L0470050002--Edwards Co.
Champion Laboratories Inc.
ILD990785552
Vol. 2 of 2

CERCLA
Screening Site Inspection Analytical Results

Illinois Environmental Protection Agency
P.O. Box 19276
Springfield, IL 62794-9276

EPA Region 5 Records Ctr.
300848

Confidential Material May be Enclosed

APPENDIX F

CHEMICAL ANALYSIS DATA OF IEPA COLLECTED SAMPLES

Illinois Environmental Protection Agency · P.O. Box 19276, Springfield, IL 62794-9276

MEMORANDUM

DATE: September 14, 1989

TO: Ken Corkill

FROM: Ron Turpin & Jim Shaw

SUBJECT: Review of Data Package
Edwards County/Champion Labs

The Division of Laboratories Quality Assurance Section has reviewed the above referenced data package. The package is for 1 oil sample for VOAs and 9 soil samples for Target Compound List (TCL) Organics and Inorganics. The data is valid as qualified on the attached Forms I.

attachments

cc: John Hurley
Karl Reed
Tom Krause
Bob Staber

RECEIVED
SEP 15 1989
IEPA-DLPC

VOLATILE ORGANICS 1A ANALYSIS DATA SHEET

EPA SAMPLE NO.

S101

Lab Name: ILLINOIS EPA Contract: 0470050002

Lab Code: SPFLD Case No.: CHAMP SAS No.: _____ SDG No.: D97430

Matrix: (soil/water) SOIL Lab Sample ID: D974301

Sample wt/vol: 0.10 (g/mL) G Lab File ID: A0728BF09

Level: (low/med) MED Date Received: 07/19/89

% Moisture: not dec. ____ Date Analyzed: 07/28/89

Column: (pack/cap) WIDE Dilution Factor: 0.990

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

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	40000	U
74-83-9	Bromomethane	40000	U
75-01-4	Vinyl Chloride	40000	U
75-00-3	Chloroethane	40000	U
75-09-2	Methylene Chloride	1300	J
67-64-1	Acetone	40000	U
75-15-0	Carbon Disulfide	20000	U
75-35-4	1,1-Dichloroethene	20000	U
75-35-3	1,1-Dichloroethane	20000	U
540-59-0	1,2-Dichloroethene (total)	20000	U
67-66-3	Chloroform	20000	U
107-06-2	1,2-Dichloroethane	20000	U
78-93-3	2-Butanone	40000	~~U~~ R
71-55-6	1,1,1-Trichloroethane	20000	U
56-23-5	Carbon Tetrachloride	20000	U
108-05-4	Vinyl Acetate	40000	U
75-27-4	Bromodichloromethane	20000	U
78-87-5	1,2-Dichloropropane	20000	U
10061-01-5	cis-1,3-Dichloropropene	20000	U
79-01-6	Trichloroethene	20000	U
124-48-1	Dibromochloromethane	20000	U
79-00-5	1,1,2-Trichloroethane	20000	U
71-43-2	Benzene	20000	U
10061-02-6	Trans-1,3-Dichloropropene	20000	U
75-25-2	Bromoform	20000	U
108-10-1	4-Methyl-2-Pentanone	40000	U
591-78-6	2-Hexanone	40000	U
127-18-4	Tetrachloroethene	20000	U
79-34-5	1,1,2,2-Tetrachloroethane	40000	U
108-88-3	Toluene	2300	J
108-90-7	Chlorobenzene	20000	U
100-41-4	Ethylbenzene	20000	U
100-42-5	Styrene	20000	U
	Total Xylenes	1000	J

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

S101

Lab Name: ILLINOIS EPA Contract: 0470050002

Lab Code: SPFLD Case No.: CHAMP SAS No.: _____ SDG No.: D97430

Matrix: (soil/water) SOIL Lab Sample ID: D974301

Sample wt/vol: 0.10 (g/mL) G Lab File ID: A0723BK09

Level: (low/med) MED Date Received: 07/19/89

% Moisture: not dec. ____ Date Analyzed: 07/28/89

Column (pack/cap) WIDE Dilution Factor: 0.990

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

S102

Lab Name: ILLINOIS EPA Contract: 0470050002

Lab Code: SPFLD Case No.: CHAMP SAS No.: _____ SDG No.: D97430

Matrix: (soil/water) SOIL Lab Sample ID: D974307

Sample wt/vol: 5.0 (g/mL) G Lab File ID: A0726B108

Level: (low/med) LOW Date Received: 07/19/89

% Moisture: not dec. 46 Date Analyzed: 07/26/89

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	19	U
74-83-9	Bromomethane	19	U
75-01-4	Vinyl Chloride	19	U
75-00-3	Chloroethane	19	U
75-09-2	Methylene Chloride	2	J
67-64-1	Acetone	67	J
75-15-0	Carbon Disulfide	9	U
75-35-4	1,1-Dichloroethene	9	U
75-35-3	1,1-Dichloroethane	9	U
540-59-0	1,2-Dichloroethene (total)	9	U
67-66-3	Chloroform	9	U
107-06-2	1,2-Dichloroethane	9	U
78-93-3	2-Butanone	8	J
71-55-6	1,1,1-Trichloroethane	9	U
56-23-5	Carbon Tetrachloride	9	U
108-05-4	Vinyl Acetate	19	U
75-27-4	Bromodichloromethane	9	U
78-87-5	1,2-Dichloropropane	9	U
10061-01-5	cis-1,3-Dichloropropene	9	U
79-01-6	Trichloroethene	9	U
124-48-1	Dibromochloromethane	9	U
79-00-5	1,1,2-Trichloroethane	9	U
71-43-2	Benzene	9	U
10061-02-6	Trans-1,3-Dichloropropene	9	U
75-25-2	Bromoform	9	U
108-10-1	4-Methyl-2-Pentanone	19	U
591-78-6	2-Hexanone	19	U
127-18-4	Tetrachloroethene	9	U
79-34-5	1,1,2,2-Tetrachloroethane	19	U
108-88-3	Toluene	9	U
108-90-7	Chlorobenzene	9	U
100-41-4	Ethylbenzene	9	U
100-42-5	Styrene	9	U
----------	Total Xylenes	9	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

S102

Lab Name: ILLINOIS EPA Contract: 0470050002

Lab Code: SPFLD Case No.: CHAMP SAS No.: _____ SDG No.: D97470

Matrix: (soil/water) SOIL Lab Sample ID: D974702

Sample wt/vol: 5.0 (g/mL) G Lab File ID: A0726B108

Level: (low/med) LOW Date Received: 07/19/89

% Moisture: not dec. 46 Date Analyzed: 07/26/89

Column (pack/cap) WIDE Dilution Factor: 1.00

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

S103

Lab Name: ILLINOIS EPA Contract: 0470050002

Lab Code: SPFLD Case No.: CHAMP SAS No.: _____ SDG No.: D97430

Matrix: (soil/water) SOIL Lab Sample ID: D974304

Sample wt/vol: 5.0 (g/mL) G Lab File ID: A0726B109

Level: (low/med) LOW Date Received: 07/19/89

% Moisture: not dec. 23 Date Analyzed: 07/26/89

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/KG	Q
74-87-3	Chloromethane	13	U
74-83-9	Bromomethane	13	U
75-01-4	Vinyl Chloride	13	U
75-00-3	Chloroethane	13	U
75-09-2	Methylene Chloride	6	U
67-64-1	Acetone	13	U
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-35-3	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	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	Trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	13	U
591-78-6	2-Hexanone	13	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	13	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
----------	Total Xylenes	6	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

S103

Lab Name: ILLINOIS EPA Contract: 0470050002

Lab Code: SPFLD Case No.: CHAMP SAS No.: _____ SDG No.: D97430

Matrix: (soil/water) SOIL Lab Sample ID: D974304

Sample wt/vol: 5.0 (g/mL) G Lab File ID: A0726B109

Level: (low/med) LOW Date Received: 07/19/89

% Moisture: not dec. 23 Date Analyzed: 07/26/89

Column (pack/cap) WIDE Dilution Factor: 1.00

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

S104

Lab Name: ILLINOIS EPA Contract: 0470050002

Lab Code: SPFLD Case No.: CHAMP SAS No.: _____ SDG No.: D97430

Matrix: (soil/water) SOIL Lab Sample ID: D974305

Sample wt/vol: 5.0 (g/mL) G Lab File ID: A0726BK10

Level: (low/med) LOW Date Received: 07/19/89

% Moisture: not dec. 28 Date Analyzed: 07/26/89

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/KG	Q
74-87-3	Chloromethane	14	U
74-83-9	Bromomethane	14	U
75-01-4	Vinyl Chloride	14	U
75-00-3	Chloroethane	14	U
75-09-2	Methylene Chloride	1	J
67-64-1	Acetone	200	J
75-15-0	Carbon Disulfide	7	U
75-35-4	1,1-Dichloroethene	7	U
75-35-3	1,1-Dichloroethane	7	U
540-59-0	1,2-Dichloroethene (total)	7	U
67-66-3	Chloroform	7	U
107-06-2	1,2-Dichloroethane	7	U
78-93-3	2-Butanone	14	UR
71-55-6	1,1,1-Trichloroethane	7	U
56-23-5	Carbon Tetrachloride	7	U
108-05-4	Vinyl Acetate	14	U
75-27-4	Bromodichloromethane	7	U
78-87-5	1,2-Dichloropropane	7	U
10061-01-5	cis-1,3-Dichloropropene	7	U
79-01-6	Trichloroethene	7	U
124-48-1	Dibromochloromethane	7	U
79-00-5	1,1,2-Trichloroethane	7	U
71-43-2	Benzene	7	U
10061-02-6	Trans-1,3-Dichloropropene	7	U
75-25-2	Bromoform	7	U
108-10-1	4-Methyl-2-Pentanone	14	U
591-78-6	2-Hexanone	14	U
127-18-4	Tetrachloroethene	7	U
79-34-5	1,1,2,2-Tetrachloroethane	14	U
108-88-3	Toluene	7	U
108-90-7	Chlorobenzene	7	U
100-41-4	Ethylbenzene	7	U
100-42-5	Styrene	7	U
----------	Total Xylenes	7	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

S104

Lab Name: ILLINOIS EPA Contract: 0470050002

Lab Code: SPFLD Case No.: CHAMP SAS No.: _____ SDG No.: D97430

Matrix: (soil/water) SOIL Lab Sample ID: D974305

Sample wt/vol: 5.0 (g/mL) G Lab File ID: A07268K10

Level: (low/med) LOW Date Received: 07/19/89

% Moisture: not dec. 28 Date Analyzed: 07/26/89

Column (pack/cap) WIDE Dilution Factor: 1.00

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X101

Lab Name: ILLINOIS EPA Contract: 0470050002

Lab Code: EPFLD Case No.: CHAMP SAS No.: _____ SDG No.: D97430

Matrix: (soil/water) SOIL Lab Sample ID: D974306

Sample wt/vol: 2.0 (g/mL) G Lab File ID: A0728BK07

Level: (low/med) MED Date Received: 07/19/89

% Moisture: not dec. 16 Date Analyzed: 07/28/89

Column: (pack/cap) WIDE Dilution Factor: 0.995

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	2400	U
74-83-9	Bromomethane	2400	U
75-01-4	Vinyl Chloride	2400	U
75-00-3	Chloroethane	2400	U
75-09-2	Methylene Chloride	1200	U
67-64-1	Acetone	2400	U
75-15-0	Carbon Disulfide	1200	U
75-35-4	1,1-Dichloroethene	1200	U
75-34-3	1,1-Dichloroethane	1200	U
540-59-0	1,2-Dichloroethene (total)	1200	U
67-66-3	Chloroform	1200	U
107-06-2	1,2-Dichloroethane	1200	U
78-93-3	2-Butanone	2400	UR
71-55-6	1,1,1-Trichloroethane	1200	U
56-23-5	Carbon Tetrachloride	1200	U
108-05-4	Vinyl Acetate	2400	U
75-27-4	Bromodichloromethane	1200	U
78-87-5	1,2-Dichloropropane	1200	U
10061-01-5	cis-1,3-Dichloropropene	1200	U
79-01-6	Trichloroethene	1200	U
124-48-1	Dibromochloromethane	1200	U
79-00-5	1,1,2-Trichloroethane	1200	U
71-43-2	Benzene	1200	U
10061-02-6	Trans-1,3-Dichloropropene	1200	U
75-25-2	Bromoform	1200	U
108-10-1	4-Methyl-2-Pentanone	2400	U
591-78-6	2-Hexanone	2400	U
127-18-4	Tetrachloroethene	1200	U
79-34-5	1,1,2,2-Tetrachloroethane	2400	U
108-88-3	Toluene	1700	
108-90-7	Chlorobenzene	1200	U
100-41-4	Ethylbenzene	1200	U
100-42-5	Styrene	1200	U
----------	Total Xylenes	1200	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X101

Lab Name: ILLINOIS EPA Contract: 0470050002

Lab Code: SPFLD Case No.: CHAMP SAS No.: _____ SDG No.: D97430

Matrix: (soil/water) _____ Lab Sample ID: D974306

Sample wt/vol: 2.0 (g/mL) ML Lab File ID: A0728BM03T

Level: (low/med) MED Date Received: 07/19/89

% Moisture: not dec. 16 Date Analyzed: 07/28/89

Column (pack/cap) WIDE Dilution Factor: 0.400

Number TICs found: 7

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	16.69	3900	J
2.	UNKNOWN ALIP. HYDROCARBON	17.50	10000	J
3.	UNKNOWN ALIP. HYDROCARBON	17.84	2200	J
4.	UNKNOWN	18.57	4800	J
5.	UNKNOWN ALIP. HYDROCARBON	19.10	6600	J
6.	UNKNOWN ALIP. HYDROCARBON	19.37	8000	J
7.	UNKNOWN	19.74	6800	J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X102

Lab Name: ILLINOIS EPA Contract: 0470050002

Lab Code: SPFLD Case No.: CHAMP SAS No.: _____ SDG No.: D97430

Matrix: (soil/water) SOIL Lab Sample ID: D974307

Sample wt/vol: 5.0 (g/mL) G Lab File ID: A0728BK05

Level: (low/med) LOW Date Received: 07/19/89

% Moisture: not dec. 47 Date Analyzed: 07/28/89

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	19	U
74-83-9	Bromomethane	19	U
75-01-4	Vinyl Chloride	19	U
75-00-3	Chloroethane	19	U
75-09-2	Methylene Chloride	3	J
67-64-1	Acetone	67	
75-15-0	Carbon Disulfide	9	U
75-35-4	1,1-Dichloroethene	9	U
75-34-3	1,1-Dichloroethane	9	U
540-59-0	1,2-Dichloroethene (total)	9	U
67-66-3	Chloroform	9	U
107-06-2	1,2-Dichloroethane	9	U
78-93-3	2-Butanone	15	J
71-55-6	1,1,1-Trichloroethane	9	U
56-23-5	Carbon Tetrachloride	9	U
108-05-4	Vinyl Acetate	19	U
75-27-4	Bromodichloromethane	9	U
78-87-5	1,2-Dichloropropane	9	U
10061-01-5	cis-1,3-Dichloropropene	9	U
79-01-6	Trichloroethene	9	U
124-48-1	Dibromochloromethane	9	U
79-00-5	1,1,2-Trichloroethane	9	U
71-43-2	Benzene	1	J
10061-02-6	Trans-1,3-Dichloropropene	9	U
75-25-2	Bromoform	9	U
108-10-1	4-Methyl-2-Pentanone	19	U
591-78-6	2-Hexanone	19	U
127-18-4	Tetrachloroethene	9	U
79-34-5	1,1,2,2-Tetrachloroethane	2	J
108-88-3	Toluene	12	
108-90-7	Chlorobenzene	9	U
100-41-4	Ethylbenzene	7	J
100-42-5	Styrene	9	U
----------	Total Xylenes	45	

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Lab Name: ILLINOIS EPA Contract: [illegible]

Lab Code: SPFLD Case No.: CHAMP SAS No.: SDG No.: [illegible]

Matrix: (soil/water) _____ Lab Sample ID: [illegible]

Sample wt/vol: 5.0 [illegible] Lab File ID: [illegible]

Level: (low/med) [illegible] Date Received: [illegible]

% Moisture: not [illegible] 47 Date Analyzed: [illegible]

[illegible] (frac/cap) WIDE Dilution Factor: 1.00

Number TICs found: 4

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN ALIP. HYDROCARBON	10.04	7.7	J
2.	UNKNOWN	12.89	4.5	J
3.	UNKNOWN	15.64	6.0	J
4.	UNKNOWN ALIP. HYDROCARBON	17.44	20	J

VOLATILE ORGANICS ANALYSIS DATA SHEET

1A

EPA SAMPLE NO.

X103

Lab Name: ILLINOIS EPA Contract: 0470050002

Lab Code: SPFLD Case No.: CHAMP SAS No.: _____ SDG No.: D97430

Matrix: (soil/water) SOIL Lab Sample ID: D974308

Sample wt/vol: 5.0 (g/mL) G Lab File ID: A0727BK02

Level: (low/med) LOW Date Received: 07/19/89

% Moisture: not dec. 5 Date Analyzed: 07/27/89

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	7	
67-64-1	Acetone	77	
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	2	J
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	12	J
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
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U J
127-18-4	Tetrachloroethene	5	U J
79-34-5	1,1,2,2-Tetrachloroethane	11	U J
108-88-3	Toluene	1	J
108-90-7	Chlorobenzene	29	J
100-41-4	Ethylbenzene	5	U J
100-42-5	Styrene	5	U J
----------	Total Xylenes	0.6	J

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X103

Lab Name: ILLINOIS EPA Contract: 0470050002

Lab Code: SPFLD Case No.: CHAMP SAS No.: _____ SDG No.: D97430

Matrix: (soil/water) _____ Lab Sample ID: D974308

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: A0727BK02T

Level: (low/med) LOW Date Received: 07/19/89

% Moisture: not dec. 5 Date Analyzed: 07/27/89

Column (pack/cap) WIDE 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.	TRICHLOROFLUOROMETHANE	1.28	2.2	J

VOLATILE ORGANICS 1A ANALYSIS DATA SHEET

EPA SAMPLE NO.

X104

Lab Name: ILLINOIS EPA Contract: 0470050002

Lab Code: SPFLD Case No.: CHAMP SAS No.: _____ SDG No.: D97430

Matrix: (soil/water) SOIL Lab Sample ID: D974309

Sample wt/vol: 5.0 (g/mL) G Lab File ID: A0727BK04

Level: (low/med) LOW Date Received: 07/19/89

% Moisture: not dec. 6 Date Analyzed: 07/27/89

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	3	J
67-64-1	Acetone	230	
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-35-3	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	83	J
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
10061-01-5	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	40	J
591-78-6	2-Hexanone	25	J
127-18-4	Tetrachloroethene	5	UJ
79-34-5	1,1,2,2-Tetrachloroethane	11	UJ
108-88-3	Toluene	9	J
108-90-7	Chlorobenzene	5	UJ
100-41-4	Ethylbenzene	5	UJ
100-42-5	Styrene	5	UJ
	Total Xylenes	10	J

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X104

Lab Name: ILLINOIS EPA Contract: 0470050002

Lab Code: SPFLD Case No.: CHAMP SAS No.: _____ SDG No.: D97430

Matrix: (soil/water) _____ Lab Sample ID: D974309

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: A0727BK04T

Level: (low/med) LOW Date Received: 07/19/89

% Moisture: not dec. 6 Date Analyzed: 07/27/89

Column (pack/cap) WIDE Dilution Factor: 1.00

Number TICs found: 2

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN ALIPHATIC KETONE	5.77	6.3	J
2.	HEXANAL	12.30	11	J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X105

Lab Name: ILLINOIS EPA Contract: 0470050002

Lab Code: SPFLD Case No.: CHAMP SAS No.: _____ SDG No.: D97430

Matrix: (soil/water) SOIL Lab Sample ID: D974310

Sample wt/vol: 5.0 (g/mL) G Lab File ID: A0727BK06

Level: (low/med) LOW Date Received: 07/19/89

% Moisture: not dec. 17 Date Analyzed: 07/27/89

Column: (pack/cap) WIDE 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	1[illegible]	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	0.9	J
67-64-1	Acetone	12	U
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-35-3	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	UR
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	12	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
	Total Xylenes	6	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X105

Lab Name: ILLINOIS EPA Contract: 0470050002

Lab Code: SPFLD Case No.: CHAMP SAS No.: _____ SDG No.: D97430

Matrix: (soil/water) SOIL Lab Sample ID: D974310

Sample wt/vol: 5.0 (g/mL) G Lab File ID: A0727BK06

Level: (low/med) LOW Date Received: 07/19/89

% Moisture: not dec. 17 Date Analyzed: 07/27/89

Column (pack/cap) WIDE 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

VOLATILE ORGANICS 1A ANALYSIS DATA SHEET

EPA SAMPLE NO.

X106

Lab Name: ILLINOIS EPA Contract: 0470050002

Lab Code: SPFLD Case No.: CHAMP SAS No.: _____ SDG No.: D97430

Matrix: (soil/water) SOIL Lab Sample ID: D974311

Sample wt/vol: 5.0 (g/mL) G Lab File ID: A07275R07

Level: (low/med) LOW Date Received: 07/19/89

% Moisture: not dec. 6 Date Analyzed: 07/27/89

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

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

CAS NO.	COMPOUND		C
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	1	J
67-64-1	Acetone	11	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-35-3	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	UR
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
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	11	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
	Total Xylenes	2	J

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X106

Lab Name: ILLINOIS EPA Contract: 0470050002

Lab Code: SPFLD Case No.: CHAMP SAS No.: _____ SDG No.: D97430

Matrix: (soil/water) SOIL Lab Sample ID: D974311

Sample wt/vol: 5.0 (g/mL) G Lab File ID: A0727BK07

Level: (low/med) LOW Date Received: 07/19/89

% Moisture: not dec. 6 Date Analyzed: 07/27/89

Column (pack/cap) WIDE Dilution Factor: 1.00

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKLS

Lab Name: ILLINOIS EPA Contract: 0470050002

Lab Code: SPFLD Case No.: CHAMP SAS No.: _____ SDG No.: D97430

Matrix: (soil/water) SOIL Lab Sample ID: 072789BLK

Sample wt/vol: 5.0 (g/mL) G Lab File ID: A0727BK01

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

% Moisture: not dec. ____ Date Analyzed: 07/27/89

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
[illegible]	[illegible]-Chloromethane	10	U
74-83-9	Bromomethane	10	U
[illegible]	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~~ R
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	10	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
----------	Total Xylenes	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKLS

Lab Name: ILLINOIS EPA Contract: 0470050002

Lab Code: SFFLD Case No.: CHAMP SAS No.: _____ SDG No.: D97430

Matrix: (soil/water) SOIL Lab Sample ID: 072789BLK

Sample wt/vol: 5.0 (g/mL) G Lab File ID: A0727BK01

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

% Moisture: not dec. ____ Date Analyzed: 07/27/89

Column (pack/cap) WIDE Dilution Factor: 1.00

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKMS

Lab Name: ILLINOIS EPA Contract: 0470050002

Lab Code: SPFLD Case No.: CHAMP SAS No.: _____ SDG No.: D97430

Matrix: (soil/water) SOIL Lab Sample ID: 072889BLK

Sample wt/vol: 4.0 (g/mL) G Lab File ID: A072BBK01

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

% Moisture: not dec. ____ Date Analyzed: 07/28/89

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	1000	U
74-83-9	Bromomethane	1000	U
75-01-4	Vinyl Chloride	1000	U
75-00-3	Chloroethane	1000	U
75-09-2	Methylene Chloride	500	U
67-64-1	Acetone	1000	U
75-15-0	Carbon Disulfide	500	U
75-35-4	1,1-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	500	U
540-59-0	1,2-Dichloroethene (total)	500	U
67-66-3	Chloroform	500	U
107-06-2	1,2-Dichloroethane	500	U
78-93-3	2-Butanone	1000	UR
71-55-6	1,1,1-Trichloroethane	500	U
56-23-5	Carbon Tetrachloride	500	U
108-05-4	Vinyl Acetate	1000	U
75-27-4	Bromodichloromethane	500	U
78-87-5	1,2-Dichloropropane	500	U
10061-01-5	cis-1,3-Dichloropropene	500	U
79-01-6	Trichloroethene	500	U
124-48-1	Dibromochloromethane	500	U
79-00-5	1,1,2-Trichloroethane	500	U
71-43-2	Benzene	500	U
10061-02-6	Trans-1,3-Dichloropropene	500	U
75-25-2	Bromoform	500	U
108-10-1	4-Methyl-2-Pentanone	1000	U
591-78-6	2-Hexanone	1000	U
127-18-4	Tetrachloroethene	500	U
79-34-5	1,1,2,2-Tetrachloroethane	1000	U
108-88-3	Toluene	500	U
108-90-7	Chlorobenzene	500	U
100-41-4	Ethylbenzene	500	U
100-42-5	Styrene	500	U
----------	Total Xylenes	500	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKMS

Lab Name: ILLINOIS EPA Contract: 0470050002

Lab Code: SPFLD Case No.: CHAMP SAS No.: _____ SDG No.: D97430

Matrix: (soil/water) SOIL Lab Sample ID: 072889BLK

Sample wt/vol: 4.0 (g/mL) G Lab File ID: A0728BK01

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

% Moisture: not dec. ____ Date Analyzed: 07/28/89

Column (pack/cap) WIDE 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

SEMI-VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

[illegible]

Lab Name: ILLINOIS EPA Contract: [illegible]

Lab Code: EPFLD Case No.: CHAMP SAS No.: _____ SDG No.: [illegible]

Matrix: (soil/water) SOIL Lab Sample ID: [illegible]

Sample wt/vol: 30.5 (g/mL) G Lab File ID: [illegible]

Level: (low/med) LOW Date Received: [illegible]

% Moisture: not dec. 46 dec. ____ Date Extracted: [illegible]

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: [illegible]

GPC Cleanup: (Y/N) Y pH: 6.0 Dilution Factor: [illegible]

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	[illegible]	[illegible]
111-44-4	bis(2-Chloroethyl)Ether	[illegible]	[illegible]
95-57-8	2-Chlorophenol	[illegible]	[illegible]
541-73-1	1,3-Dichlorobenzene	[illegible]	[illegible]
106-46-7	1,4-Dichlorobenzene	[illegible]	[illegible]
100-51-6	Benzyl Alcohol	[illegible]	[illegible]
95-50-1	1,2-Dichlorobenzene	[illegible]	[illegible]
95-48-7	2-Methylphenol	[illegible]	[illegible]
39638-32-9	bis(2-Chloroisopropyl)Ether	[illegible]	[illegible]
106-44-5	4-Methylphenol	[illegible]	[illegible]
621-64-7	N-Nitroso-Di-n-Propylamine	[illegible]	[illegible]
67-72-1	Hexachloroethane	[illegible]	[illegible]
98-95-3	Nitrobenzene	[illegible]	[illegible]
78-59-1	Isophorone	[illegible]	[illegible]
88-75-5	2-Nitrophenol	[illegible]	[illegible]
105-67-9	2,4-Dimethylphenol	[illegible]	[illegible]
65-85-0	Benzoic Acid	[illegible]	[illegible]
111-91-1	bis(2-Chloroethoxy) Methane	[illegible]	[illegible]
120-83-2	2,4-Dichlorophenol	[illegible]	[illegible]
120-82-1	1,2,4-Trichlorobenzene	[illegible]	[illegible]
91-20-3	Naphthalene	[illegible]	[illegible]
106-47-8	4-Chloroaniline	[illegible]	[illegible]
87-68-3	Hexachlorobutadiene	[illegible]	[illegible]
59-50-7	4-Chloro-3-Methylphenol	[illegible]	[illegible]
91-57-6	2-Methylnaphthalene	[illegible]	[illegible]
77-47-4	Hexachlorocyclopentadiene	[illegible]	[illegible]
88-06-2	2,4,6-Trichlorophenol	[illegible]	[illegible]
95-95-4	2,4,5-Trichlorophenol	[illegible]	[illegible]
91-58-7	2-Chloronaphthalene	[illegible]	[illegible]
88-74-4	2-Nitroaniline	[illegible]	[illegible]
131-11-3	Dimethyl Phthalate	[illegible]	[illegible]
208-96-8	Acenaphthylene	[illegible]	[illegible]
606-20-2	2,6-Dinitrotoluene	[illegible]	[illegible]

1C
SEMI-VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ILLINOIS EPA Contract: 47-0900-02

Lab Code: EPFLD Case No.: CHAMP SAS No.: ____ SDG No.: 097430

Matrix: (soil/water) SOIL Lab Sample ID: 097430C

Sample wt/vol: 30.5 g/mL(g) g Lab File ID: HUG080.D

Level: (low/med) LOW Date Received: 07/19/89

% Moisture: not dec. 45 dec. ____ Date Extracted: 07/24/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/08/89

GPC Cleanup: (Y/N) N pH: 6.0 Dilution Factor: 2.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	5800	U
83-32-9	Acenaphthene	1200	U
51-28-5	2,4-Dinitrophenol	5800	U
100-02-7	4-Nitrophenol	5800	U
132-64-9	Dibenzofuran	1200	U
121-14-2	2,4-Dinitrotoluene	1200	U
84-66-2	Diethylphthalate	1200	U
7005-72-3	4-Chlorophenyl-phenylether	1200	U
86-73-7	Fluorene	1200	U
100-01-6	4-Nitroaniline	5800	U
534-52-1	4,6-Dinitro-2-Methylphenol	5800	UJ
86-30-6	N-Nitrosodiphenylamine (1)	1200	UJ
101-55-3	4-Bromophenyl-phenylether	1200	UJ
118-74-1	Hexachlorobenzene	1200	UJ
87-86-5	Pentachlorophenol	5800	UJ
85-01-8	Phenanthrene	1200	U
120-12-7	Anthracene	75	J
84-74-2	Di-n-Butylphthalate	1200	UJ
206-44-0	Fluoranthene	640	J
129-00-0	Pyrene	750	J
85-68-7	Butylbenzylphthalate	1200	U
91-94-1	3,3'-Dichlorobenzidine	2400	U
56-55-3	Benzo(a)Anthracene	1200	U
117-81-7	bis(2-Ethylhexyl)Phthalate	1200	U
218-01-9	Chrysene	1200	U
117-84-0	Di-n-Octyl Phthalate	1200	U
205-99-2	Benzo(b)Fluoranthene	310	J
207-08-9	Benzo(k)Fluoranthene	1200	U
50-32-8	Benzo(a)Pyrene	1200	U
193-39-5	Indeno(1,2,3-cd)Pyrene	1200	U
53-70-3	Dibenz(a,h)Anthracene	1200	U
191-24-2	Benzo(g,h,i)Perylene	1200	U

(1) - cannot be separated from Diphenylamine

FORM I SVOA

[illegible]

[illegible]

Lab Name: [illegible] Contract: [illegible]

Lab Code: [illegible] Case No.: [illegible] SAS No.: _____ SDG No.: 077430

Matrix: Soil/Water [illegible] Lab Sample ID: 077430

Sample wt/vol: [illegible] g/ml [illegible] Lab File ID: AU0SGH0IT

Level: (low/med) [illegible] Date Received: [illegible]

% Moisture: not dec. [illegible] dec. _____ Date Extracted: [illegible]

Extraction: SepF (Cont/Sonc) SONC Date Analyzed: 08/08/89

GPC Cleanup: (Y/N) Y pH: 6.0 Dilution Factor: 0.0505

Number TICs found: 19 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	7.37	25000	BAJ
2.	UNKNOWN	9.35	500	J
3.	UNKNOWN	9.47	340	J
4.	UNKNOWN ALIP. HYDROCARBON	10.85	470	J
5.	UNKNOWN	10.97	300	J
6.	UNKNOWN	11.25	2300	J
7.	UNKNOWN ALIPHATIC ALCOHOL	11.69	1700	J
8.	UNKNOWN ALIP. HYDROCARBON	12.69	400	J
9.	METHYL BIPHENYL	13.85	270	J
10.	UNKNOWN	13.95	2800	J
11.	UNKNOWN	14.52	1700	J
12.	UNKNOWN ALIP. HYDROCARBON	11.23	740	BJ
13.	UNKNOWN ALIP. HYDROCARBON	11.29	740	J
14.	UNKNOWN	11.84	510	J
15.	UNKNOWN	12.23	740	J
16.	UNKNOWN	12.72	1700	J
17.	UNKNOWN	12.97	4700	BJ
18.	PROPYL BENZAMIDE	13.12	1100	BJ
19.	PROPYL BENZAMIDE	13.29	1210	BJ

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

S103

Lab Name: ILLINOIS EPA Contract: 1470050002

Lab Code: EPFLD Case No.: CHAMP SAS No.: _____ SDG No.: 097420

Matrix: (soil/water) SOIL Lab Sample ID: 097420A

Sample wt/vol: 30.4 (g/mL) G Lab File ID: 9UG088.01

Level: (low/med) LOW Date Received: 07/19/89

% Moisture: not dec. 22 dec. _____ Date Extracted: 07/24/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/28/89

GPC Cleanup: (Y/N) Y pH: 4.0 Dilution Factor: 2.00

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

CAS NO.	COMPOUND		Q
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
39638-32-9	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	U
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

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

S103

Lab Name: ILLINOIS EPA Contract: [illegible]

Lab Code: EPFLD Case No.: CHAMP SAS No.: _____ SDG No.: 097430

Matrix: (soil/water) SOIL Lab Sample ID: 0974304

Sample wt/vol: 30.4 (g/mL) G Lab File ID: AUG08GH01

Level: (low/med) LOW Date Received: 07/19/89

% Moisture: not dec. 27 dec. ____ Date Extracted: 07/24/89

Extraction: (Sep.Funnel/Cont/Sonc) SONC Date Analyzed: 08/08/89

GPC Cleanup: (Y/N) N pH: 4.6 Dilution Factor: 2.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
[illegible]	3-Nitroaniline	4100	U
[illegible]	Acenaphthene	340	U
[illegible]	2,4-Dinitrophenol	4100	U
[illegible]	4-Nitrophenol	4100	U
[illegible]	Dibenzofuran	340	U
[illegible]	2,4-Dinitrotoluene	340	U
[illegible]	Diethylphthalate	340	U
[illegible]	4-Chlorophenyl-phenylether	340	U
[illegible]	Fluorene	340	U
[illegible]	4-Nitroaniline	4100	U
[illegible]	4,6-Dinitro-2-Methylphenol	4100	U
[illegible]	N-Nitrosodiphenylamine (1)	340	U
[illegible]	4-Bromophenyl-phenylether	340	U
[illegible]	Hexachlorobenzene	340	U
[illegible]	Pentachlorophenol	4100	U
[illegible]	Phenanthrene	340	U
[illegible]	Anthracene	340	U
[illegible]	Di-n-Butylphthalate	340	U
[illegible]	Fluoranthene	[illegible]	[illegible]
[illegible]	Pyrene	340	U
[illegible]	Butylbenzylphthalate	340	U
[illegible]	3,3'-Dichlorobenzidine	[illegible]	[illegible]
[illegible]	Benzo(a)Anthracene	340	U
[illegible]	Bis(2-Ethylhexyl) Phthalate	340	U
[illegible]	Chrysene	340	U
[illegible]	Di-n-Octyl Phthalate	340	U
[illegible]	Benzo(b)Fluoranthene	340	U
[illegible]	Benzo(k)Fluoranthene	340	U
[illegible]	Benzo(a)Pyrene	340	U
[illegible]	Indeno(1,2,3-cd)Pyrene	340	U
[illegible]	Dibenz(a,h)Anthracene	340	U
[illegible]	Benzo(g,h,i)Perylene	340	U

1 - Cannot be separated from Diphenylamine

1F

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

[illegible]

Lab Name: ILLINOIS EPA Contract: [illegible]

Lab Code: [illegible] Case No.: CHAMP SAS No.: _____ SDG No.: [illegible]

Matrix: (soil/water) _____ Lab Sample ID: [illegible]

Sample wt/vol: [illegible] (g/mL) ML Lab File ID: [illegible]

Level: (low/med) LOW Date Received: [illegible]

% Moisture: not dec. [illegible] dec. _____ Date Extracted: [illegible]

Extraction: (Sep/Cont/Sonc) SONC Date Analyzed: [illegible]

GPC Cleanup: (Y/N) _____ pH: [illegible] Dilution Factor: [illegible]

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

Number TICs found: [illegible]

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	[illegible]	[illegible]	[illegible]
2.	UNKNOWN	[illegible]	[illegible]	[illegible]
3.	UNKNOWN, ENA	[illegible]	[illegible]	[illegible]
4.	UNKNOWN	[illegible]	[illegible]	[illegible]

12

SEMI-VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

3104

Lab Name: ILLINOIS EPA Contract: 68-03-3500

Lab Code: EPFLD Case No.: CHAMP SAS No.: _____ SDG No.: 097470

Matrix: (soil/water) SOIL Lab Sample ID: D974705

Sample wt/vol: 30.1 (g/mL) G Lab File ID: AUG09GH12

Level: (low/med) LOW Date Received: 07/19/89

% Moisture: not dec. 28 dec. _____ Date Extracted: 07/24/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/08/89

GPC Cleanup: (Y/N) Y pH: 4.0 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/KG	Q
108-95-2	Phenol	910	U
111-44-4	bis(2-Chloroethyl)Ether	910	U
95-57-8	2-Chlorophenol	910	U
541-73-1	1,3-Dichlorobenzene	910	U
106-46-7	1,4-Dichlorobenzene	910	U
100-51-6	Benzyl Alcohol	910	U
95-50-1	1,2-Dichlorobenzene	910	U
95-48-7	2-Methylphenol	910	U
39638-32-9	bis(2-Chloroisopropyl)Ether	910	U
106-44-5	4-Methylphenol	910	U
621-64-7	N-Nitroso-Di-n-Propylamine	910	U
67-72-1	Hexachloroethane	910	U
98-95-3	Nitrobenzene	910	U
78-59-1	Isophorone	910	U
88-75-5	2-Nitrophenol	910	U
105-67-9	2,4-Dimethylphenol	910	U
65-85-0	Benzoic Acid	4400	U
111-91-1	bis(2-Chloroethoxy)Methane	910	U
120-83-2	2,4-Dichlorophenol	910	U
120-82-1	1,2,4-Trichlorobenzene	910	U
91-20-3	Naphthalene	910	U
106-47-8	4-Chloroaniline	910	U
87-68-3	Hexachlorobutadiene	910	U
59-50-7	4-Chloro-3-Methylphenol	910	U
91-57-6	2-Methylnaphthalene	910	U
77-47-4	Hexachlorocyclopentadiene	910	U
88-06-2	2,4,6-Trichlorophenol	910	U
95-95-4	2,4,5-Trichlorophenol	4400	U
91-58-7	2-Chloronaphthalene	910	U
88-74-4	2-Nitroaniline	4400	U
131-11-3	Dimethyl Phthalate	910	U
208-96-8	Acenaphthylene	910	U
606-20-2	2,6-Dinitrotoluene	910	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

0104

Lab Name: ILLINOIS EPA Contract: 0470050002

Lab Code: SPFLD Case No.: CHAMP SAS No.: _____ SDG No.: 09747

Matrix: (soil/water) SOIL Lab Sample ID: 0974705

Sample wt/vol: 30.2 (g/mL) G Lab File ID: AUG20B.12

Level: (low/med) LOW Date Received: 07/19/89

% Moisture: not dec. 20 dec. ____ Date Extracted: 07/24/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/08/89

GPC Cleanup: (Y/N) Y pH: 4.0 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/KG	Q
99-09-2	3-Nitroaniline	1400	U
83-32-9	Acenaphthene	910	U
51-28-5	2,4-Dinitrophenol	4400	U
100-02-7	4-Nitrophenol	4400	U
132-64-9	Dibenzofuran	910	U
121-14-2	2,4-Dinitrotoluene	910	U
84-66-2	Diethylphthalate	910	U
7005-72-3	4-Chlorophenyl-phenylether	910	U
86-73-7	Fluorene	910	U
100-01-6	4-Nitroaniline	4400	U
534-52-1	4,6-Dinitro-2-Methylphenol	4400	U
86-30-6	N-Nitrosodiphenylamine (1)	910	U
101-55-3	4-Bromophenyl-phenylether	910	U
118-74-1	Hexachlorobenzene	910	U
87-86-5	Pentachlorophenol	4400	U
85-01-8	Phenanthrene	910	U
120-12-7	Anthracene	910	U
84-74-2	Di-n-Butylphthalate	910	U
206-44-0	Fluoranthene	760	J
129-00-0	Pyrene	760	J
85-68-7	Butylbenzylphthalate	910	U
91-94-1	3,3'-Dichlorobenzidine	1300	U
56-55-3	Benzo(a)Anthracene	910	U
117-81-7	bis(2-Ethylhexyl)Phthalate	910	U
218-01-9	Chrysene	910	U
117-84-0	Di-n-Octyl Phthalate	910	U
205-99-2	Benzo(b)Fluoranthene	910	U
207-08-9	Benzo(k) Fluoranthene	910	U
50-32-8	Benzo(a) Pyrene	910	U
193-39-5	Indeno(1,2,3-cd)Pyrene	910	U
53-70-3	Dibenz(a,h) Anthracene	910	U
191-24-2	Benzo(g,h,i) Perylene	910	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SL-4

Lab Name: ILLINOIS EPA Contract: 68-D0-0001

Lab Code: SPFLD Case No.: CHAMP SAS No.: _____ SDG No.: 097430

Matrix: (soil/water) _____ Lab Sample ID: 097430S

Sample wt/vol: 30.2 g/mL: ML Lab File ID: 4U8088.D

Level: (low/med) LOW Date Received: 07/19/89

% Moisture: not dec. 28 dec. ____ Date Extracted: 07/24/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/09/89

GPC Cleanup: (Y/N) Y pH: 4.0 Dilution Factor: 0.0202

Number TICs found: 4

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	6.23	110	J
2.	UNKNOWN	7.37	30000	BMJ
3.	UNKNOWN FNA	16.97	110	J
4.	UNKNOWN	28.39	2700	BJ

[illegible]

Lab Name: [illegible] Contract: [illegible]

Lab Code: [illegible] Case No.: [illegible] SAS No.: _____ SDG No.: D97430

Matrix: (soil/water) [illegible] Lab Sample ID: D97430[illegible]

Sample wt/vol: [illegible] (g/ml) G Lab File ID: ALG09H[illegible]

Level: (low/med) LOW Date Received: [illegible]

% Moisture: not dec. 16 dec. ____ Date Extracted: [illegible]

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: [illegible]

GPC Cleanup: (Y/N) Y pH: 5.0 Dilution Factor: 10.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	12000	U
111-44-4	bis(2-Chloroethyl)Ether	12000	U
95-57-8	2-Chlorophenol	12000	U
541-73-1	1,3-Dichlorobenzene	12000	U
106-46-7	1,4-Dichlorobenzene	12000	U
100-51-6	Benzyl Alcohol	12000	U
95-50-1	1,2-Dichlorobenzene	12000	U
95-48-7	2-Methylphenol	12000	U
39638-32-9	bis(2-Chloroisopropyl)Ether	12000	U
106-44-5	4-Methylphenol	12000	U
621-64-7	N-Nitroso-Di-n-Propylamine	12000	U
67-72-1	Hexachloroethane	12000	U
98-95-3	Nitrobenzene	12000	U
78-59-1	Isophorone	12000	U
88-75-5	2-Nitrophenol	12000	U
105-67-9	2,4-Dimethylphenol	12000	U
65-85-0	Benzoic Acid	56000	U
111-91-1	bis(2-Chloroethoxy) Methane	12000	U
120-83-2	2,4-Dichlorophenol	12000	U
120-82-1	1,2,4-Trichlorobenzene	12000	U
91-20-3	Naphthalene	12000	U
106-47-8	4-Chloroaniline	12000	U
87-68-3	Hexachlorobutadiene	12000	U
59-50-7	4-Chloro-3-Methylphenol	12000	U
91-57-6	2-Methylnaphthalene	12000	U
77-47-4	Hexachlorocyclopentadiene	12000	U
88-06-2	2,4,6-Trichlorophenol	12000	U
95-95-4	2,4,5-Trichlorophenol	56000	U
91-58-7	2-Chloronaphthalene	12000	U
88-74-4	2-Nitroaniline	56000	U
131-11-3	Dimethyl Phthalate	12000	U
208-96-8	Acenaphthylene	12000	U
606-20-2	2,6-Dinitrotoluene	12000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

[illegible]

Lab Name: ILLINOIS EPA Contract: 0470-50002

Lab Code: SPFLD Case No.: CHAMP SAS No.: _____ SDG No.: D97430

Matrix: (soil/water) SOIL Lab Sample ID: D97430s

Sample wt/vol: 30.7 (g/mL) G Lab File ID: [illegible]

Level: (low/med) LOW Date Received: 07/19/89

% Moisture: not dec. 16 dec. ____ Date Extracted: 07/24/89

Extraction: SepF/Cont/Sonc) SONC Date Analyzed: 08/09/89

GPC Cleanup: (Y/N) Y pH: 5.0 Dilution Factor: 10.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/KG	Q
99-09-2	3-Nitroaniline	5000	U
83-32-9	Acenaphthene	1200	U
51-28-5	2,4-Dinitrophenol	5000	U
100-02-7	4-Nitrophenol	5000	U
132-64-9	Dibenzofuran	1200	U
121-14-2	2,4-Dinitrotoluene	1200	U
84-66-2	Diethylphthalate	1200	U
7005-72-3	4-Chlorophenyl-phenylether	1200	U
86-73-7	Fluorene	1200	U
100-10-6	4-Nitroaniline	4000	U
534-52-1	4,6-Dinitro-2-Methylphenol	5000	U
86-30-6	N-Nitrosodiphenylamine (1)	1200	U
101-55-3	4-Bromophenyl-phenylether	1200	U
118-74-1	Hexachlorobenzene	1200	U
87-86-5	Pentachlorophenol	5000	U
85-01-8	Phenanthrene	1200	U
120-12-7	Anthracene	1200	U
84-74-2	Di-n-Butylphthalate	1200	U
206-44-0	Fluoranthene	1500	J
129-00-0	Pyrene	1900	J
85-68-7	Butylbenzylphthalate	1200	U
91-94-1	3,3'-Dichlorobenzidine	2300	U
56-55-3	Benzo(a)Anthracene	780	J
117-81-7	bis(2-Ethylhexyl)Phthalate	3800	~~U~~ B
218-01-9	Chrysene	1200	U
117-84-0	Di-n-Octyl Phthalate	1200	U
205-99-2	Benzo(b)Fluoranthene	750	J
207-08-9	Benzo(k)Fluoranthene	570	J
50-32-8	Benzo(a)Pyrene	540	J
193-39-5	Indeno(1,2,3-cd)Pyrene	160	J
53-70-3	Dibenz(a,h)Anthracene	140	J
191-24-2	Benzo(g,h,i)Perylene	820	J

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X101

Lab Name: ILLINOIS EPA Contract: 1470050002

Lab Code: BRFLD Case No.: CHAMP SAS No.: _____ SDG No.: D97430

Matrix (soil/water): _____ Lab Sample ID: D97430G

Sample wt/vol: 30.7 (g/mL) ML Lab File ID: AUG09H.047

Level: (low/med) LOW Date Received: 07/19/89

% Moisture: not dec. 16 dec. _____ Date Extracted: 07/24/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/09/89

GPC Cleanup: (Y/N) Y pH: 5.0 Dilution Factor: 0.0307

Number TICs found: 20

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	7.22	1900	JB
2.	UNKNOWN	9.27	6700	J
3.	UNKNOWN	9.39	2800	J
4.	UNKNOWN ALIP. HYDROCARBON	10.77	7600	J
5.	UNKNOWN	11.14	23000	J
6.	HYDROXYPROPOXY PROPANOL	11.49	9400	J
7.	HYDROXYPROPOXY PROPANOL	11.59	5700	J
8.	UNKNOWN ALIP. HYDROCARBON	12.60	2900	J
9.	UNKNOWN	19.35	76000	J
10.	UNKNOWN	19.72	14000	J
11.	UNKNOWN	21.25	1900	J
12.	UNKNOWN	21.34	1800	J
13.	UNKNOWN	22.1[illegible]	4100	J
14.	UNKNOWN ALIP. HYDROCARBON	25.31	2700	J
15.	BENZOIC ACID, 2-PROPENYL EST	26.22	45000	J
16.	UNKNOWN ALIP. HYDROCARBON	26.73	7500	J
17.	UNKNOWN ALIP. HYDROCARBON	27.44	2900	
18.	UNKNOWN	28.27	1300	J
19.	PROPYL BENZAMIDE	29.21	130000	BJ
20.	PROPYL BENZAMIDE	29.26	170000	BJ

SEMI-VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

1102

Lab Name: ILLINOIS EPA Contract: 047-09-0002

Lab Code: EPPLD Case No.: CHAMP SAS No.: _____ SDG No.: DR1600

Matrix: (soil/water) SOIL Lab Sample ID: 0974307

Sample wt/vol: 30.7 (g/mL) G Lab File ID: A4B09M4003

Level: (low/med) LOW Date Received: 07/13/09

% Moisture: not dec. 47 dec. ____ Date Extracted: 07/24/09

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/05/09

GPC Cleanup: (Y/N) Y pH: 5.0 Dilution Factor: 300

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/G	Q
108-95-2	Phenol	180000	U
111-44-4	bis(2-Chloroethyl) Ether	180000	U
95-57-8	2-Chlorophenol	180000	U
541-73-1	1,3-Dichlorobenzene	180000	U
106-46-7	1,4-Dichlorobenzene	180000	U
100-51-6	Benzyl Alcohol	180000	U
95-50-1	1,2-Dichlorobenzene	180000	U
95-48-7	2-Methylphenol	180000	U
39638-32-9	bis(2-Chloroisopropyl)Ether	180000	U
106-44-5	4-Methylphenol	180000	U
621-64-7	N-Nitroso-Di-n-Propylamine	180000	U
67-72-1	Hexachloroethane	180000	U
98-95-3	Nitrobenzene	180000	U
78-59-1	Isophorone	180000	U
88-75-5	2-Nitrophenol	180000	U
105-67-9	2,4-Dimethylphenol	180000	U
65-85-0	Benzoic Acid	900000	U
111-91-1	bis(2-Chloroethoxy) Methane	180000	U
120-83-2	2,4-Dichlorophenol	180000	U
120-82-1	1,2,4-Trichlorobenzene	180000	U
91-20-3	Naphthalene	180000	U
106-47-8	4-Chloroaniline	180000	U
87-68-3	Hexachlorobutadiene	180000	U
59-50-7	4-Chloro-3-Methylphenol	180000	U
91-57-6	2-Methylnaphthalene	180000	U
77-47-4	Hexachlorocyclopentadiene	180000	U
88-06-2	2,4,6-Trichlorophenol	180000	U
95-95-4	2,4,5-Trichlorophenol	900000	U
91-58-7	2-Chloronaphthalene	180000	U
88-74-4	2-Nitroaniline	900000	U
131-11-3	Dimethyl Phthalate	180000	U
208-96-8	Acenaphthylene	180000	U
606-20-2	2,6-Dinitrotoluene	180000	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB01

Lab Name: ILLINOIS EPA Contract: 68-01-6699

Lab Code: EPAIL Case No.: CHAMP SAS No.: SDG No.: 097410

Matrix: (soil/water) SOIL Lab Sample ID: 097410

Sample wt/vol: 30.0 (g/mL) G Lab File ID: W8096.D

Level: (low/med) LOW Date Received: 7/18/89

% Moisture: not dec. 47 dec. Date Extracted: 7/24/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 8/08/89

GPC Cleanup: (Y/N) N pH: 5.0 Dilution Factor: 100

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	900000	U
83-32-9	Acenaphthene	180000	U
51-28-5	2,4-Dinitrophenol	900000	U
100-02-7	4-Nitrophenol	900000	U
132-64-9	Dibenzofuran	180000	U
121-14-2	2,4-Dinitrotoluene	180000	U
84-66-2	Diethylphthalate	180000	U
7005-72-3	4-Chlorophenyl-phenylether	180000	U
86-73-7	Fluorene	5000	J
100-01-6	4-Nitroaniline	900000	U
534-52-1	4,6-Dinitro-2-Methylphenol	900000	U
86-30-6	N-Nitrosodiphenylamine (1)	180000	U
101-55-3	4-Bromophenyl-phenylether	180000	U
118-74-1	Hexachlorobenzene	180000	U
87-86-5	Pentachlorophenol	900000	U
85-01-8	Phenanthrene	22000	J
120-12-7	Anthracene	22000	J
84-74-2	Di-n-Butylphthalate	180000	U
206-44-0	Fluoranthene	7500	J
129-00-0	Pyrene	5000	J
85-68-7	Butylbenzylphthalate	180000	U
91-94-1	3,3'-Dichlorobenzidine	360000	U
56-55-3	Benzo(a)Anthracene	180000	U
117-81-7	bis(2-Ethylhexyl)Phthalate	5000	J
218-01-9	Chrysene	180000	U
117-84-0	Di-n-Octyl Phthalate	180000	U
205-99-2	Benzo (b)Fluoranthene	180000	U
207-08-9	Benzo (k)Fluoranthene	180000	U
50-32-8	Benzo (a) Pyrene	180000	U
193-39-5	Indeno (1,2,3-cd)Pyrene	180000	U
53-70-3	Dibenz (a,h)Anthracene	180000	U
191-24-2	Benzo (g,h,i)Perylene	180000	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

[illegible]102

Lab Name: ILLINOIS EPA Contract: [illegible]

Lab Code: EPFLD Case No.: CHAMP SAS No.: _____ SDG No.: [illegible]

Matrix: (soil/water) _____ Lab Sample ID: [illegible]

Sample wt/vol: [illegible] g/mL: ML Lab File ID: [illegible]

Level: (low/med) LOW Date Received: [illegible]

% Moisture: not dec. [illegible] dec. _____ Date Extracted: [illegible]

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: [illegible]

GPC Cleanup: (Y/N) [illegible] pH: 5.0 Dilution Factor: [illegible]

Number TICs found: [illegible] CONCENTRATION UNITS: ug/L or ug/kg: UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN PNA	[illegible]	51000	J
2.	UNKNOWN PNA	[illegible]	65000	J
3.	UNKNOWN PNA	[illegible]	22000	J
4.	UNKNOWN PNA	[illegible]	27000	J
5.	UNKNOWN PNA	[illegible]	52000	J
6.	UNKNOWN PNA	[illegible]	[illegible]	J
7.	UNKNOWN PNA	[illegible]	[illegible]	J
8.	UNKNOWN PNA	[illegible]	[illegible]	J
9.	UNKNOWN PNA	[illegible]	[illegible]	J
10.	UNKNOWN PNA	[illegible]	[illegible]	
11.	UNKNOWN PNA	[illegible]	[illegible]	J
12.	UNKNOWN PNA	[illegible]	[illegible]	J
13.	UNKNOWN PHTHALATE	[illegible]	[illegible]	
14.	UNKNOWN PHTHALATE	[illegible]	[illegible]	
15.	UNKNOWN PHTHALATE	[illegible]	[illegible]	
16.	UNKNOWN PNA	[illegible]	[illegible]	
[illegible]	UNKNOWN PHTHALATE	[illegible]	[illegible]	
17.	UNKNOWN PHTHALATE	[illegible]	[illegible]	
18.	UNKNOWN PHTHALATE	[illegible]	[illegible]	
19.	[illegible]	[illegible]	[illegible]	

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

[illegible]

Lab Name: ILLINOIS EPA Contract: 047X50002

Lab Code: EPFLD Case No.: CHAMP SAS No.: _____ SDG No.: 097430

Matrix: (soil water) SOIL Lab Sample ID: 0974308

Sample wt/vol: 30.0 (g/mL) G Lab File ID: AUG0798.01

Level: (low/med) LOW Date Received: 07/19/89

% Moisture: not dec. 5 dec. ____ Date Extracted: 07/24/89

Extraction: (SepF/Cont Sonc) SONC Date Analyzed: 08/09/89

GPC Cleanup: (Y/N) N pH: 5.0 Dilution Factor: 20.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)Ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl Alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
95-48-7	2-Methylphenol	1000	U
39638-32-9	bis(2-Chloroisopropyl)Ether	1000	U
106-44-5	4-Methylphenol	1000	U
621-64-7	N-Nitroso-Di-n-Propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
65-85-0	Benzoic Acid	50000	U
111-91-1	bis(2-Chloroethoxy)Methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-Methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
95-95-4	2,4,5-Trichlorophenol	50000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	50000	U
131-11-3	Dimethyl Phthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

[illegible]

Lab Name: ILLINOIS EPA Contract: [illegible]

Lab Code: EPFLD Case No.: CHAMP SAS No.: _____ SDG No.: D97430

Matrix: (soil/water) SOIL Lab Sample ID: D974308

Sample wt/vol: 30.0 (g/mL) G Lab File ID: ALG0P8F01

Level: (low/med) LOW Date Received: 07/19/89

% Moisture: not dec. 5 dec. ____ Date Extracted: 07/24/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/09/89

GPC Cleanup: (Y/N) N pH: 5.0 Dilution Factor: 20.

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/KG	Q
99-09-2	3-Nitroaniline	150000	U
83-32-9	Acenaphthene	11000	U
51-28-5	2,4-Dinitrophenol	150000	U
100-02-7	4-Nitrophenol	150000	U
132-64-9	Dibenzofuran	11000	U
121-14-2	2,4-Dinitrotoluene	11000	U
84-66-2	Diethylphthalate	11000	U
7005-72-3	4-Chlorophenyl-phenylether	11000	U
86-73-7	Fluorene	11000	U
100-01-6	4-Nitroaniline	150000	U
534-52-1	4,6-Dinitro-2-Methylphenol	150000	U
86-30-6	N-Nitrosodiphenylamine (1)	11000	U
101-55-3	4-Bromophenyl-phenylether	11000	U
118-74-1	Hexachlorobenzene	11000	U
87-86-5	Pentachlorophenol	150000	U
85-01-8	Phenanthrene	11000	U
120-12-7	Anthracene	11000	U
84-74-2	Di-n-Butylphthalate	11000	U
206-44-0	Fluoranthene	11000	U
129-00-0	Pyrene	11000	U
85-68-7	Butylbenzylphthalate	11000	U
91-94-1	3,3'-Dichlorobenzidine	22000	U
56-55-3	Benzo(a)Anthracene	11000	U
117-81-7	bis(2-Ethylhexyl)Phthalate	11000	U
218-01-9	Chrysene	11000	U
117-84-0	Di-n-Octyl Phthalate	11000	U
205-99-2	Benzo b)Fluoranthene	11000	U
207-08-9	Benzo k)Fluoranthene	11000	U
50-32-8	Benzo(a)Pyrene	11000	U
193-39-5	Indeno(1,2,3-cd)Pyrene	11000	U
53-70-3	Dibenz(a,h)Anthracene	11000	U
191-24-2	Benzo(g,h,i)Perylene	11000	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X107

Lab Name: ILLINOIS EPA Contract: 0470050002

Lab Code: EPEL Case No.: CHAMP SAS No.: SDG No.: 097430

Matrix: (soil/water) Lab Sample ID: 097430B

Sample wt/vol: 30.0 (g/mL) ML Lab File ID: ALS0994.D17

Level: (low/med) LOW Date Received: 07/13/89

% Moisture: not dec. 5 dec. Date Extracted: 07/24/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/08/89

GPC Cleanup: (Y/N) N pH: 5.0 Dilution Factor: 1.0000

Number TICs found: 16

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	7.18	25000	J
2.	UNKNOWN ALIP. HYDROCARBON	13.57	6300	J
3.	UNKNOWN ALIP. HYDROCARBON	14.24	3200	J
4.	UNKNOWN ALIP. HYDROCARBON	14.47	1400	J
5.	UNKNOWN ALIP. HYDROCARBON	24.64	12000	J
6.	UNKNOWN ALIP. HYDROCARBON	25.21	21000	J
7.	UNKNOWN ALIP. HYDROCARBON	25.76	21000	J
8.	UNKNOWN	25.87	6300	J
9.	UNKNOWN ALIP. HYDROCARBON	26.14	8700	J
10.	UNKNOWN ALIP. HYDROCARBON	26.22	7200	J
11.	UNKNOWN ALIP. HYDROCARBON	26.77	7100	J
12.	UNKNOWN ALIP. HYDROCARBON	26.99	19000	J
13.	UNKNOWN ALIP. HYDROCARBON	27.32	24000	J
14.	UNKNOWN ALIP. HYDROCARBON	27.72	3300	J
15.	UNKNOWN ALIP. HYDROCARBON	29.26	7300	J
16.	UNKNOWN	30.47	2100	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

x104

Lab Name: ILLINOIS EPA Contract: 0470050002

Lab Code: EPELD Case No.: CHAMP SAS No.: _____ SDG No.: 097433

Matrix: (soil/water) SOIL Lab Sample ID: 097433

Sample wt (g): 31.5 (g/mL) G Lab File ID: AUG09G.03

Level: (low/med) LOW Date Received: 07/19/89

% Moisture: not dec. 5 dec. ____ Date Extracted: 07/24/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/09/89

GPC Cleanup: (Y/N) Y pH: 5.0 Dilution Factor: 90.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/KG	Q
108-95-2	Phenol	30000	U
111-44-4	bis(2-Chloroethyl)Ether	30000	U
95-57-8	2-Chlorophenol	30000	U
541-73-1	1,3-Dichlorobenzene	30000	U
106-46-7	1,4-Dichlorobenzene	30000	U
100-51-6	Benzyl Alcohol	30000	U
95-50-1	1,2-Dichlorobenzene	30000	U
95-48-7	2-Methylphenol	30000	U
39638-32-9	bis(2-Chloroisopropyl)Ether	30000	U
106-44-5	4-Methylphenol	30000	U
621-64-7	N-Nitroso-Di-n-Propylamine	30000	U
67-72-1	Hexachloroethane	30000	U
98-95-3	Nitrobenzene	30000	U
78-59-1	Isophorone	30000	U
88-75-5	2-Nitrophenol	30000	U
105-67-9	2,4-Dimethylphenol	30000	U
65-85-0	Benzoic Acid	150000	U
111-91-1	bis(2-Chloroethoxy)Methane	30000	U
120-83-2	2,4-Dichlorophenol	30000	U
120-82-1	1,2,4-Trichlorobenzene	30000	U
91-20-3	Naphthalene	30000	U
106-47-8	4-Chloroaniline	30000	U
87-68-3	Hexachlorobutadiene	30000	U
59-50-7	4-Chloro-3-Methylphenol	30000	U
91-57-6	2-Methylnaphthalene	30000	U
77-47-4	Hexachlorocyclopentadiene	30000	U
88-06-2	2,4,6-Trichlorophenol	30000	U
95-95-4	2,4,5-Trichlorophenol	150000	U
91-58-7	2-Chloronaphthalene	30000	U
88-74-4	2-Nitroaniline	150000	U
131-11-3	Dimethyl Phthalate	30000	U
208-96-8	Acenaphthylene	30000	U
606-20-2	2,6-Dinitrotoluene	30000	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

x104

Lab Name: ILLINOIS EPA Contract: 4710150002

Lab Code: SPFLD Case No.: CHAMP SAS No.: _____ SDG No.: D97470

Matrix: (soil/water) SOIL Lab Sample ID: D9747309

Sample wt/vol: 31.5 (g/mL) G Lab File ID: AU6096.02

Level: (low/med) LOW Date Received: 07/19/99

% Moisture: not dec. 5 dec. ____ Date Extracted: 07/24/99

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/05/99

GPC Cleanup: (Y/N) Y pH: 5.0 Dilution Factor: 50.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/KG	Q
99-09-2	3-Nitroaniline	150000	U
83-32-9	Acenaphthene	7000	U
51-28-5	2,4-Dinitrophenol	150000	U
100-02-7	4-Nitrophenol	150000	U
132-64-9	Dibenzofuran	10000	U
121-14-2	2,4-Dinitrotoluene	10000	U
84-66-2	Diethylphthalate	10000	U
7005-72-3	4-Chlorophenyl-phenylether	10000	U
86-73-7	Fluorene	10000	U
100-10-6	4-Nitroaniline	150000	U
534-52-1	4,6-Dinitro-2-Methylphenol	150000	U
86-30-6	N-Nitrosodiphenylamine (1)	10000	U
101-55-3	4-Bromophenyl-phenylether	10000	U
118-74-1	Hexachlorobenzene	10000	U
87-86-5	Pentachlorophenol	150000	U
85-01-8	Phenanthrene	10000	U
120-12-7	Anthracene	10000	U
84-74-2	Di-n-Butylphthalate	10000	U
206-44-0	Fluoranthene	10000	U
129-00-0	Pyrene	10000	U
85-68-7	Butylbenzylphthalate	10000	U
91-94-1	3,3'-Dichlorobenzidine	20000	U
56-55-3	Benzo(a)Anthracene	10000	U
117-81-7	bis(2-Ethylhexyl)Phthalate	10000	U
218-01-9	Chrysene	10000	U
117-84-0	Di-n-Octyl Phthalate	10000	U
205-99-2	Benzo(b)Fluoranthene	10000	U
207-08-9	Benzo(k)Fluoranthene	10000	U
50-32-8	Benzo(a)Pyrene	10000	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10000	U
53-70-3	Dibenz(a,h)Anthracene	10000	U
191-24-2	Benzo(g,h,i)Perylene	10000	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

4104

Lab Name: ILLINOIS EPA Contract: 247-87-0002

Lab Code: SPFLD Case No.: CHAMP SAS No.: _____ SDG No.: D97470

Matrix: (soil/water) _____ Lab Sample ID: D974709

Sample wt/vol: 31.5 (g/mL) ML Lab File ID: AUG089.CDT

Level: (low/med) LOW Date Received: 07/19/89

% Moisture: not dec. 6 dec. ____ Date Extracted: 07/24/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/09/89

GPC Cleanup: (Y/N) Y pH: 5.0 Dilution Factor: 0.0315

Number TICs found: 4

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	7.23	2700	BeJ
2.	UNKNOWN ALIP. HYDROCARBON	24.49	4000	J
3.	UNKNOWN ALIP. HYDROCARBON	28.29	4200	J
4.	UNKNOWN ALIP. HYDROCARBON	29.29	5600	J

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X105

Lab Name: ILLINOIS EPA Contract: 68-D0-0002

Lab Code: SPFLD Case No.: CHAMP SAS No.: _____ SDG No.: D97430

Matrix: (soil/water) SOIL Lab Sample ID: D974310

Sample wt/vol: 30.3 (g/mL) G Lab File ID: AUG09HH05

Level: (low/med) LOW Date Received: 07/19/89

% Moisture: not dec. 17 dec. _____ Date Extracted: 07/24/89

Extraction: (Sep/Cont/Sonc) SONC Date Analyzed: 08/09/89

GPC Cleanup: (Y/N) Y pH: 5.0 Dilution Factor: 2.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) 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	1300	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	1300	U
91-58-7	2-Chloronaphthalene	790	U
88-74-4	2-Nitroaniline	1300	U
131-11-3	Dimethyl Phthalate	790	U
208-96-8	Acenaphthylene	790	U
606-20-2	2,6-Dinitrotoluene	790	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

C105

Lab Name: ILLINOIS EPA Contract: 0470050002

Lab Code: BFFLD Case No.: CHAMP SAS No.: _____ SDG No.: D97430

Matrix: (soil/water) SOIL Lab Sample ID: D974310

Sample wt/vol: 30.3 (g/mL) G Lab File ID: ALG09HK05

Level: (low/med) LOW Date Received: 07/19/89

% Moisture: not dec. 17 dec. ____ Date Extracted: 07/24/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/09/89

GPC Cleanup: (Y/N) Y pH: 5.0 Dilution Factor: 2.00

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
100-10-6	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	130	J
129-00-0	Pyrene	210	J
85-68-7	Butylbenzylphthalate	790	U
91-94-1	3,3'-Dichlorobenzidine	1600	U
56-55-3	Benzo(a)Anthracene	790	U
117-81-7	bis(2-Ethylhexyl)Phthalate	790 ~~500~~	~~BJ~~ U
218-01-9	Chrysene	790	U
117-84-0	Di-n-Octyl Phthalate	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

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X105

Lab Name: ILLINOIS EPA Contract: 0470050002

Lab Code: SPFLD Case No.: CHAMP SAS No.: _____ SDG No.: D97430

Matrix: (soil/water) _____ Lab Sample ID: D974310

Sample wt/vol: 30.3 (g/mL) ML Lab File ID: AUG09HK05T

Level: (low/med) LOW Date Received: 07/19/89

% Moisture: not dec. 17 dec. _____ Date Extracted: 07/24/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/09/89

GPC Cleanup: (Y/N) Y pH: 5.0 Dilution Factor: 0.0303

Number TICs found: 6

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	7.35	43000	BAJ
2.	UNKNOWN PNA	16.75	74	J
3.	UNKNOWN PNA	16.92	160	J
4.	UNKNOWN	28.32	540	BJ
5.	PROPYL BENZAMIDE	29.17	810	BJ
6.	PROPYL BENZAMIDE	29.31	910	BJ

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

x10b

Lab Name: ILLINOIS EPA Contract: 0470050002

Lab Code: EPFLD Case No.: CHAMP SAS No.: _____ SDG No.: D97470

Matrix: (soil/water) SOIL Lab Sample ID: D974711

Sample wt/vol: 30.7 (g/mL) G Lab File ID: AUG09HH06

Level: (low/med) LOW Date Received: 07/19/89

% Moisture: not dec. 6 dec. ____ Date Extracted: 07/24/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/09/89

GPC Cleanup: (Y/N) Y pH: 6.0 Dilution Factor: 2.01

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
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
39638-32-9	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	Dimethyl Phthalate	690	U
208-96-8	Acenaphthylene	690	U
606-20-2	2,6-Dinitrotoluene	690	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X106

Lab Name: ILLINOIS EPA Contract: 0470050002

Lab Code: SPFLD Case No.: CHAMP SAS No.: _____ SDG No.: 097430

Matrix: (soil/water) SOIL Lab Sample ID: 097431I

Sample wt/vol: 30.7 (g/mL) G Lab File ID: AUG0PH06

Level: (low/med) LOW Date Received: 07/19/89

% Moisture: not dec. 6 dec. ____ Date Extracted: 07/24/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/09/89

GPC Cleanup: (Y/N) Y pH: 6.0 Dilution Factor: 2.01

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	3300	U
83-32-9	Acenaphthene	690	U
51-28-5	2,4-Dinitrophenol	3300	U
100-02-7	4-Nitrophenol	3300	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
100-10-6	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	3300	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	[illegible]	J
129-00-0	Pyrene	[illegible]	J
85-68-7	Butylbenzylphthalate	690	U
91-94-1	3,3'-Dichlorobenzidine	1400	U
56-55-3	Benzo(a)Anthracene	690	U
117-81-7	bis(2-Ethylhexyl)Phthalate	690	U
218-01-9	Chrysene	690	U
117-84-0	Di-n-Octyl Phthalate	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.

x106

Lab Name: ILLINOIS EPA Contract: 0470050002

Lab Code: SPFLD Case No.: CHAMP SAS No.: _____ SDG No.: D97430

Matrix: (soil/water) _____ Lab Sample ID: D974311

Sample wt/vol: 30.7 (g/mL) ML Lab File ID: AUG09HK06T

Level: (low/med) LOW Date Received: 07/19/89

% Moisture: not dec. 6 dec. ____ Date Extracted: 07/24/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/09/89

GPC Cleanup: (Y/N) Y pH: 6.0 Dilution Factor: 0.0307

Number TICs found: 8

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	7.35	55000	BAJ
2.	UNKNOWN PNA	16.74	66	BJ
3.	UNKNOWN PNA	16.89	130	BJ
4.	UNKNOWN	20.00	170	BJ
5.	UNKNOWN PHTHALATE	23.15	88	BJ
6.	UNKNOWN	28.31	170	BJ
7.	PROPYL BENZAMIDE	29.14	330	BJ
8.	PROPYL BENZAMIDE	29.27	380	BJ

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK65

Lab Name: ILLINOIS EPA Contract: 0470050002

Lab Code: EPFLD Case No.: CHAMP SAS No.: _____ SDG No.: 097430

Matrix: (soil/water) SOIL Lab Sample ID: 0974405

Sample wt/vol: 30.0 (g/mL) G Lab File ID: AUG08HK19

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

% Moisture: not dec. ____ dec. ____ Date Extracted: _____

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/08/89

GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 2.00

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
39638-32-9	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	3300	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	3300	U
91-58-7	2-Chloronaphthalene	660	U
88-74-4	2-Nitroaniline	3300	U
131-11-3	Dimethyl Phthalate	660	U
208-96-8	Acenaphthylene	660	U
606-20-2	2,6-Dinitrotoluene	660	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKLS

Lab Name: ILLINOIS EPA Contract: 0470050002

Lab Code: SFFLD Case No.: CHAMP SAS No.: _____ SDG No.: D974I0

Matrix: (soil/water) SOIL Lab Sample ID: D974405

Sample wt/vol: 30.0 (g/mL) G Lab File ID: AUG08HA1C

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

% Moisture: not dec. ____ dec. ____ Date Extracted: _____

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/08/89

GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 2.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/KG	Q
99-09-2	3-Nitroaniline	3300	U
83-32-9	Acenaphthene	660	U
51-28-5	2,4-Dinitrophenol	3300	U
100-02-7	4-Nitrophenol	3300	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
100-10-6	4-Nitroaniline	3300	U
534-52-1	4,6-Dinitro-2-Methylphenol	3300	UJ
86-30-6	N-Nitrosodiphenylamine (1)	660	UJ
101-55-3	4-Bromophenyl-phenylether	660	UJ
118-74-1	Hexachlorobenzene	660	UJ
87-86-5	Pentachlorophenol	3300	UJ
85-01-8	Phenanthrene	660	UJ
120-12-7	Anthracene	660	UJ
84-74-2	Di-n-Butylphthalate	660	UJ
206-44-0	Fluoranthene	660	UJ
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
117-81-7	bis(2-Ethylhexyl)Phthalate	470	J
218-01-9	Chrysene	660	U
117-84-0	Di-n-Octyl Phthalate	660	U
205-99-2	Benzo(b)Fluoranthene	660	U
207-08-9	Benzo(k)Fluoranthene	660	U
50-32-8	Benzo(a)Pyrene	660	U
193-39-5	Indeno(1,2,3-cd)Pyrene	660	U
53-70-3	Dibenz(a,h)Anthracene	660	U
191-24-2	Benzo(g,h,i)Perylene	660	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBLKLS

Lab Name: ILLINOIS EPA Contract: 0470050002

Lab Code: EFFLD Case No.: CHAMP SAS No.: _____ SDG No.: D97430

Matrix: (soil/water) _____ Lab Sample ID: D974405

Sample wt/vol: 30.0 (g/mL) ML Lab File ID: AUG08HK10T

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

% Moisture: not dec. ____ dec. ____ Date Extracted: _____

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/09/89

GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 0.0300

Number TICs found: 5

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	7.38	33000	AJ
2.	UNKNOWN ALIP. HYDROCARBON	21.20	140	J
3.	UNKNOWN	28.37	130	J
4.	PROPYL BENZAMIDE	29.24	3400	J
5.	PROPYL BENZAMIDE	29.37	3600	J

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

E.P.A. SAMPLE NO.

S102

Lab Name: I.E.P.A. - Springfield Contract: [illegible]

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

Matrix: (soil/water): Soil Lab Sample ID: D947303

Sample wt/vol: 30.340 (g/mL) g Lab File ID:

Level: (low/med) low Date Received: 07-19-1989

% Moisture: not dec. 46.5 dec. --- Date Extracted: 07-25-1989

Extraction: (SepF/Cont/Sonc) Sonc Date Analyzed: 08-18-1989

GPC Cleanup: (Y/N) Y pH: 6 Dilution Factor: 5

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	150	U
319-85-7	beta-BHC	150	U
319-86-8	delta-BHC	150	U
58-89-9	gamma-BHC (Lindane)	150	U
76-44-8	Heptachlor	150	U
309-00-2	Aldrin	150	U
1024-57-3	Heptachlor epoxide	150	U
959-98-8	Endosulfan I	150	U
60-57-1	Dieldrin	27	J
72-55-9	4,4'-DDE	299	U
72-20-8	Endrin	299	U
33213-65-9	Endosulfan II	299	U
72-54-8	4,4'-DDD	299	U
1031-07-8	Endosulfan sulfate	299	U
50-29-3	4,4'-DDT	299	U
72-43-5	Methoxychlor	1495	U
53494-70-5	Endrin ketone	299	U
5103-71-9	alpha-Chlordane	1495	U
5106-74-2	gamma-Chlordane	1495	U
8001-35-2	Toxaphene	2991	U
12674-11-2	Arochlor-1016	1495	U
11104-28-2	Aroclor-1221	1495	U
11141-16-5	Aroclor-1232	1495	U
53469-21-9	Aroclor-1242	1495	U
12672-29-6	Aroclor-1248	1495	U
11097-69-1	Aroclor-1254	2991	U
11096-82-5	Aroclor-1260	2991	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

E.P.A. SAMPLE NO.

S103

Lab Name: I.E.P.A. - Springfield Contract: Champion

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

Matrix: (soil/water): Soil Lab Sample ID: D974304

Sample wt/vol: 30.840 (g/mL) g Lab File ID:

Level: (low/med) low Date Received: 07-19-1989

% Moisture: not dec. 23.2 dec. --- Date Extracted: 07-25-1989

Extraction: (SepF/Cont/Sonc) Sonc Date Analyzed: 08-18-1989

GPC Cleanup: (Y/N) Y pH: 4 Dilution Factor: 5

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	104	U
319-85-7	beta-BHC	104	U
319-86-8	delta-BHC	104	U
58-89-9	gamma-BHC (Lindane)	104	U
76-44-8	Heptachlor	104	U
309-00-2	Aldrin	104	U
1024-57-3	Heptachlor epoxide	104	U
959-98-8	Endosulfan I	104	U
60-57-1	Dieldrin	208	U
72-55-9	4,4'-DDE	208	U
72-20-8	Endrin	208	U
33213-65-9	Endosulfan II	208	U
72-54-8	4,4'-DDD	208	U
1031-07-8	Endosulfan sulfate	208	U
50-29-3	4,4'-DDT	208	U
72-43-5	Methoxychlor	1042	U
53494-70-5	Endrin ketone	208	U
5103-71-9	alpha-Chlordane	1042	U
5106-74-2	gamma-Chlordane	1042	U
8001-35-2	Toxaphene	2083	U
12674-11-2	Arochlor-1016	1042	U
11104-28-2	Aroclor-1221	1042	U
11141-16-5	Aroclor-1232	1042	U
53469-21-9	Aroclor-1242	1042	U
12672-29-6	Aroclor-1248	1042	U
11097-69-1	Aroclor-1254	2083	U
11096-82-5	Aroclor-1260	2083	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

E.P.A. SAMPLE NO.

S104

Lab Name: I.E.P.A. - Springfield Contract: Champion

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

Matrix: (soil/water): Soil Lab Sample ID: D974305

Sample wt/vol: 30.790 (g/mL) g Lab File ID:

Level: (low/med) low Date Received: 07-19-1989

% Moisture: not dec. 28.4 dec. --- Date Extracted: 07-25-1989

Extraction: (SepF/Cont/Sonc) Sonc Date Analyzed: 08-18-1989

GPC Cleanup: (Y/N) Y pH: 4 Dilution Factor: 5

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	112	U
319-85-7	beta-BHC	112	U
319-86-8	delta-BHC	112	U
58-89-9	gamma-BHC (Lindane)	112	U
76-44-8	Heptachlor	112	U
309-00-2	Aldrin	112	U
1024-57-3	Heptachlor epoxide	112	U
959-98-8	Endosulfan I	112	U
60-57-1	Dieldrin	223	U
72-55-9	4,4'-DDE	223	U
72-20-8	Endrin	223	U
33213-65-9	Endosulfan II	223	U
72-54-8	4,4'-DDD	223	U
1031-07-8	Endosulfan sulfate	223	U
50-29-3	4,4'-DDT	223	U
72-43-5	Methoxychlor	1117	U
53494-70-5	Endrin ketone	223	U
5103-71-9	alpha-Chlordane	1117	U
5106-74-2	gamma-Chlordane	1117	U
8001-35-2	Toxaphene	2235	U
12674-11-2	Arochlor-1016	1117	U
11104-28-2	Aroclor-1221	1117	U
11141-16-5	Aroclor-1232	1117	U
53469-21-9	Aroclor-1242	1117	U
12672-29-6	Aroclor-1248	1117	U
11097-69-1	Aroclor-1254	2235	U
11096-82-5	Aroclor-1260	2235	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

E.P.A. SAMPLE NO.

X101

Lab Name: I.E.P.A. - Springfield Contract: Champion

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

Matrix: (soil/water): Soil Lab Sample ID: D974306

Sample wt/vol: 30.680 (g/mL) g Lab File ID:

Level: (low/med) low Date Received: 07-19-1989

% Moisture: not dec. 16.5 dec. --- Date Extracted: 07-25-1989

Extraction: (SepF/Cont/Sonc) Sonc Date Analyzed: 08-18-1989

GPC Cleanup: (Y/N) Y pH: 5 Dilution Factor: 5

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	6	J
319-85-7	beta-BHC	96	U
319-86-8	delta-BHC	96	U
58-89-9	gamma-BHC (Lindane)	96	U
76-44-8	Heptachlor	96	U
309-00-2	Aldrin	96	U
1024-57-3	Heptachlor epoxide	96	U
959-98-8	Endosulfan I	96	U
60-57-1	Dieldrin	192	U
72-55-9	4,4'-DDE	192	U
72-20-8	Endrin	192	U
33213-65-9	Endosulfan II	192	U
72-54-8	4,4'-DDD	192	U
1031-07-8	Endosulfan sulfate	192	U
50-29-3	4,4'-DDT	192	U
72-43-5	Methoxychlor	958	U
53494-70-5	Endrin ketone	192	U
5103-71-9	alpha-Chlordane	958	U
5106-74-2	gamma-Chlordane	958	U
8001-35-2	Toxaphene	1916	U
12674-11-2	Aroclor-1016	958	U
11104-28-2	Aroclor-1221	958	U
11141-16-5	Aroclor-1232	958	U
53469-21-9	Aroclor-1242	958	U
12672-29-6	Aroclor-1248	958	U
11097-69-1	Aroclor-1254	1916	U
11096-82-5	Aroclor-1260	1916	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

E.P.A. SAMPLE NO.

X102

Lab Name: I.E.P.A. - Springfield Contract: [illegible]

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

Matrix: (soil/water): Soil Lab Sample ID: D974307

Sample wt/vol: 32.450 (g/mL) g Lab File ID:

Level: (low/med) low Date Received: 07-19-1989

% Moisture: not dec. 47.3 dec. --- Date Extracted: 07-25-1989

Extraction: (SepF/Cont/Sonc) Sonc Date Analyzed: 08-17-1989

GPC Cleanup: (Y/N) Y pH: 5 Dilution Factor: 50

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	1518	U
319-85-7	beta-BHC	1518	U
319-86-8	delta-BHC	1518	U
58-89-9	gamma-BHC (Lindane)	1518	U
76-44-8	Heptachlor	1518	U
309-00-2	Aldrin	1518	U
1024-57-3	Heptachlor epoxide	222	J
959-98-8	Endosulfan I	1518	U
60-57-1	Dieldrin	3036	U
72-55-9	4,4'-DDE	3036	U
72-20-8	Endrin	3036	U
33213-65-9	Endosulfan II	3036	U
72-54-8	4,4'-DDD	3036	U
1031-07-8	Endosulfan sulfate	3036	U
50-29-3	4,4'-DDT	3036	U
72-43-5	Methoxychlor	15180	U
53494-70-5	Endrin ketone	3036	U
5103-71-9	alpha-Chlordane	15180	U
5106-74-2	gamma-Chlordane	15180	U
8001-35-2	Toxaphene	30361	U
12674-11-2	Arochlor-1016	15180	U
11104-28-2	Aroclor-1221	15180	U
11141-16-5	Aroclor-1232	15180	U
53469-21-9	Aroclor-1242	15180	U
12672-29-6	Aroclor-1248	15180	U
11097-69-1	Aroclor-1254	30361	U
11096-82-5	Aroclor-1260	30361	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

E.P.A. SAMPLE NO.

X103

Lab Name: I.E.P.A. - Springfield Contract: Champion

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

Matrix: (soil/water): Soil Lab Sample ID: D974308

Sample wt/vol: 30.430 (g/mL) g Lab File ID:

Level: (low/med) low Date Received: 07-19-1989

% Moisture: not dec. 5.50 dec. --- Date Extracted: 07-25-1989

Extraction: (SepF/Cont/Sonc) Sonc Date Analyzed: 08-17-1989

GPC Cleanup: (Y/N) Y pH: 5 Dilution Factor: 50

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	847	U
319-85-7	beta-BHC	847	U
319-86-8	delta-BHC	847	U
58-89-9	gamma-BHC (Lindane)	847	U
76-44-8	Heptachlor	847	U
309-00-2	Aldrin	847	U
1024-57-3	Heptachlor epoxide	847	U
959-98-8	Endosulfan I	847	U
60-57-1	Dieldrin	1693	U
72-55-9	4,4'-DDE	1693	U
72-20-8	Endrin	1693	U
33213-65-9	Endosulfan II	1693	U
72-54-8	4,4'-DDD	1693	U
1031-07-8	Endosulfan sulfate	1693	U
50-29-3	4,4'-DDT	1693	U
72-43-5	Methoxychlor	8466	U
53494-70-5	Endrin ketone	1693	U
5103-71-9	alpha-Chlordane	8466	U
5106-74-2	gamma-Chlordane	8466	U
8001-35-2	Toxaphene	16931	U
12674-11-2	Arochlor-1016	8466	U
11104-28-2	Aroclor-1221	8466	U
11141-16-5	Aroclor-1232	8466	U
53469-21-9	Aroclor-1242	8466	U
12672-29-6	Aroclor-1248	8466	U
11097-69-1	Aroclor-1254	16931	U
11096-82-5	Aroclor-1260	16931	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

E.P.A. SAMPLE NO.

X104

Lab Name: I.E.P.A. - Springfield Contract: Champion

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

Matrix: (soil/water): Soil Lab Sample ID: D974309

Sample wt/vol: 30.480 (g/mL) g Lab File ID:

Level: (low/med) low Date Received: 07-19-1989

% Moisture: not dec. 6.10 dec. --- Date Extracted: 07-25-1989

Extraction: (SepF/Cont/Sonc) Sonc Date Analyzed: 08-17-1989

GPC Cleanup: (Y/N) Y pH: 5 Dilution Factor: 50

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	852	U
319-85-7	beta-BHC	852	U
319-86-8	delta-BHC	852	U
58-89-9	gamma-BHC (Lindane)	852	U
76-44-8	Heptachlor	852	U
309-00-2	Aldrin	852	U
1024-57-3	Heptachlor epoxide	674	J
959-98-8	Endosulfan I	852	U
60-57-1	Dieldrin	1704	U
72-55-9	4,4'-DDE	1704	U
72-20-8	Endrin	1704	U
33213-65-9	Endosulfan II	1704	U
72-54-8	4,4'-DDD	1704	U
1031-07-8	Endosulfan sulfate	1704	U
50-29-3	4,4'-DDT	1704	U
72-43-5	Methoxychlor	1144	J
53494-70-5	Endrin ketone	1704	U
5103-71-9	alpha-Chlordane	8520	U
5106-74-2	gamma-Chlordane	8520	U
8001-35-2	Toxaphene	17039	U
12674-11-2	Arochlor-1016	8520	U
11104-28-2	Aroclor-1221	8520	U
11141-16-5	Aroclor-1232	8520	U
53469-21-9	Aroclor-1242	8520	U
12672-29-6	Aroclor-1248	8520	U
11097-69-1	Aroclor-1254	17039	U
11096-82-5	Aroclor-1260	17039	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

E.P.A. SAMPLE NO.

X105

Lab Name: I.E.P.A. - Springfield Contract: Champion

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

Matrix: (soil/water): Soil Lab Sample ID: D974310

Sample wt/vol: 30.610 (g/mL) g Lab File ID:

Level: (low/med) low Date Received: 07-19-1989

% Moisture: not dec. 17.4 dec. --- Date Extracted: 07-25-1989

Extraction: (SepF/Cont/Sonc) Sonc Date Analyzed: 08-18-1989

GPC Cleanup: (Y/N) Y pH: 5 Dilution Factor: 5

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	97	U
319-85-7	beta-BHC	97	U
319-86-8	delta-BHC	97	U
58-89-9	gamma-BHC (Lindane)	97	U
76-44-8	Heptachlor	97	U
309-00-2	Aldrin	97	U
1024-57-3	Heptachlor epoxide	97	U
959-98-8	Endosulfan I	97	U
60-57-1	Dieldrin	194	U
72-55-9	4,4'-DDE	194	U
72-20-8	Endrin	194	U
33213-65-9	Endosulfan II	194	U
72-54-8	4,4'-DDD	194	U
1031-07-8	Endosulfan sulfate	194	U
50-29-3	4,4'-DDT	194	U
72-43-5	Methoxychlor	969	U
53494-70-5	Endrin ketone	194	U
5103-71-9	alpha-Chlordane	969	U
5106-74-2	gamma-Chlordane	969	U
8001-35-2	Toxaphene	1937	U
12674-11-2	Aroclor-1016	969	U
11104-28-2	Aroclor-1221	969	U
11141-16-5	Aroclor-1232	969	U
53469-21-9	Aroclor-1242	969	U
12672-29-6	Aroclor-1248	969	U
11097-69-1	Aroclor-1254	1937	U
11096-82-5	Aroclor-1260	1937	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

E.P.A. SAMPLE NO.

X106

Lab Name: I.E.P.A. - Springfield Contract: Champion

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

Matrix: (soil/water): Soil Lab Sample ID: D974311

Sample wt/vol: 31.170 (g/mL) g Lab File ID:

Level: (low/med) low Date Received: 07-19-1989

% Moisture: not dec. 6.50 dec. --- Date Extracted: 07-25-1989

Extraction: (SepF/Cont/Sonc) Sonc Date Analyzed: 08-19-1989

GPC Cleanup: (Y/N) Y pH: 6 Dilution Factor: 5

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	86	U
319-85-7	beta-BHC	86	U
319-86-8	delta-BHC	86	U
58-89-9	gamma-BHC (Lindane)	86	U
76-44-8	Heptachlor	86	U
309-00-2	Aldrin	86	U
1024-57-3	Heptachlor epoxide	86	U
959-98-8	Endosulfan I	86	U
60-57-1	Dieldrin	171	U
72-55-9	4,4'-DDE	7	J
72-20-8	Endrin	171	U
33213-65-9	Endosulfan II	171	U
72-54-8	4,4'-DDD	171	U
1031-07-8	Endosulfan sulfate	171	U
50-29-3	4,4'-DDT	171	U
72-43-5	Methoxychlor	856	U
53494-70-5	Endrin ketone	171	U
5103-71-9	alpha-Chlordane	856	U
5106-74-2	gamma-Chlordane	856	U
8001-35-2	Toxaphene	1711	U
12674-11-2	Aroclor-1016	856	U
11104-28-2	Aroclor-1221	856	U
11141-16-5	Aroclor-1232	856	U
53469-21-9	Aroclor-1242	856	U
12672-29-6	Aroclor-1248	856	U
11097-69-1	Aroclor-1254	1711	U
11096-82-5	Aroclor-1260	1711	U

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

E.P.A. SAMPLE NO.

D974489BL

Lab Name: I.E.P.A. - Springfield Contract: Champion

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

Matrix: (soil/water): Soil Lab Sample ID: D974489BL

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

Level: (low/med) low Date Received: 07-19-1989

% Moisture: not dec. dec. --- Date Extracted: 07-25-1989

Extraction: (SepF/Cont/Sonc) Sonc Date Analyzed: 08-19-1989

GPC Cleanup: (Y/N) Y pH: Dilution Factor: 5

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	80	U
319-85-7	beta-BHC	80	U
319-86-8	delta-BHC	80	U
58-89-9	gamma-BHC (Lindane)	80	U
76-44-8	Heptachlor	80	U
309-00-2	Aldrin	80	U
1024-57-3	Heptachlor epoxide	80	U
959-98-8	Endosulfan I	80	U
60-57-1	Dieldrin	160	U
72-55-9	4,4'-DDE	160	U
72-20-8	Endrin	160	U
33213-65-9	Endosulfan II	160	U
72-54-8	4,4'-DDD	160	U
1031-07-8	Endosulfan sulfate	160	U
50-29-3	4,4'-DDT	160	U
72-43-5	Methoxychlor	800	U
53494-70-5	Endrin ketone	160	U
5103-71-9	alpha-Chlordane	800	U
5106-74-2	gamma-Chlordane	800	U
8001-35-2	Toxaphene	1600	U
12674-11-2	Aroclor-1016	800	U
11104-28-2	Aroclor-1221	800	U
11141-16-5	Aroclor-1232	800	U
53469-21-9	Aroclor-1242	800	U
12672-29-6	Aroclor-1248	800	U
11097-69-1	Aroclor-1254	1600	U
11096-82-5	Aroclor-1260	1600	U

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1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S102

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: CHAMPION LABS EDWARDS CO. # 0470050002

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: 13

Matrix (soil/water): _____ Lab Sample ID: B910129

Level (low/med): _____ Date Received: 07/20/89

% Solids: 54.5

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	9700			P	
7440-36-0	Antimony	0.55	U	N S	F	R
7440-38-2	Arsenic	7.06		S,N	F	J
7440-39-3	Barium	120			P	J
7440-41-7	Beryllium	0.8			P	
7440-43-9	Cadmium	11		N S	P	J
7440-70-2	Calcium	28000			P	
7440-47-3	Chromium	18			P	
7440-48-4	Cobalt	17			P	
7440-50-8	Copper	18			P	
7439-89-6	Iron	30000			P	
7439-92-1	Lead	50			P	
7439-95-4	Magnesium	5200			P	J
7439-96-5	Manganese	530			P	
7439-97-6	Mercury	0.06			AV	
7440-02-0	Nickel	18			P	J
7440-09-7	Potassium	900	B		P	
7782-49-2	Selenium	0.33	U	N S	F	J
7440-22-4	Silver	0.9	U		P	
7440-23-5	Sodium	450	B		P	
7440-28-0	Thallium	0.24	U	S	F	
7440-62-2	Vanadium	23			P	J
7440-66-6	Zinc	130			P	
	Cyanide	1.0	U		AS	

Color Before: BLACK Clarity Before: OPAQUE Texture: _____

Color After: GREEN Clarity After: CLEAR Artifacts: _____

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S103

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: CHAMPION LABS EDWARDS CO. # 0470050002

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: 13

Matrix (soil/water): _____ Lab Sample ID: B910130

Level (low/med): _____ Date Received: 07/20/89

% Solids: 75.4

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	12700			P	
7440-36-0	Antimony	0.38	U	NS	F	R
7440-38-2	Arsenic	8.03		S,N	F	J
7440-39-3	Barium	96			P	J
7440-41-7	Beryllium	1.2			P	
7440-43-9	Cadmium	15		N	P	J
7440-70-2	Calcium	7700			P	
7440-47-3	Chromium	24			P	
7440-48-4	Cobalt	20			P	
7440-50-8	Copper	19			P	
7439-89-6	Iron	41000			P	
7439-92-1	Lead	22			P	
7439-95-4	Magnesium	4800			P	J
7439-96-5	Manganese	440			P	
7439-97-6	Mercury	0.03			AV	
7440-02-0	Nickel	23			P	J
7440-09-7	Potassium	1100			P	
7782-49-2	Selenium	0.24	U	W,NS	F	J
7440-22-4	Silver	0.8	U		P	
7440-23-5	Sodium	130 U	B		P	
7440-28-0	Thallium	0.18	U	S	F	
7440-62-2	Vanadium	33			P	J
7440-66-6	Zinc	83			P	
	Cyanide	1.0	U		AS	

Color Before: BROWN Clarity Before: OPAQUE Texture: _____

Color After: GREEN Clarity After: CLEAR Artifacts: _____

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S104

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: CHAMPION LABS EDWARDS CO. # 0470050002

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: 13

Matrix (soil/water): _____ Lab Sample ID: B910131

Level (low/med): _____ Date Received: 07/20/89

% Solids: 66.0

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	8700			P	
7440-36-0	Antimony	0.43	U	N S	F	R
7440-38-2	Arsenic	4.72		S,N	F	J
7440-39-3	Barium	75			P	J
7440-41-7	Beryllium	1.1			P	
7440-43-9	Cadmium	11		N	P	J
7440-70-2	Calcium	2200			P	
7440-47-3	Chromium	18			P	
7440-48-4	Cobalt	19			P	
7440-50-8	Copper	15			P	
7439-89-6	Iron	31000			P	
7439-92-1	Lead	76			P	
7439-95-4	Magnesium	2800			P	J
7439-96-5	Manganese	490			P	
7439-97-6	Mercury	0.01	U		AV	
7440-02-0	Nickel	18			P	J
7440-09-7	Potassium	800	B		P	
7782-49-2	Selenium	0.26	U	N S	F	J
7440-22-4	Silver	1.1	U		P	
7440-23-5	Sodium	121 U	B		P	
7440-28-0	Thallium	0.19	U	S	F	
7440-62-2	Vanadium	23			P	J
7440-66-6	Zinc	64			P	
	Cyanide	0.65	U		AS	

Color Before: BROWN Clarity Before: OPAQUE Texture: _____

Color After: GREEN Clarity After: CLEAR Artifacts: _____

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

X101

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: CHAMPION LABS EDWARDS CO. # 0470050002

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: 13

Matrix (soil/water): _____ Lab Sample ID: B910123

Level (low/med): _____ Date Received: 07/20/89

% Solids: 87.8

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	9400			P	
7440-36-0	Antimony	0.34	U	N S	F	R
7440-38-2	Arsenic	4.5		N S	F	U
7440-39-3	Barium	77			P	U
7440-41-7	Beryllium	1.0	B		P	
7440-43-9	Cadmium	8.1		N	P	U
7440-70-2	Calcium	96000			P	
7440-47-3	Chromium	15			P	
7440-48-4	Cobalt	9.4	B		P	
7440-50-8	Copper	11			P	U
7439-89-6	Iron	19100			P	
7439-92-1	Lead	21			P	
7439-95-4	Magnesium	59	B		P	
7439-96-5	Manganese	143			P	
7439-97-6	Mercury	0.01	U		AV	
7440-02-0	Nickel	14			P	U
7440-09-7	Potassium	540	B		P	
7782-49-2	Selenium	0.19	U	W,N S	F	U
7440-22-4	Silver	1.1	U ~~B~~		P	
7440-23-5	Sodium	170	U ~~B~~		P	
7440-28-0	Thallium	0.14	U	S	F	
7440-62-2	Vanadium	23			P	U
7440-66-6	Zinc	110			P	
	Cyanide	0.68	U		AS	

Color Before: Yellow Clarity Before: Opaque Texture: _____

Color After: Green Clarity After: Clear Artifacts: _____

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

X102

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: CHAMPION LABS EDWARDS CO. # 0470050002

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: 13

Matrix (soil/water): _____ Lab Sample ID: B910124

Level (low/med): _____ Date Received: 07/20/89

% Solids: 65.6

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	2500			P	
7440-36-0	Antimony	0.45	U	N S	F	R
7440-38-2	Arsenic	2.6		N S	F	J
7440-39-3	Barium	49			P	J
7440-41-7	Beryllium	0.6	B		P	
7440-43-9	Cadmium	5.2		N	P	J
7440-70-2	Calcium	91000			P	
7440-47-3	Chromium	17			P	
7440-48-4	Cobalt	5.7 U	~~B~~		P	
7440-50-8	Copper	15			P	J
7439-89-6	Iron	7600			P	
7439-92-1	Lead	25			P	
7439-95-4	Magnesium	5900			P	
7439-96-5	Manganese	146			P	
7439-97-6	Mercury	0.15			AV	
7440-02-0	Nickel	9.1			P	J
7440-09-7	Potassium	390 U	~~B~~		P	
7782-49-2	Selenium	0.26	U	N S	F	J
7440-22-4	Silver	0.6 U	~~B~~		P	
7440-23-5	Sodium	150 U	~~B~~		P	
7440-28-0	Thallium	0.20	U	S	F	
7440-62-2	Vanadium	9.1	B		P	J
7440-66-6	Zinc	280			P	
	Cyanide	1.2	U		AS	

Color Before: BLACK Clarity Before: OPAQUE Texture: _____

Color After: GREEN Clarity After: CLEAR Artifacts: _____

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

X103

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: CHAMPION LABS EDWARDS CO. # 0470050002

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: 13

Matrix (soil/water): _____ Lab Sample ID: B910125

Level (low/med): _____ Date Received: 07/20/89

% Solids: 92.5

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	3100			P	
7440-36-0	Antimony	0.32	U	N S	F	
7440-38-2	Arsenic	2.94		N S	F	
7440-39-3	Barium	32			P	
7440-41-7	Beryllium	0.4	B		P	
7440-43-9	Cadmium	5.8		N	P	
7440-70-2	Calcium	44000			P	
7440-47-3	Chromium	11			P	
7440-48-4	Cobalt	10			P	
7440-50-8	Copper	12			P	
7439-89-6	Iron	11600			P	
7439-92-1	Lead	24			P	
7439-95-4	Magnesium	7200			P	
7439-96-5	Manganese	300			P	
7439-97-6	Mercury	0.01	U		AV	
7440-02-0	Nickel	14			P	
7440-09-7	Potassium	470	B		P	
7782-49-2	Selenium	0.18	U	N S	F	
7440-22-4	Silver	1.1 U	~~B~~		P	
7440-23-5	Sodium	120 U	~~B~~	S	F	
7440-28-0	Thallium	0.13	U		P	
7440-62-2	Vanadium	11			P	
7440-66-6	Zinc	140			P	
	Cyanide	0.56	U		AS	

Color Before: BROWN Clarity Before: OPAQUE Texture: _____

Color After: GREEN Clarity After: CLEAR Artifacts: _____

Comments:

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1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

X104

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: CHAMPION LABS EDWARDS CO. # 0470050002

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: 13

Matrix (soil/water): _____ Lab Sample ID: B910126

Level (low/med): _____ Date Received: 07/20/89

% Solids: 98.4

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	1700			P	
7440-36-0	Antimony	1.16	B	N S	F	R
7440-38-2	Arsenic	2.5		N S	F	J
7440-39-3	Barium	680			P	J
7440-41-7	Beryllium	0.08	U		P	
7440-43-9	Cadmium	8.6		N	P	J
7440-70-2	Calcium	188000			P	
7440-47-3	Chromium	37			P	J
7440-48-4	Cobalt	7.7			P	J
7440-50-8	Copper	7.6			P	J
7439-89-6	Iron	14000			P	
7439-92-1	Lead	72			P	J
7439-95-4	Magnesium	3500			P	
7439-96-5	Manganese	160			P	J
7439-97-6	Mercury	0.01	U		AV	
7440-02-0	Nickel	9.2			P	J
7440-09-7	Potassium	660	B		P	
7782-49-2	Selenium	0.17	U	W,N S	F	J
7440-22-4	Silver	0.7	U		P	J
7440-23-5	Sodium	300	B		P	
7440-28-0	Thallium	0.12	U	S	F	
7440-62-2	Vanadium	2	U		P	J
7440-66-6	Zinc	450			P	J
	Cyanide	0.56	U		AS	

Color Before: BLACK Clarity Before: OPAQUE Texture: _____

Color After: GREEN Clarity After: CLEAR Artifacts: _____

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

X105

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: CHAMPION LABS EDWARDS CO. # 0470050002

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: 13

Matrix (soil/water): _____ Lab Sample ID: B910127

Level (low/med): _____ Date Received: 07/20/89

% Solids: 84.5

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	14200			P	
7440-36-0	Antimony	0.33	U	N S	F	R
7440-38-2	Arsenic	3.79		S,N S	F	J
7440-39-3	Barium	96			P	J
7440-41-7	Beryllium	1.2			P	
7440-43-9	Cadmium	12.5		N	P	J
7440-70-2	Calcium	2100			P	
7440-47-3	Chromium	22			P	
7440-48-4	Cobalt	22			P	
7440-50-8	Copper	14			P	J
7439-89-6	Iron	33700			P	
7439-92-1	Lead	23			P	
7439-95-4	Magnesium	2800			P	
7439-96-5	Manganese	810			P	
7439-97-6	Mercury	0.01	U		AV	
7440-02-0	Nickel	20			P	J
7440-09-7	Potassium	940			P	
7782-49-2	Selenium	0.19	U	N S	F	J
7440-22-4	Silver	0.9	U		P	
7440-23-5	Sodium	153 U	U		P	
7440-28-0	Thallium	0.14	U	S	F	
7440-62-2	Vanadium	32			P	J
7440-66-6	Zinc	55			P	
	Cyanide	0.65	U		AS	

Color Before: BROWN Clarity Before: OPAQUE Texture: _____

Color After: GREEN Clarity After: CLEAR Artifacts: _____

Comments:

FORM I - IN

7/87

Rev. IFB Amendment One

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

X106

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: CHAMPION LABS EDWARDS CO. # 0470050002

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: 13

Matrix (soil/water): _____ Lab Sample ID: B910128

Level (low/med): _____ Date Received: 07/20/89

% Solids: 94.9

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	7200			P	
7440-36-0	Antimony	0.30	U	N S	F	R
7440-38-2	Arsenic	4.28		S,N	F	J
7440-39-3	Barium	72			P	J
7440-41-7	Beryllium	0.8			P	
7440-43-9	Cadmium	8.2		N	P	J
7440-70-2	Calcium	9200			P	
7440-47-3	Chromium	14			P	
7440-48-4	Cobalt	13			P	
7440-50-8	Copper	11			P	
7439-89-6	Iron	23000			P	
7439-92-1	Lead	30			P	
7439-95-4	Magnesium	2900			P	J
7439-96-5	Manganese	470			P	
7439-97-6	Mercury	0.01	U		AV	
7440-02-0	Nickel	15			P	J
7440-09-7	Potassium	690	B		P	
7782-49-2	Selenium	0.18	U	N S	F	J
7440-22-4	Silver	0.6	U		P	
7440-23-5	Sodium	99	U B		P	
7440-28-0	Thallium	0.14	U	S	F	
7440-62-2	Vanadium	20			P	J
7440-66-6	Zinc	93			P	
	Cyanide	0.64	U		AS	

Color Before: BROWN Clarity Before: OPAQUE Texture: _____

Color After: GREEN Clarity After: CLEAR Artifacts: _____

Comments: