.	U	
88-75-5	2-Nitrophenol	720.	U	
105-67-9	2,4-Dimethylphenol	720.	U	
65-85-0	Benzoic acid	3500.	U	
111-91-1	bis(2-Chloroethoxy)methane	720.	U	
120-83-2	2,4-Dichlorophenol	720.	U	
120-82-1	1,2,4-Trichlorobenzene	720.	U	
91-20-3	Naphthalene	720.	U	
106-47-8	4-Chloroaniline	720.	U	
87-68-3	Hexachlorobutadiene	720.	U	
59-50-7	4-Chloro-3-methylphenol	720.	U	
91-57-6	2-Methylnaphthalene	720.	U	
77-47-4	Hexachlorocyclopentadiene	720.	U	
88-06-2	2,4,6-Trichlorophenol	720.	U	
95-95-4	2,4,5-Trichlorophenol	3500.	U	
91-58-7	2-Chloronaphthalene	720.	U	
88-74-4	2-Nitroaniline	3500.	U	
131-11-3	Dimethylphthalate	720.	U	
208-96-8	Acenaphthylene	720.	U	Y
606-20-2	2,6-Dinitrotoluene	720.	U	J

BCL 001 1455

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FPA SAMPLE NO.

BBS80

Lab Name: RESOURCE ANALYSTS, INC.

Contract: 68-01-7408

Lab Code: RESAN

Case No.: 13058

SAS No.: _____

SDG No.: BBS75

Matrix: (soil/water) SOIL

Lab Sample ID: 19495-11

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

Lab File ID: >H0228

Level: (low/med) LOW

Date Received: 11/03/89

% Moisture: not dec. 11 dec.

Date Extracted: 11/11/89

Extraction: (Sepf/Cont/Scnc) SONC

Date Analyzed: 11/29/89

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

Dilution Factor: 2,00000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG		
99-09-2	3-Nitroaniline	3500.	U	J
83-32-9	Acenaphthene	720.	U	
51-28-5	2,4-Dinitrophenol	3500.	U	
100-02-7	4-Nitrophenol	3500.	U	
132-64-9	Dibenzofuran	720.	U	
121-14-2	2,4-Dinitrotoluene	720.	U	
84-66-2	Diethylphthalate	720.	U	
7005-72-3	4-Chlorophenyl-phenylether	720.	U	
86-73-7	Fluorene	720.	U	
100-01-6	4-Nitroaniline	3500.	U	
534-52-1	4,6-Dinitro-2-methylphenol	3500.	U	
86-30-6	N-Nitrosodiphenylamine (1)	720.	U	
101-55-3	4-Bromophenyl-phenylether	720.	U	
118-74-1	Hexachlorobenzene	720.	U	
87-86-5	Pentachlorophenol	3500.	U	
85-01-8	Phenanthrene	720.	U	
120-12-7	Anthracene	720.	U	
84-74-2	Di-n-butylphthalate	720.	U	
206-44-0	Fluoranthene	720.	U	
129-00-0	Pyrene	720.	U	
85-68-7	Butylbenzylphthalate	720.	U	
91-94-1	3,3'-Dichlorobenzidine	1400.	U	
56-55-3	Benzo(a)anthracene	720.	U	
218-01-9	Chrysene	720.	U	
117-81-7	bis(2-Ethylhexyl)phthalate	950.	U	BU
117-84-0	Di-n-octylphthalate	720.	U	
205-99-2	Benzo(b)fluoranthene	720.	U	
207-08-9	Benzo(k)fluoranthene	720.	U	
50-32-8	Benzo(a)pyrene	720.	U	
193-39-5	Indeno(1,2,3-cd)pyrene	720.	U	
53-70-3	Dibenz(a,h)anthracene	720.	U	Y
191-24-2	Benzo(g,h,i)perylene	720.	U	J

(1) - Cannot be separated from Diphenylamine

BCL 001 1456

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BBS80

Lab Name: RESOURCE ANALYSTS, INC.

Contract: 68-01-7408

Lab Code: RESAN

Case No.: 13058

SAS No.: _____

SDG No.: BBS75

Matrix: (soil/water) SOIL

Lab Sample ID: 19495-11

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

Lab File ID: >H0228

Level: (low/med) LOW

Date Received: 11/03/89

% Moisture: not dec. 11 dec.

Date Extracted: 11/11/89

Extraction: (Sepf/Cont/Sonc) SONC

Date Analyzed: 11/29/89

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

Dilution Factor: 2.00000

CONCENTRATION UNITS:

Number TICs found: 6

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	14.07	650.00	J N
2. 57103	HEXADECANOIC ACID	21.99	170.00	J
3.	UNKNOWN HYDROCARBON	31.30	220.00	J
4.	UNKNOWN HYDROCARBON	34.64	290.00	J
5.	UNKNOWN	35.53	300.00	J
6.	UNKNOWN	40.14	740.00	J N
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BCL 001 1457

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BBS81

Lab Name: RESOURCE ANALYSTS, INC.

Contract: 68-01-7408

Lab Code: RESAN

Case No.: 13058

SAS No.: _____

SDG No.: BBS75

Matrix: (soil/water) SOIL

Lab Sample ID: 19495-13

Sample wt/vol: 30.4 (g/mL) G

Lab File ID: >H0190

Level: (low/med) LOW

Date Received: 11/03/89

% Moisture: not dec.10 dec. _____

Date Extracted: 11/11/89

Extraction: (Sepf/Cont/Sonc) SONC

Date Analyzed: 11/27/89

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

Dilution Factor: 2.00000

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

108-95-2	Phenol	720.	U
111-44-4	bis(2-Chloroethyl)Ether	720.	U
95-57-8	2-Chlorophenol	720.	U
541-73-1	1,3-Dichlorobenzene	720.	U
106-46-7	1,4-Dichlorobenzene	720.	U
100-51-6	Benzyl alcohol	720.	U
95-50-1	1,2-Dichlorobenzene	720.	U
95-48-7	2-Methylphenol	720.	U
39638-32-9	bis(2-chloroisopropyl)ether	720.	U
106-44-5	4-Methylphenol	720.	U
621-64-7	N-Nitroso-Di-n-propylamine	720.	U
67-72-1	Hexachloroethane	720.	U
98-95-3	Nitrobenzene	720.	U
78-59-1	Isophorone	720.	U
88-75-5	2-Nitrophenol	720.	U
105-67-9	2,4-Dimethylphenol	720.	U
65-85-0	Benzoic acid	3500.	U
111-91-1	bis(2-Chloroethoxy)methane	720.	U
120-83-2	2,4-Dichlorophenol	720.	U
120-82-1	1,2,4-Trichlorobenzene	720.	U
91-20-3	Naphthalene	720.	U
106-47-8	4-Chloroaniline	720.	U
87-68-3	Hexachlorobutadiene	720.	U
59-50-7	4-Chloro-3-methylphenol	720.	U
91-57-6	2-Methylnaphthalene	720.	U
77-47-4	Hexachlorocyclopentadiene	720.	U
88-06-2	2,4,6-Trichlorophenol	720.	U
95-95-4	2,4,5-Trichlorophenol	3500.	U
91-58-7	2-Chloronaphthalene	720.	U
88-74-4	2-Nitroaniline	3500.	U
131-11-3	Dimethylphthalate	720.	U
208-96-8	Acenaphthylene	720.	U
606-20-2	2,6-Dinitrotoluene	720.	U

BCL 001 1458

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BBS81

Lab Name: RESOURCE ANALYSTS, INC.

Contract: 68-01-7408

Lab Code: RESAN

Case No.: 13058

SAS No.: _____

SDG No.: BBS75

Matrix: (soil/water) SOIL

Lab Sample ID: 19495-13

Sample wt/vol: 30.4 (g/mL) G

Lab File ID: >H0190

Level: (low/med) LOW

Date Received: 11/03/89

% Moisture: not dec.10 dec. _____

Date Extracted: 11/11/89

Extraction: (Sepf/Cont/Sonc) SONC

Date Analyzed: 11/27/89

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

Dilution Factor: 2.00000

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG		
99-09-2	3-Nitroaniline	3500.	U	J
83-32-9	Acenaphthene	720.	U	
51-28-5	2,4-Dinitrophenol	3500.	U	
100-02-7	4-Nitrophenol	3500.	U	
132-64-9	Dibenzofuran	720.	U	
121-14-2	2,4-Dinitrotoluene	720.	U	
84-66-2	Diethylphthalate	720.	U	
7005-72-3	4-Chlorophenyl-phenylether	720.	U	
86-73-7	Fluorene	720.	U	
100-01-6	4-Nitroaniline	3500.	U	
534-52-1	4,6-Dinitro-2-methylphenol	3500.	U	
86-30-6	N-Nitrosodiphenylamine (1)	720.	U	
101-55-3	4-Bromophenyl-phenylether	720.	U	
118-74-1	Hexachlorobenzene	720.	U	
87-86-5	Pentachlorophenol	3500.	U	
85-01-8	Phenanthrene	720.	U	
120-12-7	Anthracene	720.	U	
84-74-2	Di-n-butylphthalate	720.	U	
206-44-0	Fluoranthene	720.	U	
129-00-0	Pyrene	720.	U	
85-68-7	Butylbenzylphthalate	470.	U	
91-94-1	3,3'-Dichlorobenzidine	1400.	U	
56-55-3	Benzo(a)anthracene	720.	U	
218-01-9	Chrysene	720.	U	
117-81-7	bis(2-Ethylhexyl)phthalate	1300.	U	BU.
117-84-0	Di-n-octylphthalate	720.	U	
205-99-2	Benzo(b)fluoranthene	720.	U	
207-08-9	Benzo(k)fluoranthene	720.	U	
50-32-8	Benzo(a)pyrene	720.	U	
193-39-5	Indeno(1,2,3-cd)pyrene	720.	U	
53-70-3	Dibenz(a,h)anthracene	720.	U	
191-24-2	Benzo(g,h,i)perylene	720.	U	JP

(1) - Cannot be separated from Diphenylamine

BCL 001 1459

1F
 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
 TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BBS81

Lab Name: RESOURCE ANALYSTS, INC.

Contract: 68-01-7408

Lab Code: RESAN

Case No.: 13058

SAS No.: _____

SDG No.: BBS75

Matrix: (soil/water) SOIL

Lab Sample ID: 19495-13

Sample wt/vol: 30.4 (g/mL) G

Lab File ID: >H0190

Level: (low/med) LOW

Date Received: 11/03/89

% Moisture: not dec.10 dec. _____

Date Extracted: 11/11/89

Extraction: (Sepf/Cont/Sonc) SONC

Date Analyzed: 11/27/89

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

Dilution Factor: 2.00000

CONCENTRATION UNITS:

Number TICs found: 9

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. _____	UNKNOWN	5.74	310.00	JN
2. _____	UNKNOWN	7.22	203.00	J
3. _____	UNKNOWN	14.21	3100.00	J
4. _____	UNKNOWN	18.46	350.00	J
5. _____	UNKNOWN	19.57	430.00	J
6. _____	UNKNOWN	22.02	180.00	J
7. 57289073	ISOHEPTADECANOL	27.08	260.00	J
8. _____	UNKNOWN	28.36	140.00	JV
9. _____	UNKNOWN	28.96	250.00	JN
10. _____				
11. _____				
12. _____				
13. _____				
14. _____				
15. _____				
16. _____				
17. _____				
18. _____				
19. _____				
20. _____				
21. _____				
22. _____				
23. _____				
24. _____				
25. _____				
26. _____				
27. _____				
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30. _____				

BCL 001 1460

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. ✓

BBS82

Lab Name: RESOURCE ANALYSTS, INC.

Contract: 68-01-7408

Lab Code: RESAN

Case No.: 13058

SAS No.: _____

SDG No.: BBS75

Matrix: (soil/water) SOIL

Lab Sample ID: 19495-15

Sample wt/vol: 30.4 (g/mL) G

Lab File ID: >H0191

Level: (low/med) LOW

Date Received: 11/03/89

% Moisture: not dec.11 dec. _____

Date Extracted: 11/11/89

Extraction: (Sepf/Cont/Sonc) SONC

Date Analyzed: 11/27/89

GPC Cleanup: (Y/N) N pH: 6.8

Dilution Factor: 2.00000

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	730.	U
111-44-4	bis(2-Chloroethyl) Ether	730.	U
95-57-8	2-Chlorophenol	730.	U
541-73-1	1,3-Dichlorobenzene	730.	U
106-46-7	1,4-Dichlorobenzene	730.	U
100-51-6	Benzyl alcohol	730.	U
95-50-1	1,2-Dichlorobenzene	730.	U
95-48-7	2-Methylphenol	730.	U
39638-32-9	bis(2-chloroisopropyl) ether	730.	U
106-44-5	4-Methylphenol	730.	U
621-64-7	N-Nitroso-Di-n-propylamine	730.	U
67-72-1	Hexachloroethane	730.	U
98-95-3	Nitrobenzene	730.	U
78-59-1	Isophorone	730.	U
88-75-5	2-Nitrophenol	730.	U
105-67-9	2,4-Dimethylphenol	730.	U
65-85-0	Benzoic acid	3500.	U
111-91-1	bis(2-Chloroethoxy)methane	730.	U
120-83-2	2,4-Dichlorophenol	730.	U
120-82-1	1,2,4-Trichlorobenzene	730.	U
91-20-3	Naphthalene	730.	U
106-47-8	4-Chloroaniline	730.	U
87-68-3	Hexachlorobutadiene	730.	U
59-50-7	4-Chloro-3-methylphenol	730.	U
91-57-6	2-Methylnaphthalene	730.	U
77-47-4	Hexachlorocyclopentadiene	730.	U
88-06-2	2,4,6-Trichlorophenol	730.	U
95-95-4	2,4,5-Trichlorophenol	3500.	U
91-58-7	2-Chloronaphthalene	730.	U
88-74-4	2-Nitroaniline	3500.	U
131-11-3	Dimethylphthalate	730.	U
208-96-8	Acenaphthylene	730.	U
606-20-2	2,6-Dinitrotoluene	730.	U

BCL 001 1461

✓
J

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BBS82

Lab Name: RESOURCE ANALYSTS, INC.

Contract: 68-01-7408

Lab Code: RESAN

Case No.: 13058

SAS No.: _____

SDG No.: BBS75

Matrix: (soil/water) SOIL

Lab Sample ID: 19495-15

Sample wt/vol: 30.4 (g/mL) G

Lab File ID: >H0191

Level: (low/med) LOW

Date Received: 11/03/89

* Moisture: not dec.11 dec. _____

Date Extracted: 11/11/89

Extraction: (Sepf/Cont/Sonc) SONC

Date Analyzed: 11/27/89

GPC Cleanup: (Y/N) N pH: 6.8

Dilution Factor: 2.00000

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	3500.	U
83-32-9	Acenaphthene	730.	U
51-28-5	2,4-Dinitrophenol	3500.	U
100-02-7	4-Nitrophenol	3500.	U
132-64-9	Dibenzofuran	730.	U
121-14-2	2,4-Dinitrotoluene	730.	U
84-66-2	Diethylphthalate	730.	U
7005-72-3	4-Chlorophenyl-phenylether	730.	U
86-73-7	Fluorene	730.	U
100-01-6	4-Nitroaniline	3500.	U
534-52-1	4,6-Dinitro-2-methylphenol	3500.	U
86-30-6	N-Nitrosodiphenylamine (1)	730.	U
101-55-3	4-Bromophenyl-phenylether	730.	U
118-74-1	Hexachlorobenzene	730.	U
87-86-5	Pentachlorophenol	3500.	U
85-01-8	Phenanthrene	730.	U
120-12-7	Anthracene	730.	U
84-74-2	Di-n-butylphthalate	730.	U
206-44-0	Fluoranthene	730.	U
129-00-0	Pyrene	730.	U
85-68-7	Butylbenzylphthalate	730.	U
91-94-1	3,3'-Dichlorobenzidine	1500.	U
56-55-3	Benzo(a)anthracene	730.	U
218-01-9	Chrysene	730.	U
117-81-7	bis(2-Ethylhexyl)phthalate	2200.	U
117-84-0	Di-n-octylphthalate	730.	U
205-99-2	Benzo(b)fluoranthene	730.	U
207-08-9	Benzo(k)fluoranthene	730.	U
50-32-8	Benzo(a)pyrene	730.	U
193-39-5	Indeno(1,2,3-cd)pyrene	730.	U
53-70-3	Dibenz(a,h)anthracene	730.	U
191-24-2	Benzo(g,h,i)perylene	730.	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BBS82

Lab Name: RESOURCE ANALYSTS, INC.

Contract: 68-01-7408

Lab Code: RESAN

Case No.: 13058

SAS No.: _____

SDG No.: BBS75

Matrix: (soil/water) SOIL

Lab Sample ID: 19495-15

Sample wt/vol: 30.4 (g/mL) G

Lab File ID: >H0191

Level: (low/med) LOW

Date Received: 11/03/89

% Moisture: not dec.11 dec. _____

Date Extracted: 11/11/89

Extraction: (Sepf/Cont/Sonc) SONC

Date Analyzed: 11/27/89

GPC Cleanup: (Y/N) N pH: 6.8

Dilution Factor: 2.00000

CONCENTRATION UNITS:

Number TICs found: 4

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	5.73	650.00	JN
2. 85449	PHTHALIC ANHYDRIDE	14.18	610.00	JN
3.	UNKNOWN HYDROCARBON	27.07	800.00	JN
4.	UNKNOWN HYDROCARBON	28.97	1200.00	JN
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BCL 001 1463

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BBS83

Lab Name: RESOURCE ANALYSTS, INC.

Contract: 68-01-7408

Lab Code: RESAN

Case No.: 13058

SAS No.: _____

SDG No.: BBS75

Matrix: (soil/water) SOIL

Lab Sample ID: 19495-17

Sample wt/vol: 30.3 (g/mL) G

Lab File ID: >HC189

Level: (low/med) LOW

Date Received: 11/03/89

% Moisture: not dec.11 dec. _____

Date Extracted: 11/11/89

Extraction: (Sepf/Cont/Sonc) SONC

Date Analyzed: 11/27/89

GPC Cleanup: (Y/N) Y pH: 6.5

Dilution Factor: 1.00000

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	U	Q
108-95-2	Phenol	730.	U	J
111-44-4	bis(2-Chloroethyl) Ether	730.	U	
95-57-8	2-Chlorophenol	730.	U	
541-73-1	1,3-Dichlorobenzene	730.	U	
106-46-7	1,4-Dichlorobenzene	730.	U	
100-51-6	Benzyl alcohol	730.	U	
95-50-1	1,2-Dichlorobenzene	730.	U	
95-48-7	2-Methylphenol	730.	U	
39638-32-9	bis(2-chloroisopropyl) ether	730.	U	
106-44-5	4-Methylphenol	730.	U	
621-64-7	N-Nitroso-Di-n-propylamine	730.	U	
67-72-1	Hexachloroethane	730.	U	
98-95-3	Nitrobenzene	730.	U	
78-59-1	Isophorone	730.	U	
88-75-5	2-Nitrophenol	730.	U	
105-67-9	2,4-Dimethylphenol	730.	U	
65-85-0	Benzoic acid	3600.	U	
111-91-1	bis(2-Chloroethoxy)methane	730.	U	
120-83-2	2,4-Dichlorophenol	730.	U	
120-82-1	1,2,4-Trichlorobenzene	730.	U	
91-20-3	Naphthalene	730.	U	
106-47-8	4-Chloroaniline	730.	U	
87-68-3	Hexachlorobutadiene	730.	U	
59-50-7	4-Chloro-3-methylphenol	730.	U	
91-57-6	2-Methylnaphthalene	730.	U	
77-47-4	Hexachlorocyclopentadiene	730.	U	
88-06-2	2,4,6-Trichlorophenol	730.	U	
95-95-4	2,4,5-Trichlorophenol	3600.	U	
91-58-7	2-Chloronaphthalene	730.	U	
88-74-4	2-Nitroaniline	3600.	U	
131-11-3	Dimethylphthalate	730.	U	
208-96-8	Acenaphthylene	730.	U	
606-20-2	2,6-Dinitrotoluene	730.	U	J

BCL 001 1464

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BBS83

Lab Name: RESOURCE ANALYSTS, INC.

Contract: 68-01-7408

Lab Code: RESAN

Case No.: 13058

SAS No.: _____

SDG No.: BBS75

Matrix: (soil/water) SOIL

Lab Sample ID: 19495-17

Sample wt/vol: 30.3 (g/mL) G

Lab File ID: >H0129

Level: (low/med) LOW

Date Received: 11/03/89

% Moisture: not dec.11 dec. _____

Date Extracted: 11/11/89

Extraction: (Sepf/Cont/Sonc) SONC

Date Analyzed: 11/27/89

GPC Cleanup: (Y/N) Y pH: 6.5

Dilution Factor: 1.00000

CONCENTRATION UNITS:

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

CAS NO.	COMPOUND	CONCENTRATION	UNIT
99-09-2	3-Nitroaniline	3600.	U
83-32-9	Acenaphthene	730.	U
51-28-5	2,4-Dinitrophenol	3600.	U
100-02-7	4-Nitrophenol	3600.	U
132-64-9	Dibenzofuran	730.	U
121-14-2	2,4-Dinitrotoluene	730.	U
84-66-2	Diethylphthalate	730.	U
7005-72-3	4-Chlorophenyl-phenylether	730.	U
86-73-7	Fluorene	730.	U
100-01-6	4-Nitroaniline	3600.	U
534-52-1	4,6-Dinitro-2-methylphenol	3600.	U
86-30-6	N-Nitrosodiphenylamine (1)	730.	U
101-55-3	4-Bromophenyl-phenylether	730.	U
118-74-1	Hexachlorobenzene	730.	U
87-86-5	Pentachlorophenol	3600.	U
85-01-8	Phenanthrene	730.	U
120-12-7	Anthracene	730.	U
84-74-2	Di-n-butylphthalate	730.	U
206-44-0	Fluoranthene	730.	U
129-00-0	Pyrene	730.	U
85-68-7	Butylbenzylphthalate	730.	U
91-94-1	3,3'-Dichlorobenzidine	1500.	U
56-55-3	Benzo(a)anthracene	730.	U
218-01-9	Chrysene	730.	U
117-81-7	bis(2-Ethylhexyl)phthalate	2800.	U
117-84-0	Di-n-octylphthalate	720.	U
205-99-2	Benzo(b)fluoranthene	730.	U
207-08-9	Benzo(k)fluoranthene	730.	U
50-32-8	Benzo(a)pyrene	730.	U
193-39-5	Indeno(1,2,3-cd)pyrene	730.	U
53-70-3	Dibenz(a,h)anthracene	730.	U
191-24-2	Benzo(g,h,i)perylene	730.	U

(1) - Cannot be separated from Diphenylamine

BCL 001 1465

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BBS83

Lab Name: RESOURCE ANALYSTS, INC.

Contract: 68-01-7408

Lab Code: RESAN

Case No.: 13058

SAS No.: _____

SDG No.: BBS75

Matrix: (soil/water) SOIL

Lab Sample ID: 19495-17

Sample wt/vol: 30.3 (g/mL) G

Lab File ID: >H0189

Level: (low/med) LOW

Date Received: 11/03/89

% Moisture: not dec.11 dec. _____

Date Extracted: 11/11/89

Extraction: (Sepf/Cont/Sonc) SONC

Date Analyzed: 11/27/89

GPC Cleanup: (Y/N) Y pH: 6.5

Dilution Factor: 1.00000

Number TICs found: 3

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	5.76	520.00	JAN
2. 74685339	3-EICOSENE	27.10	250.00	JAN
3. 74685293	9-EICOSENE	29.00	350.00	JAN
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BCL 001 1466

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK01

Lab Name: RESOURCE ANALYSTS, INC.

Contract: 68-01-7408

Lab Code: RESAN

Case No.: 13058

SAS No.: _____

SDG No.: BBS75

Matrix: (soil/water) WATER

Lab Sample ID: B-A635

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

Lab File ID: >H0163

Level: (low/med) LOW

Date Received: 00/00/00

% Moisture: not dec. dec. _____

Date Extracted: 11/07/89

Extraction: (Sepf/Cont/Sonc) SEPF

Date Analyzed: 11/20/89

GPC Cleanup: (Y/N) N pH: 0

Dilution Factor: 1.00000

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10.	U
111-44-4	bis(2-Chloroethyl) Ether	10.	U
95-57-8	2-Chlorophenol	10.	U
541-73-1	1,3-Dichlorobenzene	10.	U
106-46-7	1,4-Dichlorobenzene	10.	U
100-51-6	Benzyl alcohol	10.	U
95-50-1	1,2-Dichlorobenzene	10.	U
95-48-7	2-Methylphenol	10.	U
39638-32-9	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	Dimethylphthalate	10.	U
208-96-8	Acenaphthylene	10.	U
606-20-2	2,6-Dinitrotoluene	10.	U

BCL 001 1467

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK01

Lab Name: RESOURCE ANALYSTS, INC.

Contract: 68-01-7408

Lab Code: RESAN

Case No.: 13058

SAS No.: _____

SDG No.: BBS75

Matrix: (soil/water) WATER

Lab Sample ID: B-A635

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

Lab File ID: >H0163

Level: (low/med) LOW

Date Received: 00/00/00

% Moisture: not dec. dec. _____

Date Extracted: 11/07/89

Extraction: (Sepf/Cont/Sonc) SEPF

Date Analyzed: 11/20/89

GPC Cleanup: (Y/N) N pH: 0

Dilution Factor: 1.00000

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	3.	J
117-84-0	Di-n-octylphthalate	2.	J
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.

SBLK01

Lab Name: RESOURCE ANALYSTS, INC. Contract: 68-01-7408

Lab Code: RESAN Case No.: 13058 SAS No.: _____ SDG No.: BBS75

Matrix: (soil/water) WATER Lab Sample ID: B-A635

Sample wt/vol: 1000 (g/mL) ML Lab File ID: >H0163

Level: (low/med) LOW Date Received: 00/00/00

% Moisture: not dec. dec. _____ Date Extracted: 11/07/89

Extraction: (Sepf/Cont/Sonc) SEPF Date Analyzed: 11/20/89

GPC Cleanup: (Y/N) N pH: 0 Dilution Factor: 1.00000

CONCENTRATION UNITS:

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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BCL 001 1469

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK02

Lab Name: RESOURCE ANALYSTS, INC.

Contract: 68-01-7408

Lab Code: RESAN

Case No.: 13058

SAS No.: _____

SDG No.: BBS75

Matrix: (soil/water) SOIL

Lab Sample ID: B-M467

Sample wt/vol: 30.6 (g/mL) G

Lab File ID: >H0185

Level: (lcw/med) LOW

Date Received: 00/00/00

% Moisture: not dec. 0 dec.

Date Extracted: 11/11/89

Extraction: (Sepf/Cont/Sonc) SONC

Date Analyzed: 11/27/89

GPC Cleanup: (Y/N) Y pH: 0

Dilution Factor: 1.00000

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	650.	U
111-44-4	bis(2-Chloroethyl) Ether	650.	U
95-57-8	2-Chlorophenol	650.	U
541-73-1	1,3-Dichlorobenzene	650.	U
106-46-7	1,4-Dichlorobenzene	650.	U
100-51-6	Benzyl alcohol	650.	U
95-50-1	1,2-Dichlorobenzene	650.	U
95-48-7	2-Methylphenol	650.	U
39638-32-9	bis(2-chloroisopropyl) ether	650.	U
106-44-5	4-Methylphenol	650.	U
621-64-7	N-Nitroso-Di-n-propylamine	650.	U
67-72-1	Hexachloroethane	650.	U
98-95-3	Nitrobenzene	650.	U
78-59-1	Isophorone	650.	U
88-75-5	2-Nitrophenol	650.	U
105-67-9	2,4-Dimethylphenol	650.	U
65-85-0	Benzoic acid	3100.	U
111-91-1	bis(2-Chloroethoxy)methane	650.	U
120-83-2	2,4-Dichlorophenol	650.	U
120-82-1	1,2,4-Trichlorobenzene	650.	U
91-20-3	Naphthalene	650.	U
106-47-8	4-Chloroaniline	650.	U
87-68-3	Hexachlorobutadiene	650.	U
59-50-7	4-Chloro-3-methylphenol	650.	U
91-57-6	2-Methylnaphthalene	650.	U
77-47-4	Hexachlorocyclopentadiene	650.	U
88-06-2	2,4,6-Trichlorophenol	650.	U
95-95-4	2,4,5-Trichlorophenol	3100.	U
91-58-7	2-Chloronaphthalene	650.	U
88-74-4	2-Nitroaniline	3100.	U
131-11-3	Dimethylphthalate	650.	U
208-96-8	Acenaphthylene	650.	U
606-20-2	2,6-Dinitrotoluene	650.	U

BCL 001 1470

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK02

Lab Name: RESOURCE ANALYSTS, INC.

Contract: 68-01-7408

Lab Code: RESAN

Case No.: 13058

SAS No.: _____

SDG No.: BBS75

Matrix: (soil/water) SOIL

Lab Sample ID: B-M467

Sample wt/vol: 30.6 (g/mL) G

Lab File ID: >H0185

Level: (low/med) LOW

Date Received: 00/00/00

% Moisture: not dec. 0 dec.

Date Extracted: 11/11/89

Extraction: (Sepf/Cont/Sonc) SONC

Date Analyzed: 11/27/89

GPC Cleanup: (Y/N) Y pH: 0

Dilution Factor: 1.00000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	3100.	U
83-32-9	Acenaphthene	650.	U
51-28-5	2,4-Dinitrophenol	3100.	U
100-02-7	4-Nitrophenol	3100.	U
132-64-9	Dibenzofuran	650.	U
121-14-2	2,4-Dinitrotoluene	650.	U
84-66-2	Diethylphthalate	650.	U
7005-72-3	4-Chlorophenyl-phenylether	650.	U
86-73-7	Fluorene	650.	U
100-01-6	4-Nitroaniline	3100.	U
534-52-1	4,6-Dinitro-2-methylphenol	3100.	U
86-30-6	N-Nitrosodiphenylamine (1)	650.	U
101-55-3	4-Bromophenyl-phenylether	650.	U
118-74-1	Hexachlorobenzene	650.	U
87-86-5	Pentachlorophenol	3100.	U
85-01-8	Phenanthrene	650.	U
120-12-7	Anthracene	650.	U
84-74-2	Di-n-butylphthalate	650.	U
206-44-0	Fluoranthene	650.	U
129-00-0	Pyrene	650.	U
85-68-7	Butylbenzylphthalate	650.	U
91-94-1	3,3'-Dichlorobenzidine	1300.	U
56-55-3	Benzo(a)anthracene	650.	U
218-01-9	Chrysene	650.	U
117-81-7	bis(2-Ethylhexyl)phthalate	1200.	
117-84-0	Di-n-octylphthalate	650.	U
205-99-2	Benzo(b)fluoranthene	650.	U
207-08-9	Benzo(k)fluoranthene	650.	U
50-32-8	Benzo(a)pyrene	650.	U
193-39-5	Indeno(1,2,3-cd)pyrene	650.	U
53-70-3	Dibenz(a,h)anthracene	650.	U
191-24-2	Benzo(g,h,i)perylene	650.	U

(1) - Cannot be separated from Diphenylamine

1F
 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
 TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBLK02

Lab Name: RESOURCE ANALYSTS, INC.

Contract: 68-01-7408

Lab Code: RESAN

Case No.: 13058

SAS No.: _____

SDG No.: BBS75

Matrix: (soil/water) SOIL

Lab Sample ID: B-M467

Sample wt/vol: 30.6 (g/mL) G

Lab File ID: >H0185

Level: (low/med) LOW

Date Received: 00/00/00

% Moisture: not dec. 0 dec.

Date Extracted: 11/11/89

Extraction: (Sepf/Cont/Sonc) SONC

Date Analyzed: 11/27/89

GPC Cleanup: (Y/N) Y pH: 0

Dilution Factor: 1.00000

CONCENTRATION UNITS:

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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BCL 001 1472

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BBS79MS

Lab Name: RESOURCE ANALYSTS, INC.

Contract: 68-01-7408

Lab Code: RESAN

Case No.: 13058

SAS No.: _____

SDG No.: BBS75

Matrix: (soil/water) SOIL

Lab Sample ID: S-M480

Sample wt/vol: 30.4 (g/mL) G

Lab File ID: >H0186

Level: (low/med) LOW

Date Received: 11/03/89

% Moisture: not dec.15 dec. _____

Date Extracted: 11/11/89

Extraction: (Sepf/Cont/Sonc) SONC

Date Analyzed: 11/27/89

GPC Cleanup: (Y/N) Y pH: 4.4

Dilution Factor: 1.00000

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG 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
39638-32-9	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	Dimethylphthalate	770.	U
208-96-8	Acenaphthylene	770.	U
606-20-2	2,6-Dinitrotoluene	770.	U

BCL 001 1473

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BBS79MS

Lab Name: RESOURCE ANALYSTS, INC.

Contract: 68-01-7408

Lab Code: RESAN

Case No.: 13058

SAS No.: _____

SDG No.: BBS75

Matrix: (soil/water) SOIL

Lab Sample ID: S-M480

Sample wt/vol: 30.4 (g/mL) G

Lab File ID: >H0186

Level: (low/med) LOW

Date Received: 11/03/89

% Moisture: not dec.15 dec. _____

Date Extracted: 11/11/89

Extraction: (Sepf/Cont/Sonc) SONC

Date Analyzed: 11/27/89

GPC Cleanup: (Y/N) Y pH: 4.4

Dilution Factor: 1.00000

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

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	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	770.	U
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	510.	JB
117-84-0	Di-n-octylphthalate	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

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BBS79MSD

Lab Name: RESOURCE ANALYSTS, INC.

Contract: 68-01-7408

Lab Code: RESAN

Case No.: 13058

SAS No.: _____

SDG No.: BBS75

Matrix: (soil/water) SOIL

Lab Sample ID: S-M481

Sample wt/vol: 30.1 (g/mL) G

Lab File ID: >H0187

Level: (low/med) LOW

Date Received: 11/03/89

% Moisture: not dec.15 dec. _____

Date Extracted: 11/11/89

Extraction: (Sepf/Cont/Sonc) SONC

Date Analyzed: 11/27/89

GPC Cleanup: (Y/N) Y pH: 4.4

Dilution Factor: 1.00000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	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
39638-32-9-----	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	3800.	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	3800.	U
91-58-7-----	2-Chloronaphthalene	770.	U
88-74-4-----	2-Nitroaniline	3800.	U
131-11-3-----	Dimethylphthalate	770.	U
208-96-8-----	Acenaphthylene	770.	U
606-20-2-----	2,6-Dinitrotoluene	770.	U

BCL 001 1475

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BBS79MSD

Lab Name: RESOURCE ANALYSTS, INC.

Contract: 68-01-7408

Lab Code: RESAN

Case No.: 13058

SAS No.: _____

SDG No.: BBS75

Matrix: (soil/water) SOIL

Lab Sample ID: S-M481

Sample wt/vol: 30.1 (g/mL) G

Lab File ID: >H0187

Level: (low/med) LOW

Date Received: 11/03/89

% Moisture: not dec.15 dec. _____

Date Extracted: 11/11/89

Extraction: (Sepf/Cont/Sonc) SONC

Date Analyzed: 11/27/89

GPC Cleanup: (Y/N) Y pH: 4.4

Dilution Factor: 1.00000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2-----	3-Nitroaniline_____	3800.	U
83-32-9-----	Acenaphthene_____	770.	U
51-28-5-----	2,4-Dinitrophenol_____	3800.	U
100-02-7-----	4-Nitrophenol_____	3800.	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_____	3800.	U
534-52-1-----	4,6-Dinitro-2-methylphenol__	3800.	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_____	3800.	U
85-01-8-----	Phenanthrene_____	770.	U
120-12-7-----	Anthracene_____	770.	U
84-74-2-----	Di-n-butylphthalate_____	770.	U
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__	470.	JB
117-84-0-----	Di-n-octylphthalate_____	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

PE

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BBS75

Lab Name: RESOURCE ANALYSTS, INC. Contract: 68-01-7408

Lab Code: RESAN Case No.: 13058 SAS No.: SDG No.: BBS75

Matrix: (soil/water) WATER Lab Sample ID: 19495-1

Sample wt/vol: 1050 (g/mL)ML Lab File ID: G3L03986

Level: (low/med) LOW Date Received: 11/03/89

* Moisture: not dec. dec. Date Extracted: 11/07/89

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 11/09/89

GPC Cleanup: (Y/N) N pH: 0.0 Dilution Factor: 1.0000

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	ALPHA-BHC	.05	U
319-85-7	BETA-BHC	.05	U
319-86-8	DELTA-BHC	.05	U
58-89-9	GAMMA-BHC	.05	U
76-44-8	HEPTACHLOR	.05	U
309-00-2	ALDRIN	.05	U
1024-57-3	HEPTACHLOR EPOXIDE	.05	U
959-98-8	ENDOSULFAN I	.05	U
60-57-1	DIELDRIN	.1	U
72-55-9	4,4'-DDE	.1	U
72-20-8	ENDRIN	.1	U
33213-65-9	ENDOSULFAN II	.1	U
72-54-8	4,4'-DDD	.1	U
1031-07-8	ENDOSULFAN SULFATE	.1	U
50-29-3	4,4'-DDT	.1	U
72-43-5	METHOXYCHLOR	.5	U
53494-70-5	ENDRIN KETONE	.1	U
5103-71-9	ALPHA-CHLORDANE	.5	U
5103-74-2	GAMMA-CHLORDANE	.5	U
8001-35-2	TOXAPHENE	1.	U
12674-11-2	AROCLOR-1016	.5	U
11104-28-2	AROCLOR-1221	.5	U
11141-16-5	AROCLOR-1232	.5	U
53469-21-9	AROCLOR-1242	.5	U
12672-29-6	AROCLOR-1248	.5	U
11097-69-1	AROCLOR-1254	1.	U
11096-82-5	AROCLOR-1260	1.	U

BCL 001 1477

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BBS76

Lab Name: RESOURCE ANALYSTS, INC. Contract: 68-01-7408

Lab Code: RESAN Case No.: 13058 SAS No.: SDG No.: BBS75

Matrix: (soil/water) WATER Lab Sample ID: 19495-3

Sample wt/vol: 1100. (g/mL)ML Lab File ID: G3L03987

Level: (low/med) LOW Date Received: 11/03/89

% Moisture: not dec. dec. Date Extracted: 11/07/89

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 11/09/89

GPC Cleanup: (Y/N) N pH: 0.0 Dilution Factor: 1.0000

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	ALPHA-BHC	.05	IU
319-85-7	BETA-BHC	.05	IU
319-86-8	DELTA-BHC	.05	IU
58-89-9	GAMMA-BHC	.05	IU
76-44-8	HEPTACHLOR	.05	IU
309-00-2	ALDRIN	.05	IU
1024-57-3	HEPTACHLOR EPOXIDE	.05	IU
959-98-8	ENDOSULFAN I	.05	IU
60-57-1	DIELDRIN	.09	IU
72-55-9	4,4'-DDE	.09	IU
72-20-8	ENDRIN	.09	IU
33213-65-9	ENDOSULFAN II	.09	IU
72-54-8	4,4'-DDD	.09	IU
1031-07-8	ENDOSULFAN SULFATE	.09	IU
50-29-3	4,4'-DDT	.09	IU
72-43-5	METHOXYCHLOR	.5	IU
53494-70-5	ENDRIN KETONE	.09	IU
5103-71-9	ALPHA-CHLORDANE	.5	IU
5103-74-2	GAMMA-CHLORDANE	.5	IU
8001-35-2	TOXAPHENE	.9	IU
12674-11-2	AROCLOR-1016	.5	IU
11104-28-2	AROCLOR-1221	.5	IU
11141-16-5	AROCLOR-1232	.5	IU
53469-21-9	AROCLOR-1242	.5	IU
12672-29-6	AROCLOR-1248	.5	IU
11097-69-1	AROCLOR-1254	.9	IU
11096-82-5	AROCLOR-1260	.9	IU

BCL 001 1478

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BBS77

Lab Name: RESOURCE ANALYSTS, INC. Contract: 68-01-7408

Lab Code: RESAN Case No.: 13058 SAS No.: SDG No.: BBS75

Matrix: (soil/water) SOIL Lab Sample ID: 19495-5

Sample wt/vol: 30.1 (g/mL) G Lab File ID: G3L03978

Level: (low/med) LOW Date Received: 11/03/89

% Moisture: not dec. 17 dec. Date Extracted: 11/07/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/09/89

GPC Cleanup: (Y/N) Y pH: 4.7 Dilution Factor: 1.0000

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG
319-84-6	ALPHA-BHC	19. IU
319-85-7	BETA-BHC	19. IU
319-86-8	DELTA-BHC	19. IU
58-89-9	GAMMA-BHC	19. IU
76-44-8	HEPTACHLOR	19. IU
309-00-2	ALDRIN	19. IU
1024-57-3	HEPTACHLOR EPOXIDE	19. IU
959-98-8	ENDOSULFAN I	19. IU
60-57-1	DIELDRIN	38. IU
72-55-9	4,4'-DDE	38. IU
72-20-8	ENDRIN	38. IU
33213-65-9	ENDOSULFAN II	38. IU
72-54-8	4,4'-DDD	38. IU
1031-07-8	ENDOSULFAN SULFATE	38. IU
50-29-3	4,4'-DDT	38. IU
72-43-5	METHOXYCHLOR	190. IU
53494-70-5	ENDRIN KETONE	38. IU
5103-71-9	ALPHA-CHLORDANE	190. IU
5103-74-2	GAMMA-CHLORDANE	190. IU
8001-35-2	TOXAPHENE	380. IU
12674-11-2	AROCLOR-1016	190. IU
11104-28-2	AROCLOR-1221	190. IU
11141-16-5	AROCLOR-1232	190. IU
53469-21-9	AROCLOR-1242	190. IU
12672-29-6	AROCLOR-1248	190. IU
11097-69-1	AROCLOR-1254	380. IU
11096-82-5	AROCLOR-1260	380. IU

BCL 001 1479

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BBS78

Lab Name: RESOURCE ANALYSTS, INC. Contract: 68-01-7408

Lab Code: RESAN Case No.: 13058 SAS No.: SDG No.: BBS75

Matrix: (soil/water) SOIL Lab Sample ID: 19495-7

Sample wt/vol: 30.3 (g/mL) G Lab File ID: G3L03979

Level: (low/med) LOW Date Received: 11/03/89

% Moisture: not dec. 10 dec. Date Extracted: 11/07/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/09/89

GPC Cleanup: (Y/N) Y pH: 6.2 Dilution Factor: 1.0000

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	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

BCL 001 1480

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BBS79

Lab Name: RESOURCE ANALYSTS, INC. Contract: 68-01-7408

Lab Code: RESAN Case No.: 13058 SAS No.: SDG No.: BBS75

Matrix: (soil/water) SOIL Lab Sample ID: 19495-9

Sample wt/vol: 30.1 (g/mL) G Lab File ID: G3L03980

Level: (low/med) LOW Date Received: 11/03/89

% Moisture: not dec. 15 dec. Date Extracted: 11/07/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/09/89

GPC Cleanup: (Y/N) Y pH: 4.4 Dilution Factor: 1.0000

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

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	19.	U
76-44-8	HEPTACHLOR	19.	U
309-00-2	ALDRIN	19.	U
1024-57-3	HEPTACHLOR EPOXIDE	19.	U
959-98-8	ENDOSULFAN I	19.	U
60-57-1	DIELDRIN	38.	U
72-55-9	4,4'-DDE	38.	U
72-20-8	ENDRIN	38.	U
33213-65-9	ENDOSULFAN II	38.	U
72-54-8	4,4'-DDD	38.	U
1031-07-8	ENDOSULFAN SULFATE	38.	U
50-29-3	4,4'-DDT	38.	U
72-43-5	METHOXYCHLOR	190.	U
53494-70-5	ENDRIN KETONE	38.	U
5103-71-9	ALPHA-CHLORDANE	190.	U
5103-74-2	GAMMA-CHLORDANE	190.	U
8001-35-2	TOXAPHENE	380.	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	380.	U
11096-82-5	AROCLOR-1260	380.	U

BCL 001 1481

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BBS80

Lab Name: RESOURCE ANALYSTS, INC. Contract: 68-01-7408

Lab Code: RESAN Case No.: 13058 SAS No.: SDG No.: BBS75

Matrix: (soil/water) SOIL Lab Sample ID: 19495-11

Sample wt/vol: 30.6 (g/mL) G Lab File ID: G3L03981

Level: (low/med) LOW Date Received: 11/03/89

% Moisture: not dec. 11 dec. Date Extracted: 11/07/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/09/89

GPC Cleanup: (Y/N) Y pH: 7.0 Dilution Factor: 1.0000

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

CAS NO.

COMPOUND

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	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

BCL 001 1482

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BBS81

Lab Name: RESOURCE ANALYSTS, INC. Contract: 68-01-7408

Lab Code: RESAN Case No.: 13058 SAS No.: SDG No.: BBS75

Matrix: (soil/water) SOIL Lab Sample ID: 19495-13

Sample wt/vol: 30.4 (g/mL) G Lab File ID: G3L03989

Level: (low/med) LOW Date Received: 11/03/89

% Moisture: not dec. 10 dec. Date Extracted: 11/07/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/09/89

GPC Cleanup: (Y/N) Y pH: 6.9 Dilution Factor: 1.0000

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

CAS NO.

COMPOUND

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	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

BCL 001 1483

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BBS82

Lab Name: RESOURCE ANALYSTS, INC. Contract: 68-01-7408

Lab Code: RESAN Case No.: 13058 SAS No.: SDG No.: BBS75

Matrix: (soil/water) SOIL Lab Sample ID: 19495-15

Sample wt/vol: 30.4 (g/mL) G Lab File ID: G3L03990

Level: (low/med) LOW Date Received: 11/03/89

% Moisture: not dec. 11 dec. Date Extracted: 11/07/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/09/89

GPC Cleanup: (Y/N) Y pH: 6.8 Dilution Factor: 1.0000

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

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

BCL 001 1484

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BBS83

Lab Name: RESOURCE ANALYSTS, INC. Contract: 68-01-7408

Lab Code: RESAN Case No.: 13058 SAS No.: SDG No.: BBS75

Matrix: (soil/water) SOIL Lab Sample ID: 19495-17

Sample wt/vol: 30.3 (g/mL) G Lab File ID: G3L03991

Level: (low/med) LOW Date Received: 11/03/89

% Moisture: not dec. 11 dec. Date Extracted: 11/07/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/09/89

GPC Cleanup: (Y/N) Y pH: 6.5 Dilution Factor: 1.0000

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

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	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

BCL 001 1485

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PBLKS1

Lab Name: RESOURCE ANALYSTS, INC. Contract: 68-01-7408

Lab Code: RESAN Case No.: 13058 SAS No.: SDG No.: BBS75

Matrix: (soil/water) SOIL Lab Sample ID: B-M465

Sample wt/vol: 30.3 (g/mL) G Lab File ID: G3L03977

Level: (low/med) LOW Date Received: 00/00/00

Moisture: not dec. 0 dec. Date Extracted: 11/07/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/09/89

GPC Cleanup: (Y/N) Y pH: 0.0 Dilution Factor: 1.0000

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	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

BCL 001 1486

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PBLKW1

Lab Name: RESOURCE ANALYSTS, INC. Contract: 68-01-7408

Lab Code: RESAN Case No.: 13058 SAS No.: SDG No.: BBS75

Matrix: (soil/water) WATER Lab Sample ID: B-P867

Sample wt/vol: 1000. (g/mL)ML Lab File ID: G3L03985

Level: (low/med) LOW Date Received: 00/00/00

% Moisture: not dec. dec. Date Extracted: 11/07/89

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 11/09/89

GPC Cleanup: (Y/N) N pH: 0.0 Dilution Factor: 1.0000

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	ALPHA-BHC	.05	IU
319-85-7	BETA-BHC	.05	IU
319-86-8	DELTA-BHC	.05	IU
58-89-9	GAMMA-BHC	.05	IU
76-44-8	HEPTACHLOR	.05	IU
309-00-2	ALDRIN	.05	IU
1024-57-3	HEPTACHLOR EPOXIDE	.05	IU
959-98-8	ENDOSULFAN I	.05	IU
60-57-1	DIELDRIN	.1	IU
72-55-9	4,4'-DDE	.1	IU
72-20-8	ENDRIN	.1	IU
33213-65-9	ENDOSULFAN II	.1	IU
72-54-8	4,4'-DDD	.1	IU
1031-07-8	ENDOSULFAN SULFATE	.1	IU
50-29-3	4,4'-DDT	.1	IU
72-43-5	METHOXYCHLOR	.5	IU
53494-70-5	ENDRIN KETONE	.1	IU
5103-71-9	ALPHA-CHLORDANE	.5	IU
5103-74-2	GAMMA-CHLORDANE	.5	IU
8001-35-2	TOXAPHENE	1.	IU
12674-11-2	AROCLOR-1016	.5	IU
11104-28-2	AROCLOR-1221	.5	IU
11141-16-5	AROCLOR-1232	.5	IU
53469-21-9	AROCLOR-1242	.5	IU
12672-29-6	AROCLOR-1248	.5	IU
11097-69-1	AROCLOR-1254	1.	IU
11096-82-5	AROCLOR-1260	1.	IU

BCL 001 1487

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BBS79MS

Lab Name: RESOURCE ANALYSTS, INC. Contract: 68-01-7408

Lab Code: RESAN Case No.: 13058 SAS No.: SDG No.: BBS75

Matrix: (soil/water) SOIL Lab Sample ID: S-M476

Sample wt/vol: 30.2 (g/mL) G Lab File ID: G3L03983

Level: (low/med) LOW Date Received: 11/03/89

% Moisture: not dec. 15 dec. Date Extracted: 11/07/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/09/89

GPC Cleanup: (Y/N) Y pH: 4.4 Dilution Factor: 1.0000

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

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	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

BCL 001 1488

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BBS79MSD

Lab Name: RESOURCE ANALYSTS, INC. Contract: 68-01-7408

Lab Code: RESAN Case No.: 13058 SAS No.: SDG No.: BBS75

Matrix: (soil/water) SOIL Lab Sample ID: S-M477

Sample wt/vol: 30.2 (g/mL) G Lab File ID: G3L03984

Level: (low/med) LOW Date Received: 11/03/89

% Moisture: not dec. 15 dec. Date Extracted: 11/07/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/09/89

GPC Cleanup: (Y/N) Y pH: 4.4 Dilution Factor: 1.0000

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

CAS NO.	COMPOUND	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	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

BCL 001 1489

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.
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MBAT16

Lab Name: ASSOCIATED LABORATORIES Contract: 68-D9-0079

Lab Code: ALI Case No.: 13058 SAS No.: SDG No.: MBAT16

Matrix (soil/water): WATER Lab Sample ID: MBAT16

Level (low/med): LOW Date Received: 11/03/89

00012

% 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	35.0	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	2.5	B		F
7440-39-3	Barium	2.1	B		P
7440-41-7	Beryllium	4.0	U		P
7440-43-9	Cadmium	4.0	U		P
7440-70-2	Calcium	329	B		F
7440-47-3	Chromium	8.0	U		P
7440-48-4	Cobalt	10.0	U		P
7440-50-8	Copper	8.0	U		P
7439-89-6	Iron	9.0	U		P
7439-92-1	Lead	3.9	U		F
7439-95-4	Magnesium	320	U		P
7439-96-5	Manganese	7.0	U		P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	22.0	U		P
7440-09-7	Potassium	644	B		P
7782-49-2	Selenium	1.0	U		F
7440-22-4	Silver	6.6	B		P
7440-23-5	Sodium	200	B		P
7440-28-0	Thallium	1.0	U		F
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	3.0	U		P
	Cyanide				NR

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Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

BCL 001 1490

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.
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MBAT17

Lab Name: ASSOCIATED LABORATORIES Contract: 68-D9-0079

Lab Code: ALI Case No.: 13058 SAS No.: SDG No.: MBAT16

Matrix (soil/water): WATER Lab Sample ID: MBAT17

Level (low/med): LOW 00013 Date Received: 11/03/89

* 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	35.0	U	H	P
7440-36-0	Antimony	20.0	U	H	P
7440-38-2	Arsenic	1.0	U	H	P
7440-39-3	Barium	2.5	B	H	P
7440-41-7	Beryllium	4.0	U	H	P
7440-43-9	Cadmium	4.0	U	H	P
7440-70-2	Calcium	265	B	H	P
7440-47-3	Chromium	8.0	U	H	P
7440-48-4	Cobalt	10.0	U	H	P
7440-50-8	Copper	8.0	U	H	P
7439-89-6	Iron	9.0	U	H	P
7439-92-1	Lead	4.0	U	H	P
7439-95-4	Magnesium	320	U	H	P
7439-96-5	Manganese	7.0	U	H	P
7439-97-6	Mercury	0.20	U	H	CV
7440-02-0	Nickel	22.0	U	H	P
7440-09-7	Potassium	955	B	H	P
7782-49-2	Selenium	1.0	U	H	P
7440-22-4	Silver	10.0	B	H	P
7440-23-5	Sodium	237	B	H	P
7440-28-0	Thallium	1.0	U	H	P
7440-62-2	Vanadium	5.5	B	H	P
7440-66-6	Zinc	3.0	U	H	P
	Cyanide				NR

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BCL 001 1491

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MBAT18

Lab Name: ASSOCIATED LABORATORIES Contract: 68-D9-0079

Lab Code: ALI Case No.: 13058 SAS No.: SDG No.: MBAT16

Matrix (soil/water): SOIL Lab Sample ID: MBAT18

Level (low/med): LOW 00014 Date Received: 11/03/89

% Solids: 72.4

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	7420	-		P
7440-36-0	Antimony	5.1	U	N J	P
7440-38-2	Arsenic	3.8	-		F
7440-39-3	Barium	11.7	B	J	P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	1220	B	E J	P
7440-47-3	Chromium	13.0	-		P
7440-48-4	Cobalt	2.8	B		P
7440-50-8	Copper	20.5	-		P
7439-89-6	Iron	9950	-		P
7439-92-1	Lead	20.9	-		F
7439-95-4	Magnesium	858	B		P
7439-96-5	Manganese	58.1	-		P
7439-97-6	Mercury	3.8	-	*	CV
7440-02-0	Nickel	6.2	B		P
7440-09-7	Potassium	406	B		P
7782-49-2	Selenium	1.0	B	N J	F
7440-22-4	Silver	5.0	-		P
7440-23-5	Sodium	109	B		P
7440-28-0	Thallium	0.37	B		F
7440-62-2	Vanadium	21.4	-	J	P
7440-66-6	Zinc	19.4	-		P
	Cyanide		-		NR

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BCL 001 1492

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: BROWN Clarity After: Artifacts: YES

Comments:

ROOTS

U.S. EPA - CLP

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MBAT19

Lab Name: ASSOCIATED LABORATORIES Contract: 68-D9-0079

Lab Code: ALI Case No.: 13058 SAS No.: SDG No.: MBAT16

Matrix (soil/water): SOIL Lab Sample ID: MBAT19

Level (low/med): LOW Date Received: 11/03/89

00015

% Solids: 87.9

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	7450			P
7440-36-0	Antimony	4.4	U	NJ	P
7440-38-2	Arsenic	3.2			F
7440-39-3	Barium	9.9	B	J	P
7440-41-7	Beryllium	0.88	U		P
7440-43-9	Cadmium	0.88	U		P
7440-70-2	Calcium	675	B	EJ	P
7440-47-3	Chromium	7.9			P
7440-48-4	Cobalt	2.7	B		P
7440-50-8	Copper	8.3			P
7439-89-6	Iron	8290			P
7439-92-1	Lead	9.3			F
7439-95-4	Magnesium	571	B		P
7439-96-5	Manganese	45.0			P
7439-97-6	Mercury	0.10	U	*	CV
7440-02-0	Nickel	4.9	U		P
7440-09-7	Potassium	339	B		P
7782-49-2	Selenium	0.46	B	NJ	F
7440-22-4	Silver	2.5			P
7440-23-5	Sodium	82.5	B		P
7440-28-0	Thallium	0.22	U		F
7440-62-2	Vanadium	12.8		J	P
7440-66-6	Zinc	11.0			P
	Cyanide				NR

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BCL 001 1493

Color Before: BROWN Clarity Before: Texture: COARSE

Color After: BROWN Clarity After: Artifacts: YES

Comments:
STONES

U.S. EPA - CLP

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MBAT20

Lab Name: ASSOCIATED LABORATORIES Contract: 68-D9-0079

Lab Code: ALI Case No.: 13058 SAS No.: SDG No.: MBAT16

Matrix (soil/water): SOIL Lab Sample ID: MBAT20

Level (low/med): LOW 00016 Date Received: 11/03/89

% Solids: 73.5

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	7140			P
7440-36-0	Antimony	5.3	U	NJ	P
7440-38-2	Arsenic	4.9			F
7440-39-3	Barium	10.9	B	J	P
7440-41-7	Beryllium	1.1	U		P
7440-43-9	Cadmium	1.1	U		P
7440-70-2	Calcium	556	B	EJ	P
7440-47-3	Chromium	15.5			P
7440-48-4	Cobalt	2.6	U		P
7440-50-8	Copper	9.5			P
7439-89-6	Iron	9000			P
7439-92-1	Lead	22.1			F
7439-95-4	Magnesium	567	B		P
7439-96-5	Manganese	41.6			P
7439-97-6	Mercury	4.0		*	CV
7440-02-0	Nickel	5.8	U		P
7440-09-7	Potassium	375	B		P
7782-49-2	Selenium	2.7		NJ	F
7440-22-4	Silver	4.2			F
7440-23-5	Sodium	59.8	B		P
7440-28-0	Thallium	0.32	B		F
7440-62-2	Vanadium	20.6		J	P
7440-66-6	Zinc	16.0			P
	Cyanide				NR

BCL 001 1494

Color Before: BROWN Clarity Before: Texture: FINE

Color After: BROWN Clarity After: Artifacts:

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MBAT21

Lab Name: ASSOCIATED LABORATORIES Contract: 68-D9-0079

Lab Code: ALI Case No.: 13058 SAS No.: SDG No.: MBAT16

Matrix (soil/water): SOIL Lab Sample ID: MBAT21

Level (low/med): LOW 00017 Date Received: 11/03/89

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	9040	-		P
7440-36-0	Antimony	4.4	U	NJ	P
7440-38-2	Arsenic	4.4	-		F
7440-39-3	Barium	13.6	B	J	P
7440-41-7	Beryllium	0.88	U		P
7440-43-9	Cadmium	0.88	U		P
7440-70-2	Calcium	820	B	EJ	P
7440-47-3	Chromium	65.6	-		P
7440-48-4	Cobalt	2.2	U		P
7440-50-8	Copper	4.3	B		P
7439-89-6	Iron	8110	-		P
7439-92-1	Lead	15.1	-		F
7439-95-4	Magnesium	1200	-		P
7439-96-5	Manganese	39.5	-		P
7439-97-6	Mercury	0.11	U	*	CV
7440-02-0	Nickel	4.8	U		P
7440-09-7	Potassium	927	B		P
7782-49-2	Selenium	0.35	B	NJ	F
7440-22-4	Silver	4.5	-		P
7440-23-5	Sodium	273	B		P
7440-28-0	Thallium	0.24	B		F
7440-62-2	Vanadium	15.5	-	J	P
7440-66-6	Zinc	16.9	-		P
	Cyanide		-		NR

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J
1-2
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BCL 001 1495

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: BROWN Clarity After: Artifacts: YES

Comments:
GRAVEL

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MBAT22

Lab Name: ASSOCIATED LABORATORIES Contract: 68-D9-0079

Lab Code: ALI Case No.: 13058 SAS No.: SDG No.: MBAT16

Matrix (soil/water): SOIL Lab Sample ID: MBAT22

Level (low/med): LOW 00018 Date Received: 11/03/89

% 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	6560	-		P
7440-36-0	Antimony	4.7	U	NJ	P
7440-38-2	Arsenic	4.6	-		F
7440-39-3	Barium	33.8	B	J	P
7440-41-7	Beryllium	0.93	U		P
7440-43-9	Cadmium	1.3	-		P
7440-70-2	Calcium	658	B	EJ	P
7440-47-3	Chromium	197	-		P
7440-48-4	Cobalt	2.3	B		P
7440-50-8	Copper	8.5	-		P
7439-89-6	Iron	5300	-		P
7439-92-1	Lead	23.8	-		F
7439-95-4	Magnesium	672	B		P
7439-96-5	Manganese	31.2	-		P
7439-97-6	Mercury	0.12	U	*	CV
7440-02-0	Nickel	5.2	B		P
7440-09-7	Potassium	385	B		P
7782-49-2	Selenium	0.25	B	NJ	F
7440-22-4	Silver	5.1	-		P
7440-23-5	Sodium	93.5	B		P
7440-28-0	Thallium	0.28	B		F
7440-62-2	Vanadium	13.5	-	J	P
7440-66-6	Zinc	207	-		P
	Cyanide		-		NR

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J
1-2
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BCL 001 1496

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: BROWN Clarity After: Artifacts: YES

Comments:
ROOTS AND GRAVEL

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MBAT23

Lab Name: ASSOCIATED LABORATORIES Contract: 68-D9-0079

Lab Code: ALI Case No.: 13058 SAS No.: SDG No.: MBAT16

Matrix (soil/water): SOIL Lab Sample ID: MBAT23

Level (low/med): LOW 00019 Date Received: 11/03/89

% Solids: 82.4

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	7350	-		P
7440-36-0	Antimony	4.5	U	NJ	P
7440-38-2	Arsenic	4.2	-		F
7440-39-3	Barium	11.8	B	J	P
7440-41-7	Beryllium	0.90	U		P
7440-43-9	Cadmium	0.90	U		P
7440-70-2	Calcium	884	B	EJ	P
7440-47-3	Chromium	46.2	-		P
7440-48-4	Cobalt	2.2	U		P
7440-50-8	Copper	5.7	-		P
7439-89-6	Iron	7160	-		P
7439-92-1	Lead	15.8	-		F
7439-95-4	Magnesium	729	B		P
7439-96-5	Manganese	45.8	-		P
7439-97-6	Mercury	0.10	U	*	CV
7440-02-0	Nickel	4.9	U		P
7440-09-7	Potassium	395	B		P
7782-49-2	Selenium	0.52	B	NJ	F
7440-22-4	Silver	4.1	-		P
7440-23-5	Sodium	146	B		P
7440-28-0	Thallium	0.24	U		F
7440-62-2	Vanadium	13.8	-	J	P
7440-66-6	Zinc	15.9	-		P
	Cyanide		-		NR

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5
1-2
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BCL 001 1497

Color Before: BROWN Clarity Before: Texture: FINE

Color After: BROWN Clarity After: Artifacts: YES

Comments:

STONES

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MBAT24

Lab Name: ASSOCIATED LABORATORIES Contract: 68-D9-0079

Lab Code: ALI Case No.: 13058 SAS No.: SDG No.: MBAT16

Matrix (soil/water): SOIL Lab Sample ID: MBAT24

Level (low/med): LOW 00020 Date Received: 11/03/89

% Solids: 88.2

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	7630			P
7440-36-0	Antimony	4.3	U	NJ	P
7440-38-2	Arsenic	4.1			F
7440-39-3	Barium	10.8	B	J	P
7440-41-7	Beryllium	0.86	U		P
7440-43-9	Cadmium	0.86	U		P
7440-70-2	Calcium	836	B	EJ	P
7440-47-3	Chromium	40.2			P
7440-48-4	Cobalt	3.1	B		P
7440-50-8	Copper	5.4			P
7439-89-6	Iron	8680			P
7439-92-1	Lead	11.8			F
7439-95-4	Magnesium	955	B		P
7439-96-5	Manganese	62.3			P
7439-97-6	Mercury	0.09	U	*	CV
7440-02-0	Nickel	4.8	U		P
7440-09-7	Potassium	421	B		P
7782-49-2	Selenium	0.27	B	NJ	F
7440-22-4	Silver	4.1			P
7440-23-5	Sodium	163	B		P
7440-28-0	Thallium	0.21	U		F
7440-62-2	Vanadium	16.9		J	P
7440-66-6	Zinc	16.4			P
	Cyanide				NR

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J
1-2
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BCL 001 1498

Color Before: BROWN Clarity Before: Texture: COARSE

Color After: BROWN Clarity After: Artifacts: YES

Comments:
STONES

(2) VOA

SOIL 12/1/89

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 021

BCF00

Lab Name: RECRA ENVIRON Contract: 68-W8-0047

Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96

Matrix: (soil/water) SOIL Lab Sample ID: BCF00

Sample wt/vol: 4.1 (g/mL) G Lab File ID: 1399G

Level: (low/med) MED Date Received: 12/06/89

% Moisture: not dec. 86 Date Analyzed: 12/06/89

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	-----Chloromethane	8700	UJ
74-83-9	-----Bromomethane	8700	UJ
75-01-4	-----Vinyl Chloride	8700	UJ
75-00-3	-----Chloroethane	8700	UJ
75-09-2	-----Methylene Chloride	2500	J
67-64-1	-----Acetone	8700	UJ
75-15-0	-----Carbon Disulfide	4400	U
75-35-4	-----1,1-Dichloroethene	4400	U
75-34-3	-----1,1-Dichloroethane	4400	U
540-59-0	-----1,2-Dichloroethene (total)	4400	U
67-66-3	-----Chloroform	4400	U
107-06-2	-----1,2-Dichloroethane	4400	UV
78-93-3	-----2-Butanone	8700	WR
71-55-6	-----1,1,1-Trichloroethane	4400	UJ
56-23-5	-----Carbon Tetrachloride	4400	U
108-05-4	-----Vinyl Acetate	8700	U
75-27-4	-----Bromodichloromethane	4400	U
78-87-5	-----1,2-Dichloropropane	4400	U
10061-01-5	-----cis-1,3-dichloropropene	4400	U
79-01-6	-----Trichloroethene	4400	U
124-48-1	-----Dibromochloromethane	4400	U
79-00-5	-----1,1,2-Trichloroethane	4400	U
71-43-2	-----Benzene	4400	U
10061-02-6	-----trans-1,3-dichloropropene	4400	U
75-25-2	-----Bromoform	4400	U
108-10-1	-----4-Methyl-2-Pentanone	8700	U
591-78-6	-----2-Hexanone	8700	U
127-18-4	-----Tetrachloroethene	4400	U
79-34-5	-----1,1,2,2-Tetrachloroethane	4400	U
108-88-3	-----Toluene	33000	U
108-90-7	-----Chlorobenzene	4400	UV
100-41-4	-----Ethylbenzene	1900	J
100-42-5	-----Styrene	4400	UJ
1330-20-7	-----Total Xylenes	18000	J

BCL 001 1499

CM 4/26/90

0227

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: RECRA ENVIRONMENTAL, INC.

EPA Sample No. BCF00

Lab Code: RECNY Case No: 13269 SAS No:

Contract: 68-W8-0047

Matrix (Soil/Water): SOIL

SDG No: BCW96

Sample wt/vol: 4.1 (g/ml): G

Lab Sample Id: BCF00

Level (low/med): MED

Lab File Id: 1399G

Moisture not Dec: 86

Date Received: 12-06-89

Date Analyzed: 12-06-89

Column: (pack/cap): PACK

Dilution Factor: 1.00

Number TICs Found: 5

Concentration Units:

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	UNKNOWN	24.43	8400	JN J J J J ↓
2	UNKNOWN	24.70	7700	
3	UNKNOWN	25.82	8400	
4	UNKNOWN CYCLOHEXANE	28.55	41000	
5	UNKNOWN	30.37	13000	
6				
7				
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FORM I VOA-TIC

CM 4/20/90

BCL 001 1500

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO 20

BCF01

Lab Name: RECRA ENVIRON Contract: 68-W8-0047

Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96

Matrix: (soil/water) SOIL Lab Sample ID: BCF01

Sample wt/vol: 5.1 (g/mL) G Lab File ID: 1392G

Level: (low/med) LOW Date Received: 12/06/89

% Moisture: not dec. 19 Date Analyzed: 12/06/89

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

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

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	15	BU
67-64-1	Acetone	12	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	12	NR
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	UJ
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

BCL 001 1501

CM 4/20/93

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

0267

Lab Name: RECRA ENVIRONMENTAL, INC.

EPA Sample No. BCF01

Lab Code: RECN Y Case No: 13269 SAS No:

Contract: 68-W8-0047

matrix (Soil/Water): SOIL

SDG No: BCW96

sample wt/vol: 5.1 (g/ml): G

Lab Sample Id: BCF01

Level (low/med): LOW

Lab File Id: 1392G

Date Received: 12-06-89

Moisture not Dec: 19

Date Analyzed: 12-06-89

Column: (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
1	UNKNOWN CHLORINATED COMPOUND	6.77	9	PR
2	METHANE, TRICHLOROFLUORIDE			
3				
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FORM I VOA-TIC

CM 4/26/90

BCL 001 1502

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 02

BCF02

Lab Name: RECRA ENVIRON Contract: 68-W8-0047

Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96

Matrix: (soil/water) SOIL Lab Sample ID: BCF02

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 1433G

Level: (low/med) LOW Date Received: 12/07/89

% Moisture: not dec. 3 Date Analyzed: 12/09/89

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

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

CAS NO.	COMPOUND	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	10	UJ
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	KR
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	UJ
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

BCL 001 1503

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

0282

Lab Name: RECRA ENVIRONMENTAL, INC.
 Lab Code: RECN Case No: 13269 SAS No:
 Matrix (Soil/Water): SOIL
 Sample wt/vol: 5.0 (g/ml): G
 Level (low/med): LOW
 % Moisture not Dec: 3
 Column: (pack/cap): PACK
 Number TICs Found: 0

EPA Sample No. BCF02
 Contract: 68-W8-0047
 SDG No: BCW96
 Lab Sample Id: BCF02
 Lab File Id: 1433G
 Date Received: 12-07-89
 Date Analyzed: 12-09-89
 Dilution Factor: 1.00
 Concentration Units:
 (ug/L or ug/Kg) UG/KG

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

EPA SAMPLE NO. 0280

BCF03

Lab Name: RECRA ENVIRON Contract: 68-W8-0047

Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BC/96

Matrix: (soil/water) SOIL Lab Sample ID: BCF03

Sample wt/vol: 5.1 (g/mL) G Lab File ID: 1434G

Level: (low/med) LOW Date Received: 12/07/89

% Moisture: not dec. 22 Date Analyzed: 12/09/89

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	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	13	UJ
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	UR
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	13	UJ
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	U

BCL 001 1505

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: RECRA ENVIRONMENTAL, INC. EPA Sample No. BCF03
Contract: 68-W8-0047
Lab Code: RECNY Case No: 13269 SAS No: SDG No: BCW96
Matrix (Soil/Water): SOIL Lab Sample Id: BCF03
Sample wt/vol: 5.1 (g/ml): G Lab File Id: 1434G
Level (low/med): LOW Date Received: 12-07-89
Moisture not Dec: 22 Date Analyzed: 12-09-89
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
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE **029**

BCF04

Lab Name: RECRA ENVIRON Contract: 68-W8-0047

Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96

Matrix: (soil/water) SOIL Lab Sample ID: BCF04

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 1437G

Level: (low/med) LOW Date Received: 12/07/89

% Moisture: not dec. 2 Date Analyzed: 12/09/89

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

ECL 001 1507

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

0298

Lab Name: RECRA ENVIRONMENTAL, INC.

EPA Sample No. BCF04

Lab Code: RECNY Case No: 13269 SAS No:

Contract: 68-W8-0047

Matrix (Soil/Water): SOIL

SDG No: BCW96

Sample wt/vol: 5.0 (g/ml): G

Lab Sample Id: BCF04

Level (low/med): LOW

Lab File Id: 1437G

Moisture not Dec: 2

Date Received: 12-07-89

Date Analyzed: 12-09-89

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
1				
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FORM I VOA-TIC

BCL 001 1508

0305

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCF05

Lab Name: RECRA ENVIRON

Contract: 68-W8-0047

Lab Code: RECNY

Case No.: 13269

SAS No.: _____

SDG No.: BCW96

Matrix: (soil/water) SOIL

Lab Sample ID: BCF05

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

Lab File ID: 1438G

Level: (low/med) LOW

Date Received: 12/07/89

% Moisture: not dec. 3

Date Analyzed: 12/09/89

Column: (pack/cap) PACK

Dilution Factor: 1.0

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

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	UJ
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	UR
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	UJ
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

BCL 001 1509

CM 4/26/90

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

0306

Lab Name: RECRA ENVIRONMENTAL, INC.

EPA Sample No. BCF05

Lab Code: RECNY Case No: 13269 SAS No:

Contract: 68-W8-0047

Matrix (Soil/Water): SOIL

SDG No: BCW96

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

Lab Sample Id: BCF05

Level (low/med): LOW

Lab File Id: 1438G

Moisture not Dec: 3

Date Received: 12-07-89

Date Analyzed: 12-09-89

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
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO 813

BCF06

Lab Name: RECRA ENVIRON Contract: 68-W8-0047

Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96

Matrix: (soil/water) SOIL Lab Sample ID: BCF06

Sample wt/vol: 5.2 (g/mL) G Lab File ID: 1439G

Level: (low/med) LOW Date Received: 12/08/89

% Moisture: not dec. 14 Date Analyzed: 12/09/89

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

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

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	UJ
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	UR
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	11	UJ
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

BCL 001 1511

CM 4/26/90

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

0314

Lab Name: RECRA ENVIRONMENTAL, INC.	EPA Sample No. BCF06
Lab Code: RECNY Case No: 13269 SAS No:	Contract: 68-W8-0047
Matrix (Soil/Water): SOIL	SDG No: BCW96
Sample wt/vol: 5.2 (g/ml): G	Lab Sample Id: BCF06
Level (low/med): LOW	Lab File Id: 1439G
Moisture not Dec: 14	Date Received: 12-08-89
Column: (pack/cap): PACK	Date Analyzed: 12-09-89
Number TICs Found: 0	Dilution Factor: 1.00
	Concentration Units: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1				
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BCL 001 1512

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE **0321**

BCF07

Lab Name: RECRA ENVIRON Contract: 68-W8-0047

Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96

Matrix: (soil/water) SOIL Lab Sample ID: BCF07

Sample wt/vol: 5.2 (g/mL) G Lab File ID: 1440G

Level: (low/med) LOW Date Received: 12/08/89

% Moisture: not dec. 13 Date Analyzed: 12/09/89

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	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	UJ
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	UR
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	11	UJ
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

BCL 001 1513

CM 4/26/90

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

0322

Lab Name: RECRA ENVIRONMENTAL, INC.
 Lab Code: RECNY Case No: 13269 SAS No:
 Matrix (Soil/Water): SOIL
 Sample wt/vol: 5.2 (g/ml): G
 Level (low/med): LOW
 % Moisture not Dec: 13
 Column: (pack/cap): PACK
 Number TICs Found: 0

EPA Sample No. BCF07
 Contract: 68-W8-0047
 SDG No: BCW96
 Lab Sample Id: BCF07
 Lab File Id: 1440G
 Date Received: 12-08-89
 Date Analyzed: 12-09-89
 Dilution Factor: 1.00
 Concentration Units:
 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1				
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0329

EPA SAMPLE NO.

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

BCF08

Lab Name: RECRA ENVIRON

Contract: 68-W8-0047

Lab Code: RECNV

Case No.: 13269

SAS No.: _____

SDG No.: BCW96

Matrix: (soil/water) SOIL

Lab Sample ID: BCF08

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

Lab File ID: 1441G

Level: (low/med) LOW

Date Received: 12/08/89

% Moisture: not dec. 2

Date Analyzed: 12/09/89

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	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	UJ
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	UR
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	UJ
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

BCL 001 1515

cr 4/26/90

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: RECRA ENVIRONMENTAL, INC.
Lab Code: RECNY Case No: 13269 SAS No:
Matrix (Soil/Water): SOIL
sample wt/vol: 5.0 (g/ml): G
level (low/med): LOW
% Moisture not Dec: 2
column: (pack/cap): PACK
Number TICs Found: 0

EPA Sample No. BCF08
Contract: 68-W8-0047
SDG No: BCW96
Lab Sample Id: BCF08
Lab File Id: 1441G
Date Received: 12-08-89
Date Analyzed: 12-09-89
Dilution Factor: 1.00
Concentration Units:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1				
2				
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BCL 001 1516

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE **1037**

BCF09 **FB**

Lab Name: RECRA ENVIRON Contract: 68-W8-0047

Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96

Matrix: (soil/water) WATER Lab Sample ID: BCF09

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 7266D

Level: (low/med) LOW Date Received: 12/09/89

% Moisture: not dec. _____ Date Analyzed: 12/11/89

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

BCL 001 1517

CM 4/20/90

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

0338

Lab Name: RECRA ENVIRONMENTAL, INC.	EPA Sample No. BCF09 FB
Lab Code: RECN Y Case No: 13269 SAS No:	Contract: 68-W8-0047
Matrix (Soil/Water): WATER	SDG No: BCW96
Sample wt/vol: 5.0 (g/ml): ML	Lab Sample Id: BCF09
Level (low/med): LOW	Lab File Id: 7266D
Moisture not Dec:	Date Received: 12-09-89
Column: (pack/cap): PACK	Date Analyzed: 12-11-89
Number TICs Found: 0	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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FORM I VOA-TIC

BCL 001 1518

0343

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCF10

Lab Name: RECRA ENVIRON

Contract: 68-W8-0047

Lab Code: RECNY Case No.: 13269

SAS No.: _____

SDG No.: BCW96

Matrix: (soil/water) SOIL

Lab Sample ID: BCF10

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

Lab File ID: 1445G

Level: (low/med) LOW

Date Received: 12/09/89

% Moisture: not dec. 3

Date Analyzed: 12/11/89

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	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

BCL 001 1519

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

0346

Lab Name: RECRA ENVIRONMENTAL, INC.
 Lab Code: RECNY Case No: 13269 SAS No:
 matrix (Soil/Water): SOIL
 Sample wt/vol: 5.0 (g/ml): G
 Level (low/med): LOW
 Moisture not Dec: 3
 Column: (pack/cap): PACK
 Number TICs Found: 0

EPA Sample No. BCF10
 Contract: 68-W8-0047
 SDG No: BCW96
 Lab Sample Id: BCF10
 Lab File Id: 1445G
 Date Received: 12-09-89
 Date Analyzed: 12-11-89
 Dilution Factor: 1.00
 Concentration Units:
 (ug/L or ug/Kg) UG/KG

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

EPA SAMPLE NO. 0352

BCF11

Lab Name: RECRA ENVIRON Contract: 68-W8-0047
 Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96
 Matrix: (soil/water) SOIL Lab Sample ID: BCF11
 Sample wt/vol: 5.0 (g/mL) G Lab File ID: 1449G
 Level: (low/med) LOW Date Received: 12/09/89
 % Moisture: not dec. 16 Date Analyzed: 12/11/89
 Column: (pack/cap) PACK Dilution Factor: 1.0

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

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	12	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	12	NR
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	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

BCL 001 1521

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

0354

Lab Name: RECRA ENVIRONMENTAL, INC.
 Lab Code: RECNY Case No: 13269 SAS No:
 Matrix (Soil/Water): SOIL
 Sample wt/vol: 5.0 (g/ml): G
 Level (low/med): LOW
 * Moisture not Dec: 16
 Column: (pack/cap): PACK
 Number TICs Found: 0

EPA Sample No. BCF11
 Contract: 68-W8-0047
 SDG No: BCW96
 Lab Sample Id: BCF11
 Lab File Id: ~~1446G~~ 1449G
 Date Received: 12-09-89 (VOR 1/11/90)
 Date Analyzed: 12-11-89
 Dilution Factor: 1.00
 Concentration 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.

BCW96 FB 03

Lab Name: RECRA ENVIRON Contract: 68-W8-0047
 Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96
 Matrix: (soil/water) WATER Lab Sample ID: BCW96
 Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 7180D
 Level: (low/med) LOW Date Received: 12/05/89
 % Moisture: not dec. _____ Date Analyzed: 12/05/89
 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	NR
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	NR
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

BCL 001 1523

GM 4/26/90

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

0362

Lab Name: RECRA ENVIRONMENTAL, INC.

EPA Sample No. BCW96 FB

Lab Code: RECNY Case No: 13269 SAS No:

Contract: 68-W8-0047

Matrix (Soil/Water): WATER

SDG No: BCW96

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

Lab Sample Id: BCW96

Level (low/med): LOW

Lab File Id: 7180D

% Moisture not Dec:

Date Received: 12-05-89

Column: (pack/cap): PACK

Date Analyzed: 12-05-89

Number TICs Found: 0

Dilution Factor: 1.00

Concentration Units:

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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FORM I VOA-TIC

BCL 001 1524

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE # 9363

BCW97

Lab Name: RECRA ENVIRON Contract: 68-W8-0047

Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96

Matrix: (soil/water)- SOIL Lab Sample ID: BCW97

Sample wt/vol: 5.1 (g/mL) G Lab File ID: 1374G

Level: (low/med) LOW Date Received: 12/05/89

% Moisture: not dec. 3 Date Analyzed: 12/05/89

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	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	R
71-55-6	-----1,1,1-Trichloroethane	5	U
56-23-5	-----Carbon Tetrachloride	5	U
108-05-4	-----Vinyl Acetate	10	UJ
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

BCL 001 1525

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

0370

Lab Name: RECRA ENVIRONMENTAL, INC.
 Lab Code: RECNY Case No: 13269 SAS No:
 Matrix (Soil/Water): SOIL
 Sample wt/vol: ~~5.0~~ 5.1 (g/ml): G
 (Vol W Vol/Wt)
 Level (low/med): LOW
 * Moisture not Dec: 3
 Column: (pack/cap): PACK
 Number TICs Found: 0

EPA Sample No. BCW97
 Contract: 68-W8-0047
 SDG No: BCW96
 Lab Sample Id: BCW97
 Lab File Id: 1374G
 Date Received: 12-05-89
 Date Analyzed: 12-05-89
 Dilution Factor: 1.00
 Concentration Units:
 (ug/L or ug/Kg) UG/KG

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

EPA SAMPLE NO 937

Lab Name: <u>RECRA ENVIRON</u>	Contract: <u>68-W8-0047</u>	BCW98
Lab Code: <u>RECNY</u>	Case No.: <u>13269</u>	SAS No.: _____
Matrix: (soil/water) <u>SOIL</u>	Lab Sample ID: <u>BCW98</u>	SDG No.: <u>BCW96</u>
Sample wt/vol: <u>5.2</u> (g/mL) <u>G</u>	Lab File ID: <u>1394G</u>	
Level: (low/med) <u>LOW</u>	Date Received: <u>12/06/89</u>	
% Moisture: not dec. <u>20</u>	Date Analyzed: <u>12/06/89</u>	
Column: (pack/cap) <u>PACK</u>	Dilution Factor: <u>1.0</u>	

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

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	20	U
67-64-1	Acetone	40	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	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	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

BCL 001 1527

CM 4/24/90

0378

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: RECRA ENVIRONMENTAL, INC.	EPA Sample No. BCW98
Lab Code: RECNV Case No: 13269 SAS No:	Contract: 68-W8-0047
Matrix (Soil/Water): SOIL	SDG No: BCW96
Sample wt/vol: 5.2 (g/ml): G	Lab Sample Id: BCW98
Level (low/med): LOW	Lab File Id: 1394G
Moisture not Dec: 20	Date Received: 12-06-89
Column: (pack/cap): PACK	Date Analyzed: 12-06-89
Number TICs Found: 0	Dilution Factor: 1.00
	Concentration Units: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1				
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BCL 001 1528

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 039

BCW99

Lab Name: RECRA ENVIRON Contract: 68-W8-0047

Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96

Matrix: (soil/water) SOIL Lab Sample ID: BCW99

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 1393G

Level: (low/med) LOW Date Received: 12/06/89

% Moisture: not dec. 1 Date Analyzed: 12/06/89

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	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	12	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

BCL 001 1529

CM 4/26/90

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

0392

Lab Name: RECRA ENVIRONMENTAL, INC.

EPA Sample No. BCW99

Lab Code: RECN Case No: 13269 SAS No:

Contract: 68-W8-0047

Matrix (Soil/Water): SOIL

SDG No: BCW96

Sample wt/vol: 5.0 (g/ml): G

Lab Sample Id: BCW99

Level (low/med): LOW

Lab File Id: 1393G

% Moisture not Dec: 1

Date Received: 12-06-89

Date Analyzed: 12-06-89

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
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FORM I VOA-TIC

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE **8529**

VBLK83

Lab Name: RECRA ENVIRON Contract: 68-W8-0047
 Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96
 Matrix: (soil/water) SOIL Lab Sample ID: VBLK83
 Sample wt/vol: 5.0 (g/mL) G Lab File ID: 1365G
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. _____ Date Analyzed: 12/05/89
 Column: (pack/cap) PACK Dilution Factor: 1.0

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

CAS NO.	COMPOUND	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	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

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0530

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: RECRA ENVIRONMENTAL, INC.

EPA Sample No. VBLK83

Lab Code: RECN Case No: 13269 SAS No:

Contract: 68-W8-0047

Matrix (Soil/Water): SOIL

SDG No: BCW96

Sample wt/vol: 5.0 (g/ml): G

Lab Sample Id: VBLK83

Level (low/med): LOW

Lab File Id: 1365G

% Moisture not Dec:

Date Received:

Column: (pack/cap): PACK

Date Analyzed: 12-05-89

Number TICs Found: 0

Dilution Factor: 1.00

Concentration Units:

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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FORM I VOA-TIC

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK70

Lab Name: RECRA ENVIRON Contract: 68-W8-0047
 Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96
 Matrix: (soil/water) WATER Lab Sample ID: VBLK70
 Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 7171D
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. _____ Date Analyzed: 12/05/89
 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

BCL 001 1533

0537

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: RECRA ENVIRONMENTAL, INC.

EPA Sample No. VBLK70

Lab Code: RECN Case No: 13269 SAS No:

Contract: 68-W8-0047

Matrix (Soil/Water): WATER

SDG No: BCW96

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

Lab Sample Id: VBLK70

Level (low/med): LOW

Lab File Id: 7171D

Moisture not Dec:

Date Received:

Column: (pack/cap): PACK

Date Analyzed: 12-05-89

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	25.40	19	J
2				
3				
4				
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BCL 001 1534

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. **054**

VBLK85

Lab Name: RECRA ENVIRON Contract: 68-W8-0047

Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96

Matrix: (soil/water)- SOIL Lab Sample ID: VBLK85

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 1391G

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

% Moisture: not dec. _____ Date Analyzed: 12/06/89

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

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

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	10	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

BCL 001 1535

0549

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: RECRA ENVIRONMENTAL, INC. EPA Sample No. VBLK85
Lab Code: RECNV Case No: 13269 SAS No: Contract: 68-W8-0047
Matrix (Soil/Water): SOIL SDG No: BCW96
Sample wt/vol: 5.0 (g/ml): G Lab Sample Id: VBLK85
Level (low/med): LOW Lab File Id: 1391G
% Moisture not Dec: Date Received:
Column: (pack/cap): PACK Date Analyzed: 12-06-89
Number TICs Found: 0 Dilution Factor: 1.00
Concentration Units:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1				
2				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE **0550**

VBLK86

Lab Name: RECRA ENVIRON Contract: 68-W8-0047

Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96

Matrix: (soil/water) SOIL Lab Sample ID: VBLK86

Sample wt/vol: 4.0 (g/mL) G Lab File ID: 1396G

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

% Moisture: not dec. _____ Date Analyzed: 12/06/89

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	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

BCL 001 1537

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: RECRA ENVIRONMENTAL, INC.
Lab Code: RECNY Case No: 13269 SAS No:
Matrix (Soil/Water): SOIL
Sample wt/vol: 4.0 (g/ml): G
Level (low/med): MED
Moisture not Dec:
Column: (pack/cap): PACK
Number TICs Found: 1

EPA Sample No. VBLK86
Contract: 68-W8-0047
SDG No: BCW96
Lab Sample Id: VBLK86
Lab File Id: 1396G
Date Received:
Date Analyzed: 12-06-89
Dilution Factor: 1.00
Concentration Units:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	ALKYL HYDROCARBON	29.22	9700	J
2				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK88 0576

Lab Name: RECRA ENVIRON Contract: 68-W8-0047
 Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96
 Matrix: (soil/water) SOIL Lab Sample ID: VBLK88
 Sample wt/vol: 5.0 (g/mL) G Lab File ID: 1428G
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. _____ Date Analyzed: 12/08/89
 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	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

BCL 001 1539

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

0571

EPA Sample No. VBLK88

Lab Name: RECRA ENVIRONMENTAL, INC.

Contract: 68-W8-0047

Lab Code: RECNY Case No: 13269 SAS No:

SDG No: BCW96

Matrix (Soil/Water): SOIL

Lab Sample Id: VBLK88

Sample wt/vol: 5.0 (g/ml): G

Lab File Id: 1428G

Level (low/med): LOW

Date Received:

% Moisture not Dec:

Date Analyzed: 12-08-89

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
1				
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FORM I VOA-TIC

BCL 001 1540

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 11578

VBLK75

Lab Name: RECRA ENVIRON Contract: 68-W8-0047

Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96

Matrix: (soil/water) WATER Lab Sample ID: VBLK75

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 7264D

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

% Moisture: not dec. _____ Date Analyzed: 12/11/89

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	D
108-90-7	-----Chlorobenzene	5	D
100-41-4	-----Ethylbenzene	5	D
100-42-5	-----Styrene	5	D
1330-20-7	-----Total Xylenes	5	D

BCL 001 1541

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

0579

Lab Name: RECRA ENVIRONMENTAL, INC.
Lab Code: RECNY Case No: 13269 SAS No:
Matrix (Soil/Water): WATER
Sample wt/vol: 5.0 (g/ml): ML
Level (low/med): LOW
% Moisture not Dec:
Column: (pack/cap): PACK
Number TICs Found: 0

EPA Sample No. VBLK75
Contract: 68-W8-0047
SDG No: BCW96
Lab Sample Id: VBLK75
Lab File Id: 7264D
Date Received:
Date Analyzed: 12-11-89
Dilution Factor: 1.00
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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FORM I VOA-TIC

BCL 001 1542

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 58

VBLK89

Lab Name: RECRA ENVIRON Contract: 68-W8-0047

Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96

Matrix: (soil/water) SOIL Lab Sample ID: VBLK89

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 1444G

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

% Moisture: not dec. _____ Date Analyzed: 12/11/89

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

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

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

BCL 001 1543

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

0587

Lab Name: RECRA ENVIRONMENTAL, INC.
 Lab Code: RECNY Case No: 13269 SAS No:
 Matrix (Soil/Water): SOIL
 Sample wt/vol: 5.0 (g/ml): G
 Level (low/med): LOW
 % Moisture not Dec:
 Column: (pack/cap): PACK
 Number TICs Found: 0

EPA Sample No. VBLK89
 Contract: 68-W8-0047
 SDG No: BCW96
 Lab Sample Id: VBLK89
 Lab File Id: 1444G
 Date Received:
 Date Analyzed: 12-11-89
 Dilution Factor: 1.00
 Concentration Units:
 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1				
2				
3				
4				
5				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCFOOMS

1593

Lab Name: RECRA ENVIRON Contract: 68-W8-0047
 Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96
 Matrix: (soil/water) SOIL Lab Sample ID: BCFOOMS
 Sample wt/vol: 4.1 (g/mL) G Lab File ID: 1400G
 Level: (low/med) MED Date Received: 12/06/89
 % Moisture: not dec. 86 Date Analyzed: 12/06/89
 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	8700	U
74-83-9	Bromomethane	8700	U
75-01-4	Vinyl Chloride	8700	U
75-00-3	Chloroethane	8700	U
75-09-2	Methylene Chloride	4700	U
67-64-1	Acetone	8700	U
75-15-0	Carbon Disulfide	4400	U
75-35-4	1,1-Dichloroethene	4400	U
75-34-3	1,1-Dichloroethane	4400	U
540-59-0	1,2-Dichloroethene (total)	4400	U
67-66-3	Chloroform	4400	U
107-06-2	1,2-Dichloroethane	4400	U
78-93-3	2-Butanone	8700	U
71-55-6	1,1,1-Trichloroethane	4400	U
56-23-5	Carbon Tetrachloride	4400	U
108-05-4	Vinyl Acetate	8700	U
75-27-4	Bromodichloromethane	4400	U
78-87-5	1,2-Dichloropropane	4400	U
10061-01-5	cis-1,3-dichloropropene	4400	U
79-01-6	Trichloroethene	4400	U
124-48-1	Dibromochloromethane	4400	U
79-00-5	1,1,2-Trichloroethane	4400	U
71-43-2	Benzene	4400	U
10061-02-6	trans-1,3-dichloropropene	4400	U
75-25-2	Bromoform	4400	U
108-10-1	4-Methyl-2-Pentanone	8700	U
591-78-6	2-Hexanone	8700	U
127-18-4	Tetrachloroethene	4400	U
79-34-5	1,1,2,2-Tetrachloroethane	4400	U
108-88-3	Toluene	4400	U
108-90-7	Chlorobenzene	4400	U
100-41-4	Ethylbenzene	2100	J
100-42-5	Styrene	4400	U
1330-20-7	Total Xylenes	19000	

BCL 001 1545

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

0598

BCF01MS

Lab Name: RECRA ENVIRON Contract: 68-W8-0047

Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96

Matrix: (soil/water) SOIL Lab Sample ID: BCF01MS

Sample wt/vol: 5.1 (g/mL) G Lab File ID: 1402G

Level: (low/med) LOW Date Received: 12/06/89

Moisture: not dec. 19 Date Analyzed: 12/06/89

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	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	12	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	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	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

BCL 001 1546

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 0608

BCF01MSD

Lab Name: RECRA ENVIRON Contract: 68-W8-0047

Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96

Matrix: (soil/water)- SOIL Lab Sample ID: BCF01MSD

Sample wt/vol: 5.1 (g/mL) G Lab File ID: 1403G

Level: (low/med) LOW Date Received: 12/06/89

% Moisture: not dec. 19 Date Analyzed: 12/06/89

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	5	BJ
67-64-1	Acetone	12	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	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	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

BCL 001 1547

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCFO0MSD 0603

Lab Name: RECRA ENVIRON Contract: 68-W8-0047

Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96

Matrix: (soil/water) SOIL Lab Sample ID: BCFO0MSD

Sample wt/vol: 4.1 (g/mL) G Lab File ID: 1401G

Level: (low/med) MED Date Received: 12/06/89

Moisture: not dec. 86 Date Analyzed: 12/06/89

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

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

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	-----Chloromethane	8700	U
74-83-9	-----Bromomethane	8700	U
75-01-4	-----Vinyl Chloride	8700	U
75-00-3	-----Chloroethane	8700	U
75-09-2	-----Methylene Chloride	1400	J
67-64-1	-----Acetone	8700	U
75-15-0	-----Carbon Disulfide	4400	U
75-35-4	-----1,1-Dichloroethene	4400	U
75-34-3	-----1,1-Dichloroethane	4400	U
540-59-0	-----1,2-Dichloroethene (total)	4400	U
67-66-3	-----Chloroform	4400	U
107-06-2	-----1,2-Dichloroethane	4400	U
78-93-3	-----2-Butanone	8700	U
71-55-6	-----1,1,1-Trichloroethane	4400	U
56-23-5	-----Carbon Tetrachloride	4400	U
108-05-4	-----Vinyl Acetate	8700	U
75-27-4	-----Bromodichloromethane	4400	U
78-87-5	-----1,2-Dichloropropane	4400	U
10061-01-5	-----cis-1,3-dichloropropene	4400	U
79-01-6	-----Trichloroethene	4400	U
124-48-1	-----Dibromochloromethane	4400	U
79-00-5	-----1,1,2-Trichloroethane	4400	U
71-43-2	-----Benzene	4400	U
10061-02-6	-----trans-1,3-dichloropropene	4400	U
75-25-2	-----Bromoform	4400	U
108-10-1	-----4-Methyl-2-Pentanone	8700	U
591-78-6	-----2-Hexanone	8700	U
127-18-4	-----Tetrachloroethene	4400	U
79-34-5	-----1,1,2,2-Tetrachloroethane	4400	U
108-88-3	-----Toluene	4400	U
108-90-7	-----Chlorobenzene	4400	U
100-41-4	-----Ethylbenzene	2300	J
100-42-5	-----Styrene	4400	U
1330-20-7	-----Total Xylenes	18000	

BCL 001 1548

BWA

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE #651

BCF01

Lab Name: RECRA ENVIRON Contract: 68-W8-0047

Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96

Matrix: (soil/water)- SOIL Lab Sample ID: BCF01

Sample wt/vol: 30.4 (g/mL) G Lab File ID: 3115X

Level: (low/med) LOW Date Received: 12/06/89

% Moisture: not dec. 19 dec. _____ Date Extracted: 12/09/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 12/20/89

GPC Cleanup: (Y/N) (Y) pH: 5.2 Dilution Factor: 1.0

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

BCL 001 1549

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCF01

Lab Name: RECRA ENVIRON Contract: 68-W8-0047

Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96

Matrix: (soil/water) SOIL Lab Sample ID: BCF01

Sample wt/vol: 30.4 (g/mL) G Lab File ID: 3115X

Level: (low/med) LOW Date Received: 12/06/89

* Moisture: not dec. 19 dec. _____ Date Extracted: 12/09/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 12/20/89

PC Cleanup: (Y/N) Y pH: 5.2 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	UJ
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	800	U
120-12-7-----	Anthracene	800	U
84-74-2-----	Di-n-Butylphthalate	800 50	BU
206-44-0-----	Fluoranthene	800	U
129-00-0-----	Pyrene	800	U
85-68-7-----	Butylbenzylphthalate	800	U
91-94-1-----	3,3'-Dichlorobenzidine	1600	U
56-55-3-----	Benzo(a)Anthracene	800	U
218-01-9-----	Chrysene	800	U
117-81-7-----	Bis(2-Ethylhexyl)Phthalate	800	U
117-84-0-----	Di-n-Octyl Phthalate	800	U
205-99-2-----	Benzo(b)Fluoranthene	800	U
207-08-9-----	Benzo(k)Fluoranthene	800	U
50-32-8-----	Benzo(a)Pyrene	800	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	800	U
53-70-3-----	Dibenz(a,h)Anthracene	800	U
191-24-2-----	Benzo(g,h,i)Perylene	800	U

(1) - Cannot be separated from Diphenylamine

CM 5/1/90

BCL 001 1550

06J

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA Sample No. BCF01

Contract: 68-W8-0047

SDG No: BCW96

Lab Sample Id: BCF01

Lab File Id: 3115X

Date Received: 12-06-89

Date Extracted: 12-09-89

Date Analyzed: 12-20-89

Dilution Factor: 1.00

Concentration Units:

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

Lab Name: RECRA ENVIRONMENTAL, INC.

Lab Code: RECN Case No: 13269 SAS No:

Matrix (Soil/Water): SOIL

Sample wt/vol: 30.4 (g/ml): G

Level (low/med): LOW

% Moisture not Dec: 19 Dec:

Extraction: (SepF/Cont/Sonc): SONC

GPC Cleanup: (Y/N): Y pH: 5.2

Number TICs Found: 7

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	UNKNOWN	15.43	430	JN
2	UNKNOWN	18.33	370	JN
3	UNKNOWN	29.48	590	JR
4	UNKNOWN	30.93	2500	JN
5	SILOXANE COMPOUND	33.10	940	JN
6	UNKNOWN	37.02	330	JN
7	SILOXANE COMPOUND	37.22	370	JR
8				
9				
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BCL 001 1551

FORM I VOA-TIC

CM 5/1/90

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCF02

0693

Lab Name: RECRA ENVIRON Contract: 68-W8-0047

Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96

Matrix: (soil/water) SOIL Lab Sample ID: BCF02

Sample wt/vol: 30.2 (g/mL) G Lab File ID: 3118X

Level: (low/med) LOW Date Received: 12/07/89

% Moisture: not dec. 3 dec. _____ Date Extracted: 12/09/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 12/20/89

GPC Cleanup: (Y/N) Y pH: 4.9 Dilution Factor: 1.0

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

CAS NO. COMPOUND Q

108-95-2	Phenol	680	U
111-44-4	bis(2-Chloroethyl) Ether	680	U
95-57-8	2-Chlorophenol	680	U
541-73-1	1,3-Dichlorobenzene	680	U
106-46-7	1,4-Dichlorobenzene	680	U
100-51-6	Benzyl Alcohol	680	U
95-50-1	1,2-Dichlorobenzene	680	U
95-48-7	2-Methylphenol	680	U
108-60-1	bis(2-Chloroisopropyl) Ether	680	U
106-44-5	4-Methylphenol	680	U
621-64-7	N-Nitroso-Di-n-Propylamine	680	U
67-72-1	Hexachloroethane	680	U
98-95-3	Nitrobenzene	680	U
78-59-1	Isophorone	680	U
88-75-5	2-Nitrophenol	680	U
105-67-9	2,4-Dimethylphenol	680	U
65-85-0	Benzoic Acid	3300	U
111-91-1	bis(2-Chloroethoxy) Methane	680	U
120-83-2	2,4-Dichlorophenol	680	U
120-82-1	1,2,4-Trichlorobenzene	680	U
91-20-3	Naphthalene	680	U
106-47-8	4-Chloroaniline	680	U
87-68-3	Hexachlorobutadiene	680	U
59-50-7	4-Chloro-3-Methylphenol	680	U
91-57-6	2-Methylnaphthalene	680	U
77-47-4	Hexachlorocyclopentadiene	680	U
88-06-2	2,4,6-Trichlorophenol	680	U
95-95-4	2,4,5-Trichlorophenol	3300	U
91-58-7	2-Chloronaphthalene	680	U
88-74-4	2-Nitroaniline	3300	U
131-11-3	Dimethyl Phthalate	680	U
208-96-8	Acenaphthylene	680	U
606-20-2	2,6-Dinitrotoluene	680	U

BCL 001 1552

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 0694

BCF02

Lab Name: RECRA ENVIRON Contract: 68-W8-0047
 Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96
 Matrix: (soil/water) SOIL Lab Sample ID: BCF02
 Sample wt/vol: 30.2 (g/mL) G Lab File ID: 3118X
 Level: (low/med) LOW Date Received: 12/07/89
 % Moisture: not dec. 3 dec. _____ Date Extracted: 12/09/89
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 12/20/89
 GPC Cleanup: (Y/N) Y pH: 4.9 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2	3-Nitroaniline	3300	U
83-32-9	Acenaphthene	680	U
51-28-5	2,4-Dinitrophenol	3300	U
100-02-7	4-Nitrophenol	3300	U
132-64-9	Dibenzofuran	680	U
121-14-2	2,4-Dinitrotoluene	680	U
84-66-2	Diethylphthalate	680	U
7005-72-3	4-Chlorophenyl-phenylether	680	U
86-73-7	Fluorene	680	U
100-01-6	4-Nitroaniline	3300	U
534-52-1	4,6-Dinitro-2-Methylphenol	3300	U
86-30-6	N-Nitrosodiphenylamine (1)	680	U
101-55-3	4-Bromophenyl-phenylether	680	U
118-74-1	Hexachlorobenzene	680	U
87-86-5	Pentachlorophenol	3300	U
85-01-8	Phenanthrene	680	U
120-12-7	Anthracene	680	U
84-74-2	Di-n-Butylphthalate	680 49	U
206-44-0	Fluoranthene	680	U
129-00-0	Pyrene	680	U
85-68-7	Butylbenzylphthalate	680	U
91-94-1	3,3'-Dichlorobenzidine	1400	U
56-55-3	Benzo(a)Anthracene	680	U
218-01-9	Chrysene	680	U
117-81-7	Bis(2-Ethylhexyl)Phthalate	680	U
117-84-0	Di-n-Octyl Phthalate	680	U
205-99-2	Benzo(b)Fluoranthene	680	U
207-08-9	Benzo(k)Fluoranthene	680	U
50-32-8	Benzo(a)Pyrene	680	U
193-39-5	Indeno(1,2,3-cd)Pyrene	680	U
53-70-3	Dibenz(a,h)Anthracene	680	U
191-24-2	Benzo(g,h,i)Perylene	680	U

(1) - Cannot be separated from Diphenylamine

CM 5/1/90

BCL 001 1553

0693

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: RECRA ENVIRONMENTAL, INC.
Lab Code: RECNY Case No: 13269 SAS No:
Matrix (Soil/Water): SOIL
Sample wt/vol: 30.2 (g/ml): G
Level (low/med): LOW
Moisture not Dec: 3 Dec:
Extraction: (SepF/Cont/Sonc): SONC
IPC Cleanup: (Y/N): Y pH: 4.9
Number TICs Found: 4

EPA Sample No. BCF02
Contract: 68-W8-0047
SDG No: BCW96
Lab Sample Id: BCF02
Lab File Id: 3118X
Date Received: 12-07-89
Date Extracted: 12-09-89
Date Analyzed: 12-20-89
Dilution Factor: 1.00
Concentration Units:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	UNKNOWN	21.20	320	JN
2	SULFUR COMPOUND	25.87	380	JN
3	UNKNOWN	29.45	510	JR
4	UNKNOWN PERMANENT ACID	38.43	4600	JN
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BCL 001 1554

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE **723**

BCF03

Lab Name: RECRA ENVIRON Contract: 68-W8-0047
 Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96
 Matrix: (soil/water) SOIL Lab Sample ID: BCF03
 Sample wt/vol: 30.3 (g/mL) G Lab File ID: 3119X
 Level: (low/med) LOW Date Received: 12/07/89
 % Moisture: not dec. 22 dec. _____ Date Extracted: 12/09/89
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 12/20/89
 GPC Cleanup: (Y/N) Y pH: 4.5 Dilution Factor: 1.0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG 2

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	2
108-95-2	Phenol	840	U
111-44-4	bis(2-Chloroethyl) Ether	840	U
95-57-8	2-Chlorophenol	840	U
541-73-1	1,3-Dichlorobenzene	840	U
106-46-7	1,4-Dichlorobenzene	840	U
100-51-6	Benzyl Alcohol	840	U
95-50-1	1,2-Dichlorobenzene	840	U
95-48-7	2-Methylphenol	840	U
108-60-1	bis(2-Chloroisopropyl) Ether	840	U
106-44-5	4-Methylphenol	840	U
621-64-7	N-Nitroso-Di-n-Propylamine	840	U
67-72-1	Hexachloroethane	840	U
98-95-3	Nitrobenzene	840	U
78-59-1	Isophorone	840	UJ
88-75-5	2-Nitrophenol	840	U
105-67-9	2,4-Dimethylphenol	840	U
65-85-0	Benzoic Acid	4100	U
111-91-1	bis(2-Chloroethoxy) Methane	840	U
120-83-2	2,4-Dichlorophenol	840	U
120-82-1	1,2,4-Trichlorobenzene	840	U
91-20-3	Naphthalene	840	U
106-47-8	4-Chloroaniline	840	U
87-68-3	Hexachlorobutadiene	840	U
59-50-7	4-Chloro-3-Methylphenol	840	U
91-57-6	2-Methylnaphthalene	840	U
77-47-4	Hexachlorocyclopentadiene	840	U
88-06-2	2,4,6-Trichlorophenol	840	U
95-95-4	2,4,5-Trichlorophenol	4100	U
91-58-7	2-Chloronaphthalene	840	U
88-74-4	2-Nitroaniline	4100	U
131-11-3	Dimethyl Phthalate	840	U
208-96-8	Acenaphthylene	840	U
606-20-2	2,6-Dinitrotoluene	840	U

BCL 001 1555

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO: **0724**

BCF03

Lab Name: RECRA ENVIRON Contract: 68-W8-0047

Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96

Matrix: (soil/water) SOIL Lab Sample ID: BCF03

Sample wt/vol: 30.3 (g/mL) G Lab File ID: 3119X

Level: (low/med) LOW Date Received: 12/07/89

% Moisture: not dec. 22 dec. _____ Date Extracted: 12/09/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 12/20/89

GPC Cleanup: (Y/N) Y pH: 4.5 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2-----	3-Nitroaniline	4100	U
83-32-9-----	Acenaphthene	840	U
51-28-5-----	2,4-Dinitrophenol	4100	U ¹
100-02-7-----	4-Nitrophenol	4100	U
132-64-9-----	Dibenzofuran	840	U
121-14-2-----	2,4-Dinitrotoluene	840	U
84-66-2-----	Diethylphthalate	840	U
7005-72-3-----	4-Chlorophenyl-phenylether	840	U
86-73-7-----	Fluorene	840	U
100-01-6-----	4-Nitroaniline	4100	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	4100	U
86-30-6-----	N-Nitrosodiphenylamine (1)	840	U
101-55-3-----	4-Bromophenyl-phenylether	840	U
118-74-1-----	Hexachlorobenzene	840	U
87-86-5-----	Pentachlorophenol	4100	U
85-01-8-----	Phenanthrene	840	U
120-12-7-----	Anthracene	840	U
84-74-2-----	Di-n-Butylphthalate	840	U
206-44-0-----	Fluoranthene	840	U
129-00-0-----	Pyrene	840	U
85-68-7-----	Butylbenzylphthalate	840	U
91-94-1-----	3,3'-Dichlorobenzidine	1700	U
56-55-3-----	Benzo(a)Anthracene	840	U
218-01-9-----	Chrysene	840	U
117-81-7-----	Bis(2-Ethylhexyl) Phthalate	840	U
117-84-0-----	Di-n-Octyl Phthalate	840	U
205-99-2-----	Benzo(b) Fluoranthene	840	U
207-08-9-----	Benzo(k) Fluoranthene	840	U
50-32-8-----	Benzo(a) Pyrene	840	U
193-39-5-----	Indeno(1,2,3-cd) Pyrene	840	U
53-70-3-----	Dibenz(a,h) Anthracene	840	U
191-24-2-----	Benzo(g,h,i) Perylene	840	U

(1) - Cannot be separated from Diphenylamine

CM 5/1/90

BCL 001 1556

0725

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: RECRA ENVIRONMENTAL, INC. EPA Sample No. BCF03
 Contract: 68-W8-0047
 Lab Code: RECNY Case No: 13269 SAS No: SDG No: BCW96
 Matrix (Soil/Water): SOIL Lab Sample Id: BCF03
 Sample wt/vol: 30.3 (g/ml): G Lab File Id: 3119X
 Level (low/med): LOW Date Received: 12-07-89
 % Moisture not Dec: 22 Dec: Date Extracted: 12-09-89
 Extraction: (SepF/Cont/Sonc): SONC Date Analyzed: 12-20-89
 GPC Cleanup: (Y/N): Y pH: 4.5 Dilution Factor: 1.00
 Number TICs Found: 3 Concentration Units:
 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	UNKNOWN	29.47	440	JR
2	UNKNOWN	31.65	490	JN
3	UNKNOWN	38.53	8400	JN
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CM 4/30/90

BCL 001 1557

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCF04 0746

Lab Name: RECRA ENVIRON Contract: 68-W8-0047
 Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96
 Matrix: (soil/water) SOIL Lab Sample ID: BCF04
 Sample wt/vol: 30.7 (g/mL) G Lab File ID: 3120X
 Level: (low/med) LOW Date Received: 12/07/89
 % Moisture: not dec. 2 dec. _____ Date Extracted: 12/09/89
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 12/20/89
 GPC Cleanup: (Y/N) Y pH: 6.8 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

BCL 001 1558

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 07

BCF04

Lab Name: RECRA ENVIRON Contract: 68-W8-0047
 Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96
 Matrix: (soil/water) SOIL Lab Sample ID: BCF04
 Sample wt/vol: 30.7 (g/mL) G Lab File ID: 3120X
 Level: (low/med) LOW Date Received: 12/07/89
 % Moisture: not dec. 2 dec. _____ Date Extracted: 12/09/89
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 12/20/89
 GPC Cleanup: (Y/N) Y pH: 6.8 Dilution Factor: 1.0

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

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	UJ
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

BCL 001 1559

(1) - Cannot be separated from Diphenylamine

BCL 001 1560

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

0748

Lab Name: RECRA ENVIRONMENTAL, INC.
 Lab Code: RECN Case No: 13269 SAS No:
 Matrix (Soil/Water): SOIL
 Sample wt/vol: 30.7 (g/ml): G
 Level (low/med): LOW
 % Moisture not Dec: 2 Dec:
 Extraction: (SepF/Cont/Sonc): SONC
 GPC Cleanup: (Y/N): Y pH: 6.8
 Number TICs Found: 1

EPA Sample No. BCF04
 Contract: 68-W8-0047
 SDG No: BCW96
 Lab Sample Id: BCF04
 Lab File Id: 3120X
 Date Received: 12-07-89
 Date Extracted: 12-09-89
 Date Analyzed: 12-20-89
 Dilution Factor: 1.00
 Concentration Units:
 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	UNKNOWN	38.35	3800	JN
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FORM I VOA-TIC CM 5/1/90

BCL 001 1561

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 07

BCF05

Lab Name: RECRA ENVIRON Contract: 68-W8-0047
 Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96
 Matrix: (soil/water) SOIL Lab Sample ID: BCF05
 Sample wt/vol: 30.4 (g/mL) G Lab File ID: 3158X
 Level: (low/med) LOW Date Received: 12/07/89
 % Moisture: not dec. 3 dec. _____ Date Extracted: 12/09/89
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 01/02/90
 GPC Cleanup: (Y/N) Y pH: 6.8 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
108-95-2	Phenol	670	U
111-44-4	bis(2-Chloroethyl) Ether	670	U
95-57-8	2-Chlorophenol	670	U
541-73-1	1,3-Dichlorobenzene	670	U
106-46-7	1,4-Dichlorobenzene	670	U
100-51-6	Benzyl Alcohol	670	U
95-50-1	1,2-Dichlorobenzene	670	U
95-48-7	2-Methylphenol	670	U
108-60-1	bis(2-Chloroisopropyl) Ether	670	U
106-44-5	4-Methylphenol	670	U
621-64-7	N-Nitroso-Di-n-Propylamine	670	U
67-72-1	Hexachloroethane	670	U
98-95-3	Nitrobenzene	670	U
78-59-1	Isophorone	670	UJ
88-75-5	2-Nitrophenol	670	U
105-67-9	2,4-Dimethylphenol	670	U
65-85-0	Benzoic Acid	3200	WR
111-91-1	bis(2-Chloroethoxy) Methane	670	U
120-83-2	2,4-Dichlorophenol	670	U
120-82-1	1,2,4-Trichlorobenzene	670	U
91-20-3	Naphthalene	670	U
106-47-8	4-Chloroaniline	670	U
87-68-3	Hexachlorobutadiene	670	U
59-50-7	4-Chloro-3-Methylphenol	670	U
91-57-6	2-Methylnaphthalene	670	U
77-47-4	Hexachlorocyclopentadiene	670	U
88-06-2	2,4,6-Trichlorophenol	670	U
95-95-4	2,4,5-Trichlorophenol	3200	U
91-58-7	2-Chloronaphthalene	670	U
88-74-4	2-Nitroaniline	3200	U
131-11-3	Dimethyl Phthalate	670	U
208-96-8	Acenaphthylene	670	U
606-20-2	2,6-Dinitrotoluene	670	U

BCL 001 1562

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

0762

BCF05

Lab Name: RECRA ENVIRON Contract: 68-W8-0047
 Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96
 Matrix: (soil/water) SOIL Lab Sample ID: BCF05
 Sample wt/vol: 30.4 (g/mL) G Lab File ID: 3158X
 Level: (low/med) LOW Date Received: 12/07/89
 % Moisture: not dec. 3 dec. _____ Date Extracted: 12/09/89
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 01/02/90
 GPC Cleanup: (Y/N) Y pH: 6.8 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	670	U
51-28-5	2,4-Dinitrophenol	3200	UJ
100-02-7	4-Nitrophenol	3200	U
132-64-9	Dibenzofuran	670	U
121-14-2	2,4-Dinitrotoluene	670	U
84-66-2	Diethylphthalate	670	U
7005-72-3	4-Chlorophenyl-phenylether	670	U
86-73-7	Fluorene	670	U
100-01-6	4-Nitroaniline	3200	U
534-52-1	4,6-Dinitro-2-Methylphenol	3200	U
86-30-6	N-Nitrosodiphenylamine (1)	670	U
101-55-3	4-Bromophenyl-phenylether	670	U
118-74-1	Hexachlorobenzene	670	U
87-86-5	Pentachlorophenol	3200	U
85-01-8	Phenanthrene	670	U
120-12-7	Anthracene	670	U
84-74-2	Di-n-Butylphthalate	670	U
206-44-0	Fluoranthene	670	U
129-00-0	Pyrene	670	U
85-68-7	Butylbenzylphthalate	670	U
91-94-1	3,3'-Dichlorobenzidine	1300	U
56-55-3	Benzo(a)Anthracene	670	U
218-01-9	Chrysene	670	U
117-81-7	Bis(2-Ethylhexyl) Phthalate	670	U
117-84-0	Di-n-Octyl Phthalate	670	U
205-99-2	Benzo(b) Fluoranthene	670	U
207-08-9	Benzo(k) Fluoranthene	670	U
50-32-8	Benzo(a) Pyrene	670	U
193-39-5	Indeno(1,2,3-cd) Pyrene	670	U
53-70-3	Dibenz(a,h) Anthracene	670	U
191-24-2	Benzo(g,h,i) Perylene	670	U

(1) - Cannot be separated from Diphenylamine

CM 5/1/90

BCL 001 1563

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

0763

Lab Name: RECRA ENVIRONMENTAL, INC.	EPA Sample No. BCF05
Lab Code: RECNY Case No: 13269 SAS No:	Contract: 68-W8-0047
Matrix (Soil/Water): SOIL	SDG No: BCW96
Sample wt/vol: 30.4 (g/ml): G	Lab Sample Id: BCF05
Level (low/med): LOW	Lab File Id: 3158X
% Moisture not Dec: 3 Dec:	Date Received: 12-07-89
Extraction: (SepF/Cont/Sonc): SONC	Date Extracted: 12-09-89
GPC Cleanup: (Y/N): Y pH: 6.8	Date Analyzed: 01-02-90
Number TICs Found: 1	Dilution Factor: 1.00
	Concentration Units: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	UNKNOWN	29.23	310	BR
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BCL 001 1564

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO 0776

Lab Name: RECRA ENVIRON Contract: 68-W8-0047

BCF06

Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96

Matrix: (soil/water) SOIL Lab Sample ID: BCF06

Sample wt/vol: 30.5 (g/mL) G Lab File ID: 3159X

Level: (low/med) LOW Date Received: 12/08/89

% Moisture: not dec. 14 dec. _____ Date Extracted: 12/09/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 01/02/90

GPC Cleanup: (Y/N) Y pH: 4.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	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	UJ
88-75-5	2-Nitrophenol	760	U
105-67-9	2,4-Dimethylphenol	760	U
65-85-0	Benzoic Acid	3700	UR
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.

077

BCF06

Lab Name: RECRA ENVIRON Contract: 68-W8-0047
 Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96
 Matrix: (soil/water) SOIL Lab Sample ID: BCF06
 Sample wt/vol: 30.5 (g/mL) G Lab File ID: 3159X
 Level: (low/med) LOW Date Received: 12/08/89
 % Moisture: not dec. 14 dec. _____ Date Extracted: 12/09/89
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 01/02/90
 GPC Cleanup: (Y/N) Y pH: 4.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2	3-Nitroaniline	3700	U
83-32-9	Acenaphthene	760	U
51-28-5	2,4-Dinitrophenol	3700	UJ
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	760	U
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	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

CM 5/1/90

BCL 001 1566

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

0778

Lab Name: RECRA ENVIRONMENTAL, INC.	EPA Sample No. BCF06
Lab Code: RECNY Case No: 13269 SAS No:	Contract: 68-W8-0047
Matrix (Soil/Water): SOIL	SDG No: BCW96
Sample wt/vol: 30.5 (g/ml): G	Lab Sample Id: BCF06
Level (low/med): LOW	Lab File Id: 3159X
Moisture not Dec: 14 Dec:	Date Received: 12-08-89
Extraction: (SepF/Cont/Sonc): SONC	Date Extracted: 12-09-89
IPC Cleanup: (Y/N): Y pH: 4.0	Date Analyzed: 01-02-90
Number TICs Found: 2	Dilution Factor: 1.00
	Concentration Units: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	UNKNOWN	29.25	340	BR
2	UNKNOWN	31.40	510	J N
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BCL 001 1567

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

0798
EPA SAMPLE NO.

BCF07

Lab Name: RECRA ENVIRON Contract: 68-W8-0047

Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCV96

Matrix: (soil/water) SOIL Lab Sample ID: BCF07

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 3121X

Level: (low/med) LOW Date Received: 12/08/89

% Moisture: not dec. 13 dec. _____ Date Extracted: 12/09/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 12/20/89

GPC Cleanup: (Y/N) Y pH: 4.9 Dilution Factor: 1.0

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	UJ
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

BCL 001 1568

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

0799
EPA SAMPLE NO.

BCF07

Lab Name: RECRA ENVIRON Contract: 68-W8-0047

Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCV96

Matrix: (soil/water) SOIL Lab Sample ID: BCF07

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 3121X

Level: (low/med) LOW Date Received: 12/08/89

% Moisture: not dec. 13 dec. _____ Date Extracted: 12/09/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 12/20/89

GPC Cleanup: (Y/N) Y pH: 4.9 Dilution Factor: 1.0

CONCENTRATION UNITS:
(ug/L cr ug/Kg) UG/KG ?

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L cr ug/Kg) <u>UG/KG</u>	?
99-09-2	3-Nitroaniline	3700	U
83-32-9	Acenaphthene	750	U
51-28-5	2,4-Dinitrophenol	3700	UJ
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 42	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	750	U
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	750	U

(1) - Cannot be separated from Diphenylamine

CM 5/1/90

0800

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: RECRA ENVIRONMENTAL, INC.

EPA Sample No. BCF07

Lab Code: RECNY Case No: 13269 SAS No:

Contract: 68-W8-0047

Matrix (Soil/Water): SOIL

SDG No: BCW96

Sample wt/vol: 30.1 (g/ml): G

Lab Sample Id: BCF07

Level (low/med): LOW

Lab File Id: 3121X

% Moisture not Dec: 13 Dec:

Date Received: 12-08-89

Extraction: (SepF/Cont/Sonc): SONC

Date Extracted: 12-09-89

GPC Cleanup: (Y/N): Y pH: 5.0

Date Analyzed: 12-20-89

Number TICs Found: 3

Dilution Factor: 1.00

Concentration Units:

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	UNKNOWN	29.47	530	JR JN JN
2	UNKNOWN	31.63	590	
3	UNKNOWN	38.18	3200	
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BCL 001 1570

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

0924

BCF08

Lab Name: RECRA ENVIRON

Contract: 68-W8-0047

Lab Code: RECNY

Case No.: 13269

SAS No.: _____

SDG No.: BCW96

Matrix: (soil/water) SOIL

Lab Sample ID: BCF08

Sample wt/vol: 30.3 (g/mL) G

Lab File ID: 3122X

Level: (low/med) LOW

Date Received: 12/08/89

% Moisture: not dec. 2 dec. _____

Date Extracted: 12/09/89

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 12/20/89

GPC Cleanup: (Y/N) Y pH: 5.6

Dilution Factor: 1.0

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

CAS NO.

COMPOUND

2

108-95-2-----	Phenol	670	U
111-44-4-----	bis(2-Chloroethyl) Ether	670	U
95-57-8-----	2-Chlorophenol	670	U
541-73-1-----	1,3-Dichlorobenzene	670	U
106-46-7-----	1,4-Dichlorobenzene	670	U
100-51-6-----	Benzyl Alcohol	670	U
95-50-1-----	1,2-Dichlorobenzene	670	U
95-48-7-----	2-Methylphenol	670	U
108-60-1-----	bis(2-Chloroisopropyl) Ether	670	U
106-44-5-----	4-Methylphenol	670	U
621-64-7-----	N-Nitroso-Di-n-Propylamine	670	U
67-72-1-----	Hexachloroethane	670	U
98-95-3-----	Nitrobenzene	670	U
78-59-1-----	Isophorone	670	UJ
88-75-5-----	2-Nitrophenol	670	U
105-67-9-----	2,4-Dimethylphenol	670	U
65-85-0-----	Benzoic Acid	3200	U
111-91-1-----	bis(2-Chloroethoxy) Methane	670	U
120-83-2-----	2,4-Dichlorophenol	670	U
120-82-1-----	1,2,4-Trichlorobenzene	670	U
91-20-3-----	Naphthalene	670	U
106-47-8-----	4-Chloroaniline	670	U
87-68-3-----	Hexachlorobutadiene	670	U
59-50-7-----	4-Chloro-3-Methylphenol	670	U
91-57-6-----	2-Methylnaphthalene	670	U
77-47-4-----	Hexachlorocyclopentadiene	670	U
88-06-2-----	2,4,6-Trichlorophenol	670	U
95-95-4-----	2,4,5-Trichlorophenol	3200	U
91-58-7-----	2-Chloronaphthalene	670	U
88-74-4-----	2-Nitroaniline	3200	U
131-11-3-----	Dimethyl Phthalate	670	U
208-96-8-----	Acenaphthylene	670	U
606-20-2-----	2,6-Dinitrotoluene	670	U

BCL 001 1571

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

0925
EPA SAMPLE NO.

BCF08

Lab Name: RECRA ENVIRON Contract: 68-W8-0047
 Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96
 Matrix: (soil/water) SOIL Lab Sample ID: BCF08
 Sample wt/vol: 30.3 (g/mL) G Lab File ID: 3122X
 Level: (low/med) LOW Date Received: 12/08/89
 % Moisture: not dec. 2 dec. _____ Date Extracted: 12/09/89
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 12/20/89
 GPC Cleanup: (Y/N) Y pH: 5.6 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	670	U
51-28-5-----	2,4-Dinitrophenol	3200	UJ
100-02-7-----	4-Nitrophenol	3200	U
132-64-9-----	Dibenzofuran	670	U
121-14-2-----	2,4-Dinitrotoluene	670	U
84-66-2-----	Diethylphthalate	670	U
7005-72-3-----	4-Chlorophenyl-phenylether	670	U
86-73-7-----	Fluorene	670	U
100-01-6-----	4-Nitroaniline	3200	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	3200	U
86-30-6-----	N-Nitrosodiphenylamine (1)	670	U
101-55-3-----	4-Bromophenyl-phenylether	670	U
118-74-1-----	Hexachlorobenzene	670	U
87-86-5-----	Pentachlorophenol	3200	U
85-01-8-----	Phenanthrene	670	U
120-12-7-----	Anthracene	670	U
84-74-2-----	Di-n-Butylphthalate	670	U
206-44-0-----	Fluoranthene	670	U
129-00-0-----	Pyrene	670	U
85-68-7-----	Butylbenzylphthalate	670	U
91-94-1-----	3,3'-Dichlorobenzidine	1300	U
56-55-3-----	Benzo(a)Anthracene	670	U
218-01-9-----	Chrysene	670	U
117-81-7-----	Bis(2-Ethylhexyl)Phthalate	670	U
117-84-0-----	Di-n-Octyl Phthalate	670	U
205-99-2-----	Benzo(b)Fluoranthene	670	U
207-08-9-----	Benzo(k)Fluoranthene	670	U
50-32-8-----	Benzo(a)Pyrene	670	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	670	U
53-70-3-----	Dibenz(a,h)Anthracene	670	U
191-24-2-----	Benzo(g,h,i)Perylene	670	U

(1) - Cannot be separated from Diphenylamine

CH 5/1/90

BCL 001 1572

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

0826

Lab Name: RECRA ENVIRONMENTAL, INC.
 Lab Code: RECNY Case No: 13269 SAS No:
 Matrix (Soil/Water): SOIL
 Sample wt/vol: 30.3 (g/ml): G
 Level (low/med): LOW
 % Moisture not Dec: 2 Dec:
 Extraction: (SepF/Cont/Sonc): SONC
 GPC Cleanup: (Y/N): Y pH: 5.6
 Number TICs Found: 1

EPA Sample No. BCF08
 Contract: 68-W8-0047
 SDG No: BCW96
 Lab Sample Id: BCF08
 Lab File Id: 3122X
 Date Received: 12-08-89
 Date Extracted: 12-09-89
 Date Analyzed: 12-20-89
 Dilution Factor: 1.00
 Concentration Units:
 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	UNKNOWN FORMALIC ACID	38.37	4200	JN
2				
3				
4				
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

0942

BCF09 *FB*

Lab Name: RECRA ENVIRON Contract: 68-W8-0047
 Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96
 Matrix: (soil/water) WATER Lab Sample ID: BCF09
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: 689W
 Level: (low/med) LOW Date Received: 12/09/89
 % Moisture: not dec. _____ dec. _____ Date Extracted: 12/12/89
 Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 12/13/89
 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

BCL 001 1574

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

0843
BCF09 FB

Lab Name: RECRA ENVIRON Contract: 68-W8-0047
 Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96
 Matrix: (soil/water) WATER Lab Sample ID: BCF09
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: 689W
 Level: (low/med) LOW Date Received: 12/09/89
 % Moisture: not dec. _____ dec. _____ Date Extracted: 12/12/89
 Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 12/13/89
 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

BCL 001 1575

0844

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: RECRA ENVIRONMENTAL, INC.

EPA Sample No. BCF09 FE

Lab Code: RECNY Case No: 13269 SAS No:

Contract: 68-W8-0047

Matrix (Soil/Water): WATER

SDG No: BCW96

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

Lab Sample Id: BCF09

Level (low/med): LOW

Lab File Id: 689W

% Moisture not Dec: Dec:

Date Received: 12-09-89

Extraction: (SepF/Cont/Sonc): SEPF

Date Extracted: 12-12-89

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

Date Analyzed: 12-13-89

Number TICs Found: 13

Dilution Factor: 1.00

Concentration Units:

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	UNKNOWN	22.57	11	JUN ↓
2	UNKNOWN	22.83	28	
3	UNKNOWN	25.18	1500	
4	UNKNOWN	25.80	24	
5	UNKNOWN	26.10	12	
6	UNKNOWN	27.43	33	
7	UNKNOWN	28.32	47	
8	UNKNOWN	29.28	22	
9	UNKNOWN	31.12	20	
10	UNKNOWN	31.25	34	
11	UNKNOWN	32.65	33	
12	UNKNOWN	33.88	43	
13	UNKNOWN	36.38	26	
14				BCL 001 1576
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FORM I VOA-TIC

CM 5/18/90

RECEIVED

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 7897

BCF10

Lab Name: RECRA ENVIRON Contract: 68-W8-0047

Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96

Matrix: (soil/water) SOIL Lab Sample ID: BCF10

Sample wt/vol: 30.3 (g/mL) G Lab File ID: 3126X

Level: (low/med) LOW Date Received: 12/09/89

% Moisture: not dec. 3 dec. _____ Date Extracted: 12/16/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 12/26/89

GPC Cleanup: (Y/N) Y pH: 7.4 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	?
108-95-2	Phenol	670	UJ
111-44-4	bis(2-Chloroethyl) Ether	670	U
95-57-8	2-Chlorophenol	670	U
541-73-1	1,3-Dichlorobenzene	670	U
106-46-7	1,4-Dichlorobenzene	670	U
100-51-6	Benzyl Alcohol	670	U
95-50-1	1,2-Dichlorobenzene	670	U
95-48-7	2-Methylphenol	670	U
108-60-1	bis(2-Chloroisopropyl) Ether	670	U
106-44-5	4-Methylphenol	670	U
621-64-7	N-Nitroso-Di-n-Propylamine	670	U
67-72-1	Hexachloroethane	670	U
98-95-3	Nitrobenzene	670	U
78-59-1	Isophorone	670	U
88-75-5	2-Nitrophenol	670	U
105-67-9	2,4-Dimethylphenol	670	U
65-85-0	Benzoic Acid	3300	U
111-91-1	bis(2-Chloroethoxy) Methane	670	U
120-83-2	2,4-Dichlorophenol	670	U
120-82-1	1,2,4-Trichlorobenzene	670	U
91-20-3	Naphthalene	670	U
106-47-8	4-Chloroaniline	670	U
87-68-3	Hexachlorobutadiene	670	U
59-50-7	4-Chloro-3-Methylphenol	670	U
91-57-6	2-Methylnaphthalene	670	U
77-47-4	Hexachlorocyclopentadiene	670	U
88-06-2	2,4,6-Trichlorophenol	670	U
95-95-4	2,4,5-Trichlorophenol	3300	U
91-58-7	2-Chloronaphthalene	670	U
88-74-4	2-Nitroaniline	3300	U
131-11-3	Dimethyl Phthalate	670	U
208-96-8	Acenaphthylene	670	U
606-20-2	2,6-Dinitrotoluene	670	U

BCL 001 1577

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 0.9

BCF10

Lab Name: RECRA ENVIRON Contract: 68-W8-0047
 Lab Code: RECN Case No.: 13269 SAS No.: _____ SDG No.: BCW96
 Matrix: (soil/water) SOIL Lab Sample ID: BCF10
 Sample wt/vol: 30.3 (g/mL) G Lab File ID: 3126X
 Level: (low/med) LOW Date Received: 12/09/89
 % Moisture: not dec. 3 dec. _____ Date Extracted: 12/16/89
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 12/26/89
 GPC Cleanup: (Y/N) Y pH: 7.4 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2	3-Nitroaniline	3300	UJ
83-32-9	Acenaphthene	670	U
51-28-5	2,4-Dinitrophenol	3300	U
100-02-7	4-Nitrophenol	3300	U
132-64-9	Dibenzofuran	670	U
121-14-2	2,4-Dinitrotoluene	670	U
84-66-2	Diethylphthalate	670	U
7005-72-3	4-Chlorophenyl-phenylether	670	U
86-73-7	Fluorene	670	U
100-01-6	4-Nitroaniline	3300	U
534-52-1	4,6-Dinitro-2-Methylphenol	3300	U
86-30-6	N-Nitrosodiphenylamine (1)	670	U
101-55-3	4-Bromophenyl-phenylether	670	U
118-74-1	Hexachlorobenzene	670	U
87-86-5	Pentachlorophenol	3300	U
85-01-8	Phenanthrene	670	U
120-12-7	Anthracene	670	UV
84-74-2	Di-n-Butylphthalate	670	U
206-44-0	Fluoranthene	670	UJ
129-00-0	Pyrene	670	U
85-68-7	Butylbenzylphthalate	670	U
91-94-1	3,3'-Dichlorobenzidine	1300	U
56-55-3	Benzo(a)Anthracene	670	U
218-01-9	Chrysene	670	U
117-81-7	Bis(2-Ethylhexyl)Phthalate	670	U
117-84-0	Di-n-Octyl Phthalate	670	U
205-99-2	Benzo(b)Fluoranthene	670	U
207-08-9	Benzo(k)Fluoranthene	670	U
50-32-8	Benzo(a)Pyrene	670	U
193-39-5	Indeno(1,2,3-cd)Pyrene	670	U
53-70-3	Dibenz(a,h)Anthracene	670	U
191-24-2	Benzo(g,h,i)Perylene	670	U

(1) - Cannot be separated from Diphenylamine

CM 5/1/90

BCL 001 1578

0899

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: RECRA ENVIRONMENTAL, INC.
Lab Code: RECNY Case No: 13269 SAS No:
Matrix (Soil/Water): SOIL
Sample wt/vol: 30.3 (g/ml): G
Level (low/med): LOW
% Moisture not Dec: 3 Dec:
Extraction: (SepF/Cont/Sonc): SONC
GPC Cleanup: (Y/N): Y pH: 7.4
Number TICs Found: 4

EPA Sample No. BCF10
Contract: 68-W8-0047
SDG No: BCW96
Lab Sample Id: BCF10
Lab File Id: 3126X
Date Received: 12-09-89
Date Extracted: 12-16-89
Date Analyzed: 12-26-89
Dilution Factor: 1.00
Concentration Units: ⁵⁶ 7/25/90
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	UNKNOWN	21.20	280	JR
2	UNKNOWN	29.47	590	JR
3	UNKNOWN	30.82	430	JR
4	UNKNOWN	38.03	1800	JN
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BCL 001 1579

FORM I VOA-TIC

5/18/90

RECEIVED

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 091

BCF11

Lab Name: RECRA ENVIRON Contract: 68-W8-0047
 Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BC 196
 Matrix: (soil/water) SOIL Lab Sample ID: BCF11
 Sample wt/vol: 30.6 (g/mL) G Lab File ID: 3127X
 Level: (low/med) LOW Date Received: 12/09/89
 % Moisture: not dec. 16 dec. _____ Date Extracted: 12/16/89
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 12/26/89
 GPC Cleanup: (Y/N) Y pH: 6.2 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	2
108-95-2	Phenol	770	UJ
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

BCL 001 1580

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

0920

Lab Name: RECRA ENVIRON Contract: 68-W8-0047
 Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96
 Matrix: (soil/water) SOIL Lab Sample ID: BCF11
 Sample wt/vol: 30.6 (g/mL) G Lab File ID: 3127X
 Level: (low/med) LOW Date Received: 12/09/89
 % Moisture: not dec. 16 dec. _____ Date Extracted: 12/16/89
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 12/26/89
 GPC Cleanup: (Y/N) Y pH: 6.2 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	3700	UJ
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	170	J
7005-72-3	4-Chlorophenyl-phenylether	770	UJ
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	770	U
206-44-0	Fluoranthene	770	UJ
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	770	U

(1) - Cannot be separated from Diphenylamine

CM 5/1/90

BCL 001 1581

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

0921

Lab Name: RECRA ENVIRONMENTAL, INC.
 Lab Code: RECNY Case No: 13269 SAS No:
 Matrix (Soil/Water): SOIL
 Sample wt/vol: 30.6 (g/ml): G
 Level (low/med): LOW
 ‡ Moisture not Dec: 16 Dec:
 Extraction: (SepF/Cont/Sonc): SONC
 GPC Cleanup: (Y/N): Y pH: 6.2
 Number TICs Found: 2

EPA Sample No. BCF11
 Contract: 68-W8-0047
 SDG No: BCW96
 Lab Sample Id: BCF11
 Lab File Id: 3127X
 Date Received: 12-09-89
 Date Extracted: 12-16-89
 Date Analyzed: 12-26-89
 Dilution Factor: 1.00
 Concentration Units:
 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	UNKNOWN	30.83	2300	R JN
2	UNKNOWN	38.23	5600	
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BCL 001 1582

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

0944

BCW96 FB

Lab Name: RECRA ENVIRON Contract: 68-W8-0047
 Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96
 Matrix: (soil/water) WATER Lab Sample ID: BCW96
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: 3244Y
 Level: (low/med) LOW Date Received: 12/05/89
 % Moisture: not dec. _____ dec. _____ Date Extracted: 12/06/89
 Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 12/08/89
 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	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

BCL 001 1583

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 4

BCW96 FB

Lab Name: RECRA ENVIRON Contract: 68-W8-0047
 Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96
 Matrix: (soil/water) WATER Lab Sample ID: BCW96
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: 3244Y
 Level: (low/med) LOW Date Received: 12/05/89
 % Moisture: not dec. _____ dec. _____ Date Extracted: 12/06/89
 Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 12/03/89
 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	Q
99-09-2-----	3-Nitroaniline	50	J
83-32-9-----	Acenaphthene	10	J
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

BCL 001 1584

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

0946

Lab Name: RECRA ENVIRONMENTAL, INC.
 Lab Code: RECNY Case No: 13269 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): SEPF
 GPC Cleanup: (Y/N): N pH: 7.0
 Number TICs Found: 0

EPA Sample No. BCW96 F8
 Contract: 68-W8-0047
 SDG No: BCW96
 Lab Sample Id: BCW96
 Lab File Id: 3244Y
 Date Received: 12-05-89
 Date Extracted: 12-06-89
 Date Analyzed: 12-08-89
 Dilution Factor: 1.00
 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. 0955

BCW97

Lab Name: RECRA ENVIRON Contract: 68-W8-0047

Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96

Matrix: (soil/water) SOIL Lab Sample ID: BCW97

Sample wt/vol: 30.6 (g/mL) G Lab File ID: 3094X

Level: (low/med) LOW Date Received: 12/05/89

% Moisture: not dec. 3 dec. _____ Date Extracted: 12/06/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 12/16/89

GPC Cleanup: (Y/N) Y pH: 5.1 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
108-95-2	Phenol	670	U
111-44-4	bis(2-Chloroethyl) Ether	670	U
95-57-8	2-Chlorophenol	670	U
541-73-1	1,3-Dichlorobenzene	670	U
106-46-7	1,4-Dichlorobenzene	670	U
100-51-6	Benzyl Alcohol	670	U
95-50-1	1,2-Dichlorobenzene	670	U
95-48-7	2-Methylphenol	670	U
108-60-1	bis(2-Chloroisopropyl) Ether	670	U
106-44-5	4-Methylphenol	670	U
621-64-7	N-Nitroso-Di-n-Propylamine	670	U
67-72-1	Hexachloroethane	670	U
98-95-3	Nitrobenzene	670	U
78-59-1	Isophorone	670	U ³
88-75-5	2-Nitrophenol	670	U
105-67-9	2,4-Dimethylphenol	670	U
65-85-0	Benzoic Acid	3200	U
111-91-1	bis(2-Chloroethoxy) Methane	670	U
120-83-2	2,4-Dichlorophenol	670	U
120-82-1	1,2,4-Trichlorobenzene	670	U
91-20-3	Naphthalene	670	U
106-47-8	4-Chloroaniline	670	U
87-68-3	Hexachlorobutadiene	670	U
59-50-7	4-Chloro-3-Methylphenol	670	U
91-57-6	2-Methylnaphthalene	670	U
77-47-4	Hexachlorocyclopentadiene	670	U
88-06-2	2,4,6-Trichlorophenol	670	U
95-95-4	2,4,5-Trichlorophenol	3200	U
91-58-7	2-Chloronaphthalene	670	U
88-74-4	2-Nitroaniline	3200	U
131-11-3	Dimethyl Phthalate	670	U
208-96-8	Acenaphthylene	670	U
606-20-2	2,6-Dinitrotoluene	670	U

BCL 001 1586

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

0956
EPA SAMPLE NO.

BCW97

Lab Name: RECRA ENVIRON Contract: 68-W8-0047

Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96

Matrix: (soil/water) SOIL Lab Sample ID: BCW97

Sample wt/vol: 30.6 (g/mL) G Lab File ID: 3094X

Level: (low/med) LOW Date Received: 12/05/89

% Moisture: not dec. 3 dec. _____ Date Extracted: 12/06/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 12/16/89

GPC Cleanup: (Y/N) Y pH: 5.1 Dilution 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	670	U
51-28-5-----	2,4-Dinitrophenol	3200	U
100-02-7-----	4-Nitrophenol	3200	U
132-64-9-----	Dibenzofuran	670	U
121-14-2-----	2,4-Dinitrotoluene	670	U
84-66-2-----	Diethylphthalate	670	U
7005-72-3-----	4-Chlorophenyl-phenylether	670	U
86-73-7-----	Fluorene	670	U
100-01-6-----	4-Nitroaniline	3200	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	3200	U
86-30-6-----	N-Nitrosodiphenylamine (1)	670	U
101-55-3-----	4-Bromophenyl-phenylether	670	U
118-74-1-----	Hexachlorobenzene	670	U
87-86-5-----	Pentachlorophenol	3200	U
85-01-8-----	Phenanthrene	670	U
120-12-7-----	Anthracene	670	U
84-74-2-----	Di-n-Butylphthalate	920	U
206-44-0-----	Fluoranthene	670	U
129-00-0-----	Pyrene	670	U
85-68-7-----	Butylbenzylphthalate	670	U
91-94-1-----	3,3'-Dichlorobenzidine	1300	U
56-55-3-----	Benzo(a)Anthracene	670	U
218-01-9-----	Chrysene	670	U
117-81-7-----	Bis(2-Ethylhexyl)Phthalate	670	U
117-84-0-----	Di-n-Octyl Phthalate	670	U
205-99-2-----	Benzo(b)Fluoranthene	670	U
207-08-9-----	Benzo(k)Fluoranthene	670	U
50-32-8-----	Benzo(a)Pyrene	670	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	670	U
53-70-3-----	Dibenz(a,h)Anthracene	670	U
191-24-2-----	Benzo(g,h,i)Perylene	670	U

(1) - Cannot be separated from Diphenylamine

CM 5/1/90

BCL 001 1587

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE 20177

BCW98

Lab Name: RECRA ENVIRON Contract: 68-W8-0047

Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96

Matrix: (soil/water) SOIL Lab Sample ID: BCW98

Sample wt/vol: 30.5 (g/mL) G Lab File ID: 3092X

Level: (low/med) LOW Date Received: 12/06/89

% Moisture: not dec. 20 dec. _____ Date Extracted: 12/09/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 12/16/89

GPC Cleanup: (Y/N) Y pH: 5.7 Dilution Factor: 1.0

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	UJ
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

BCL 001 1589

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 0978

BCW98

Lab Name: RECRA ENVIRON Contract: 68-W8-0047

Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96

Matrix: (soil/water) SOIL Lab Sample ID: BCW98

Sample wt/vol: 30.5 (g/mL) G Lab File ID: 3092X

Level: (low/med) LOW Date Received: 12/06/89

% Moisture: not dec. 20 dec. _____ Date Extracted: 12/09/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 12/16/89

GPC Cleanup: (Y/N) Y pH: 5.7 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

BCL 001 1590

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

0979

Lab Name: RECRA ENVIRONMENTAL, INC.
 Lab Code: RECNY Case No: 13269 SAS No:
 Matrix (Soil/Water): SOIL
 Sample wt/vol: 30.5 (g/ml): G
 Level (low/med): LOW
 % Moisture not Dec: 20 Dec:
 Extraction: (SepF/Cont/Sonc): SONC
 GPC Cleanup: (Y/N): Y pH: 5.7
 Number TICs Found: 4

EPA Sample No. BCW98
 Contract: 68-W8-0047
 SDG No: BCW96
 Lab Sample Id: BCW98
 Lab File Id: 3092X
 Date Received: 12-06-89
 Date Extracted: 12-09-89
 Date Analyzed: 12-16-89
 Dilution Factor: 1.00
 Concentration Units:
 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	UNKNOWN	21.25	340	JN
2	UNKNOWN	29.52	650	JR
3	UNKNOWN	31.08	770	JN
4	UNKNOWN	34.68	1500	JN
5				
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CM 5/1/90

BCL 001 1591

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

101
BCW99

Lab Name: RECRA ENVIRON Contract: 68-W8-0047
 Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96
 Matrix: (soil/water) SOIL Lab Sample ID: BCW99
 Sample wt/vol: 30.5 (g/mL) G Lab File ID: 3091X
 Level: (low/med) LOW Date Received: 12/06/89
 % Moisture: not dec. 1 dec. _____ Date Extracted: 12/09/89
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 12/16/89
 GPC Cleanup: (Y/N) Y pH: 5.2 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	<u>Q</u>
108-95-2	Phenol	660	U
111-44-4	bis(2-Chloroethyl) Ether	660	UU
95-57-8	2-Chlorophenol	660	UU
541-73-1	1,3-Dichlorobenzene	660	UU
106-46-7	1,4-Dichlorobenzene	660	UU
100-51-6	Benzyl Alcohol	660	UU
95-50-1	1,2-Dichlorobenzene	660	UU
95-48-7	2-Methylphenol	660	UU
108-60-1	bis(2-Chloroisopropyl) Ether	660	UU
106-44-5	4-Methylphenol	660	UU
621-64-7	N-Nitroso-Di-n-Propylamine	660	UU
67-72-1	Hexachloroethane	660	UU
98-95-3	Nitrobenzene	660	UU
78-59-1	Isophorone	660	UUJ
88-75-5	2-Nitrophenol	660	UU
105-67-9	2,4-Dimethylphenol	660	UU
65-85-0	Benzoic Acid	3200	UU
111-91-1	bis(2-Chloroethoxy) Methane	660	UU
120-83-2	2,4-Dichlorophenol	660	UU
120-82-1	1,2,4-Trichlorobenzene	660	UU
91-20-3	Naphthalene	660	UU
106-47-8	4-Chloroaniline	660	UU
87-68-3	Hexachlorobutadiene	660	UU
59-50-7	4-Chloro-3-Methylphenol	660	UU
91-57-6	2-Methylnaphthalene	660	UU
77-47-4	Hexachlorocyclopentadiene	660	UU
88-06-2	2,4,6-Trichlorophenol	660	UU
95-95-4	2,4,5-Trichlorophenol	3200	UU
91-58-7	2-Chloronaphthalene	660	UU
88-74-4	2-Nitroaniline	3200	UU
131-11-3	Dimethyl Phthalate	660	UU
208-96-8	Acenaphthylene	660	UU
606-20-2	2,6-Dinitrotoluene	660	UU

BCL 001 1592

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCW99 1005

Lab Name: RECRA ENVIRON Contract: 68-W8-0047

Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96

Matrix: (soil/water) SOIL Lab Sample ID: BCW99

Sample wt/vol: 30.5 (g/mL) G Lab File ID: 3091X

Level: (low/med) LOW Date Received: 12/06/89

% Moisture: not dec. 1 dec. _____ Date Extracted: 12/09/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 12/16/89

GPC Cleanup: (Y/N) Y pH: 5.2 Dilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(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

BCL 001 1593

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

1006

Lab Name: RECRA ENVIRONMENTAL, INC.	EPA Sample No. BCW99
Lab Code: RECNY Case No: 13269 SAS No:	Contract: 68-W8-0047
Matrix (Soil/Water): SOIL	SDG No: BCW96
Sample wt/vol: 30.5 (g/ml): G	Lab Sample Id: BCW99
Level (low/med): LOW	Lab File Id: 3091X
% Moisture not Dec: 1 Dec:	Date Received: 12-06-89
Extraction: (SepF/Cont/Sonc): SONC	Date Extracted: 12-09-89
GPC Cleanup: (Y/N): Y pH: 5.2	Date Analyzed: 12-16-89
Number TICs Found: 3	Dilution Factor: 1.00
	Concentration Units: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	UNKNOWN	21.27	570	JN
2	UNKNOWN	29.53	360	JN
3	UNKNOWN	40.50	350	JN
4				
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BCL 001 1594

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK93 1235

Lab Name: RECRA ENVIRON Contract: 68-W8-0047

Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BC 96

Matrix: (soil/water) WATER Lab Sample ID: SBLK93

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 3241Y

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

% Moisture: not dec. _____ dec. _____ Date Extracted: 12/06/89

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 12/08/89

SPC 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	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

BCL 001 1595

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK93 **123b**

Lab Name: RECRA ENVIRON Contract: 68-W8-0047
 Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96
 Matrix: (soil/water) WATER Lab Sample ID: SBLK93
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: 3241Y
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. _____ dec. _____ Date Extracted: 12/06/89
 Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 12/08/89
 GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

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

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

BCL 001 1596

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

1237

Lab Name: RECRA ENVIRONMENTAL, INC.	EPA Sample No. SBLK93
Lab Code: RECN Y Case No: 13269 SAS No:	Contract: 68-W8-0047
Matrix (Soil/Water): WATER	SDG No: BCW96
Sample wt/vol: 1000 (g/ml): ML	Lab Sample Id: SBLK93
Level (low/med): LOW	Lab File Id: 3241Y
Moisture not Dec: Dec:	Date Received:
Extraction: (SepF/Cont/Sonc): SEPF	Date Extracted: 12-06-89
DOC Cleanup: (Y/N): N pH: 7.0	Date Analyzed: 12-08-89
Number TICs Found: 0	Dilution Factor: 1.00
	Concentration Units: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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BCL 001 1597

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK50 **1246**

Lab Name: RECRA ENVIRON Contract: 68-W8-0047
 Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96
 Matrix: (soil/water) SOIL Lab Sample ID: SBLK50
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: 3093X
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. _____ dec. _____ Date Extracted: 12/06/89
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 12/16/89
 GPC Cleanup: (Y/N) Y pH: 7.0 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	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

BCL 001 1598

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE **1247**

SBLK50

Lab Name: RECRA ENVIRON Contract: 68-W8-0047

Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96

Matrix: (soil/water) SOIL Lab Sample ID: SBLK50

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 3093X

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

% Moisture: not dec. _____ dec. _____ Date Extracted: 12/06/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 12/16/89

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	2000	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

BCL 001 1599

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

1248

Lab Name: RECRA ENVIRONMENTAL, INC.	EPA Sample No. SBLK50
Lab Code: RECN Y Case No: 13269 SAS No:	Contract: 68-W8-0047
Matrix (Soil/Water): SOIL	SDG No: BCW96
Sample wt/vol: 30.0 (g/ml): G	Lab Sample Id: SBLK50
Level (low/med): LOW	Lab File Id: 3093X
% Moisture not Dec: Dec:	Date Received:
Extraction: (SepF/Cont/Sonc): SONC	Date Extracted: 12-06-89
GPC Cleanup: (Y/N): Y pH: 7.0	Date Analyzed: 12-16-89
Number TICs Found: 4	Dilution Factor: 1.00
	Concentration Units: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	UNKNOWN	21.28	650	J
2	SULFUR COMPOUND	25.97	430	J
3	UNKNOWN	29.55	2100	J
4	UNKNOWN	34.62	1400	J
5				
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BCL 001 1600

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK56 1276

Lab Name: RECRA ENVIRON Contract: 68-W8-0047
 Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96
 Matrix: (soil/water) SOIL Lab Sample ID: SBLK56
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: 3157X
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. _____ dec. _____ Date Extracted: 12/16/89
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 01/02/90
 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

ECL 001 1601

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 1277

SBLK55

Lab Name: RECRA ENVIRON Contract: 68-W8-0047
 Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96
 Matrix: (soil/water) SOIL Lab Sampl. ID: SB: K56
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: 3157X
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. _____ dec. _____ Date Extracted: 12 16/89
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 01 02/90
 GPC Cleanup: (Y/N) Y pH: 7.0 Dilution factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION U ITS: (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	140	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

BCL 001 1602

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

1278

Lab Name: RECRA ENVIRONMENTAL, INC.

EPA Sample No. SBLK56

Lab Code: RECNY Case No: 13269 SAS No:

Contract: 68-W8-0047

Matrix (Soil/Water): SOIL

SDG No: BCW96

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

Lab Sample Id: SBLK56

Level (low/med): LOW

Lab File Id: 3157X

Moisture not Dec: Dec:

Date Received:

Extraction: (SepF/Cont/Sonc): SONC

Date Extracted: 12-16-89

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

Date Analyzed: 01-02-8990

Number TICs Found: 3

Dilution Factor: 1.00 (V.D. 1/42)

Concentration Units:

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	UNKNOWN	21.00	800	J
2	UNKNOWN	29.25	1600	J
3	UNKNOWN	30.68	360	J
4				
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BCL 001 1603

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

130

SBLK48

Lab Name: RECRA ENVIRON Contract: 68-W8-0047
 Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96
 Matrix: (soil/water) WATER Lab Sampl ID: SBLK48
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: 816W
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. _____ dec. _____ Date Extracted: 12/12/89
 Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 01/03/90
 GPC Cleanup: (Y/N) N pH: 7.0 Dilution factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION U. ITS: (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

BCL 001 1604

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

1303

SELK48

Lab Name: RECRA ENVIRON Contract: 68-W8-0047

Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96

Matrix: (soil/water) WATER Lab Sample ID: SBLK48

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 816W

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

% Moisture: not dec. _____ dec. _____ Date Extracted: 12/12/89

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 01/03/90

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

CONCENTRATION U ITS:
(ug/L or ug/Kg) JG/L

CAS NO. COMPOUND 2

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

BCL 001 1605

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

136

Lab Name: RECRA ENVIRONMENTAL, INC.

EPA Sample No. SBLK48

Lab Code: RECNY Case No: 13269 SAS No:

Contract: 68-W8-0047

Matrix (Soil/Water): WATER

SDG No: BCW96

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

Lab Sample Id: SBLK48

Level (low/med): LOW

Lab File Id: 816W

% Moisture not Dec: Dec:

Date Received:

Extraction: (SepF/Cont/Sonc): SEPF

Date Extracted: 12-12-89

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

Date Analyzed: 01-03-89 90

Number TICs Found: 1

Dilution Factor: 1.00 (V_D + V_{1/2})

Concentration Units:

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	UNKNOWN	24.97	120	J
2				
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK58

1317

Lab Name: RECRA ENVIRON Contract: 68-W8-0047
 Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96
 Matrix: (soil/water) SOIL Lab Sample ID: SBLK58
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: 3169X
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. _____ dec. _____ Date Extracted: 12/09/89
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 01/04/90
 GPC Cleanup: (Y/N) Y pH: 7.0 Dilution Factor: 1.0

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

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

BCL 001 1607

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

1318
SBLK58

Lab Name: RECRA ENVIRON Contract: 68-W8-0047

Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96

Matrix: (soil/water) SOIL Lab Sample ID: SBLK58

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 3169X

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

% Moisture: not dec. _____ dec. _____ Date Extracted: 12/09/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 01/04/90

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

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

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	100	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

BCL 001 1608

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

1319

Lab Name: RECRA ENVIRONMENTAL, INC.
 Lab Code: RECNY Case No: 13269 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): SONC
 GPC Cleanup: (Y/N): Y pH: 7.0
 Number TICs Found: 1

EPA Sample No. SBLK58
 Contract: 68-W8-0047
 SDG No: BCW96
 Lab Sample Id: SBLK58
 Lab File Id: 3169X
 Date Received:
 Date Extracted: 12-09-89
 Date Analyzed: 01-04-89⁹⁰
 Dilution Factor: 1.00 (YDN YUFR)
 Concentration Units:
 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1	UNKNOWN	29.30	640	J
2				
3				
4				
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BCL 001 1609

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE 1033

BCF01MS

Lab Name: RECRA ENVIRON Contract: 68-W8-0047

Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96

Matrix: (soil/water) SOIL Lab Sample ID: BCF01MS

Sample wt/vol: 30.4 (g/mL) G Lab File ID: 3116X

Level: (low/med) LOW Date Received: 12/06/89

% Moisture: not dec. 19 dec. _____ Date Extracted: 12/09/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 12/20/89

GPC Cleanup: (Y/N) Y pH: 5.2 Dilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>UG/KG</u>	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	81	J
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

BCL 001 1610

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. **1336**

BCF01MS

Lab Name: RECRA ENVIRON Contract: 68-W8-0047

Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96

Matrix: (soil/water) SOIL Lab Sample ID: BCF01MS

Sample wt/vol: 30.4 (g/mL) G Lab File ID: 3116X

Level: (low/med) LOW Date Received: 12/06/89

Moisture: not dec. 19 dec. _____ Date Extracted: 12/09/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 12/20/89

GPC Cleanup: (Y/N) Y pH: 5.2 Dilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG 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	800	U
120-12-7-----Anthracene	800	U
84-74-2-----Di-n-Butylphthalate	130	BJ
206-44-0-----Fluoranthene	800	U
129-00-0-----Pyrene	800	U
85-68-7-----Butylbenzylphthalate	800	U
91-94-1-----3,3'-Dichlorobenzidine	1600	U
56-55-3-----Benzo(a)Anthracene	800	U
218-01-9-----Chrysene	800	U
117-81-7-----Bis(2-Ethylhexyl)Phthalate	800	U
117-84-0-----Di-n-Octyl Phthalate	800	U
205-99-2-----Benzo(b)Fluoranthene	800	U
207-08-9-----Benzo(k)Fluoranthene	800	U
50-32-8-----Benzo(a)Pyrene	800	U
193-39-5-----Indeno(1,2,3-cd)Pyrene	800	U
53-70-3-----Dibenz(a,h)Anthracene	800	U
191-24-2-----Benzo(g,h,i)Perylene	800	U

(1) - Cannot be separated from Diphenylamine

BCL 001 1611

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCF01MSD

Lab Name: RECRA ENVIRON Contract: 68-W8-0047

Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96

Matrix: (soil/water) SOIL Lab Sample ID: BCF01MSD

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 3117X

Level: (low/med) LOW Date Received: 12/06/89

% Moisture: not dec. 19 dec. _____ Date Extracted: 12/09/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 12/20/89

GPC Cleanup: (Y/N) Y pH: 5.2 Dilution Factor: 1.0

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	4000	U
111-91-1	bis(2-Chloroethoxy) Methane	810	U
120-83-2	2,4-Dichlorophenol	89	J
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	4000	U
91-58-7	2-Chloronaphthalene	810	U
88-74-4	2-Nitroaniline	4000	U
131-11-3	Dimethyl Phthalate	810	U
208-96-8	Acenaphthylene	810	U
606-20-2	2,6-Dinitrotoluene	810	U

BCL 001 1612

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCF01MSD

Site Name: RECRA ENVIRON Contract: 68-W8-0047

Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96

Matrix: (soil/water) SOIL Lab Sample ID: BCF01MSD

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 3117X

Level: (low/med) LOW Date Received: 12/06/89

Moisture: not dec. 19 dec. _____ Date Extracted: 12/09/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 12/20/89

GPC Cleanup: (Y/N) Y pH: 5.2 Dilution Factor: 1.0

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

CAS NO. COMPOUND Q

99-09-2	3-Nitroaniline	4000	U
83-32-9	Acenaphthene	810	U
51-28-5	2,4-Dinitrophenol	4000	U
100-02-7	4-Nitrophenol	4000	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	4000	U
534-52-1	4,6-Dinitro-2-Methylphenol	4000	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	4000	U
85-01-8	Phenanthrene	810	U
120-12-7	Anthracene	810	U
84-74-2	Di-n-Butylphthalate	68	BJ
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

BCL 001 1613

RES

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

1362

BCF01

Lab Name: RECRA ENVIRON

Contract: 68-W8-0047

Lab Code: RECNY Case No.: 13269

SAS No.: _____

SDG No.: BCW96

Matrix: (soil/water) SOIL

Lab Sample ID: SS2407

Sample wt/vol: 30.4 (g/mL) G

Lab File ID: _____

Level: (low/med) LOW

Date Received: 12/06/89

% Moisture: not dec. 18 dec. _____

Date Extracted: 12/09/89

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 01/02/90

GPC Cleanup: (Y/N) Y pH: 5.2

Dilution Factor: 1.00

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

CAS NO.

COMPOUND

Q

319-84-6-----	alpha-BHC	19	U
319-85-7-----	beta-BHC	19	UU
319-86-8-----	delta-BHC	19	UUU
58-89-9-----	gamma-BHC(Lindane)	19	UUUU
76-44-8-----	Heptachlor	19	UUUUU
309-00-2-----	Aldrin	19	UUUUUU
1024-57-3-----	Heptachlor epoxide	19	UUUUUUU
959-98-8-----	Endosulfan I	19	UUUUUUU
60-57-1-----	Dieldrin	38	UUUUUUU
72-55-9-----	4,4'-DDE	38	UUUUUUU
72-20-8-----	Endrin	38	UUUUUUU
33213-65-9-----	Endosulfan II	38	UUUUUUU
72-54-8-----	4,4'-DDD	38	UUUUUUU
1031-07-8-----	Endosulfan sulfate	38	UUUUUUU
50-29-3-----	4,4'-DDT	38	UUUUUUU
72-43-5-----	Methoxychlor	190	UUUUUUU
53494-70-5-----	Endrin ketone	38	UUUUUUU
5103-71-9-----	alpha-chlordane	190	UUUUUUU
5103-74-2-----	gamma-chlordane	190	UUUUUUU
8001-35-2-----	Toxaphene	380	UUUUUUU
12674-11-2-----	Aroclor-1016	190	UUUUUUU
11104-28-2-----	Aroclor-1221	190	UUUUUUU
11141-16-5-----	Aroclor-1232	190	UUUUUUU
53469-21-9-----	Aroclor-1242	190	UUUUUUU
12672-29-6-----	Aroclor-1248	190	UUUUUUU
11097-69-1-----	Aroclor-1254	380	UUUUUUU
11096-82-5-----	Aroclor-1260	380	UUUUUUU

BCL 001 1614

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

1367
BCF02

Lab Name: RECRA ENVIRON Contract: 68-W8-0047

Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96

Matrix: (soil/water) SOIL Lab Sample ID: SS2410

Sample wt/vol: 30.2 (g/mL) G Lab File ID: _____

Level: (low/med) LOW Date Received: 12/07/89

Moisture: not dec. 3 dec. _____ Date Extracted: 12/09/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 01/02/90

PC Cleanup: (Y/N) Y pH: 4.9 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	33	U
72-55-9	4,4'-DDE	33	U
72-20-8	Endrin	33	U
33213-65-9	Endosulfan II	33	U
72-54-8	4,4'-DDD	33	U
1031-07-8	Endosulfan sulfate	33	U
50-29-3	4,4'-DDT	33	U
72-43-5	Methoxychlor	160	U
53494-70-5	Endrin ketone	33	U
5103-71-9	alpha-chlordane	160	U
5103-74-2	gamma-chlordane	160	U
8001-35-2	Toxaphene	330	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	330	U
11096-82-5	Aroclor-1260	330	U

BCL 001 1615

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
1372

BCF03

Lab Name: RECRA ENVIRON Contract: 68-W8-0047
 Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96
 Matrix: (soil/water) SOIL Lab Sample ID: SS2413
 Sample wt/vol: 30.3 (g/mL) G Lab File ID: _____
 Level: (low/med) LOW Date Received: 12/07/89
 % Moisture: not dec. 22 dec. _____ Date Extracted: 12/09/89
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 01/03/90
 GPC Cleanup: (Y/N) Y pH: 4.5 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	20	U
319-85-7	beta-BHC	20	U
319-86-8	delta-BHC	20	U
58-89-9	gamma-BHC(Lindane)	20	U
76-44-8	Heptachlor	20	U
309-00-2	Aldrin	20	U
1024-57-3	Heptachlor epoxide	20	U
959-98-8	Endosulfan I	20	U
60-57-1	Dieldrin	41	U
72-55-9	4,4'-DDE	41	U
72-20-8	Endrin	41	U
33213-65-9	Endosulfan II	41	U
72-54-8	4,4'-DDD	41	U
1031-07-8	Endosulfan sulfate	41	U
50-29-3	4,4'-DDT	41	U
72-43-5	Methoxychlor	200	U
53494-70-5	Endrin ketone	41	U
5103-71-9	alpha-chlordane	200	U
5103-74-2	gamma-chlordane	200	U
8001-35-2	Toxaphene	410	U
12674-11-2	Aroclor-1016	200	U
11104-28-2	Aroclor-1221	200	U
11141-16-5	Aroclor-1232	200	U
53469-21-9	Aroclor-1242	200	U
12672-29-6	Aroclor-1248	200	U
11097-69-1	Aroclor-1254	410	U
11096-82-5	Aroclor-1260	410	U

BCL 001 1616

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 1377

BCF04

Lab Name: RECRA ENVIRON Contract: 68-W8-0047
 Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96
 Matrix: (soil/water) SOIL Lab Sample ID: SS2414
 Sample wt/vol: 30.7 (g/mL) G Lab File ID: _____
 Level: (low/med) LOW Date Received: 12/07/89
 Moisture: not dec. 2 dec. _____ Date Extracted: 12/09/89
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 01/03/90
 Cleanup: (Y/N) Y pH: 6.8 Dilution Factor: 1.00

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

CAS NO. COMPOUND 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

BCL 001 1617

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE **1382**

BCF05

Lab Name: RECRA ENVIRON Contract: 68-W8-0047
 Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96
 Matrix: (soil/water) SOIL Lab Sample ID: SS2415
 Sample wt/vol: 30.4 (g/mL) G Lab File ID: _____
 Level: (low/med) LOW Date Received: 12/07/89
 % Moisture: not dec. 2 dec. _____ Date Extracted: 12/09/89
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 01/03/90
 GPC Cleanup: (Y/N) Y pH: 6.8 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	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

BCL 001 1618

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCF06

Lab Name: RECRA ENVIRON Contract: 68-W8-0047
 Lab Code: RECNY Gase No.: 13269 SAS No.: _____ SDG No.: BCW96
 Matrix: (soil/water) SOIL Lab Sample ID: SS2416
 Sample wt/vol: 30.5 (g/mL) G Lab File ID: _____
 Level: (low/med) LOW Date Received: 12/08/89
 Moisture: not dec. 14 dec. _____ Date Extracted: 12/09/89
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 01/03/90
 CPC Cleanup: (Y/N) Y pH: 3.9 Dilution Factor: 1.00

CONCENTRATION UNITS:

CAS NO. COMPOUND (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

BCL 001 1619

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. **1392**

BCF07

Lab Name: RECRA ENVIRON Contract: 68-W8-0047

Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96

Matrix: (soil/water) SOIL Lab Sample ID: SS2417

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

Level: (low/med) LOW Date Received: 12/08/89

% Moisture: not dec. 13 dec. _____ Date Extracted: 12/09/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 01/03/90

GPC Cleanup: (Y/N) Y pH: 5.0 Dilution Factor: 1.00

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

CAS NO. COMPOUND 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- 8-8-----	Endosulfan I	18	U
60-5 -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

BCL 001 1620

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

1397

BCF08

Lab Name: RECRA ENVIRON Contract: 68-W8-0047
 Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96
 Matrix: (soil/water) SOIL Lab Sample ID: SS2418
 Sample wt/vol: 30.3 (g/mL) G Lab File ID: _____
 Level: (low/med) LOW Date Received: 12/08/89
 % Moisture: not dec. 2 dec. _____ Date Extracted: 12/09/89
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 01/03/90
 GPC Cleanup: (Y/N) Y pH: 5.6 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

BCL 001 1621

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 140

BCF09 FF

Lab Name: RECRA ENVIRON Contract: 68-W8-0047

Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96

Matrix: (soil/water) WATER Lab Sample ID: SW4017

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

Level: (low/med) LOW Date Received: 12/09/89

% Moisture: not dec. _____ dec. _____ Date Extracted: 12/12/89

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 01/02/90

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

BCL 001 1622

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCF10

Lab Name: RECRA ENVIRON Contract: 68-W8-0047
 Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96
 Matrix: (soil/water) SOIL Lab Sample ID: SS2441
 sample wt/vol: 30.3 (g/mL) G Lab File ID: _____
 Level: (low/med) LOW Date Received: 12/09/89
 % Moisture: not dec. 3 dec. _____ Date Extracted: 12/16/89
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 01/03/90
 CPC Cleanup: (Y/N) Y pH: 7.4 Dilution Factor: 1.00

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

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	33	U
72-55-9	4,4'-DDE	33	U
72-20-8	Endrin	33	U
33213-65-9	Endosulfan II	33	U
72-54-8	4,4'-DDD	33	U
1031-07-8	Endosulfan sulfate	33	U
50-29-3	4,4'-DDT	33	U
72-43-5	Methoxychlor	160	U
53494-70-5	Endrin ketone	33	U
5103-71-9	alpha-chlordane	160	U
5103-74-2	gamma-chlordane	160	U
8001-35-2	Toxaphene	330	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	330	U
11096-82-5	Aroclor-1260	330	U

BCL 001 1623

(CM) C/11/11

1412

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCF11

Lab Name: RECRA ENVIRON Contract: 68-W8-0047

Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96

Matrix: (soil/water) SOIL Lab Sample ID: SS2442

Sample wt/vol: 30.6 (g/mL) G Lab File ID: _____

Level: (low/med) LOW Date Received: 12/09/89

% Moisture: not dec. 16 dec. _____ Date Extracted: 12/16/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 01/03/90

GPC Cleanup: (Y/N) Y pH: 6.1 Dilution Factor: 1.00

CONCENTRATION UNITS:

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

319-84-6	alpha-BHC	19	UJ
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

BCL 001 1624

(CW) 5/18/90

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. **1417**

BCW96 FB

Lab Name: RECRA ENVIRON Contract: 68-W8-0047

Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96

Matrix: (soil/water) WATER Lab Sample ID: SW4015

Sample wt/vol: 800.0 (g/mL) ML Lab File ID: _____

Level: (low/med) LOW Date Received: 12/05/89

% Moisture: not dec. _____ dec. _____ Date Extracted: 12/08/89

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 01/02/90

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

CONCENTRATION UNITS:

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

BCL 001 1625

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCW97

Lab Name: RECRA ENVIRON Contract: 68-W8-0047
 Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96
 Matrix: (soil/water) SOIL Lab Sample ID: SS2404
 Sample wt/vol: 30.6 (g/mL) G Lab File ID: _____
 Level: (low/med) LOW Date Received: 12/05/89
 % Moisture: not dec. 3 dec. _____ Date Extracted: 12/06/89
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 01/02/90
 CPC Cleanup: (Y/N) Y pH: 5.1 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	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

BCL 001 1626

1427

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCW98

Lab Name: RECRA ENVIRON Contract: 68-W8-0047
 Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96
 Matrix: (soil/water) SOIL Lab Sample ID: SS2406
 Sample wt/vol: 30.3 (g/mL) G Lab File ID: _____
 Level: (low/med) LOW Date Received: 12/06/89
 % Moisture: not dec. 20 dec. _____ Date Extracted: 12/09/89
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 01/02/90
 GPC Cleanup: (Y/N) Y pH: 5.7 Dilution Factor: 1.00

CONCENTRATION UNITS:

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

319-84-6	alpha-BHC	20	U
319-85-7	beta-BHC	20	U
319-86-8	delta-BHC	20	U
58-89-9	gamma-BHC (Lindane)	20	U
76-44-8	Heptachlor	20	U
309-00-2	Aldrin	20	U
1024-57-3	Heptachlor epoxide	20	U
959-98-8	Endosulfan I	20	U
60-57-1	Dieldrin	40	U
72-55-9	4,4'-DDE	40	U
72-20-8	Endrin	40	U
33213-65-9	Endosulfan II	40	U
72-54-8	4,4'-DDD	40	U
1031-07-8	Endosulfan sulfate	40	U
50-29-3	4,4'-DDT	40	U
72-43-5	Methoxychlor	200	U
53494-70-5	Endrin ketone	40	U
5103-71-9	alpha-chlordane	200	U
5103-74-2	gamma-chlordane	200	U
8001-35-2	Toxaphene	400	U
12674-11-2	Aroclor-1016	200	U
11104-28-2	Aroclor-1221	200	U
11141-16-5	Aroclor-1232	200	U
53469-21-9	Aroclor-1242	200	U
12672-29-6	Aroclor-1248	200	U
11097-69-1	Aroclor-1254	400	U
11096-82-5	Aroclor-1260	400	U

BCL 001 1627

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

1432
EPA SAMPLE NO.

BCW99

Lab Name: RECRA ENVIRON Contract: 68-W8-0047
 Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96
 Matrix: (soil/water) SOIL Lab Sample ID: SS2405A
 Sample wt/vol: 30.5 (g/mL) G Lab File ID: _____
 Level: (low/med) LOW Date Received: 12/06/89
 % Moisture: not dec. 1 dec. _____ Date Extracted: 12/09/89
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 01/02/90
 CPC Cleanup: (Y/N) Y pH: 5.2 Dilution Factor: 1.00

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	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

BCL 001 1628

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

1529

PBLK80

Lab Name: RECRA ENVIRON Contract: 68-W8-0047
 Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96
 Matrix: (soil/water) WATER Lab Sample ID: SW4016
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. _____ dec. _____ Date Extracted: 12/08/89
 Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 01/02/90
 GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.00

CONCENTRATION UNITS:

CAS NO. COMPOUND (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

BCL 001 1629

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

1534
EPA SAMPLE NO.

PBLK81

Lab Name: RECRA ENVIRON Contract: 68-W8-0047
 Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96
 Matrix: (soil/water) WATER Lab Sample ID: SW4019
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. _____ dec. _____ Date Extracted: 12/12/89
 Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 01/02/90
 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

BCL 001 1630

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO
1539

PBLK82

Lab Name: RECRA ENVIRON Contract: 68-W8-0047
 Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96
 Matrix: (soil/water) SOIL Lab Sample ID: SS2403
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. _____ dec. _____ Date Extracted: 12/06/89
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 01/02/90
 GPC Cleanup: (Y/N) Y pH: 7.0 Dilution Factor: 1.00

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

BCL 001 1631

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
1544

PBLK83

Lab Name: RECRA ENVIRON Contract: 68-W8-0047

Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96

Matrix: (soil/water) SOIL Lab Sample ID: SS2439

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

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

% Moisture: not dec. _____ dec. _____ Date Extracted: 12/09/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 01/03/90

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	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

BCL 001 1632

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE **1549**

PBLK85

ID Name: RECRA ENVIRON Contract: 68-W8-0047
 Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96
 Matrix: (soil/water) SOIL Lab Sample ID: SS2449
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____
 Level: (low/med) LOW Date Received: _____
 Moisture: not dec. _____ dec. _____ Date Extracted: 12/16/89
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 01/03/90
 PC Cleanup: (Y/N) Y pH: 7.0 Dilution Factor: 1.00

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

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	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

BCL 001 1633

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCF01MS 1554

Lab Name: RECRA ENVIRON

Contract: 68-W8-0047

Lab Code: RECNY Case No.: 13269

SAS No.: _____

SDG No.: BCW96

Matrix: (soil/water) SOIL

Lab Sample ID: SS2408

Sample wt/vol: 30.4 (g/mL) G

Lab File ID: _____

Level: (low/med) LOW

Date Received: 12/06/89

Moisture: not dec. 18 dec. _____

Date Extracted: 12/09/89

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 01/02/90

PC Cleanup: (Y/N) Y pH: 5.2

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	38	U
72-55-9	4,4'-DDE	38	U
72-20-8	Endrin	38	U
33213-65-9	Endosulfan II	38	U
72-54-8	4,4'-DDD	38	U
1031-07-8	Endosulfan sulfate	38	U
50-29-3	4,4'-DDT	38	U
72-43-5	Methoxychlor	190	U
53494-70-5	Endrin ketone	38	U
5103-71-9	alpha-chlordane	190	U
5103-74-2	gamma-chlordane	190	U
8001-35-2	Toxaphene	380	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	380	U
11096-82-5	Aroclor-1260	380	U

BCL 001 1634

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE **1859**

BCF01MSD

Lab Name: RECRA ENVIRON Contract: 68-W8-0047

Lab Code: RECNY Case No.: 13269 SAS No.: _____ SDG No.: BCW96

Matrix: (soil/water) SOIL Lab Sample ID: SS2409

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

Level: (low/med) LOW Date Received: 12/06/89

% Moisture: not dec. 18 dec. _____ Date Extracted: 12/09/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 01/02/90

GPC Cleanup: (Y/N) Y pH: 5.2 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	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

BCL 001 1635

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBAT47

Lab Name: KEYSTONE-MONROEVILLE

Contract: 68-W8-0025

Lab Code: KEYPA

Case No.: 13269

SAS No.:

SDG No.: MBAT46

Matrix (soil/water): SOIL

Lab Sample ID: MBAT47

Level (low/med): LOW

Date Received: 12/05/89

% Solids: 97.6

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

CAS No.	Analyte	Concentration	IC	Q	M
7429-90-5	Aluminum	1140.00		*	P
7440-36-0	Antimony	10.90	U		P
7440-38-2	Arsenic	0.98	B		F
7440-39-3	Barium	2.90	B	J	P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.82	U		P
7440-70-2	Calcium	40.50	B		P
7440-47-3	Chromium	3.30			P
7440-48-4	Cobalt	1.60	B		P
7440-50-8	Copper	5.00	B		P
7439-89-6	Iron	3150.00			P
7439-92-1	Lead	1.30			F
7439-95-4	Magnesium	205.00	B		P
7439-96-5	Manganese	59.60			P
7439-97-6	Mercury	0.10	U		CV
7439-02-0	Nickel	3.60	B		P
7440-09-7	Potassium	138.00	U		P
7782-49-2	Selenium	0.41	U	J	F
7440-22-4	Silver	0.61	U		P
7440-23-5	Sodium	45.10	B		P
7440-28-0	Thallium	0.61	U		F
7440-62-2	Vanadium	3.60	B		P
7440-66-6	Zinc	5.40			P
	Cyanide				NR

* duplicate
MBAT47
7/88

Color Before: BROWN

Clarity Before:

Texture: FINE

Color After: BROWN

Clarity After:

Artifacts: YES

Comments:

SAMPLE WAS SAND LIKE

BCL 001 1637

00004

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBAT48

Lab Name: KEYSTONE-MONROEVILLE

Contract: 68-W8-0025

Lab Code: KEYPA

Case No.: 13269

SAS No.:

SDG No.: MBAT46

Matrix (soil/water): SOIL

Lab Sample ID: MBAT48

Level (low/med): LOW

Date Received: 12/06/89

% Solids:

84.7

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	383.00		*	P
7440-36-0	Antimony	12.50	U		P
7440-38-2	Arsenic	0.78	B		F
7440-39-3	Barium	1.20	B		P
7440-41-7	Beryllium	0.24	U		P
7440-43-9	Cadmium	0.94	U		P
7440-70-2	Calcium	38.40	B		P
7440-47-3	Chromium	3.00			P
7440-48-4	Cobalt	0.94	U		P
7440-50-8	Copper	3.60	B		P
7439-89-6	Iron	1220.00			P
7439-92-1	Lead	1.20		J	F
7439-95-4	Magnesium	65.20	B		P
7439-96-5	Manganese	3.90			P
7439-97-6	Mercury	0.12	U		CV
7439-02-0	Nickel	2.60	U		P
7440-09-7	Potassium	159.00	U		P
7782-49-2	Selenium	0.47	U	J	F
7440-22-4	Silver	0.71	U		P
7440-23-5	Sodium	43.00	B		P
7440-28-0	Thallium	0.71	U		F
7440-62-2	Vanadium	2.10	B		P
7440-66-6	Zinc	3.20	B		P
	Cyanide				NR

Color Before: BROWN

Clarity Before:

Texture: FINE

Color After: BROWN

Clarity After:

Artifacts: YES

Comments:

SAMPLE WAS SAND LIKE

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: KEYSTONE-MONROEVILLE

Contract: 68-W8-0025

MBAT49

Lab Code: KEYPA

Case No.: 13269

SAS No.:

SDG No.: MBAT46

Matrix (soil/water): SOIL

Lab Sample ID: MBAT49

Level (low/med): LOW

Date Received: 12/06/89

% Solids: 98.4

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1190.00		*	P
7440-36-0	Antimony	10.80	U		P
7440-38-2	Arsenic	0.71	B		F
7440-39-3	Barium	4.20	B	J	P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.81	U		P
7440-70-2	Calcium	77.00	B		P
7440-47-3	Chromium	3.30			P
7440-48-4	Cobalt	2.80	B		P
7440-50-8	Copper	2.90	B		P
7439-89-6	Iron	2330.00			P
7439-92-1	Lead	1.20		J	F
7439-95-4	Magnesium	287.00	B		P
7439-96-5	Manganese	84.20			P
7439-97-6	Mercury	0.10	U		CV
7439-02-0	Nickel	3.70	B		P
7440-09-7	Potassium	137.00	U		P
7782-49-2	Selenium	0.41	U	J	F
7440-22-4	Silver	0.61	U		P
7440-23-5	Sodium	45.60	B		P
7440-28-0	Thallium	0.61	U		F
7440-62-2	Vanadium	3.60	B		P
7440-66-6	Zinc	5.10			P
	Cyanide				NR

Color Before: BROWN

Clarity Before:

Texture: FINE

Color After: BROWN

Clarity After:

Artifacts: YES

Comments:

SAMPLE WAS SAND LIKE

BCL 001 1639

U.S. EPA - CLP

00006

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBAT50

Lab Name: KEYSTONE-MONROEVILLE

Contract: 68-WB-0025

Lab Code: KEYPA

Case No.: 13269

SAS No.:

SDG No.: MBAT46

Matrix (soil/water): SOIL

Lab Sample ID: MBAT50

Level (low/med): LOW

Date Received: 12/06/89

% Solids: 85.6

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	269.00		*	P
7440-36-0	Antimony	12.40	U		P
7440-38-2	Arsenic	0.54	B	W	F
7440-39-3	Barium	1.50	B		P
7440-41-7	Beryllium	0.25	U		P
7440-43-9	Cadmium	0.93	U		P
7440-70-2	Calcium	35.00	B		P
7440-47-3	Chromium	2.50			P
7440-48-4	Cobalt	0.93	U		P
7440-50-8	Copper	2.10	B		P
7439-89-6	Iron	858.00			P
7439-92-1	Lead	0.79		J	F
7439-95-4	Magnesium	39.40	B		P
7439-96-5	Manganese	3.80			P
7439-97-6	Mercury	0.12	U		CV
7439-02-0	Nickel	2.60	U		P
7440-09-7	Potassium	157.00	U		P
7782-49-2	Selenium	0.47	U	J	F
7440-22-4	Silver	0.70	U		P
7440-23-5	Sodium	43.70	B		P
7440-28-0	Thallium	0.70	U		F
7440-62-2	Vanadium	2.20	B		P
7440-66-6	Zinc	2.80	B		P
	Cyanide				NR

Color Before: BROWN

Clarity Before:

Texture: FINE

Color After: BROWN

Clarity After:

Artifacts: YES

Comments:

SAMPLE WAS SAND LIKE

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBAT51

Lab Name: KEYSTONE-MONROEVILLE

Contract: 68-WB-0025

Lab Code: KEYPA

Case No.: 13269

SAS No.:

SDG No.: MBAT46

Matrix (soil/water): SOIL

Lab Sample ID: MBAT51

Level (low/med): LOW

Date Received: 12/07/89

% Solids: 96.8

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1030.00		*	P
7440-36-0	Antimony	11.00	U		P
7440-38-2	Arsenic	0.48	B		F
7440-39-3	Barium	3.90	B	J	P
7440-41-7	Beryllium	0.21	U		P
7440-43-9	Cadmium	0.83	U		P
7440-70-2	Calcium	35.10	B		P
7440-47-3	Chromium	3.60			P
7440-48-4	Cobalt	3.00	B		P
7440-50-8	Copper	2.90	B		P
7439-89-6	Iron	1980.00			P
7439-92-1	Lead	1.10		J	F
7439-95-4	Magnesium	177.00	B		P
7439-96-5	Manganese	58.50			P
7439-97-6	Mercury	0.10	U		CV
7439-02-0	Nickel	2.70	B		P
7440-09-7	Potassium	139.00	U		P
7782-49-2	Selenium	0.41	U	J	F
7440-22-4	Silver	0.62	U		P
7440-23-5	Sodium	44.50	B		P
7440-28-0	Thallium	0.62	U	W	F
7440-62-2	Vanadium	2.90	B		P
7440-66-6	Zinc	4.20			P
	Cyanide				NR

Color Before: BROWN

Clarity Before:

Texture: FINE

Color After: BROWN

Clarity After:

Artifacts: YES

Comments:

SAMPLE WAS SAND LIKE

BCL 001 1641

00008

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBAT52

Lab Name: KEYSTONE-MONROEVILLE

Contract: 68-W8-0025

Lab Code: KEYPA

Case No.: 13269

SAS No.:

SDG No.: MBAT46

Matrix (soil/water): SOIL

Lab Sample ID: MBAT52

Level (low/med): LOW

Date Received: 12/07/89

% 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	390.00		*	P
7440-36-0	Antimony	12.80	U		P
7440-38-2	Arsenic	0.67	B		F
7440-39-3	Barium	1.70	B		P
7440-41-7	Beryllium	0.24	U		P
7440-43-9	Cadmium	0.96	U		P
7440-70-2	Calcium	43.20	B		P
7440-47-3	Chromium	2.50			P
7440-48-4	Cobalt	0.96	U		P
7440-50-8	Copper	1.80	B		P
7439-89-6	Iron	1040.00			P
7439-92-1	Lead	1.20		J	F
7439-95-4	Magnesium	71.30	B		P
7439-96-5	Manganese	4.10			P
7439-97-6	Mercury	0.12	U		CV
7439-02-0	Nickel	2.60	U		P
7440-09-7	Potassium	162.00	U		P
7782-49-2	Selenium	0.48	U	J	F
7440-22-4	Silver	0.72	U		P
7440-23-5	Sodium	49.40	B		P
7440-28-0	Thallium	0.72	U		F
7440-62-2	Vanadium	1.60	B		P
7440-66-6	Zinc	2.50	B		P
	Cyanide				NR

Color Before: BROWN

Clarity Before:

Texture: FINE

Color After: BROWN

Clarity After:

Artifacts: YES

Comments:

SAMPLE WAS SAND LIKE

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBAT53

Lab Name: KEYSTONE-MONROEVILLE

Contract: 68-WB-0025

Lab Code: KEYPA

Case No.: 13269

SAS No.:

SDG No.: MBAT46

Matrix (soil/water): SOIL

Lab Sample ID: MBAT53

Level (low/med): LOW

Date Received: 12/07/89

% Solids: 97.9

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	556.00		*	P
7440-36-0	Antimony	10.80	U		P
7440-38-2	Arsenic	0.82	B		F
7440-39-3	Barium	4.00	B	J	P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.82	U		P
7440-70-2	Calcium	155.00	B		P
7440-47-3	Chromium	6.70			P
7440-48-4	Cobalt	1.10	B		P
7440-50-8	Copper	8.60			P
7439-89-6	Iron	2970.00			P
7439-92-1	Lead	1.10		J	F
7439-95-4	Magnesium	201.00	B		P
7439-96-5	Manganese	74.00			P
7439-97-6	Mercury	0.10	U		CV
7439-02-0	Nickel	3.40	B		P
7440-09-7	Potassium	137.00	U		P
7782-49-2	Selenium	0.41	U	J	F
7440-22-4	Silver	0.61	U		P
7440-23-5	Sodium	39.70	B		P
7440-28-0	Thallium	0.61	U		F
7440-62-2	Vanadium	2.00	B		P
7440-66-6	Zinc	4.10	B		P
	Cyanide				NR

BCL 001 1643

Color Before: BROWN

Clarity Before:

Texture: FINE

Color After: BROWN

Clarity After:

Artifacts: YES

Comments:

SAMPLE WAS SAND LIKE

00010

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBAT54

Lab Name: KEYSTONE-MONROEVILLE

Contract: 68-W8-0025

Lab Code: KEYPA

Case No.: 13269

SAS No.:

SDG No.: MBAT46

Matrix (soil/water): SOIL

Lab Sample ID: MBAT54

Level (low/med): LDW

Date Received: 12/07/89

% Solids: 97.9

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1050.00		*	P
7440-36-0	Antimony	10.80	U		P
7440-38-2	Arsenic	0.80	B		F
7440-39-3	Barium	6.80	B	H	P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.82	U		P
7440-70-2	Calcium	602.00	B		P
7440-47-3	Chromium	4.60			F
7440-48-4	Cobalt	1.90	B		P
7440-50-8	Copper	5.70			P
7439-89-6	Iron	3580.00			P
7439-92-1	Lead	0.84		H	F
7439-95-4	Magnesium	715.00	B		P
7439-96-5	Manganese	91.50			P
7439-97-6	Mercury	0.10	U		CV
7439-02-0	Nickel	3.90	B		P
7440-09-7	Potassium	137.00	U		P
7782-49-2	Selenium	0.41	U	J	F
7440-22-4	Silver	0.61	U		P
7440-23-5	Sodium	46.50	B		P
7440-28-0	Thallium	0.61	U		F
7440-62-2	Vanadium	4.50	B		P
7440-66-6	Zinc	10.00			P
	Cyanide				NR

BCL 001 1644

Color Before: BROWN

Clarity Before:

Texture: FINE

Color After: BROWN

Clarity After:

Artifacts: YES

Comments:

SAMPLE WAS SAND LIKE

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

00011 EPA SAMPLE NO.

Lab Name: KEYSTONE-MONROEVILLE

Contract: 68-WB-0025

MBAT55

Lab Code: KEYPA

Case No.: 13269

SAS No.:

SDG No.: MBAT46

Matrix (soil/water): SOIL

Lab Sample ID: MBAT55

Level (low/med): LOW

Date Received: 12/08/89

% Solids: 88.4

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	352.00		*	P
7440-36-0	Antimony	12.00	U		P
7440-38-2	Arsenic	0.54	B		F
7440-39-3	Barium	1.60	B		P
7440-41-7	Beryllium	0.23	U		P
7440-43-9	Cadmium	0.90	U		P
7440-70-2	Calcium	37.00	B		P
7440-47-3	Chromium	1.80	B		P
7440-48-4	Cobalt	0.90	U		P
7440-50-8	Copper	1.90	B		P
7439-89-6	Iron	1140.00			P
7439-92-1	Lead	0.70		H	F
7439-95-4	Magnesium	69.80	B		P
7439-96-5	Manganese	15.90			P
7439-97-6	Mercury	0.11	U		CV
7439-02-0	Nickel	2.50	U		P
7440-09-7	Potassium	152.00	U		P
7782-49-2	Selenium	0.45	U	H	F
7440-22-4	Silver	0.68	U		P
7440-23-5	Sodium	46.00	B		P
7440-28-0	Thallium	0.68	U		F
7440-62-2	Vanadium	1.60	B		P
7440-66-6	Zinc	2.10	B		P
	Dyanide				NR

Color Before: BROWN

Clarity Before:

Texture: FINE

Color After: BROWN

Clarity After:

Artifacts: YES

Comments:

SAMPLE WAS SAND LIKE

BCL
001
1645

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBAT56

Lab Name: KEYSTONE-MONROEVILLE

Contract: 68-W8-0025

Lab Code: KEYPA

Case No.: 13269

SAS No.:

SDG No.: MBAT46

Matrix (soil/water): SOIL

Lab Sample ID: MBAT56

Level (low/med): LOW

Date Received: 12/08/89

% Solids: 97.6

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	986.00		*	P
7440-36-0	Antimony	10.90	U		P
7440-38-2	Arsenic	0.64	B		F
7440-39-3	Barium	2.80	B	J	P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.82	U		P
7440-70-2	Calcium	69.90	B		P
7440-47-3	Chromium	3.00			P
7440-48-4	Cobalt	2.10	B		P
7440-50-8	Copper	3.10	B		P
7439-89-6	Iron	3050.00			P
7439-92-1	Lead	0.86		W J	F
7439-95-4	Magnesium	159.00	B		P
7439-96-5	Manganese	104.00			P
7439-97-6	Mercury	0.10	U		CV
7439-02-0	Nickel	3.00	B		P
7440-09-7	Potassium	138.00	U		P
7782-49-2	Selenium	0.41	U	J	F
7440-22-4	Silver	0.61	U		P
7440-23-5	Sodium	64.10	B		P
7440-28-0	Thallium	0.61	U		F
7440-62-2	Vanadium	2.20	B		P
7440-66-6	Zinc	5.10			P
	Cyanide				NR

Color Before: BROWN

Clarity Before:

Texture: FINE

Color After: BROWN

Clarity After:

Artifacts: YES

Comments:

SAMPLE WAS SAND LIKE

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

00013
EPA SAMPLE N°

MBAT57

Lab Name: KEYSTONE-MONROEVILLE

Contract: 68-WB-0025

Lab Code: KEYPA

Case No.: 13269

SAS No.:

SDG No.: MBAT46

Matrix (soil/water): SOIL

Lab Sample ID: MBAT57

Level (low/med): LOW

Date Received: 12/08/89

% Solids: 87.3

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

CAS No.	Analyte	Concentration	C	D	M
7429-90-5	Aluminum	373.00		*	P
7440-36-0	Antimony	12.10	U		P
7440-38-2	Arsenic	0.48	B		F
7440-39-3	Barium	1.20	B		P
7440-41-7	Beryllium	0.23	U		P
7440-43-9	Cadmium	0.92	U		P
7440-70-2	Calcium	42.60	B		P
7440-47-3	Chromium	1.80	B		P
7440-48-4	Cobalt	0.92	U		P
7440-50-8	Copper	8.20			P
7439-89-6	Iron	1300.00			P
7439-92-1	Lead	1.00		W J	F
7439-95-4	Magnesium	75.50	B		P
7439-96-5	Manganese	10.20			P
7439-97-6	Mercury	0.11	U		CV
7439-02-0	Nickel	2.50	U		P
7440-09-7	Potassium	154.00	U		P
7782-49-2	Selenium	0.46	U	J	F
7440-22-4	Silver	0.69	U		P
7440-23-5	Sodium	37.60	B		P
7440-28-0	Thallium	0.69	U		F
7440-62-2	Vanadium	1.30	B		P
7440-66-6	Zinc	2.20	B		P
	Cyanide				NR

Color Before: BROWN

Clarity Before:

Texture: FINE

Color After: BROWN

Clarity After:

Artifacts: YES

Comments:

SAMPLE WAS SAND LIKE

BCL
001
1647

00014

EPA SAMPLE NO.

1
INORGANIC ANALYSIS DATA SHEET

MBAT58

Lab Name: KEYSTONE-MONROEVILLE

Contract: 68-WB-0025

Lab Code: KEYPA

Case No.: 13269

SAS No.:

SDG No.: MBAT46

Matrix (soil/water): WATER

Lab Sample ID: MBAT58

Level (low/med): LOW

Date Received: 12/09/89

% Solids:

0.0

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

CAS No.	Analyte	Concentration <i>ug/L</i>	C	Q	M
7429-90-5	Aluminum	45.00	U		P
7440-36-0	Antimony	53.00	U		P
7440-38-2	Arsenic	2.00	U		F
7440-39-3	Barium	1.00	U		P
7440-41-7	Beryllium	1.00	U		P
7440-43-9	Cadmium	4.00	U		F
7440-70-2	Calcium	51.70	B		P
7440-47-3	Chromium	3.00	U		P
7440-48-4	Cobalt	4.00	U		P
7440-50-8	Copper	3.00	U		P
7439-89-6	Iron	4.00	U		P
7439-92-1	Lead	2.00	U		F
7439-95-4	Magnesium	33.00	U		P
7439-96-5	Manganese	1.00	U		P
7439-97-6	Mercury	0.20	U		CV
7439-02-0	Nickel	11.00	U		P
7440-09-7	Potassium	672.00	U		P
7782-49-2	Selenium	2.00	U	J	F
7440-22-4	Silver	3.00	U		P
7440-23-5	Sodium	150.00	U		P
7440-28-0	Thallium	3.00	U	W	F
7440-62-2	Vanadium	3.00	U		P
7440-66-6	Zinc	2.00	U		P
	Cyanide				NR

Color Before: COLORLESS

Clarity Before: CLEAR

Texture:

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NC

MBAT59

Lab Name: KEYSTONE-MONROEVILLE

Contract: 68-W8-0025

Lab Code: KEYPA

Case No.: 13269

SAS No.:

SDG No.: MBAT46

Matrix (soil/water): SOIL

Lab Sample ID: MBAT59

Level (low/med): LOW

Date Received: 12/09/89

% Solids: 97.9

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

CAS No.	Analyte	Concentration	C	G	M
7429-90-5	Aluminum	700.00	*		P
7440-36-0	Antimony	10.80	U		P
7440-38-2	Arsenic	0.88	B		F
7440-39-3	Barium	2.40	B		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.82	U		F
7440-70-2	Calcium	550.00	B		P
7440-47-3	Chromium	2.50			P
7440-48-4	Cobalt	0.82	U		P
7440-50-8	Copper	2.10	B		P
7439-89-6	Iron	1910.00			P
7439-92-1	Lead	0.78		W J	F
7439-95-4	Magnesium	418.00	B		P
7439-96-5	Manganese	28.40			P
7439-97-6	Mercury	0.10	U		CV
7439-02-0	Nickel	2.20	U		P
7440-09-7	Potassium	137.00	U		P
7782-49-2	Selenium	0.41	U		F
7440-22-4	Silver	0.61	U		P
7440-23-5	Sodium	35.90	B		P
7440-28-0	Thallium	0.61	U		F
7440-62-2	Vanadium	2.20	B		P
7440-66-6	Zinc	3.30	B		P
	Cyanide				NR

Color Before: BROWN

Clarity Before:

Texture: FINE

Color After: BROWN

Clarity After:

Artifacts: YES

Comments:

SAMPLE WAS SAND LIKE

BCL 001 1649

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBAT60

Lab Name: KEYSTONE-MONROEVILLE

Contract: 68-WB-0025

Lab Code: KEYPA

Case No.: 13269

SAS No.:

SDG No.: MBAT46

Matrix (soil/water): SOIL

Lab Sample ID: MBAT60

Level (low/med): LOW

Date Received: 12/09/89

% Solids: 86.5

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	320.00		*	P
7440-36-0	Antimony	12.30	U		P
7440-38-2	Arsenic	0.55	B		F
7440-39-3	Barium	1.20	B		P
7440-41-7	Beryllium	0.23	U		P
7440-43-9	Cadmium	0.92	U		P
7440-70-2	Calcium	44.90	B		P
7440-47-3	Chromium	3.20			P
7440-48-4	Cobalt	0.92	U		P
7440-50-8	Copper	8.80			P
7439-89-6	Iron	1010.00			P
7439-92-1	Lead	0.95		W J	F
7439-95-4	Magnesium	53.60	B		P
7439-96-5	Manganese	18.10			P
7439-97-6	Mercury	0.12	U		CV
7439-02-0	Nickel	2.50	U		P
7440-09-7	Potassium	155.00	U		P
7782-49-2	Selenium	0.46	U	J	F
7440-22-4	Silver	0.69	U		P
7440-23-5	Sodium	44.60	B		P
7440-28-0	Thallium	0.69	U		F
7440-62-2	Vanadium	1.80	B		P
7440-66-6	Zinc	2.50	B		P
	Cyanide				NR

Color Before: BROWN

Clarity Before:

Texture: FINE

Color After: BROWN

Clarity After:

Artifacts: YES

Comments:

SAMPLE WAS SAND LIKE

2

VOA

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ26

Lab Name: S-CUBED

Contract: 68-D9-0027

Lab Code: S3

Case No.: 13345

SAS No.:

SDG No.: BCF12

Matrix: (soil/water) SOIL

Lab Sample ID: BCZ26

Sample wt/vol: 5.022 (g/mL) G

Lab File ID: BCZ26

Level: (low/med) LOW

Date Received: 12/12/89

% Moisture: not dec. 4

Date Analyzed: 12/12/89

Column: (pack/cap) PACK

Dilution Factor: 1.000

CONCENTRATION UNITS: *1.000*
(ug/L or ug/Kg) UG/KG *g*

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	10	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
10061-02-6	-----trans-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
10061-01-5	-----cis-1,3-Dichloropropene	5	U
75-25-2	-----Bromoform	5	U
591-78-6	-----2-Hexanone	10	U
108-10-1	-----4-Methyl-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	-----Xylene (total)	5	U

EA

NR

BCL 001 1651

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BCZ26

Lab Name: S-CUBED

Contract: 68-D9-0027

Lab Code: S3

Case No.: 13345

SAS No.:

SDG No.: BCF12

Matrix: (soil/water) SOIL

Lab Sample ID: BCZ26

Sample wt/vol: 5.022 (g/mL) G

Lab File ID: BCZ26

Level: (low/med) LOW

Date Received: 12/12/89

% Moisture: not dec. 4

Date Analyzed: 12/12/89

Column: (pack/cap) PACK

Dilution Factor: 1.000

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
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30.				

BCL 001 1652

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ27

Lab Name: S-CUBED

Contract: 68-D9-0027

Lab Code: S3

Case No.: 13345

SAS No.:

SDG No.: BCF12

Matrix: (soil/water) SOIL

Lab Sample ID: BCZ27

Sample wt/vol: 4.954 (g/mL) G

Lab File ID: BCZ27

Level: (low/med) LOW

Date Received: 12/12/89

% Moisture: not dec. 13

Date Analyzed: 12/12/89

Column: (pack/cap) PACK

Dilution Factor: 1.000

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	
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	12	U
67-64-1	-----Acetone	12	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	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
10061-02-6	-----trans-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
10061-01-5	-----cis-1,3-Dichloropropene	6	U
75-25-2	-----Bromoform	6	U
591-78-6	-----2-Hexanone	12	U
108-10-1	-----4-Methyl-2-Pentanone	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	-----Xylene (total)	6	U

BCL 001 1653

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BCZ27

Lab Name: S-CUBED

Contract: 68-D9-0027

Lab Code: S3

Case No.: 13345

SAS No.:

SDG No.: BCF12

Matrix: (soil/water) SOIL

Lab Sample ID: BCZ27

Sample wt/vol: 4.954 (g/mL) G

Lab File ID: BCZ27

Level: (low/med) LOW

Date Received: 12/12/89

% Moisture: not dec. 13

Date Analyzed: 12/12/89

Column: (pack/cap) PACK

Dilution Factor: 1.000

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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30.				

BCL 001 1654

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ28

Lab Name: S-CUBED

Contract: 68-D9-0027

Lab Code: S3

Case No.: 13345

SAS No.:

SDG No.: BCF12

Matrix: (soil/water) SOIL

Lab Sample ID: BCZ28

Sample wt/vol: 5.095 (g/mL) G

Lab File ID: BCZ28

Level: (low/med) LOW

Date Received: 12/13/89

% Moisture: not dec. 5

Date Analyzed: 12/14/89

Column: (pack/cap) PACK

Dilution Factor: 1.000

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	
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
10061-02-6	trans-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
10061-01-5	cis-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
591-78-6	2-Hexanone	10	U
108-10-1	4-Methyl-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	Xylene (total)	5	U

BCL 001 1655

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BCZ28

Lab Name: S-CUBED

Contract: 68-D9-0027

Lab Code: S3

Case No.: 13345

SAS No.:

SDG No.: BCF12

Matrix: (soil/water) SOIL

Lab Sample ID: BCZ28

Sample wt/vol: 5.095 (g/mL) G

Lab File ID: BCZ28

Level: (low/med) LOW

Date Received: 12/13/89

% Moisture: not dec. 5

Date Analyzed: 12/14/89

Column: (pack/cap) PACK

Dilution Factor: 1.000

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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BCL 001 1656

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ29

Lab Name: S-CUBED

Contract: 68-D9-0027

Lab Code: S3

Case No.: 13345

SAS No.:

SDG No.: BCF12

Matrix: (soil/water) SOIL

Lab Sample ID: BCZ29

Sample wt/vol: 5.089 (g/mL) G

Lab File ID: BCZ29

Level: (low/med) LOW

Date Received: 12/13/89

% Moisture: not dec. 19

Date Analyzed: 12/14/89

Column: (pack/cap) PACK

Dilution Factor: 1,000

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	6	U
67-64-1	Acetone	12	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	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
10061-02-6	trans-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
10061-01-5	cis-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
591-78-6	2-Hexanone	12	U
108-10-1	4-Methyl-2-Pentanone	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	Xylene (total)	6	U

BCL 001 1657

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BCZ29

Lab Name: S-CUBED

Contract: 68-D9-0027

Lab Code: S3

Case No.: 13345

SAS No.:

SDG No.: BCF12

Matrix: (soil/water) SOIL

Lab Sample ID: BCZ29

Sample wt/vol: 5.089 (g/mL) G

Lab File ID: BCZ29

Level: (low/med) LOW

Date Received: 12/13/89

% Moisture: not dec. 19

Date Analyzed: 12/14/89

Column: (pack/cap) PACK

Dilution Factor: 1.000

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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BCL 001 1658

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ30

Lab Name: S-CUBED

Contract: 68-D9-0027

Lab Code: S3

Case No.: 13345

SAS No.:

SDG No.: BCF12

Matrix: (soil/water) WATER

Lab Sample ID: BCZ30

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: BCZ30

Level: (low/med) LOW

Date Received: 12/13/89

% Moisture: not dec. _____

Date Analyzed: 12/14/89

Column: (pack/cap) PACK

Dilution Factor: 1.000

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

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
10061-02-6	-----trans-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
10061-01-5	-----cis-1,3-Dichloropropene	5	U
75-25-2	-----Bromoform	5	U
591-78-6	-----2-Hexanone	10	U
108-10-1	-----4-Methyl-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	-----Xylene (total)	5	U

BCL 001 1659

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BCZ30

Lab Name: S-CUBED

Contract: 68-D9-0027

Lab Code: S3

Case No.: 13345

SAS No.:

SDG No.: BCF12

Matrix: (soil/water) WATER

Lab Sample ID: BCZ30

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: BCZ30

Level: (low/med) LOW

Date Received: 12/13/89

% Moisture: not dec. _____

Date Analyzed: 12/14/89

Column: (pack/cap) PACK

Dilution Factor: 1.000

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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BCL 001 1660

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK01

Lab Name: S-CUBED

Contract: 68-D9-0027

Lab Code: S3

Case No.: 13345

SAS No.:

SDG No.: BCF12

Matrix: (soil/water) SOIL

Lab Sample ID: LBC12

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: LBC12

Level: (low/med) LOW

Date Received: / /

% Moisture: not dec. 0

Date Analyzed: 12/12/89

Column: (pack/cap) PACK

Dilution Factor: 1.000

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	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
10061-02-6	-----trans-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
10061-01-5	-----cis-1,3-Dichloropropene	5	U
75-25-2	-----Bromoform	5	U
591-78-6	-----2-Hexanone	10	U
108-10-1	-----4-Methyl-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	-----Xylene (total)	5	U

BCL 001 1661

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK01

Lab Name: S-CUBED

Contract: 68-D9-0027

Lab Code: S3

Case No.: 13345

SAS No.:

SDG No.: BCF12

Matrix: (soil/water) SOIL

Lab Sample ID: LBC12

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: LBC12

Level: (low/med) LOW

Date Received: / /

% Moisture: not dec. 0

Date Analyzed: 12/12/89

Column: (pack/cap) PACK

Dilution Factor: 1.000

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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BCL 001 1662

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK02

Lab Name: S-CUBED

Contract: 68-D9-0027

Lab Code: S3

Case No.: 13345

SAS No.:

SDG No.: BCF12

Matrix: (soil/water) SOIL

Lab Sample ID: LBD14

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: LBD14

Level: (low/med) LOW

Date Received: / /

% Moisture: not dec. 0

Date Analyzed: 12/14/89

Column: (pack/cap) PACK

Dilution Factor: 1.000

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	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
10061-02-6	trans-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
10061-01-5	cis-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
591-78-6	2-Hexanone	10	U
108-10-1	4-Methyl-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	Xylene (total)	5	U

BCL 001 1663

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK02

Lab Name: S-CUBED

Contract: 68-D9-0027

Lab Code: S3

Case No.: 13345

SAS No.:

SDG No.: BCF12

Matrix: (soil/water) SOIL

Lab Sample ID: LBD14

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: LBD14

Level: (low/med) LOW

Date Received: / /

% Moisture: not dec. 0

Date Analyzed: 12/14/89

Column: (pack/cap) PACK

Dilution Factor: 1.000

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
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BCL 001 1664

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK11

Lab Name: S-CUBED

Contract: 68-D9-0027

Lab Code: S3

Case No.: 13345

SAS No.:

SDG No.: BCF12

Matrix: (soil/water) WATER

Lab Sample ID: SBC14

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: SBC14

Level: (low/med) LOW

Date Received: / /

% Moisture: not dec. _____

Date Analyzed: 12/14/89

Column: (pack/cap) PACK

Dilution Factor: 1.000

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
10061-02-6	-----trans-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
10061-01-5	-----cis-1,3-Dichloropropene	5	U
75-25-2	-----Bromoform	5	U
591-78-6	-----2-Hexanone	10	U
108-10-1	-----4-Methyl-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	-----Xylene (total)	5	U

BCL 001 1665

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK11

Lab Name: S-CUBED

Contract: 68-D9-0027

Lab Code: S3

Case No.: 13345

SAS No.:

SDG No.: BCF12

Matrix: (soil/water) WATER

Lab Sample ID: SBC14

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: SBC14

Level: (low/med) LOW

Date Received: / /

% Moisture: not dec. _____

Date Analyzed: 12/14/89

Column: (pack/cap) PACK

Dilution Factor: 1.000

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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BCL 001 1666

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK12

Lab Name: S-CUBED

Contract: 68-D9-0027

Lab Code: S3

Case No.: 13345

SAS No.:

SDG No.: BCF12

Matrix: (soil/water) WATER

Lab Sample ID: SBC20

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: SBC20

Level: (low/med) LOW

Date Received: / /

% Moisture: not dec. _____

Date Analyzed: 12/20/89

Column: (pack/cap) PACK

Dilution Factor: 1.000

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

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
10061-02-6	trans-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
10061-01-5	cis-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
591-78-6	2-Hexanone	10	U
108-10-1	4-Methyl-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	Xylene (total)	5	U

BCL 001 1667

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK12

Lab Name: S-CUBED

Contract: 68-D9-0027

Lab Code: S3

Case No.: 13345

SAS No.:

SDG No.: BCF12

Matrix: (soil/water) WATER

Lab Sample ID: SBC20

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: SBC20

Level: (low/med) LOW

Date Received: / /

% Moisture: not dec. _____

Date Analyzed: 12/20/89

Column: (pack/cap) PACK

Dilution Factor: 1.000

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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BCL 001 1668

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ26MS

Lab Name: S-CUBED

Contract: 68-D9-0027

Lab Code: S3

Case No.: 13345

SAS No.:

SDG No.: BCF12

Matrix: (soil/water) SOIL

Lab Sample ID: MSZ26

Sample wt/vol: 5.046 (g/mL) G

Lab File ID: MSZ26

Level: (low/med) LOW

Date Received: 12/12/89

% Moisture: not dec. 4

Date Analyzed: 12/12/89

Column: (pack/cap) PACK

Dilution Factor: 1.000

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	2	BJ
67-64-1	-----Acetone	10	U
75-15-0	-----Carbon Disulfide	5	U
75-35-4	-----1,1-Dichloroethene	45	X
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
10061-02-6	-----trans-1,3-Dichloropropene	5	U
79-01-6	-----Trichloroethene	46	X
124-48-1	-----Dibromochloromethane	5	U
79-00-5	-----1,1,2-Trichloroethane	5	U
71-43-2	-----Benzene	49	X
10061-01-5	-----cis-1,3-Dichloropropene	5	U
75-25-2	-----Bromoform	5	U
591-78-6	-----2-Hexanone	10	U
108-10-1	-----4-Methyl-2-Pentanone	10	U
127-18-4	-----Tetrachloroethene	5	U
79-34-5	-----1,1,2,2-Tetrachloroethane	5	U
108-88-3	-----Toluene	49	X
108-90-7	-----Chlorobenzene	51	X
100-41-4	-----Ethylbenzene	5	U
100-42-5	-----Styrene	5	U
1330-20-7	-----Xylene (total)	5	U

BCL 001 1669

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ26MSD

Lab Name: S-CUBED

Contract: 68-D9-0027

Lab Code: S3

Case No.: 13345

SAS No.:

SDG No.: BCF12

Matrix: (soil/water) SOIL

Lab Sample ID: MSD26

Sample wt/vol: 4.963 (g/mL) G

Lab File ID: MSD26

Level: (low/med) LOW

Date Received: 12/12/89

% Moisture: not dec. 4

Date Analyzed: 12/12/89

Column: (pack/cap) PACK

Dilution Factor: 1.000

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	5	U
67-64-1	-----Acetone	11	U
75-15-0	-----Carbon Disulfide	5	U
75-35-4	-----1,1-Dichloroethene	44	X
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	5	U
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
10061-02-6	-----trans-1,3-Dichloropropene	5	U
79-01-6	-----Trichloroethene	46	X
124-48-1	-----Dibromochloromethane	5	U
79-00-5	-----1,1,2-Trichloroethane	5	U
71-43-2	-----Benzene	49	X
10061-01-5	-----cis-1,3-Dichloropropene	5	U
75-25-2	-----Bromoform	5	U
591-78-6	-----2-Hexanone	11	U
108-10-1	-----4-Methyl-2-Pentanone	11	U
127-18-4	-----Tetrachloroethene	5	U
79-34-5	-----1,1,2,2-Tetrachloroethane	5	U
108-88-3	-----Toluene	51	X
108-90-7	-----Chlorobenzene	53	X
100-41-4	-----Ethylbenzene	5	U
100-42-5	-----Styrene	5	U
1330-20-7	-----Xylene (total)	5	U

BCL 001 1671

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ30MSD

Lab Name: S-CUBED

Contract: 68-D9-0027

Lab Code: S3

Case No.: 13345

SAS No.:

SDG No.: BCF12

Matrix: (soil/water) WATER

Lab Sample ID: MSD30

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: MSD30

Level: (low/med) LOW

Date Received: 12/13/89

% Moisture: not dec. _____

Date Analyzed: 12/20/89

Column: (pack/cap) PACK

Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
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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	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	43	X
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
10061-02-6	trans-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	44	X
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	47	X
10061-01-5	cis-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
591-78-6	2-Hexanone	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	50	X
108-90-7	Chlorobenzene	53	X
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

BCL 001 1672

132

BAVA

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCF12

Lab Name: S-CUBED

Contract: 68-D9-0027

Lab Code: S3

Case No.: 13345

SAS No.:

SDG No.: BCF12

Matrix: (soil/water) SOIL

Lab Sample ID: BCF12

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

Lab File ID: BCF12

Level: (low/med) LOW

Date Received: 12/12/89

% Moisture: not dec. 3 dec. _____

Date Extracted: 12/14/89

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 12/19/89

GPC Cleanup: (Y/N) Y pH: 4.6

Dilution Factor: 1.000

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

108-95-2	Phenol	680	U
111-44-4	bis(2-Chloroethyl)ether	680	U
95-57-8	2-Chlorophenol	680	U
541-73-1	1,3-Dichlorobenzene	680	U
106-46-7	1,4-Dichlorobenzene	680	U
100-51-6	Benzyl alcohol	680	U
95-50-1	1,2-Dichlorobenzene	680	U
95-48-7	2-Methylphenol	680	U
108-60-1	bis(2-Chloroisopropyl)ether	680	U
106-44-5	4-Methylphenol	680	U
621-64-7	N-Nitroso-di-n-propylamine	680	U
67-72-1	Hexachloroethane	680	U
98-95-3	Nitrobenzene	680	U
78-59-1	Isophorone	680	U
88-75-5	2-Nitrophenol	680	U
105-67-9	2,4-Dimethylphenol	680	U
65-85-0	Benzoic acid	3300	U
111-91-1	bis(2-Chloroethoxy)methane	680	U
120-83-2	2,4-Dichlorophenol	680	U
120-82-1	1,2,4-Trichlorobenzene	680	U
91-20-3	Naphthalene	680	U
106-47-8	4-Chloroaniline	680	U
87-68-3	Hexachlorobutadiene	680	U
59-50-7	4-Chloro-3-methylphenol	680	U
91-57-6	2-Methylnaphthalene	680	U
77-47-4	Hexachlorocyclopentadiene	680	U
88-06-2	2,4,6-Trichlorophenol	680	U
95-95-4	2,4,5-Trichlorophenol	3300	U
91-58-7	2-Chloronaphthalene	680	U
88-74-4	2-Nitroaniline	3300	U
131-11-3	Dimethylphthalate	680	U
208-96-8	Acenaphthylene	680	U
606-20-2	2,6-Dinitrotoluene	680	U

BCL 001 1673

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCF12

Lab Name: S-CUBED

Contract: 68-D9-0027

Lab Code: S3

Case No.: 13345

SAS No.:

SDG No.: BCF12

Matrix: (soil/water) SOIL

Lab Sample ID: BCF12

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

Lab File ID: BCF12

Level: (low/med) LOW

Date Received: 12/12/89

% Moisture: not dec. 3 dec. _____

Date Extracted: 12/14/89

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 12/19/89

GPC Cleanup: (Y/N) Y pH: 4.6

Dilution Factor: 1.000

CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG *4/24/89* Q

99-09-2-----	3-Nitroaniline	3300	U
83-32-9-----	Acenaphthene	680	U
51-28-5-----	2,4-Dinitrophenol	3300	U
100-02-7-----	4-Nitrophenol	3300	U
132-64-9-----	Dibenzofuran	680	U
121-14-2-----	2,4-Dinitrotoluene	680	U
84-66-2-----	Diethylphthalate	680	U
7005-72-3-----	4-Chlorophenyl-phenylether	680	U
86-73-7-----	Fluorene	680	U
100-01-6-----	4-Nitroaniline	3300	U ^J
534-52-1-----	4,6-Dinitro-2-methylphenol	3300	U
86-30-6-----	N-Nitrosodiphenylamine (1)	680	U
101-55-3-----	4-Bromophenyl-phenylether	680	U
118-74-1-----	Hexachlorobenzene	680	U
87-86-5-----	Pentachlorophenol	3300	U
85-01-8-----	Phenanthrene	680	U
120-12-7-----	Anthracene	680	U
84-74-2-----	Di-n-butylphthalate	680	U
206-44-0-----	Fluoranthene	680	U
129-00-0-----	Pyrene	680	U
85-68-7-----	Butylbenzylphthalate	680	U
91-94-1-----	3,3'-Dichlorobenzidine	1400	U
56-55-3-----	Benzo(a)anthracene	680	U
218-01-9-----	Chrysene	680	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	680	U
117-84-0-----	Di-n-octylphthalate	680	U
205-99-2-----	Benzo(b)fluoranthene	680	U
207-08-9-----	Benzo(k)fluoranthene	680	U
50-32-8-----	Benzo(a)pyrene	680	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	680	U
53-70-3-----	Dibenz(a,h)anthracene	680	U
191-24-2-----	Benzo(g,h,i)perylene	680	U

(1) - Cannot be separated from Diphenylamine

BCL 001 1674

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BCF12

Lab Name: S-CUBED

Contract: 68-D9-0027

Lab Code: S3

Case No.: 13345

SAS No.:

SDG No.: BCF12

Matrix: (soil/water) SOIL

Lab Sample ID: BCF12

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

Lab File ID: BCF12

Level: (low/med) LOW

Date Received: 12/12/89

% Moisture: not dec. 3 dec. _____

Date Extracted: 12/14/89

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 12/19/89

GPC Cleanup : (Y/N) Y pH: 4.6

Dilution Factor: 1.000

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	6.73	2000	✓
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BCL 001 1675

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCF13

Lab Name: S-CUBED

Contract: 68-D9-0027

Lab Code: S3

Case No.: 13345

SAS No.:

SDG No.: BCF12

Matrix: (soil/water) SOIL

Lab Sample ID: BCF13

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

Lab File ID: BCF13

Level: (low/med) LOW

Date Received: 12/12/89

% Moisture: not dec. 16 dec. _____

Date Extracted: 12/14/89

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 12/19/89

GPC Cleanup: (Y/N) Y pH: 6.0

Dilution Factor: 1.000

CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG *4/11/89* *4/13/89* *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-Methylphenol	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 <i>J</i>
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	Dimethylphthalate	780	U
208-96-8	Acenaphthylene	780	U
606-20-2	2,6-Dinitrotoluene	780	U

BCL 001 1676

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCF13

Lab Name: S-CUBED Contract: 68-D9-0027

Lab Code: S3 Case No.: 13345 SAS No.: SDG No.: BCF12

Matrix: (soil/water) SOIL Lab Sample ID: BCF13

Sample wt/vol: 30.0 (g/mL) G Lab File ID: BCF13

Level: (low/med) LOW Date Received: 12/12/89

% Moisture: not dec. 16 dec. _____ Date Extracted: 12/14/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 12/19/89

GPC Cleanup: (Y/N) Y pH: 6.0 Dilution Factor: 1.000

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG *4.1* *q*

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	
99-09-2	3-Nitroaniline	3800	U
83-32-9	Acenaphthene	780	U
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 <i>2</i>
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	780	U
120-12-7	Anthracene	780	U
84-74-2	Di-n-butylphthalate	780	U
206-44-0	Fluoranthene	780	U
129-00-0	Pyrene	780	U
85-68-7	Butylbenzylphthalate	780	U
91-94-1	3,3'-Dichlorobenzidine	1600	U
56-55-3	Benzo(a)anthracene	780	U
218-01-9	Chrysene	780	U
117-81-7	bis(2-Ethylhexyl)phthalate	780	U
117-84-0	Di-n-octylphthalate	780	U
205-99-2	Benzo(b)fluoranthene	780	U
207-08-9	Benzo(k)fluoranthene	780	U
50-32-8	Benzo(a)pyrene	780	U
193-39-5	Indeno(1,2,3-cd)pyrene	780	U
53-70-3	Dibenz(a,h)anthracene	780	U
191-24-2	Benzo(g,h,i)perylene	780	U

(1) - Cannot be separated from Diphenylamine

BCL 001 1677

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BCF13

Lab Name: S-CUBED

Contract: 68-D9-0027

Lab Code: S3

Case No.: 13345

SAS No.:

SDG No.: BCF12

Matrix: (soil/water) SOIL

Lab Sample ID: BCF13

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

Lab File ID: BCF13

Level: (low/med) LOW

Date Received: 12/12/89

% Moisture: not dec. 16 dec. _____

Date Extracted: 12/14/89

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 12/19/89

GPC Cleanup : (Y/N) Y pH: 6.0

Dilution Factor: 1.000

Number TICs found: 1

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

1 ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	6.72	2200	MR
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FORM 1 SV-TIC

1/87 Rev.

BCL 001 1678

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ26

Lab Name: S-CUBED

Contract: 68-D9-0027

Lab Code: S3

Case No.: 13345

SAS No.:

SDG No.: BCF12

Matrix: (soil/water) SOIL

Lab Sample ID: BCZ26

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

Lab File ID: BCZ26

Level: (low/med) LOW

Date Received: 12/12/89

% Moisture: not dec. 4 dec. _____

Date Extracted: 12/20/89

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 12/27/89

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

Dilution Factor: 1.000

CONCENTRATION UNITS: ^{1/1000}
(ug/L or ug/Kg) UG/KG ^Q

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
108-95-2	Phenol	690	U J
111-44-4	bis(2-Chloroethyl)ether	690	U
95-57-8	2-Chlorophenol	690	U
541-73-1	1,3-Dichlorobenzene	690	U
106-46-7	1,4-Dichlorobenzene	690	U
100-51-6	Benzyl alcohol	690	U
95-50-1	1,2-Dichlorobenzene	690	U
95-48-7	2-Methylphenol	690	U
108-60-1	bis(2-Chloroisopropyl)ether	690	U
106-44-5	4-Methylphenol	690	U
621-64-7	N-Nitroso-di-n-propylamine	690	U
67-72-1	Hexachloroethane	690	U
98-95-3	Nitrobenzene	690	U
78-59-1	Isophorone	690	U
88-75-5	2-Nitrophenol	690	U
105-67-9	2,4-Dimethylphenol	690	U
65-85-0	Benzoic acid	3300	U
111-91-1	bis(2-Chloroethoxy)methane	690	U
120-83-2	2,4-Dichlorophenol	690	U
120-82-1	1,2,4-Trichlorobenzene	690	U
91-20-3	Naphthalene	690	U
106-47-8	4-Chloroaniline	690	U
87-68-3	Hexachlorobutadiene	690	U
59-50-7	4-Chloro-3-methylphenol	690	U
91-57-6	2-Methylnaphthalene	690	U
77-47-4	Hexachlorocyclopentadiene	690	U
88-06-2	2,4,6-Trichlorophenol	690	U
95-95-4	2,4,5-Trichlorophenol	3300	U
91-58-7	2-Chloronaphthalene	690	U
88-74-4	2-Nitroaniline	3300	U
131-11-3	Dimethylphthalate	690	U
208-96-8	Acenaphthylene	690	U
606-20-2	2,6-Dinitrotoluene	690	U

BCL 001 1679

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ26

Lab Name: S-CUBED

Contract: 68-D9-0027

Lab Code: S3

Case No.: 13345

SAS No.:

SDG No.: BCF12

Matrix: (soil/water) SOIL

Lab Sample ID: BCZ26

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

Lab File ID: BCZ26

Level: (low/med) LOW

Date Received: 12/12/89

% Moisture: not dec. 4 dec. _____

Date Extracted: 12/20/89

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 12/27/89

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

Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	
99-09-2	3-Nitroaniline	3300	U J
83-32-9	Acenaphthene	690	U U
51-28-5	2,4-Dinitrophenol	3300	U U
100-02-7	4-Nitrophenol	3300	U U
132-64-9	Dibenzofuran	690	U U
121-14-2	2,4-Dinitrotoluene	690	U U
84-66-2	Diethylphthalate	690	U U
7005-72-3	4-Chlorophenyl-phenylether	690	U U
86-73-7	Fluorene	690	U U
100-01-6	4-Nitroaniline	3300	U U
534-52-1	4,6-Dinitro-2-methylphenol	3300	U U
86-30-6	N-Nitrosodiphenylamine (1)	690	U U
101-55-3	4-Bromophenyl-phenylether	690	U U
118-74-1	Hexachlorobenzene	690	U U
87-86-5	Pentachlorophenol	3300	U U
85-01-8	Phenanthrene	690	U U
120-12-7	Anthracene	690	U U
84-74-2	Di-n-butylphthalate	690	U U
206-44-0	Fluoranthene	690	U U
129-00-0	Pyrene	690	U U
85-68-7	Butylbenzylphthalate	690	U U
91-94-1	3,3'-Dichlorobenzidine	1400	U U
56-55-3	Benzo(a)anthracene	690	U U
218-01-9	Chrysene	690	U U
117-81-7	bis(2-Ethylhexyl)phthalate	690	U U
117-84-0	Di-n-octylphthalate	690	U U
205-99-2	Benzo(b)fluoranthene	690	U U
207-08-9	Benzo(k)fluoranthene	690	U U
50-32-8	Benzo(a)pyrene	690	U U
193-39-5	Indeno(1,2,3-cd)pyrene	690	U U
53-70-3	Dibenz(a,h)anthracene	690	U U
191-24-2	Benzo(g,h,i)perylene	690	U J

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BCZ26

Lab Name: S-CUBED

Contract: 66-D9-0027

Lab Code: S3

Case No.: 13345

SAS No.:

SDG No.: BCF12

Matrix: (soil/water) SOIL

Lab Sample ID: BCZ26

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

Lab File ID: BCZ26

Level: (low/med) LOW

Date Received: 12/12/89

% Moisture: not dec. 4 dec. _____

Date Extracted: 12/20/89

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 12/27/89

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

Dilution Factor: 1.000

CONCENTRATION UNITS: *4.3*
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	6.66	9900	<i>AK</i>
2.				
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30.				

BCL 001 1681

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ27

Lab Name: S-CUBED

Contract: 68-D9-0027

Lab Code: S3

Case No.: 13345

SAS No.:

SDG No.: ECF12

Matrix: (soil/water) SOIL

Lab Sample ID: BCZ27

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

Lab File ID: BCZ27

Level: (low/med) LOW

Date Received: 12/12/89

% Moisture: not dec. 13 dec. _____

Date Extracted: 12/14/89

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 12/19/89

GPC Cleanup: (Y/N) Y pH: 6.5

Dilution Factor: 1.000

CONCENTRATION UNITS: *1.1*
(ug/L or ug/Kg) UG/KG *4.2* Q

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) UG/KG	
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	UJ
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	Dimethylphthalate	760	U
208-96-8	Acenaphthylene	760	U
606-20-2	2,6-Dinitrotoluene	760	U

BCL 001 1682

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ27

Lab Name: S-CUBED

Contract: 68-D9-0027

Lab Code: S3

Case No.: 13345

SAS No.:

SDG No.: BCF12

Matrix: (soil/water) SOIL

Lab Sample ID: BCZ27

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

Lab File ID: BCZ27

Level: (low/med) LOW

Date Received: 12/12/89

% Moisture: not dec. 13 dec. _____

Date Extracted: 12/14/89

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 12/19/89

GPC Cleanup: (Y/N) Y pH: 6.5

Dilution Factor: 1.000

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

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
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	UJ
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	760	U
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	760	U
117-84-0	Di-n-octylphthalate	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

BCL 001 1683

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BCZ27

Lab Name: S-CUBED

Contract: 68-D9-0027

Lab Code: S3

Case No.: 13345

SAS No.:

SDG No.: BCF12

Matrix: (soil/water) SOIL

Lab Sample ID: BCZ27

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

Lab File ID: BCZ27

Level: (low/med) LOW

Date Received: 12/12/89

% Moisture: not dec. 13 dec. _____

Date Extracted: 12/14/89

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 12/19/89

GPC Cleanup: (Y/N) Y pH: 6.5

Dilution Factor: 1.000

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	6.74	3700	1 (1)
2.				
3.				
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30.				

BCL 001 1684

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ28

Lab Name: S-CUBED

Contract: 68-D9-0027

Lab Code: S3

Case No.: 13345

SAS No.:

SDG No.: BCF12

Matrix: (soil/water) SOIL

Lab Sample ID: BCZ28

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

Lab File ID: RXZ28

Level: (low/med) LOW

Date Received: 12/13/89

% Moisture: not dec. 5 dec. _____

Date Extracted: 12/20/89

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 12/27/89

GPC Cleanup: (Y/N) Y pH: 5.6

Dilution Factor: 1.000

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG *1.15e-2* Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	
108-95-2	Phenol	690	U
111-44-4	bis(2-Chloroethyl)ether	690	U
95-57-8	2-Chlorophenol	690	U
541-73-1	1,3-Dichlorobenzene	690	U
106-46-7	1,4-Dichlorobenzene	690	U
100-51-6	Benzyl alcohol	690	U
95-50-1	1,2-Dichlorobenzene	690	U
95-48-7	2-Methylphenol	690	U
108-60-1	bis(2-Chloroisopropyl)ether	690	U
106-44-5	4-Methylphenol	690	U
621-64-7	N-Nitroso-di-n-propylamine	690	U
67-72-1	Hexachloroethane	690	U
98-95-3	Nitrobenzene	690	U
78-59-1	Isophorone	690	U
88-75-5	2-Nitrophenol	690	U
105-67-9	2,4-Dimethylphenol	690	U
65-85-0	Benzoic acid	3400	U
111-91-1	bis(2-Chloroethoxy)methane	690	U
120-83-2	2,4-Dichlorophenol	690	U
120-82-1	1,2,4-Trichlorobenzene	690	U
91-20-3	Naphthalene	690	U
106-47-8	4-Chloroaniline	690	U
87-68-3	Hexachlorobutadiene	690	U
59-50-7	4-Chloro-3-methylphenol	690	U
91-57-6	2-Methylnaphthalene	690	U
77-47-4	Hexachlorocyclopentadiene	690	U
88-06-2	2,4,6-Trichlorophenol	690	U
95-95-4	2,4,5-Trichlorophenol	3400	U
91-58-7	2-Chloronaphthalene	690	U
88-74-4	2-Nitroaniline	3400	U
131-11-3	Dimethylphthalate	690	U
208-96-8	Acenaphthylene	690	U
606-20-2	2,6-Dinitrotoluene	690	U

BCL 001 1685

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ28

Lab Name: S-CUBED

Contract: 68-D9-0027

Lab Code: S3

Case No.: 13345

SAS No.:

SDG No.: BCF12

Matrix: (soil/water) SOIL

Lab Sample ID: BCZ28

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

Lab File ID: RXZ28

Level: (low/med) LOW

Date Received: 12/13/89

% Moisture: not dec. 5 dec. _____

Date Extracted: 12/20/89

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 12/27/89

GPC Cleanup: (Y/N) Y pH: 5.6

Dilution Factor: 1.000

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	3400	U
83-32-9	Acenaphthene	690	U
51-28-5	2,4-Dinitrophenol	3400	U
100-02-7	4-Nitrophenol	3400	U
132-64-9	Dibenzofuran	690	U
121-14-2	2,4-Dinitrotoluene	690	U
84-66-2	Diethylphthalate	690	U
7005-72-3	4-Chlorophenyl-phenylether	690	U
86-73-7	Fluorene	690	U
100-01-6	4-Nitroaniline	3400	U
534-52-1	4,6-Dinitro-2-methylphenol	3400	U
86-30-6	N-Nitrosodiphenylamine (1)	690	U
101-55-3	4-Bromophenyl-phenylether	690	U
118-74-1	Hexachlorobenzene	690	U
87-86-5	Pentachlorophenol	3400	U
85-01-8	Phenanthrene	690	U
120-12-7	Anthracene	690	U
84-74-2	Di-n-butylphthalate	690	U
206-44-0	Fluoranthene	690	U
129-00-0	Pyrene	690	U
85-68-7	Butylbenzylphthalate	690	U
91-94-1	3,3'-Dichlorobenzidine	1400	U
56-55-3	Benzo(a)anthracene	690	U
218-01-9	Chrysene	690	U
117-81-7	bis(2-Ethylhexyl)phthalate	690	U
117-84-0	Di-n-octylphthalate	690	U
205-99-2	Benzo(b)fluoranthene	690	U
207-08-9	Benzo(k)fluoranthene	690	U
50-32-8	Benzo(a)pyrene	690	U
193-39-5	Indeno(1,2,3-cd)pyrene	690	U
53-70-3	Dibenz(a,h)anthracene	690	U
191-24-2	Benzo(g,h,i)perylene	690	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BCZ28

Lab Name: S-CUBED

Contract: 68-59-0027

Lab Code: S3

Case No.: 13345

SAS No.:

SDG No.: BCF12

Matrix: (soil/water) SOIL

Lab Sample ID: BCZ28

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

Lab File ID: RXZ28

Level: (low/med) LOW

Date Received: 12/13/89

% Moisture: not dec. 5 dec. _____

Date Extracted: 12/20/89

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 12/27/89

GPC Cleanup: (Y/N) Y pH: 5.6

Dilution Factor: 1.000

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	6.65	9200	✓
2.				
3.				
4.				
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BCL 001 1687

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ29

Lab Name: S-CUBED

Contract: 68-D9-0027

Lab Code: S3

Case No.: 13345

SAS No.:

SDG No.: BCF12

Matrix: (soil/water) SOIL

Lab Sample ID: BCZ29

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

Lab File ID: RXZ29

Level: (low/med) LOW

Date Received: 12/13/89

% Moisture: not dec. 19 dec. _____

Date Extracted: 12/20/89

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 12/27/89

GPC Cleanup: (Y/N) Y pH: 5.8

Dilution Factor: 1.000

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG *10⁻⁶ g* Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	UNIT
108-95-2	Phenol	820	U
111-44-4	bis(2-Chloroethyl)ether	820	U
95-57-8	2-Chlorophenol	820	U
541-73-1	1,3-Dichlorobenzene	820	U
106-46-7	1,4-Dichlorobenzene	820	U
100-51-6	Benzyl alcohol	820	U
95-50-1	1,2-Dichlorobenzene	820	U
95-48-7	2-Methylphenol	820	U
108-60-1	bis(2-Chloroisopropyl)ether	820	U
106-44-5	4-Methylphenol	820	U
621-64-7	N-Nitroso-di-n-propylamine	820	U
67-72-1	Hexachloroethane	820	U
98-95-3	Nitrobenzene	820	U
78-59-1	Isophorone	820	U
88-75-5	2-Nitrophenol	820	U
105-67-9	2,4-Dimethylphenol	820	U
65-85-0	Benzoic acid	4000	U
111-91-1	bis(2-Chloroethoxy)methane	820	U
120-83-2	2,4-Dichlorophenol	820	U
120-82-1	1,2,4-Trichlorobenzene	820	U
91-20-3	Naphthalene	820	U
106-47-8	4-Chloroaniline	820	U
87-68-3	Hexachlorobutadiene	820	U
59-50-7	4-Chloro-3-methylphenol	820	U
91-57-6	2-Methylnaphthalene	820	U
77-47-4	Hexachlorocyclopentadiene	820	U
88-06-2	2,4,6-Trichlorophenol	820	U
95-95-4	2,4,5-Trichlorophenol	4000	U
91-58-7	2-Chloronaphthalene	820	U
88-74-4	2-Nitroaniline	4000	U
131-11-3	Dimethylphthalate	820	U
208-96-8	Acenaphthylene	320	U
606-20-2	2,6-Dinitrotoluene	820	U

BCL 001 1688

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ29

Lab Name: S-CUBED

Contract: 68-D9-0027

Lab Code: S3

Case No.: 13345

SAS No.:

SDG No.: BCF12

Matrix: (soil/water) SOIL

Lab Sample ID: BCZ29

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

Lab File ID: RXZ29

Level: (low/med) LOW

Date Received: 12/13/89

% Moisture: not dec. 19 dec. _____

Date Extracted: 12/20/89

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 12/27/89

GPC Cleanup: (Y/N) Y pH: 5.8

Dilution Factor: 1.000

CONCENTRATION UNITS:

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	
99-09-2	3-Nitroaniline	4000	U
83-32-9	Acenaphthene	820	U
51-28-5	2,4-Dinitrophenol	4000	U
100-02-7	4-Nitrophenol	4000	U
132-64-9	Dibenzofuran	820	U
121-14-2	2,4-Dinitrotoluene	320	U
84-66-2	Diethylphthalate	820	U
7005-72-3	4-Chlorophenyl-phenylether	820	U
86-73-7	Fluorene	820	U
100-01-6	4-Nitroaniline	4000	U
534-52-1	4,6-Dinitro-2-methylphenol	4000	U
86-30-6	N-Nitrosodiphenylamine (1)	820	U
101-55-3	4-Bromophenyl-phenylether	820	U
118-74-1	Hexachlorobenzene	820	U
87-86-5	Pentachlorophenol	4000	U
85-01-8	Phenanthrene	820	U
120-12-7	Anthracene	820	U
84-74-2	Di-n-butylphthalate	820	U
206-44-0	Fluoranthene	820	U
129-00-0	Pyrene	820	U
85-68-7	Butylbenzylphthalate	820	U
91-94-1	3,3'-Dichlorobenzidine	1600	U
56-55-3	Benzo(a)anthracene	820	U
218-01-9	Chrysene	820	U
117-81-7	bis(2-Ethylhexyl)phthalate	820	U
117-84-0	Di-n-octylphthalate	820	U
205-99-2	Benzo(b)fluoranthene	820	U
207-08-9	Benzo(k)fluoranthene	820	U
50-32-8	Benzo(a)pyrene	820	U
193-39-5	Indeno(1,2,3-cd)pyrene	820	U
53-70-3	Dibenz(a,h)anthracene	820	U
191-24-2	Benzo(g,h,i)perylene	820	U

(1) - Cannot be separated from Diphenylamine

BCL 001 1689

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BCZ29

Lab Name: S-CUBED

Contract: 68-D9-0027

Lab Code: S3

Case No.: 13345

SAS No.:

SDG No.: BCF12

Matrix: (soil/water) SOIL

Lab Sample ID: BCZ29

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

Lab File ID: RXZ29

Level: (low/med) LOW

Date Received: 12/13/89

% Moisture: not dec. 19 dec. _____

Date Extracted: 12/20/89

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 12/27/89

GPC Cleanup : (Y/N) Y pH: 5.8

Dilution Factor: 1.000

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	6.64	11000	✓ R.
2.				
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BCL 001 1690

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ30

Lab Name: S-CUBED

Contract: 68-D9-0027

Lab Code: S3

Case No.: 13345

SAS No.:

SDG No.: BCF12

Matrix: (soil/water) WATER

Lab Sample ID: BCZ30

Sample wt/vol: 500.0 (g/mL) ML

Lab File ID: BCZ30

Level: (low/med) LOW

Date Received: 12/13/89

% Moisture: not dec. _____ dec. _____

Date Extracted: 12/14/89

Extraction: (SepF/Cont/Sonc) CONT

Date Analyzed: 12/20/89

GPC Cleanup: (Y/N) N pH: 0.0

Dilution Factor: 1.000

CONCENTRATION UNITS: *1/13*
(ug/L or ug/Kg) UG/L *Q*

CAS NO.	COMPOUND	CONCENTRATION UNITS:	Q
108-95-2	Phenol	20	U
111-44-4	bis(2-Chloroethyl)ether	20	U
95-57-8	2-Chlorophenol	20	U
541-73-1	1,3-Dichlorobenzene	20	U
106-46-7	1,4-Dichlorobenzene	20	U
100-51-6	Benzyl alcohol	20	U
95-50-1	1,2-Dichlorobenzene	20	U
95-48-7	2-Methylphenol	20	U
108-60-1	bis(2-Chloroisopropyl)ether	20	U
106-44-5	4-Methylphenol	20	U
621-64-7	N-Nitroso-di-n-propylamine	20	U
67-72-1	Hexachloroethane	20	U
98-95-3	Nitrobenzene	20	U
78-59-1	Isophorone	20	U
88-75-5	2-Nitrophenol	20	U
105-67-9	2,4-Dimethylphenol	20	U
65-85-0	Benzoic acid	100	U <i>P</i>
111-91-1	bis(2-Chloroethoxy)methane	20	U
120-83-2	2,4-Dichlorophenol	20	U
120-82-1	1,2,4-Trichlorobenzene	20	U
91-20-3	Naphthalene	20	U
106-47-8	4-Chloroaniline	20	U
87-68-3	Hexachlorobutadiene	20	U
59-50-7	4-Chloro-3-methylphenol	20	U
91-57-6	2-Methylnaphthalene	20	U
77-47-4	Hexachlorocyclopentadiene	20	U
88-06-2	2,4,6-Trichlorophenol	20	U
95-95-4	2,4,5-Trichlorophenol	100	U
91-58-7	2-Chloronaphthalene	20	U
88-74-4	2-Nitroaniline	100	U
131-11-3	Dimethylphthalate	20	U
208-96-8	Acenaphthylene	20	U
606-20-2	2,6-Dinitrotoluene	20	U

ECL
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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ30

Lab Name: S-CUBED

Contract: 68-D9-0027

Lab Code: S3

Case No.: 13345

SAS No.:

SDG No.: BCF12

Matrix: (soil/water) WATER

Lab Sample ID: BCZ30

Sample wt/vol: 500.0 (g/mL) ML

Lab File ID: BCZ30

Level: (low/med) LOW

Date Received: 12/13/89

% Moisture: not dec. _____ dec. _____

Date Extracted: 12/14/89

Extraction: (SepF/Cont/Sonc) CONT

Date Analyzed: 12/20/89

GPC Cleanup: (Y/N) N pH: 0.0

Dilution Factor: 1.000

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	100	U
83-32-9	Acenaphthene	20	U
51-28-5	2,4-Dinitrophenol	100	U
100-02-7	4-Nitrophenol	100	U
132-64-9	Dibenzofuran	20	U
121-14-2	2,4-Dinitrotoluene	20	U
84-66-2	Diethylphthalate	20	U
7005-72-3	4-Chlorophenyl-phenylether	20	U
86-73-7	Fluorene	20	U
100-01-6	4-Nitroaniline	100	U ¹
534-52-1	4,6-Dinitro-2-methylphenol	100	U
86-30-6	N-Nitrosodiphenylamine (1)	20	U
101-55-3	4-Bromophenyl-phenylether	20	U
118-74-1	Hexachlorobenzene	20	U
87-86-5	Pentachlorophenol	100	U
85-01-8	Phenanthrene	20	U
120-12-7	Anthracene	20	U
84-74-2	Di-n-butylphthalate	20	U
206-44-0	Fluoranthene	20	U
129-00-0	Pyrene	20	U
85-68-7	Butylbenzylphthalate	20	U
91-94-1	3,3'-Dichlorobenzidine	40	U
56-55-3	Benzo(a)anthracene	20	U
218-01-9	Chrysene	20	U
117-81-7	bis(2-Ethylhexyl)phthalate	20	U
117-84-0	Di-n-octylphthalate	20	U
205-99-2	Benzo(b)fluoranthene	20	U
207-08-9	Benzo(k)fluoranthene	20	U
50-32-8	Benzo(a)pyrene	20	U
193-39-5	Indeno(1,2,3-cd)pyrene	20	U
53-70-3	Dibenz(a,h)anthracene	20	U
191-24-2	Benzo(g,h,i)perylene	20	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BCZ30

Lab Name: S-CUBED

Contract: 68-D9-0027

Lab Code: S3

Case No.: 13345

SAS No.:

SDG No.: BCF12

Matrix: (soil/water) WATER

Lab Sample ID: BCZ30

Sample wt/vol: 500.0 (g/mL) ML

Lab File ID: BCZ30

Level: (low/med) LOW

Date Received: 12/13/89

% Moisture: not dec. _____ dec. _____

Date Extracted: 12/14/89

Extraction: (SepF/Cont/Sonc) CONT

Date Analyzed: 12/20/89

GPC Cleanup : (Y/N) N pH: 0.0

Dilution Factor: 1.000

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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BCL 001 1693

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK01

Lab Name: S-CUBED

Contract: 68-D9-0027

Lab Code: S3

Case No.: 13345

SAS No.:

SDG No.: BCF12

Matrix: (soil/water) SOIL

Lab Sample ID: LBK14

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

Lab File ID: LBD14

Level: (low/med) LOW

Date Received: / /

% Moisture: not dec. 0 dec. _____

Date Extracted: 12/14/89

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 12/18/89

GPC Cleanup: (Y/N) Y pH: 0.0

Dilution Factor: 1.000

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	Dimethylphthalate	660	U
208-96-8	Acenaphthylene	660	U
606-20-2	2,6-Dinitrotoluene	660	U

BCL 001 1694

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK01

Lab Name: S-CUBED

Contract: 68-D9-0027

Lab Code: S3

Case No.: 13345

SAS No.:

SDG No.: BCF12

Matrix: (soil/water) SOIL

Lab Sample ID: LBK14

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

Lab File ID: LBD14

Level: (low/med) LOW

Date Received: / /

% Moisture: not dec. 0 dec. _____

Date Extracted: 12/14/89

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 12/18/89

GPC Cleanup: (Y/N) Y pH: 0.0

Dilution Factor: 1.000

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	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-octylphthalate	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

BCL 001 1695

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBLK01

Lab Name: S-CUBED

Contract: 68-D9-0027

Lab Code: S3

Case No.: 13345

SAS No.:

SDG No.: BCF12

Matrix: (soil/water) SOIL

Lab Sample ID: LBK14

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

Lab File ID: LBD14

Level: (low/med) LOW

Date Received: / /

% Moisture: not dec. 0 dec. _____

Date Extracted: 12/14/89

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 12/18/89

GPC Cleanup : (Y/N) Y pH: 0.0

Dilution Factor: 1.000

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	6.76	4100	J
2.				
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BCL 001 1696

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK02

Lab Name: S-CUBED

Contract: 68-D9-0027

Lab Code: S3

Case No.: 13345

SAS No.:

SDG No.: BCF12

Matrix: (soil/water) WATER

Lab Sample ID: DLB14

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

Lab File ID: DLB14

Level: (low/med) LOW

Date Received: / /

% Moisture: not dec. _____ dec. _____

Date Extracted: 12/14/89

Extraction: (SepF/Cont/Sonc) CONT

Date Analyzed: 12/20/89

GPC Cleanup: (Y/N) N pH: 0.0

Dilution Factor: 1.000

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	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U

BCL 001 1697

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK02

Lab Name: S-CUBED

Contract: 68-D9-0027

Lab Code: S3

Case No.: 13345

SAS No.:

SDG No.: BCF12

Matrix: (soil/water) WATER

Lab Sample ID: DLB14

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

Lab File ID: DLB14

Level: (low/med) LOW

Date Received: / /

% Moisture: not dec. _____ dec. _____

Date Extracted: 12/14/89

Extraction: (SepF/Cont/Sonc) CONT

Date Analyzed: 12/20/89

GPC Cleanup: (Y/N) N pH: 0.0

Dilution Factor: 1.000

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-octylphthalate	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

BCL 001 1698

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBLK02

Lab Name: S-CUBED

Contract: 68-D9-0027

Lab Code: S3

Case No.: 13345

SAS No.:

SDG No.: BCF12

Matrix: (soil/water) WATER

Lab Sample ID: DLB14

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

Lab File ID: DLB14

Level: (low/med) LOW

Date Received: / /

% Moisture: not dec. _____ dec. _____

Date Extracted: 12/14/89

Extraction: (SepF/Cont/Sonc) CONT

Date Analyzed: 12/20/89

GPC Cleanup : (Y/N) N pH: 0.0

Dilution Factor: 1.000

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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BCL 001 1699

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK03

Lab Name: S-CUBED

Contract: 68-D9-0027

Lab Code: S3

Case No.: 13345

SAS No.:

SDG No.: BCF12

Matrix: (soil/water) SOIL

Lab Sample ID: LBB20

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

Lab File ID: LBB20

Level: (low/med) LOW

Date Received: / /

% Moisture: not dec. 0 dec. _____

Date Extracted: 12/20/89

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 12/28/89

GPC Cleanup: (Y/N) Y pH: 0.0

Dilution Factor: 1.000

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	Dimethylphthalate	660	U
208-96-8	Acenaphthylene	660	U
606-20-2	2,6-Dinitrotoluene	660	U

BCL 001 1700

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK03

Lab Name: S-CUBED

Contract: 68-D9-0027

Lab Code: S3

Case No.: 13345

SAS No.:

SDG No.: BCF12

Matrix: (soil/water) SOIL

Lab Sample ID: LBB20

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

Lab File ID: LBB20

Level: (low/med) LOW

Date Received: / /

% Moisture: not dec. 0 dec. _____

Date Extracted: 12/20/89

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 12/28/89

GPC Cleanup: (Y/N) Y pH: 0.0

Dilution Factor: 1.000

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	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-octylphthalate	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

BCL 001 1701

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBLK03

Lab Name: S-CUBED

Contract: 68-D9-0027

Lab Code: S3

Case No.: 13345

SAS No.:

SDG No.: BCF12

Matrix: (soil/water) SOIL

Lab Sample ID: LBB20

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

Lab File ID: LBB20

Level: (low/med) LOW

Date Received: / /

% Moisture: not dec. 0 dec. _____

Date Extracted: 12/20/89

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 12/28/89

GPC Cleanup : (Y/N) Y pH: 0.0

Dilution Factor: 1.000

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	6.55	5000	J
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
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25.				
26.				
27.				
28.				
29.				
30.				

BCL 001 1702

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ26MS

Lab Name: S-CUBED

Contract: 68-D9-0027

Lab Code: S3

Case No.: 13345

SAS No.:

SDG No.: BCF12

Matrix: (soil/water) SOIL

Lab Sample ID: MSZ26

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

Lab File ID: RXMS6

Level: (low/med) LOW

Date Received: 12/12/89

% Moisture: not dec. 4 dec. _____

Date Extracted: 12/20/89

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 12/27/89

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

Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	8600	X
111-44-4	bis(2-Chloroethyl)ether	690	U
95-57-8	2-Chlorophenol	7900	X
541-73-1	1,3-Dichlorobenzene	690	U
106-46-7	1,4-Dichlorobenzene	4500	X
100-51-6	Benzyl alcohol	690	U
95-50-1	1,2-Dichlorobenzene	690	U
95-48-7	2-Methylphenol	690	U
108-60-1	bis(2-Chloroisopropyl)ether	690	U
106-44-5	4-Methylphenol	690	U
621-64-7	N-Nitroso-di-n-propylamine	4900	X
67-72-1	Hexachloroethane	690	U
98-95-3	Nitrobenzene	690	U
78-59-1	Isophorone	690	U
88-75-5	2-Nitrophenol	690	U
105-67-9	2,4-Dimethylphenol	690	U
65-85-0	Benzoic acid	3300	U
111-91-1	bis(2-Chloroethoxy)methane	690	U
120-83-2	2,4-Dichlorophenol	690	U
120-82-1	1,2,4-Trichlorobenzene	4400	X
91-20-3	Naphthalene	690	U
106-47-8	4-Chloroaniline	690	U
87-68-3	Hexachlorobutadiene	690	U
59-50-7	4-Chloro-3-methylphenol	9000	X
91-57-6	2-Methylnaphthalene	690	U
77-47-4	Hexachlorocyclopentadiene	690	U
88-06-2	2,4,6-Trichlorophenol	690	U
95-95-4	2,4,5-Trichlorophenol	3300	U
91-58-7	2-Chloronaphthalene	690	U
88-74-4	2-Nitroaniline	3300	U
131-11-3	Dimethylphthalate	690	U
208-96-8	Acenaphthylene	690	U
606-20-2	2,6-Dinitrotoluene	690	U

BCL 001 1703

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ26MS

Lab Name: S-CUBED

Contract: 68-D9-0027

Lab Code: S3

Case No.: 13345

SAS No.:

SDG No.: BCF12

Matrix: (soil/water) SOIL

Lab Sample ID: MSZ26

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

Lab File ID: RXMS6

Level: (low/med) LOW

Date Received: 12/12/89

% Moisture: not dec. 4 dec. _____

Date Extracted: 12/20/89

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 12/27/89

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

Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	3300	U
83-32-9	Acenaphthene	4900	X
51-28-5	2,4-Dinitrophenol	3300	U
100-02-7	4-Nitrophenol	10000	X
132-64-9	Dibenzofuran	690	U
121-14-2	2,4-Dinitrotoluene	4300	X
84-66-2	Diethylphthalate	690	U
7005-72-3	4-Chlorophenyl-phenylether	690	U
86-73-7	Fluorene	690	U
100-01-6	4-Nitroaniline	3300	U
534-52-1	4,6-Dinitro-2-methylphenol	3300	U
86-30-6	N-Nitrosodiphenylamine (1)	690	U
101-55-3	4-Bromophenyl-phenylether	690	U
118-74-1	Hexachlorobenzene	690	U
87-86-5	Pentachlorophenol	10000	X
85-01-8	Phenanthrene	690	U
120-12-7	Anthracene	690	U
84-74-2	Di-n-butylphthalate	690	U
206-44-0	Fluoranthene	690	U
129-00-0	Pyrene	4800	X
85-68-7	Butylbenzylphthalate	690	U
91-94-1	3,3'-Dichlorobenzidine	1400	U
56-55-3	Benzo(a)anthracene	690	U
218-01-9	Chrysene	690	U
117-81-7	bis(2-Ethylhexyl)phthalate	690	U
117-84-0	Di-n-octylphthalate	690	U
205-99-2	Benzo(b)fluoranthene	690	U
207-08-9	Benzo(k)fluoranthene	690	U
50-32-8	Benzo(a)pyrene	690	U
193-39-5	Indeno(1,2,3-cd)pyrene	690	U
53-70-3	Dibenz(a,h)anthracene	690	U
191-24-2	Benzo(g,h,i)perylene	690	U

(1) - Cannot be separated from Diphenylamine

BCL
001
1704

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ30MS

Lab Name: S-CUBED

Contract: 68-D9-0027

Lab Code: S3

Case No.: 13345

SAS No.:

SDG No.: BCF12

Matrix: (soil/water) WATER

Lab Sample ID: MSZ30

Sample wt/vol: 500.0 (g/mL) ML

Lab File ID: MSZ30

Level: (low/med) LOW

Date Received: 12/13/89

% Moisture: not dec. _____ dec. _____

Date Extracted: 12/14/89

Extraction: (SepF/Cont/Sonc) CONT

Date Analyzed: 12/20/89

GPC Cleanup: (Y/N) N pH: 0.0

Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	160	X
111-44-4	bis(2-Chloroethyl)ether	20	U
95-57-8	2-Chlorophenol	180	X
541-73-1	1,3-Dichlorobenzene	20	U
106-46-7	1,4-Dichlorobenzene	71	X
100-51-6	Benzyl alcohol	20	U
95-50-1	1,2-Dichlorobenzene	20	U
95-48-7	2-Methylphenol	20	U
108-60-1	bis(2-Chloroisopropyl)ether	20	U
106-44-5	4-Methylphenol	20	U
621-64-7	N-Nitroso-di-n-propylamine	99	X
67-72-1	Hexachloroethane	20	U
98-95-3	Nitrobenzene	20	U
78-59-1	Isophorone	20	U
88-75-5	2-Nitrophenol	20	U
105-67-9	2,4-Dimethylphenol	20	U
65-85-0	Benzoic acid	100	U
111-91-1	bis(2-Chloroethoxy)methane	20	U
120-83-2	2,4-Dichlorophenol	20	U
120-82-1	1,2,4-Trichlorobenzene	86	X
91-20-3	Naphthalene	20	U
106-47-8	4-Chloroaniline	20	U
87-68-3	Hexachlorobutadiene	20	U
59-50-7	4-Chloro-3-methylphenol	210	X
91-57-6	2-Methylnaphthalene	20	U
77-47-4	Hexachlorocyclopentadiene	20	U
88-06-2	2,4,6-Trichlorophenol	20	U
95-95-4	2,4,5-Trichlorophenol	100	U
91-58-7	2-Chloronaphthalene	20	U
88-74-4	2-Nitroaniline	100	U
131-11-3	Dimethylphthalate	20	U
208-96-8	Acenaphthylene	20	U
606-20-2	2,6-Dinitrotoluene	20	U

BCL 001 1705

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ30MS

Lab Name: S-CUBED

Contract: 68-D9-0027

Lab Code: S3

Case No.: 13345

SAS No.:

SDG No.: BCF12

Matrix: (soil/water) WATER

Lab Sample ID: MSZ30

Sample wt/vol: 500.0 (g/mL) ML

Lab File ID: MSZ30

Level: (low/med) LOW

Date Received: 12/13/89

% Moisture: not dec. _____ dec. _____

Date Extracted: 12/14/89

Extraction: (SepF/Cont/Sonc) CONT

Date Analyzed: 12/20/89

GPC Cleanup: (Y/N) N pH: 0.0

Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	100	U
83-32-9	Acenaphthene	110	X
51-28-5	2,4-Dinitrophenol	100	U
100-02-7	4-Nitrophenol	190	X
132-64-9	Dibenzofuran	20	U
121-14-2	2,4-Dinitrotoluene	95	X
84-66-2	Diethylphthalate	20	U
7005-72-3	4-Chlorophenyl-phenylether	20	U
86-73-7	Fluorene	20	U
100-01-6	4-Nitroaniline	100	U
534-52-1	4,6-Dinitro-2-methylphenol	100	U
86-30-6	N-Nitrosodiphenylamine (1)	20	U
101-55-3	4-Bromophenyl-phenylether	20	U
118-74-1	Hexachlorobenzene	20	U
87-86-5	Pentachlorophenol	210	X
85-01-8	Phenanthrene	20	U
120-12-7	Anthracene	20	U
84-74-2	Di-n-butylphthalate	20	U
206-44-0	Fluoranthene	20	U
129-00-0	Pyrene	110	X
85-68-7	Butylbenzylphthalate	20	U
91-94-1	3,3'-Dichlorobenzidine	40	U
56-55-3	Benzo(a)anthracene	20	U
218-01-9	Chrysene	20	U
117-81-7	bis(2-Ethylhexyl)phthalate	20	U
117-84-0	Di-n-octylphthalate	20	U
205-99-2	Benzo(b)fluoranthene	20	U
207-08-9	Benzo(k)fluoranthene	20	U
50-32-8	Benzo(a)pyrene	20	U
193-39-5	Indeno(1,2,3-cd)pyrene	20	U
53-70-3	Dibenz(a,h)anthracene	20	U
191-24-2	Benzo(g,h,i)perylene	20	U

(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ26MSD

Lab Name: S-CUBED

Contract: 68-D9-0027

Lab Code: S3

Case No.: 13345

SAS No.:

SDG No.: BCF12

Matrix: (soil/water) SOIL

Lab Sample ID: MSD26

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

Lab File ID: MSD26

Level: (low/med) LOW

Date Received: 12/12/89

% Moisture: not dec. 4 dec. _____

Date Extracted: 12/14/89

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 12/19/89

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

Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	8400	X
111-44-4	bis(2-Chloroethyl)ether	690	U
95-57-8	2-Chlorophenol	7900	X
541-73-1	1,3-Dichlorobenzene	690	U
106-46-7	1,4-Dichlorobenzene	3600	X
100-51-6	Benzyl alcohol	690	U
95-50-1	1,2-Dichlorobenzene	690	U
95-48-7	2-Methylphenol	690	U
108-60-1	bis(2-Chloroisopropyl)ether	690	U
106-44-5	4-Methylphenol	690	U
621-64-7	N-Nitroso-di-n-propylamine	4400	X
67-72-1	Hexachloroethane	690	U
98-95-3	Nitrobenzene	690	U
78-59-1	Isophorone	690	U
88-75-5	2-Nitrophenol	690	U
105-67-9	2,4-Dimethylphenol	690	U
65-85-0	Benzoic acid	3300	U
111-91-1	bis(2-Chloroethoxy)methane	690	U
120-83-2	2,4-Dichlorophenol	690	U
120-82-1	1,2,4-Trichlorobenzene	3600	X
91-20-3	Naphthalene	690	U
106-47-8	4-Chloroaniline	690	U
87-68-3	Hexachlorobutadiene	690	U
59-50-7	4-Chloro-3-methylphenol	8600	X
91-57-6	2-Methylnaphthalene	690	U
77-47-4	Hexachlorocyclopentadiene	690	U
88-06-2	2,4,6-Trichlorophenol	690	U
95-95-4	2,4,5-Trichlorophenol	3300	U
91-58-7	2-Chloronaphthalene	690	U
88-74-4	2-Nitroaniline	3300	U
131-11-3	Dimethylphthalate	690	U
208-96-8	Acenaphthylene	690	U
606-20-2	2,6-Dinitrotoluene	690	U

BCL 001 1707

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ26MSD

Lab Name: S-CUBED

Contract: 68-D9-0027

Lab Code: S3

Case No.: 13345

SAS No.:

SDG No.: BCF12

Matrix: (soil/water) SOIL

Lab Sample ID: MSD26

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

Lab File ID: MSD26

Level: (low/med) LOW

Date Received: 12/12/89

% Moisture: not dec. 4 dec. _____

Date Extracted: 12/14/89

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 12/19/89

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

Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2-----	3-Nitroaniline_____	3300	U
83-32-9-----	Acenaphthene_____	3900	X
51-28-5-----	2,4-Dinitrophenol_____	3300	U
100-02-7-----	4-Nitrophenol_____	13000	X
132-64-9-----	Dibenzofuran_____	690	U
121-14-2-----	2,4-Dinitrotoluene_____	3800	X
84-66-2-----	Diethylphthalate_____	690	U
7005-72-3-----	4-Chlorophenyl-phenylether__	690	U
86-73-7-----	Fluorene_____	690	U
100-01-6-----	4-Nitroaniline_____	3300	U
534-52-1-----	4,6-Dinitro-2-methylphenol__	3300	U
86-30-6-----	N-Nitrosodiphenylamine (1)___	690	U
101-55-3-----	4-Bromophenyl-phenylether__	690	U
118-74-1-----	Hexachlorobenzene_____	690	U
87-86-5-----	Pentachlorophenol_____	9700	X
85-01-8-----	Phenanthrene_____	690	U
120-12-7-----	Anthracene_____	690	U
84-74-2-----	Di-n-butylphthalate_____	690	U
206-44-0-----	Fluoranthene_____	690	U
129-00-0-----	Pyrene_____	4000	X
85-68-7-----	Butylbenzylphthalate_____	690	U
91-94-1-----	3,3'-Dichlorobenzidine_____	1400	U
56-55-3-----	Benzo(a)anthracene_____	690	U
218-01-9-----	Chrysene_____	690	U
117-81-7-----	bis(2-Ethylhexyl)phthalate__	690	U
117-84-0-----	Di-n-octylphthalate_____	690	U
205-99-2-----	Benzo(b)fluoranthene_____	690	U
207-08-9-----	Benzo(k)fluoranthene_____	690	U
50-32-8-----	Benzo(a)pyrene_____	690	U
193-39-5-----	Indeno(1,2,3-cd)pyrene_____	690	U
53-70-3-----	Dibenz(a,h)anthracene_____	690	U
191-24-2-----	Benzo(g,h,i)perylene_____	690	U

(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ30MSD

Lab Name: S-CUBED

Contract: 68-D9-0027

Lab Code: S3

Case No.: 13345

SAS No.:

SDG No.: BCF12

Matrix: (soil/water) WATER

Lab Sample ID: MSD30

Sample wt/vol: 500.0 (g/mL) ML

Lab File ID: MSD30

Level: (low/med) LOW

Date Received: 12/13/89

% Moisture: not dec. _____ dec. _____

Date Extracted: 12/14/89

Extraction: (SepF/Cont/Sonc) CONT

Date Analyzed: 12/20/89

GPC Cleanup: (Y/N) N pH: 0.0

Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	170	X
111-44-4	bis(2-Chloroethyl)ether	20	U
95-57-8	2-Chlorophenol	190	X
541-73-1	1,3-Dichlorobenzene	20	U
106-46-7	1,4-Dichlorobenzene	65	X
100-51-6	Benzyl alcohol	20	U
95-50-1	1,2-Dichlorobenzene	20	U
95-48-7	2-Methylphenol	20	U
108-60-1	bis(2-Chloroisopropyl)ether	20	U
106-44-5	4-Methylphenol	20	U
621-64-7	N-Nitroso-di-n-propylamine	92	X
67-72-1	Hexachloroethane	20	U
98-95-3	Nitrobenzene	20	U
78-59-1	isophorone	20	U
88-75-5	2-Nitrophenol	20	U
105-67-9	2,4-Dimethylphenol	20	U
65-85-0	Benzoic acid	100	U
111-91-1	bis(2-Chloroethoxy)methane	20	U
120-83-2	2,4-Dichlorophenol	20	U
120-82-1	1,2,4-Trichlorobenzene	70	X
91-20-3	Naphthalene	20	U
106-47-8	4-Chloroaniline	20	U
87-68-3	Hexachlorobutadiene	20	U
59-50-7	4-Chloro-3-methylphenol	200	X
91-57-6	2-Methylnaphthalene	20	U
77-47-4	Hexachlorocyclopentadiene	20	U
88-06-2	2,4,6-Trichlorophenol	20	U
95-95-4	2,4,5-Trichlorophenol	100	U
91-58-7	2-Chloronaphthalene	20	U
88-74-4	2-Nitroaniline	100	U
131-11-3	Dimethylphthalate	20	U
208-96-8	Acenaphthylene	20	U
606-20-2	2,6-Dinitrotoluene	20	U

BCL 001 1709

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ30MSD

Lab Name: S-CUBED

Contract: 68-D9-0027

Lab Code: S3

Case No.: 13345

SAS No.:

SDG No.: BCF12

Matrix: (soil/water) WATER

Lab Sample ID: MSD30

Sample wt/vol: 500.0 (g/mL) ML

Lab File ID: MSD30

Level: (low/med) LOW

Date Received: 12/13/89

% Moisture: not dec. _____ dec. _____

Date Extracted: 12/14/89

Extraction: (SepF/Cont/Sonc) CONT

Date Analyzed: 12/20/89

GPC Cleanup: (Y/N) N pH: 0.0

Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	100	U
83-32-9	Acenaphthene	97	X
51-28-5	2,4-Dinitrophenol	100	U
100-02-7	4-Nitrophenol	190	X
132-64-9	Dibenzofuran	20	U
121-14-2	2,4-Dinitrotoluene	87	X
84-66-2	Diethylphthalate	20	U
7005-72-3	4-Chlorophenyl-phenylether	20	U
86-73-7	Fluorene	20	U
100-01-6	4-Nitroaniline	100	U
534-52-1	4,6-Dinitro-2-methylphenol	100	U
86-30-6	N-Nitrosodiphenylamine (1)	20	U
101-55-3	4-Bromophenyl-phenylether	20	U
118-74-1	Hexachlorobenzene	20	U
87-86-5	Pentachlorophenol	210	X
85-01-8	Phenanthrene	20	U
120-12-7	Anthracene	20	U
84-74-2	Di-n-butylphthalate	20	U
206-44-0	Fluoranthene	20	U
129-00-0	Pyrene	98	X
85-68-7	Butylbenzylphthalate	20	U
91-94-1	3,3'-Dichlorobenzidine	40	U
56-55-3	Benzo(a)anthracene	20	U
218-01-9	Chrysene	20	U
117-81-7	bis(2-Ethylhexyl)phthalate	20	U
117-84-0	Di-n-octylphthalate	20	U
205-99-2	Benzo(b)fluoranthene	20	U
207-08-9	Benzo(k)fluoranthene	20	U
50-32-8	Benzo(a)pyrene	20	U
193-39-5	Indeno(1,2,3-cd)pyrene	20	U
53-70-3	Dibenz(a,h)anthracene	20	U
191-24-2	Benzo(g,h,i)perylene	20	U

(1) - Cannot be separated from Diphenylamine

PE5

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCF12

Lab Name: S-CUBED

Contract: 68-D9-0027

Lab Code: S3

Case No.: 13345

SAS No.:

SDG No.: BCF12

Matrix: (soil/water) SOIL

Lab Sample ID: BCF12

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

Lab File ID: C1220031

Level: (low/med) LOW

Date Received: 12/12/89

% Moisture: not dec. 3 dec. _____

Date Extracted: 12/14/89

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 12/21/89

GPC Cleanup: (Y/N) N pH: 4.6

Dilution Factor: 1.000

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	
319-84-6	alpha-BHC	8.30	U J.
319-85-7	beta-BHC	8.30	U
319-86-8	delta-BHC	8.30	U
58-89-9	gamma-BHC (Lindane)	9.30	U
76-44-8	Heptachlor	8.30	U
309-00-2	Aldrin	8.30	U
1024-57-3	Heptachlor epoxide	9.30	U
959-98-8	Endosulfan I	2.30	U
60-57-1	Dieldrin	17.00	U
72-55-9	4,4'-DDE	17.00	U
72-20-8	Endrin	17.00	U
33213-65-9	Endosulfan II	17.00	U
72-54-8	4,4'-DDD	17.00	U
1031-07-8	Endosulfan sulfate	17.00	U
50-29-3	4,4'-DDT	17.00	U
72-43-5	Methoxychlor	83.00	U
53494-70-5	Endrin ketone	17.00	U
5103-71-9	alpha-Chlordane	83.00	U
5103-74-2	gamma-Chlordane	83.00	U
8001-35-2	Toxaphene	170.00	U
12674-11-2	Aroclor-1016	83.00	U
11104-28-2	Aroclor-1221	83.00	U
11141-16-5	Aroclor-1232	83.00	U
53469-21-9	Aroclor-1242	83.00	U
12672-29-6	Aroclor-1248	83.00	U
11097-69-1	Aroclor-1254	170.00	U
11096-82-5	Aroclor-1260	170.00	U

BCL 001 1711

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCF13

Lab Name: S-CUBED

Contract: 68-D9-0027

Lab Code: S3

Case No.: 13345

SAS No.:

SDG No.: BCF12

Matrix: (soil/water) SOIL

Lab Sample ID: BCF13

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

Lab File ID: C1220032

Level: (low/med) LOW

Date Received: 12/12/89

% Moisture: not dec. 16 dec. _____

Date Extracted: 12/14/89

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 12/21/89

GPC Cleanup: (Y/N) N pH: 6.0

Dilution Factor: 1.000

CONCENTRATION UNITS: *ug/L or ug/Kg* UG/KG *Q*

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
319-84-6	alpha-BHC	9.50	U <i>U</i>
319-85-7	beta-BHC	9.50	U
319-86-8	delta-BHC	9.50	U
58-89-9	gamma-BHC (Lindane)	9.50	U
76-44-8	Heptachlor	9.50	U
309-00-2	Aldrin	9.50	U
1024-57-3	Heptachlor epoxide	9.50	U
959-98-8	Endosulfan I	9.50	U
60-57-1	Dieldrin	19.00	U
72-55-9	4,4'-DDE	19.00	U
72-20-8	Endrin	19.00	U
33213-65-9	Endosulfan II	19.00	U
72-54-8	4,4'-DDD	19.00	U
1031-07-8	Endosulfan sulfate	19.00	U
50-29-3	4,4'-DDT	19.00	U
72-43-5	Methoxychlor	95.00	U
53494-70-5	Endrin ketone	19.00	U
5103-71-9	alpha-Chlordane	95.00	U
5103-74-2	gamma-Chlordane	95.00	U
8001-35-2	Toxaphene	190.00	U
12674-11-2	Aroclor-1016	95.00	U
11104-28-2	Aroclor-1221	95.00	U
11141-16-5	Aroclor-1232	95.00	U
53469-21-9	Aroclor-1242	95.00	U
12672-29-6	Aroclor-1248	95.00	U
11097-69-1	Aroclor-1254	190.00	U <i>U</i>
11096-82-5	Aroclor-1260	190.00	U <i>U</i>

BCL 001 1712

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ26

Lab Name: S-CUBED

Contract: 68-D9-0027

Lab Code: S3

Case No.: 13345

SAS No.:

SDG No.: BCF12

Matrix: (soil/water) SOIL

Lab Sample ID: BCZ26

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

Lab File ID: C1220025

Level: (low/med) LOW

Date Received: 12/12/89

% Moisture: not dec. 4 dec. _____

Date Extracted: 12/14/89

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 12/21/89

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

Dilution Factor: 1.000

CAS NO. COMPOUND CONCENTRATION UNITS: $\mu\text{g/L}$ or $\mu\text{g/Kg}$ UG/KG ^{4.25} _Q

319-84-6	alpha-BHC	8.30	U
319-85-7	beta-BHC	8.30	U
319-86-8	delta-BHC	8.30	U
58-89-9	gamma-BHC (Lindane)	8.30	U
76-44-8	Heptachlor	8.30	U
309-00-2	Aldrin	8.30	U
1024-57-3	Heptachlor epoxide	8.30	U
959-98-8	Endosulfan I	8.30	U
60-57-1	Dieldrin	17.00	U
72-55-9	4,4'-DDE	17.00	U
72-20-8	Endrin	17.00	U
33213-65-9	Endosulfan II	17.00	U
72-54-8	4,4'-DDD	17.00	U
1031-07-8	Endosulfan sulfate	17.00	U
50-29-3	4,4'-DDT	17.00	U
72-43-5	Methoxychlor	83.00	U
53494-70-5	Endrin ketone	17.00	U
5103-71-9	alpha-Chlordane	83.00	U
5103-74-2	gamma-Chlordane	83.00	U
8001-35-2	Toxaphene	170.00	U
12674-11-2	Aroclor-1016	83.00	U
11104-28-2	Aroclor-1221	83.00	U
11141-16-5	Aroclor-1232	83.00	U
53469-21-9	Aroclor-1242	83.00	U
12672-29-6	Aroclor-1248	83.00	U
11097-69-1	Aroclor-1254	170.00	U
11096-82-5	Aroclor-1260	170.00	U

BCL 001 1713

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ27

Lab Name: S-CUBED

Contract: 68-D9-0027

Lab Code: S3

Case No.: 13345

SAS No.:

SDG No.: BCF12

Matrix: (soil/water) SOIL

Lab Sample ID: BCZ27

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

Lab File ID: C1220033

Level: (low/med) LOW

Date Received: 12/12/89

% Moisture: not dec. 13 dec. _____

Date Extracted: 12/14/89

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 12/21/89

GPC Cleanup: (Y/N) N pH: 6.5

Dilution Factor: 1.000

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG *1000* Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	UG/KG
319-84-6	alpha-BHC	9.20	U J.
319-85-7	beta-BHC	9.20	U
319-86-8	delta-BHC	9.20	U
58-89-9	gamma-BHC (Lindane)	9.20	U
76-44-8	Heptachlor	9.20	U
309-00-2	Aldrin	9.20	U
1024-57-3	Heptachlor epoxide	9.20	U
959-98-8	Endosulfan I	9.20	U
60-57-1	Dieldrin	18.00	U
72-55-9	4,4'-DDE	18.00	U
72-20-8	Endrin	18.00	U
33213-65-9	Endosulfan II	18.00	U
72-54-8	4,4'-DDD	18.00	U
1031-07-8	Endosulfan sulfate	18.00	U
50-29-3	4,4'-DDT	18.00	U
72-43-5	Methoxychlor	92.00	U
53494-70-5	Endrin ketone	18.00	U
5103-71-9	alpha-Chlordane	92.00	U
5103-74-2	gamma-Chlordane	92.00	U
8001-35-2	Toxaphene	180.00	U
12674-11-2	Aroclor-1016	92.00	U
11104-28-2	Aroclor-1221	92.00	U
11141-16-5	Aroclor-1232	92.00	U
53469-21-9	Aroclor-1242	92.00	U
12672-29-6	Aroclor-1248	92.00	U
11097-69-1	Aroclor-1254	180.00	U
11096-82-5	Aroclor-1260	180.00	U J

BCL 001 1714

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. ✓

BCZ28

Lab Name: S-CUBED

Contract: 68-D9-0027

Lab Code: S3

Case No.: 13345

SAS No.:

SDG No.: BCF12

Matrix: (soil/water) SOIL

Lab Sample ID: BCZ28

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

Lab File ID: C1220034

Level: (low/med) LOW

Date Received: 12/13/89

% Moisture: not dec. 5 dec. _____

Date Extracted: 12/14/89

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 12/21/89

GPC Cleanup: (Y/N) N pH: 5.6

Dilution Factor: 1.000

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

319-84-6	alpha-BHC	8.40	U
319-85-7	beta-BHC	8.40	U
319-86-8	delta-BHC	8.40	U
58-89-9	gamma-BHC (Lindane)	8.40	U
76-44-8	Heptachlor	8.40	U
309-00-2	Aldrin	8.40	U
1024-57-3	Heptachlor epoxide	8.40	U
959-98-8	Endosulfan I	8.40	U
60-57-1	Dieldrin	17.00	U
72-55-9	4,4'-DDE	17.00	U
72-20-8	Endrin	17.00	U
33213-65-9	Endosulfan II	17.00	U
72-54-8	4,4'-DDD	17.00	U
1031-07-8	Endosulfan sulfate	17.00	U
50-29-3	4,4'-DDT	17.00	U
72-43-5	Methoxychlor	84.00	U
53494-70-5	Endrin ketone	17.00	U
5103-71-9	alpha-Chlordane	84.00	U
5103-74-2	gamma-Chlordane	84.00	U
8001-35-2	Toxaphene	170.00	U
12674-11-2	Aroclor-1016	84.00	U
11104-28-2	Aroclor-1221	84.00	U
11141-16-5	Aroclor-1232	84.00	U
53469-21-9	Aroclor-1242	84.00	U
12672-29-6	Aroclor-1248	84.00	U
11097-69-1	Aroclor-1254	170.00	U
11096-82-5	Aroclor-1260	170.00	U

BCL 001 1715

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ29

Lab Name: S-CUBED

Contract: 68-D9-0027

Lab Code: S3

Case No.: 13345

SAS No.:

SDG No.: BCF12

Matrix: (soil/water) SOIL

Lab Sample ID: BCZ29

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

Lab File ID: C1220035

Level: (low/med) LOW

Date Received: 12/13/89

% Moisture: not dec. 19 dec. _____

Date Extracted: 12/14/89

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 12/21/89

GPC Cleanup: (Y/N) N pH: 5.8

Dilution Factor: 1.000

CONCENTRATION UNITS: UG/L UG/KG Q

CAS NO.	COMPOUND	CONCENTRATION	UNIT
319-84-6	alpha-BHC	9.90	U
319-85-7	beta-BHC	9.90	U
319-86-8	delta-BHC	9.90	U
58-89-9	gamma-BHC (Lindane)	9.90	U
76-44-8	Heptachlor	9.90	U
309-00-2	Aldrin	9.90	U
1024-57-3	Heptachlor epoxide	9.90	U
959-98-8	Endosulfan I	9.90	U
60-57-1	Dieldrin	20.00	U
72-55-9	4,4'-DDE	20.00	U
72-20-8	Endrin	20.00	U
33213-65-9	Endosulfan II	20.00	U
72-54-8	4,4'-DDD	20.00	U
1031-07-8	Endosulfan sulfate	20.00	U
50-29-3	4,4'-DDT	20.00	U
72-43-5	Methoxychlor	99.00	U
53494-70-5	Endrin ketone	20.00	U
5103-71-9	alpha-Chlordane	99.00	U
5103-74-2	gamma-Chlordane	99.00	U
8001-35-2	Toxaphene	200.00	U
12674-11-2	Aroclor-1016	99.00	U
11104-28-2	Aroclor-1221	99.00	U
11141-16-5	Aroclor-1232	99.00	U
53469-21-9	Aroclor-1242	99.00	U
12672-29-6	Aroclor-1248	99.00	U
11097-69-1	Aroclor-1254	200.00	U
11096-82-5	Aroclor-1260	200.00	U

BCL 001 1716

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ30

Lab Name: S-CUBED

Contract: 68-D9-0027

Lab Code: S3

Case No.: 13345

SAS No.:

SDG No.: BCF12

Matrix: (soil/water) WATER

Lab Sample ID: BCZ30

Sample wt/vol: 500.0 (g/mL) ML

Lab File ID: C1220019

Level: (low/med) LOW

Date Received: 12/13/89

% Moisture: not dec. _____ dec. _____

Date Extracted: 12/14/89

Extraction: (SepF/Cont/Sonc) CONT

Date Analyzed: 12/21/89

GPC Cleanup: (Y/N) N pH: 0.0

Dilution Factor: 1.000

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

319-84-6	alpha-BHC	0.10	U
319-85-7	beta-BHC	0.10	U
319-86-8	delta-BHC	0.10	U
58-89-9	gamma-BHC (Lindane)	0.10	U
76-44-8	Heptachlor	0.10	U
309-00-2	Aldrin	0.10	U
1024-57-3	Heptachlor epoxide	0.10	U
959-98-8	Endosulfan I	0.10	U
60-57-1	Dieldrin	0.20	U
72-55-9	4,4'-DDE	0.20	U
72-20-8	Endrin	0.20	U
33213-65-9	Endosulfan II	0.20	U
72-54-8	4,4'-DDD	0.20	U
1031-07-8	Endosulfan sulfate	0.20	U
50-29-3	4,4'-DDT	0.20	U
72-43-5	Methoxychlor	1.00	U
53494-70-5	Endrin ketone	0.20	U
5103-71-9	alpha-Chlordane	1.00	U
5103-74-2	gamma-Chlordane	1.00	U
8001-35-2	Toxaphene	2.00	U
12674-11-2	Aroclor-1016	1.00	U
11104-28-2	Aroclor-1221	1.00	U
11141-16-5	Aroclor-1232	1.00	U
53469-21-9	Aroclor-1242	1.00	U
12672-29-6	Aroclor-1248	1.00	U
11097-69-1	Aroclor-1254	2.00	U
11096-82-5	Aroclor-1260	2.00	U

BCL 001 1717

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PBLK1

Lab Name: S-CUBED Contract: 68-D9-0027

Lab Code: S3 Case No.: 13345 SAS No.: SDG No.: BCF12

Matrix: (soil/water) WATER Lab Sample ID: PBLK1

Sample wt/vol: 1000 (g/mL) ML Lab File ID: C1220018

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

% Moisture: not dec. _____ dec. _____ Date Extracted: 12/14/89

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 12/21/89

GPC Cleanup: (Y/N) N pH: 0.0 Dilution Factor: 1.000

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

CAS NO.	COMPOUND	UG/L	Q
319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC	0.05	U
319-86-8	delta-BHC	0.05	U
58-89-9	gamma-BHC (Lindane)	0.05	U
76-44-8	Heptachlor	0.05	U
309-00-2	Aldrin	0.05	U
1024-57-3	Heptachlor epoxide	0.05	U
959-98-8	Endosulfan I	0.05	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	1.00	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	1.00	U
11096-82-5	Aroclor-1260	1.00	U

BCL 001 1718

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PBLK2

Name: S-CUBED Contract: 68-D9-0027
 Lab Code: S3 Case No.: 13345 SAS No.: SDG No.: BCF12
 Matrix: (soil/water) SOIL Lab Sample ID: PBLK2
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: C1220024
 Level: (low/med) LOW Date Received: / /
 Moisture: not dec. 0 dec. _____ Date Extracted: 12/14/89
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 12/21/89
 GPC Cleanup: (Y/N) N pH: 0.0 Dilution Factor: 1.000

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	8.00	U
319-85-7	beta-BHC	8.00	U
319-86-8	delta-BHC	8.00	U
58-89-9	gamma-BHC (Lindane)	8.00	U
76-44-8	Heptachlor	8.00	U
309-00-2	Aldrin	8.00	U
1024-57-3	Heptachlor epoxide	8.00	U
959-98-8	Endosulfan I	8.00	U
60-57-1	Dieldrin	16.00	U
72-55-9	4,4'-DDE	16.00	U
72-20-8	Endrin	16.00	U
33213-65-9	Endosulfan II	16.00	U
72-54-8	4,4'-DDD	16.00	U
1031-07-8	Endosulfan sulfate	16.00	U
50-29-3	4,4'-DDT	16.00	U
72-43-5	Methoxychlor	80.00	U
53494-70-5	Endrin ketone	16.00	U
5103-71-9	alpha-Chlordane	80.00	U
5103-74-2	gamma-Chlordane	80.00	U
8001-35-2	Toxaphene	160.00	U
12674-11-2	Aroclor-1016	80.00	U
11104-28-2	Aroclor-1221	80.00	U
11141-16-5	Aroclor-1232	80.00	U
53469-21-9	Aroclor-1242	80.00	U
12672-29-6	Aroclor-1248	80.00	U
11097-69-1	Aroclor-1254	160.00	U
11096-82-5	Aroclor-1260	160.00	U

BCL 001 1719

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ26MS

Lab Name: S-CUBED

Contract: 68-D9-0027

Lab Code: S3

Case No.: 13345

SAS No.:

SDG No.: BCF12

Matrix: (soil/water) SOIL

Lab Sample ID: MS226

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

Lab File ID: C1220026

Level: (low/med) LOW

Date Received: 12/12/89

% Moisture: not dec. 4 dec. _____

Date Extracted: 12/14/89

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 12/21/89

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

Dilution Factor: 1.000

CONCENTRATION UNITS:

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

Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	8.30	U
319-85-7	beta-BHC	8.30	U
319-86-8	delta-BHC	8.30	U
58-89-9	gamma-BHC (Lindane)	19.30 9.30	X
76-44-8	Heptachlor	24.40 12.00	X
309-00-2	Aldrin	19.50 9.50	X
1024-57-3	Heptachlor epoxide	8.30	U
959-98-8	Endosulfan I	8.30	U
60-57-1	Dieldrin	61.20 30.00	X
72-55-9	4,4'-DDE	17.00	U
72-20-8	Endrin	68.80 29.00	X
33213-65-9	Endosulfan II	17.00	U
72-54-8	4,4'-DDD	17.00	U
1031-07-8	Endosulfan sulfate	17.00	U
50-29-3	4,4'-DDT	34.50 21.00	X
72-43-5	Methoxychlor	83.00	U
53494-70-5	Endrin ketone	17.00	U
5103-71-9	alpha-Chlordane	83.00	U
5103-74-2	gamma-Chlordane	83.00	U
8001-35-2	Toxaphene	170.00	U
12674-11-2	Aroclor-1016	83.00	U
11104-28-2	Aroclor-1221	83.00	U
11141-16-5	Aroclor-1232	83.00	U
53469-21-9	Aroclor-1242	83.00	U
12672-29-6	Aroclor-1248	83.00	U
11097-69-1	Aroclor-1254	170.00	U
11096-82-5	Aroclor-1260	170.00	U

JR-
7-24-9

BCL 001 1720

474

PESTICIDE ORGANICS ANALYSIS DATA SHEET

RECEIVED JUL 1989

BCZ30MS

Lab Name: S-CUBED

Contract: 68-D9-0027

Lab Code: S3

Case No.: 13345

SAS No.:

SDG No.: BCF12

Matrix: (soil/water) WATER

Lab Sample ID: MSZ30

Sample wt/vol: 500.0 (g/mL) ML

Lab File ID: C1220020

Level: (low/med) LOW

Date Received: 12/13/89

% Moisture: not dec. _____ dec. _____

Date Extracted: 12/14/89

Extraction: (SepF/Cont/Sonc) CONT

Date Analyzed: 12/21/89

SPC Cleanup: (Y/N) N pH: 0.0

Dilution Factor: 1.000

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.10	U
319-85-7	beta-BHC	0.10	U
319-86-8	delta-BHC	0.10	U
58-89-9	gamma-BHC (Lindane)	0.24 - 0.12	X
76-44-8	Heptachlor	0.26 - 0.13	X
309-00-2	Aldrin	0.23 - 0.11	X
1024-57-3	Heptachlor epoxide	0.10	U
959-98-8	Endosulfan I	0.10	U
60-57-1	Dieldrin	0.66 - 0.34	X
72-55-9	4,4'-DDE	0.20	U
72-20-8	Endrin	0.73 - 0.32	X
33213-65-9	Endosulfan II	0.20	U
72-54-8	4,4'-DDD	0.20	U
1031-07-8	Endosulfan sulfate	0.20	U
50-29-3	4,4'-DDT	0.42 - 0.26	X
72-43-5	Methoxychlor	1.00	U
53494-70-5	Endrin ketone	0.20	U
5103-71-9	alpha-Chlordane	1.00	U
5103-74-2	gamma-Chlordane	1.00	U
8001-35-2	Toxaphene	2.00	U
12674-11-2	Aroclor-1016	1.00	U
11104-28-2	Aroclor-1221	1.00	U
11141-16-5	Aroclor-1232	1.00	U
53469-21-9	Aroclor-1242	1.00	U
12672-29-6	Aroclor-1248	1.00	U
11097-69-1	Aroclor-1254	2.00	U
11096-82-5	Aroclor-1260	2.00	U

JR
7-24-90

BCL 001 1721

1D RECEIVED JUL 26 1989
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCZ26MSD

Lab Name: S-CUBED

Contract: 68-D9-0027

Lab Code: S3

Case No.: 13345

SAS No.:

SDG No.: BCF12

Matrix: (soil/water) SOIL

Lab Sample ID: MSD26

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

Lab File ID: C1220027

Level: (low/med) LOW

Date Received: 12/12/89

% Moisture: not dec. 4 dec. _____

Date Extracted: 12/14/89

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 12/21/89

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

Dilution Factor: 1.000

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

CAS NO. COMPOUND Q

319-84-6	alpha-BHC	8.30	U
319-85-7	beta-BHC	8.30	U
319-86-8	delta-BHC	8.30	U
58-89-9	gamma-BHC (Lindane)	14.00	8.30 JX
76-44-8	Heptachlor	19.90	8.30 X
309-00-2	Aldrin	14.90	7.40 JX
1024-57-3	Heptachlor epoxide	8.30	U
959-98-8	Endosulfan I	8.30	U
60-57-1	Dieldrin	45.10	23.00 X
72-55-9	4,4'-DDE	17.00	U
72-20-8	Endrin	48.50	21.00 X
33213-65-9	Endosulfan II	17.00	U
72-54-8	4,4'-DDD	17.00	U
1031-07-8	Endosulfan sulfate	17.00	U
50-29-3	4,4'-DDT	23.10	15.00 JX
72-43-5	Methoxychlor	83.00	U
53494-70-5	Endrin ketone	17.00	U
5103-71-9	alpha-Chlordane	83.00	U
5103-74-2	gamma-Chlordane	83.00	U
8001-35-2	Toxaphene	170.00	U
12674-11-2	Aroclor-1016	83.00	U
11104-28-2	Aroclor-1221	83.00	U
11141-16-5	Aroclor-1232	83.00	U
53469-21-9	Aroclor-1242	83.00	U
12672-29-6	Aroclor-1248	83.00	U
11097-69-1	Aroclor-1254	170.00	U
11096-82-5	Aroclor-1260	170.00	U

JR
7-24-90

BCL 001 1722

484

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBAT61

Name: SKINNER & SHERMAN LABS.

Contract: 68-D9-0088

Code: SKINER

Case No.: 13345

SAS No.:

SDG No.: MBAT61

Matrix (soil/water): SOIL

Lab Sample ID: 12128-015

Level (low/med): LOW

Date Received: 12/12/89

Solids: 96.8

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	877.00		*	P
7440-36-0	Antimony	2.60	U		P
7440-38-2	Arsenic	1.80	B		F
7440-39-3	Barium	2.70	B		P
7440-41-7	Beryllium	0.40	U		P
7440-41-7	Cadmium	0.40	U		P
7440-70-2	Calcium	41.80	B		P
7440-47-3	Chromium	3.30		J	P
7440-48-4	Cobalt	1.50	B		P
7440-50-8	Copper	4.90	B		P
7439-89-6	Iron	1840.00		*	P
7439-92-1	Lead	1.30			F
7439-95-4	Magnesium	154.00	B	J	P
7439-96-5	Manganese	34.80			P
7439-97-6	Mercury	0.09	U		CV
7440-02-0	Nickel	0.99	U		P
7440-09-7	Potassium	77.70	U		P
7782-49-2	Selenium	8.59	B	WJ	F
7440-22-4	Silver	0.79	U		P
7440-23-5	Sodium	16.70	U		P
7440-28-0	Thallium	0.60	U		F
7440-62-2	Vanadium	1.90	B		P
7440-66-6	Zinc	2.40	B		P
	Cyanide				NR

↑
2/5 DR
↓

Color Before: BROWN

Clarity Before:

Texture: COARSE

Color After: BROWN

Clarity After:

Artifacts: YES

Comments:

STONES

000002

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBAT62

Lab Name: SKINNER & SHERMAN LABS.

Contract: 68-D9-0088

Lab Code: SKINER

Case No.: 13345

SAS No.:

SDG No.: MBAT61

Matrix (soil/water): SOIL

Lab Sample ID: 12128-025

Level (low/med): LOW

Date Received: 12/12/89

Solids: 85.2

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	422.00		*	P
7440-36-0	Antimony	3.00	U		P
7440-38-2	Arsenic	0.69	B	✓	F
7440-39-3	Barium	1.70	B		P
7440-41-7	Beryllium	0.46	U		P
7440-41-7	Cadmium	0.46	U		P
7440-70-2	Calcium	37.90	B		P
7440-47-3	Chromium	2.40		J	P
7440-48-4	Cobalt	0.91	U		P
7440-50-8	Copper	2.90	B		P
7439-89-6	Iron	1070.00			P
7439-92-1	Lead	0.73		J	F
7439-95-4	Magnesium	125.00	B	J	P
7439-96-5	Manganese	15.50			P
7439-97-6	Mercury	0.11	U		CV
7440-02-0	Nickel	1.10	U		P
7440-09-7	Potassium	89.10	U		P
7782-49-2	Selenium	0.59	B	J	F
7440-22-4	Silver	0.91	U		P
7440-23-5	Sodium	19.10	U		P
7440-28-0	Thallium	0.68	U		F
7440-62-2	Vanadium	0.91	U		P
7440-66-6	Zinc	2.10	B		P
	Cyanide				NR

↑
2/5 PA
↓

Color Before: BROWN

Clarity Before:

Texture: COARSE

Color After: BROWN

Clarity After:

Artifacts: YES

Comments:

STONES

BCL 001 1724

000003

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBAT63

Name: SKINNER & SHERMAN LABS.

Contract: 68-D9-D088

Lab Code: SKINER

Case No.: 13345

SAS No.:

SDG No.: MBAT61

Matrix (soil/water): SOIL

Lab Sample ID: 12128-03S

Level (low/med): LOW

Date Received: 12/12/89

Moisture Solids: 96.1

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	773.00		*	P
7440-36-0	Antimony	2.60	U		P
7440-38-2	Arsenic	0.73	B		F
7440-39-3	Barium	2.10	B		P
7440-41-7	Beryllium	0.40	U		P
7440-41-7	Cadmium	0.40	U		P
7440-70-2	Calcium	44.60	B		P
7440-47-3	Chromium	4.90		J	P
7440-48-4	Cobalt	0.79	U		P
7440-50-8	Copper	2.60	B		P
7439-89-6	Iron	2870.00		*	P
7439-92-1	Lead	0.87		U	F
7439-95-4	Magnesium	124.00	B		P
7439-96-5	Manganese	26.50			P
7439-97-6	Mercury	0.09	U		CV
7440-02-0	Nickel	0.99	U		P
7440-09-7	Potassium	77.50	U		P
7782-49-2	Selenium	8.39	U	WJ	F
7440-22-4	Silver	0.79	U		P
7440-23-5	Sodium	37.60	B		P
7440-28-0	Thallium	0.58	U		F
7440-62-2	Vanadium	2.80	B		P
7440-66-6	Zinc	2.50	B		P
	Cyanide				NR

2/5 OK

Color Before: BROWN

Clarity Before:

Texture: MEDIUM

Color After: BROWN

Clarity After:

Artifacts: YES

Comments:

STONES

000004

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBAT64

Lab Name: SKINNER & SHERMAN LABS.

Contract: 68-D9-0088

Lab Code: SKINER

Case No.: 13345

SAS No.:

SDG No.: MBAT61

Matrix (soil/water): SOIL

Lab Sample ID: 12128-045

Level (low/med): LOW

Date Received: 12/12/89

Solids:

88.3

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

CAS No.	Analyte	Concentration	C	D	M
7429-90-5	Aluminum	261.00		*	P
7440-36-0	Antimony	2.70	U		P
7440-38-2	Arsenic	0.97	B		F
7440-39-3	Barium	1.50	B		P
7440-41-7	Beryllium	0.42	U		P
7440-41-7	Cadmium	0.42	U		P
7440-70-2	Calcium	35.60	B		P
7440-47-3	Chromium	6.50		J	P
7440-48-4	Cobalt	0.84	U		P
7440-50-8	Copper	3.80	B		P
7439-89-6	Iron	1330.00		*	P
7439-92-1	Lead	1.20		J	F
7439-95-4	Magnesium	47.60	B		P
7439-96-5	Manganese	21.70			P
7439-97-6	Mercury	0.09	U		CV
7440-02-0	Nickel	1.00	U		P
7440-09-7	Potassium	82.00	U		P
7782-49-2	Selenium	0.88	B		F
7440-22-4	Silver	0.84	U		P
7440-23-5	Sodium	18.90	B		P
7440-28-0	Thallium	0.64	U		F
7440-62-2	Vanadium	1.30	B		P
7440-66-6	Zinc	2.40	B		P
	Cyanide				NR

2/5 DR

Color Before: BROWN

Clarity Before:

Texture: COARSE

Color After: BROWN

Clarity After:

Artifacts: YES

Comments:

STONES

00005

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBAT65

Lab Name: SKINNER & SHERMAN LABS.

Contract: 68-D9-0088

Lab Code: SKINER

Case No.: 13345

SAS No.:

SDG No.: MBAT61

Matrix (soil/water): SOIL

Lab Sample ID: 12128-055

Level (low/med): LOW

Date Received: 12/13/89

Solids: 94.9

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1360.00		*	P
7440-36-0	Antimony	2.60	U		P
7440-38-2	Arsenic	1.20	B		F
7440-39-3	Barium	3.10	B		P
7440-41-7	Beryllium	0.41	U		P
7440-41-7	Cadmium	0.41	U		P
7440-70-2	Calcium	84.00	B		P
7440-47-3	Chromium	4.80		J	P
7440-48-4	Cobalt	0.84	B		P
7440-50-8	Copper	2.10	B		P
7439-89-6	Iron	1730.00		*	P
7439-92-1	Lead	1.90			F
7439-95-4	Magnesium	177.00	B	J	P
7439-96-5	Manganese	21.00			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	1.00	U		P
7440-09-7	Potassium	79.20	U		P
7782-49-2	Selenium	0.39	U		F
7440-22-4	Silver	0.81	U		P
7440-23-5	Sodium	17.00	U		P
7440-28-0	Thallium	0.59	U		F
7440-62-2	Vanadium	2.60	B		P
7440-66-6	Zinc	3.20	B		P
	Cyanide				NR

2/5 OK

Color Before: BROWN

Clarity Before:

Texture: MEDIUM

Color After: BROWN

Clarity After:

Artifacts: YES

Comments:

STONES

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBAT66

Lab Name: SKINNER & SHERMAN LABS.

Contract: 68-D9-0088

Lab Code: SKINER

Case No.: 13345

SAS No.:

SDG No.: MBAT61

Matrix (soil/water): DIL

Lab Sample ID: 12128-06S

Level (low/med): LOW

Date Received: 12/13/89

Solids: 86.8

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

CAS No.	Analyte	Concentration	C	D	M
7429-90-5	Aluminum	219.00		*	P
7440-36-0	Antimony	2.80	U		P
7440-38-2	Arsenic	0.73	B		F
7440-39-3	Barium	1.50	B		P
7440-41-7	Beryllium	0.43	U		P
7440-41-7	Cadmium	0.43	U		P
7440-70-2	Calcium	28.20	B		P
7440-47-3	Chromium	2.10	B	J	P
7440-48-4	Cobalt	0.87	U		P
7440-50-8	Copper	1.70	B		P
7439-89-6	Iron	662.00		*	P
7439-92-1	Lead	0.57	B	J	F
7439-95-4	Magnesium	54.00	B		P
7439-96-5	Manganese	9.80			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	1.10	U		P
7440-09-7	Potassium	85.00	U		P
7782-49-2	Selenium	0.57	B	J	F
7440-22-4	Silver	0.87	U		P
7440-23-5	Sodium	18.30	U		P
7440-28-0	Thallium	0.64	U		F
7440-62-2	Vanadium	0.87	U		P
7440-66-6	Zinc	1.30	U		P
	Cyanide				NR

2/5DR

Color Before: BROWN

Clarity Before:

Texture: COARSE

Color After: BROWN

Clarity After:

Artifacts: YES

Comments:

STONES

BCL 001 1728

00007

INORGANIC ANALYSIS DATA SHEET

MBBE00

Name: SKINNER & SHERMAN LABS.

Contract: 68-D9-0088

Lab Code: SKINER

Case No.: 13345

SAS No.:

SDG No.: MBAT61

Matrix (soil/water): WATER

Lab Sample ID: 12128-075

Level (low/med): LOW

Date Received: 12/13/89

Solids: D.D

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

CAS No.	Analyte	Concentration	C	G	M
7429-90-5	Aluminum	22.00	U		P
7440-36-0	Antimony	13.00	U		P
7440-38-2	Arsenic	2.00	U		F
7440-39-3	Barium	2.80	B		P
7440-41-7	Beryllium	2.00	U		P
7440-41-7	Cadmium	2.00	U		P
7440-70-2	Calcium	36.90	B		P
7440-47-3	Chromium	5.00	U		P
7440-48-4	Cobalt	4.00	U		P
7440-50-8	Copper	6.00	U		P
7439-89-6	Iron	2.00			P
7439-92-1	Lead	2.00	U		F
7439-95-4	Magnesium	37.00	U		P
7439-96-5	Manganese	2.00	U		P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	7.30	B		P
7440-09-7	Potassium	391.00	U		P
7782-49-2	Selenium	2.00	U		F
7440-22-4	Silver	4.00	U		P
7440-23-5	Sodium	162.00	B		P
7440-28-0	Thallium	3.00	U		F
7440-62-2	Vanadium	4.00	U		P
7440-66-6	Zinc	8.60	B		P
	Cyanide				NR

Color Before: COLORLESS

Clarity Before: CLEAR

Texture:

Color After: COLORLESS

Clarity After: CLEAR

Artifacts:

Comments:

00008