EPA Region 5 Records Ctr.
350385

LPC 16300000 St. Clair Co.
Yvonne Sauget (Trust)
ILD 982073611
SF/HRS

CERCLA Integrated Site Assessment

Analytical Results Appendix I

Illinois Environmental Protection Agency

2200 Churchill Road
P. O. Box 19276
Springfield, IL 62794-9276

Confidential material may be enclosed.

Printed on Recycled Paper

Yvonne Saugel (Trust)
ILD #: 982073611

TABLE 3-2
SUMMARY

SAMPLING POINT	X101 12-9-92	X102 12-9-92	X103 12-8-92	X104 12-9-92	X105 12-9-92	X106 12-9-92	X107 12-9-92	X108 12-8-92	X109 12-9-92	X110 12-9-92	X111 12-9-92	X112 12-8-92	X113 12-8-92	X114 12-9-92	Soil Background X115 12-9-92	X116 12-9-9.
VOLATILES	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Acetone	10.0 J	4.0 J	190.0 J	--	--	19.0 J	--	36.0 J	--	19.0 J	--	--	23.0 J	41.0 J	13.0 J	--
2-Butanone (MEK)	--	--	9.0 J	--	--	--	--	--	--	--	--	--	--	10.0 J	--	--
SEMIVOLATILES	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
3-Nitroaniline	1000.0 R	1000.0 R	920.0 R	3600.0 R	1000.0 R	4400.0 R	1000.0 R	1100.0 R	880.0 R	910.0 R	1100.0 R	1100.0 R	920.0 R	4000.0 R	910.0 R	1000.0 R
4-Nitroaniline	1000.0 R	1000.0 R	920.0 R	3600.0 R	1000.0 R	4400.0 R	--	1100.0 R	880.0 R	910.0 R	1100.0 R	1100.0 R	920.0 R	4000.0 R	910.0 R	1000.0 R
Phenanthrene	--	--	--	330.0 J	--	470.0 J	--	100.0 J	80.0 J	--	--	--	--	--	--	--
Fluoranthene	--	--	--	480.0 J	110.0 J	--	--	140.0 J	160.0 J	--	--	--	--	--	--	--
Pyrene	--	--	--	520.0 J	110.0 J	970.0 J	--	130.0 J	140.0 J	--	--	--	--	490.0 J	--	--
Butylbenzylphthalate	--	--	--	--	--	--	--	--	--	170.0 J	--	--	--	--	--	--
Benzo(a)anthracene	--	--	--	--	--	--	--	--	78.0 J	--	--	--	--	--	--	--
Chrysene	--	--	--	350.0 J	--	470.0 J	--	100.0 J	100.0 J	--	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	--	--	--	--	--	--	--	--	96.0 J	130.0 J	--	--	--	--	--	--
Benzo(b)fluoranthene	--	--	--	--	--	--	--	--	200.0 J	--	--	--	--	--	--	--
Benzo(k)fluoranthene	--	--	--	550.0 J	--	--	--	200.0 J	--	--	--	--	--	--	--	--
Benzo(g,h,i)perylene	--	--	--	--	--	590.0 J	--	--	--	--	--	--	--	--	--	--
PESTICIDES	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Dieldrin	0.52 JP	--	7.30 J	210.0 PJ	2.60 JP	--	1.30 JP	3.80 JP	--	--	1.30 JP	--	--	--	--	6.50 PJ
4,4'-DDE	2.0 JP	--	23.0 PJ	560.0 PDJ	12.0 J	--	8.20 J	--	28.0 J	--	7.90 J	1.30 JP P	1.60 JP	--	--	38.0 PJ
Endrin	--	--	--	--	--	17.0 JD	--	--	--	--	--	--	--	--	--	--
Endosulfan II	--	--	12.0 P	240.0 PD	7.60 P	--	--	2.20 JP	8.10 P	--	4.10 JP	--	--	--	--	15.0 P
Endosulfan sulfate	--	--	38.0 P	--	--	--	--	--	--	--	--	--	--	16.0 JD	--	--
4,4'-DDT	8.5 PJ	4.60 PJ	9.30 PJ	540.0 PDJ	12.0 PJ	39.0 JD	9.70 PJ	7.0 PJ	37.0 PJ	2.20 JP P	11.0 PJ	2.20 JP P	--	43.0 DJ	--	70.0 PJ
Endrin Ketone	--	--	4.60 PJ	--	--	--	--	--	5.60 PJ	--	--	--	--	--	--	--
Endrin aldehyde	11.0	--	--	--	13.0 P	--	7.70 P	--	--	--	--	2.0 JP	--	--	--	--
alpha-Chlordane	--	--	--	--	--	29.0 D	--	--	--	--	--	--	--	--	--	--
gamma-Chlordane	0.32 JP	--	0.54 JP	--	0.440 JP	22.0 JPD	0.24 JP	--	0.26 JP	--	--	--	--	6.90 JPD	--	0.48 JP
Aroclor-1016	--	--	--	1200.0 D	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor-1221	--	--	--	310.0 JPD	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor-1242	--	--	330.0 P	--	--	340.0 JPD	--	420.0	50.0 P	37.0 JP	--	--	--	--	--	39.0 JP
Aroclor-1254	30.0 JP	11.0 JP	360.0 P	--	130.0 P	380.0 JPD	34.0 JP	260.0 P	230.0 P	35.0 JP	--	21.0 JP	6.80 J	540.0 PD	--	220.0 P
Aroclor-1260	93.0	26.0 J	540.0 P	4000.0 PDC	130.0 P	440.0 JD	72.0 P	110.0 P	160.0 P	27.0 JP	77.0 P	34.0 J	6.40 J	380.0 JPD	--	350.0 P
INORGANICS	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
Aluminum	16500.0	14400.0	2840.0	8400.0	19500.0	9130.0	21700.0	--	16800.0	10500.0	21500.0	20300.0	12400.0	3540.0	6570.0	16800.0
Arsenic	8.60 J	7.60 J	3.60 J	8.70 J	10.40 J	6.10 J	9.20 J	--	7.70 J	4.70 J	8.90 J	7.50 J	4.50 J	1.50 J	5.80 J	8.70 J
Barium	226.0	208.0	70.40	157.0	247.0	156.0	267.0	--	280.0	93.30	256.0	228.0	93.30	64.40	185.0	251.0
Beryllium	1.10 B	1.10 B	0.250 B	0.90 B	1.30	0.82 B	1.30	--	1.20	0.60 B	1.30	1.30	0.67 B	0.25 B	0.48 B	1.20 B
Cadmium	2.10	1.40	--	1.20	0.920	1.30	1.50	--	5.50	--	2.20	2.80	--	--	--	2.40
Calcium	7220.0	7190.0	18300.0	58800.0	13000.0	35900.0	17400.0	--	9710.0	5330.0	16400.0	13700.0	5090.0	24300.0	16400.0	8160.0
Chromium	21.40	19.20	13.60	79.30	23.0	13.60	26.60	--	26.80	15.0	25.50	25.60	15.20	7.60	10.50	21.40
Cobalt	9.60 B	11.40 B	3.40 B	7.60 B	11.20	5.60 B	10.70	--	10.40	7.60 B	13.80	10.80	8.0	2.80 B	4.80	11.20 B
Copper	41.90	46.20	21.50	53.90	28.80	23.60	43.80	--	85.0	14.0	45.30	78.70	12.80	7.90	9.60	38.30
Iron	23300.0	22100.0	13700.0	17400.0	24500.0	13800.0	26200.0	--	24300.0	15600.0	26700.0	25900.0	15000.0	6360.0	11500.0	25300.0
Lead	58.30	39.40	30.8	228.0	26.40	58.0	85.60	--	136.20 J	10.0	91.1	68.10	10.60	16.10	8.50	81.40
Magnesium	5290.0	5440.0	2610.0	9050.0	6840.0	3870.0	7120.0	--	5250.0	4270.0	7160.0	6380.0	3640.0	3380.0	6560.0	5380.0
Manganese	474.0 J	618.0 J	142.0 J	328.0 J	678.0 J	142.0 J	725.0 J	--	558.0 J	495.0 J	960.0 J	522.0 J	490.0 J	82.0 J	279.0 J	519.0 J
Mercury	0.07 B	0.10 B	0.09 B	0.880 B	0.04 B	0.07 B	0.07 B	--	0.19	0.07 B	0.09 B	0.09 B	0.03 B	0.02 B	--	0.07 B
Nickel	29.50	28.80	15.0	21.80	30.0	15.80	30.70	--	26.90	19.40	40.0	31.80	17.20	9.50	15.70	25.30
Potassium	3300.0	2680.0	502.0 B	1260.0	3550.0	2160.0	4000.0	--	3430.0	863.0	3990.0	3610.0	922.0	833.0 B	1470.0	2770.0
Selenium	0.42 BJ	0.22 BJ	--	0.24 BJ	0.15 BJ	0.71 BJ	0.18 BJ	--	0.21 BJ	--	0.18 BJ	0.29 BJ	--	--	--	0.17 BJ
Silver	--	--	--	--	--	--	--	--	--	--	2.60	--	--	--	--	--
Thallium	0.260 B	0.24 B	--	0.15 BJ	0.27 B	--	0.25 B	--	0.16 BJ	--	0.25 B	0.21 B	--	--	--	0.21 B
Vanadium	34.90	27.40	10.80	24.80	34.70	22.50	41.10	--	35.10	31.90	40.0	41.60	30.20	10.80	19.10	29.80
Zinc	195.0	160.0	56.90	2110.0	118.0	142.0	300.0	--	2370.0	64.0	303.0	263.0	38.10	45.0	38.90	221.0
Cyanide	--	--	--	--	--	--	--	--	--	--	--	--	21.0	--	--	--
TENTATIVELY IDENTIFIED COMPOUNDS	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
1-ETHYLIDENE-1H-INDENE	--	--	--	--	--	--	--	--	--	120.0 JN	--	--	--	--	--	--
2-CYCLOHEXEN-1-OL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	120.0 JN	--

Yvonne Saugel (Trust)
ILD #: 982073611

TABLE 3-3
KEY SAMPLES

SAMPLING POINT / PARAMETER	X101 12-9-92	X102 12-9-92	X103 12-8-92	X104 12-9-92	Target X105 12-9-92	X106 12-9-92	X107 12-9-92	X108 12-8-92	Target X109 12-9-92	X110 12-9-92	X111 12-9-92	X112 12-8-92	X113 12-8-92	X114 12-9-92	Soil Background X115 12-9-92	Target X116 12-9-
VOLATILES	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Acetone	--	--	190.0 J	--	--	--	--	--	--	--	--	--	--	41.0 J	--	--
SEMIVOLATILES	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Phenanthrene	--	--	--	--	--	470.0 J	--	--	--	--	--	--	--	--	--	--
Fluoranthene	--	--	--	460.0 J	--	--	--	--	--	--	--	--	--	--	--	--
Pyrene	--	--	--	520.0 J	--	970.0 J	--	--	--	--	--	--	--	490.0 J	--	--
Chrysene	--	--	--	--	--	470.0 J	--	--	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene	--	--	--	650.0 J	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(g,h,i)perylene	--	--	--	--	--	590.0 J	--	--	--	--	--	--	--	--	--	--
PESTICIDES	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Dieldrin	--	--	7.30 J	210.0 PJ	--	--	--	5.60 JP	--	--	--	--	--	--	--	6.50 P
4,4'-DDE	--	--	23.0 PJ	560.0 PDJ	12.0 J	--	8.20 J	--	28.0 J	--	7.90 J	--	--	--	--	38.0 PJ
Endrin	--	--	--	--	--	17.0 JD	--	--	--	--	--	--	--	--	--	--
Endosulfan II	--	--	12.0 P	240.0 PD	7.60 P	--	--	--	8.10 P	--	4.10 JP	--	--	--	--	15.0 P
Endosulfan sulfate	--	--	38.0 P	--	--	--	--	--	--	--	--	--	--	16.0 JD	--	--
4,4'-DDT	8.5 PJ	4.60 PJ	9.30 PJ	540.0 PDJ	12.0 PJ	39.0 JD	9.70 PJ	7.0 PJ	37.0 PJ	--	11.0 PJ	--	--	43.0 DJ	--	70.0 PJ
Endrin Ketone	--	--	4.60 PJ	--	--	--	--	--	5.60 PJ	--	--	--	--	--	--	--
Endrin aldehyde	11.0	--	--	--	13.0 P	--	7.70 P	--	--	--	--	--	--	--	--	--
alpha-Chlordane	--	--	--	--	--	29.0 D	--	--	--	--	--	--	--	--	--	--
gamma-Chlordane	--	--	--	--	--	22.0 JPD	--	--	--	--	--	--	--	6.90 JPD	--	--
Aroclor-1016	--	--	--	1200.0 D	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor-1221	--	--	--	310.0 JPD	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor-1242	--	--	330.0 P	--	--	340.0 JPD	--	420.0	50.0 P	37.0 JP	--	--	--	--	--	39.0 JP
Aroclor-1254	--	--	360.0 P	--	130.0 P	380.0 JPD	--	260.0 P	230.0 P	--	--	--	--	540.0 PD	--	220.0 P
Aroclor-1260	93.0	--	540.0 P	4000.0 PDC	130.0 P	440.0 JD	72.0 P	110.0 P	160.0 P	--	77.0 P	--	--	380.0 JPD	--	350.0 P
INORGANICS	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
Aluminum	--	--	--	--	--	--	21700.0	--	--	--	21500.0	20300.0	--	--	--	--
Arsenic	8.60 J	7.60 J	--	8.70 J	10.40 J	6.10 J	9.20 J	--	7.70 J	--	8.90 J	7.50 J	--	--	--	6.70 J
Cadmium	2.10	1.40	--	1.20	--	1.30	1.50	--	5.50	--	2.20	2.80	--	--	--	2.40
Calcium	--	--	--	58800.0	--	--	--	--	--	--	--	--	--	--	--	--
Chromium	--	--	--	79.30	--	--	--	--	--	--	--	--	--	--	--	--
Copper	41.90	46.20	--	53.90	28.80	--	43.80	--	85.0	--	45.30	78.70	--	--	--	38.30
Lead	58.30	39.40	30.8	228.0	28.40	58.0	85.60	--	136.20 J	--	91.1	68.10	--	--	--	81.40
Manganese	--	--	--	--	--	--	--	--	--	--	960.0 J	--	--	--	--	--
Selenium	0.42 BJ	0.22 BJ	--	0.24 BJ	0.15 BJ	0.71 BJ	0.16 BJ	--	0.21 BJ	--	0.18 BJ	0.29 BJ	--	--	--	0.17 B
Silver	--	--	--	--	--	--	--	--	--	--	2.60	--	--	--	--	--
Thallium	0.260 B	0.24 B	--	0.15 BJ	0.27 B	--	0.25 B	--	0.16 BJ	--	0.25 B	0.21 B	--	--	--	0.21 B
Zinc	195.0	160.0	--	2110.0	118.0	142.0	300.0	--	2370.0	--	303.0	263.0	--	--	--	221.0
Cyanide	--	--	--	--	--	--	--	--	--	--	--	--	21.0	--	--	--
TENTATIVELY IDENTIFIED COMPOUNDS	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
1-ETHYLIDENE-1H-INDENE	--	--	--	--	--	--	--	--	--	120.0 JN	--	--	--	--	--	--

DATA QUALIFIERS

QUALIFIER	DEFINITION ORGANICS	DEFINITION INORGANICS
U	Compound was tested for but not detected. The sample quantitation limit must be corrected for dilution and for percent moisture. For soil samples subjected to GPC clean-up procedures, the CRQL is also multiplied by two, to account for the fact that only half of the extract is recovered.	Analyte was analyzed for but not detected.
J	Estimated value. Used when estimating a concentration for tentatively identified compounds (TICS) where a 1:1 response is assumed or when the mass spectral data indicate the presence of a compound that meets the identification criteria and the result is less than the sample quantitation limit but greater than zero. Used in data validation when the quality control data indicate that a value may not be accurate.	Estimated value. Used in data validation when the quality control data indicate that a value may not be accurate.
C	This flag applies to pesticide results where the identification is confirmed by GC/MS.	Method qualifier indicates analysis by the Manual Spectrophotometric method.
B	Analyte was found in the associated blank as well as in the sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.	The reported value is less than the CRDL but greater than the instrument detection limit (IDL).
D	Identifies all compounds identified in an analysis at a secondary dilution factor. If a sample or extract is re-analyzed at a higher dilution factor as in the "E" flag, the "DL" suffix is appended to the sample number on the Form I for the diluted sample, and <u>all</u> concentration values are flagged with the "D" flag.	Not used.
E	Identifies compounds whose concentrations exceed the calibration range for that specific analysis. All extracts containing compounds exceeding the calibration range must be diluted and analyzed again. If the dilution of the extract causes any compounds identified in the first analysis to be below the calibration range in the second analysis, then the results of both analyses must be reported on separate Forms I. The Form I for the diluted sample must have the "DL" suffix appended to the sample number.	The reported value is estimated because of the presence of interference.
A	This flag indicates that a TIC is a suspected aldol concentration product formed by the reaction of the solvents used to process the sample in the laboratory.	Method qualifier indicates analysis by Flame Atomic Absorption (AA).
M	Not used.	Duplicate injection (a QC parameter not met).

N	Not used	Spiked sample (a QC parameter not met).
S	Not used.	The reported value was determined by the Method of Standard Additions (MSA).
W	Not used.	Post digestion spike for Furnace AA analysis (a QC parameter) is out of control limits of 85% to 115% recovery, while sample absorbance is less than 50% of spike absorbance.
*	Not used.	Duplicate analysis (a QC parameter not within control limits).
+	Not used.	Correlation coefficient for MSA (a QC parameter) is less than 0.995.
P	Not used.	Method qualifier indicates analysis by ICP (Inductively Coupled Plasma) Spectroscopy.
CV	Not used.	Method qualifier indicates analysis by Cold Vapor AA.
AV	Not used.	Method qualifier indicates analysis by Automated Cold Vapor AA.
AS	Not used.	Method qualifier indicates analysis by Semi-Automated Cold Spectrophotometry.
T	Not used.	Method qualifier indicates Titrimetric analysis.
NR	The analyte was not required to be analyzed.	The analyte was not required to be analyzed.
R	Rejected data. The QC parameters indicate that the data is not usable for any purpose.	Rejected data. The QC parameters indicate that the data is not usable for any purpose.

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X101

Lab Name: ILLINOIS EPA Contract: 163000000C

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227858

Sample wt/vol: 5.0 (g/mL) G Lab File ID: A1211BK04

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: not dec. 22 Date Analyzed: 12/11/92

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

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

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X101

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227858

Sample wt/vol: 30.3 (g/mL) G Lab File ID: C0113W08

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: 22 decanted: (Y/N) N Date Extracted: 12/18/92

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/13/93

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.3

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	420	U
111-44-4	bis(2-Chloroethyl)Ether	420	U
95-57-8	2-Chlorophenol	420	U
541-73-1	1,3-Dichlorobenzene	420	U
106-46-7	1,4-Dichlorobenzene	420	U
95-50-1	1,2-Dichlorobenzene	420	U
95-48-7	2-Methylphenol	420	U
108-60-1	2,2'-oxybis(1-Chloropropane)	420	U
106-44-5	4-Methylphenol	420	U
621-64-7	N-Nitroso-Di-n-Propylamine	420	U
67-72-1	Hexachloroethane	420	U
98-95-3	Nitrobenzene	420	U
78-59-1	Isophorone	420	U
88-75-5	2-Nitrophenol	420	U
105-67-9	2,4-Dimethylphenol	420	U
111-91-1	bis(2-Chloroethoxy)Methane	420	U
120-83-2	2,4-Dichlorophenol	420	U
120-82-1	1,2,4-Trichlorobenzene	420	U
91-20-3	Naphthalene	420	U
106-47-8	4-Chloroaniline	420	UJ
87-68-3	Hexachlorobutadiene	420	U
59-50-7	4-Chloro-3-Methylphenol	420	U
91-57-6	2-Methylnaphthalene	420	U
77-47-4	Hexachlorocyclopentadiene	420	U
88-06-2	2,4,6-Trichlorophenol	420	U
95-95-4	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	420	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	420	U
208-96-8	Acenaphthylene	420	U
606-20-2	2,6-Dinitrotoluene	420	U
99-09-2	3-Nitroaniline	1000	~~U~~ R am
83-32-9	Acenaphthene	420	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X101

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227858

Sample wt/vol: 30.3 (g/mL) G Lab File ID: C0113W08

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: 22 decanted: (Y/N) N Date Extracted: 12/18/92

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/13/93

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.3

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q	
51-28-5	2,4-Dinitrophenol	1000	U	
100-02-7	4-Nitrophenol	1000	U	
132-64-9	Dibenzofuran	420	U	
121-14-2	2,4-Dinitrotoluene	420	U	
84-66-2	Diethylphthalate	420	U	
7005-72-3	4-Chlorophenyl-phenylether	420	U	
86-73-7	Fluorene	420	U	
100-10-6	4-Nitroaniline	1000	~~U~~ R	am
534-52-1	4,6-Dinitro-2-methylphenol	1000	U	
86-30-6	N-Nitrosodiphenylamine (1)	420	U	
101-55-3	4-Bromophenyl-phenylether	420	U	
118-74-1	Hexachlorobenzene	420	U	
87-86-5	Pentachlorophenol	1000	U	
85-01-8	Phenanthrene	420	U	
120-12-7	Anthracene	420	U	
86-74-8	Carbazole	420	U	
84-74-2	Di-n-Butylphthalate	420 ~~298~~	~~BJ~~ U	am
206-44-0	Fluoranthene	420	U	
129-00-0	Pyrene	420	U	
85-68-7	Butylbenzylphthalate	420	U	
91-94-1	3,3'-Dichlorobenzidine	420	U	
56-55-3	Benzo(a)Anthracene	420	U	
218-01-9	Chrysene	420	U	
117-81-7	bis(2-Ethylhexyl)Phthalate	420	U	
117-84-0	Di-n-Octyl Phthalate	420	U	
205-99-2	Benzo(b)Fluoranthene	420	U	
207-08-9	Benzo(k)Fluoranthene	420	U	
50-32-8	Benzo(a)Pyrene	420	U	
193-39-5	Indeno(1,2,3-cd)Pyrene	420	U	
53-70-3	Dibenz(a,h)Anthracene	420	U	
191-24-2	Benzo(g,h,i)Perylene	420	U	

(1) - Cannot be separated from Diphenylamine

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X101

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227858

Sample wt/vol: 30.2 (g/mL) G Lab File ID: _____

% Moisture: 22 decanted: (Y/N) N Date Received: 12/10/92

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/17/92

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 01/~~14~~ 20/93 aw 3/13/93

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 6.3 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
----------	alpha-BHC	2.2	U
319-85-7--------	beta-BHC	2.2	U
319-86-8--------	delta-BHC	2.2	U
----------	gamma-BHC (Lindane)	2.2	UJ
----------	Heptachlor	2.2	U
----------	Aldrin	2.2	U
1024-57-3-------	Heptachlor epoxide	2.2	U
----------	Endosulfan I	2.2	U
----------	Dieldrin	0.52	JP
72-55-9---------	4,4'-DDE	2.0	JP
----------	Endrin	4.2	U
33213-65-9------	Endosulfan II	4.2	U
----------	4,4'-DDD	4.2	U
1031-07-8-------	Endosulfan sulfate	4.2	U
----------	4,4'-DDT	8.5	PJ
----------	Methoxychlor	22	U
53494-70-5------	Endrin ketone	4.2	UJ
----------	Endrin aldehyde	11	
5103-71-9-------	alpha-Chlordane	2.2	U
5103-74-2-------	gamma-Chlordane	0.32	JP
8001-35-2-------	Toxaphene	220	U
12674-11-2------	Aroclor-1016	42	U
11104-28-2------	Aroclor-1221	85	U
11141-16-5------	Aroclor-1232	42	U
53469-21-9------	Aroclor-1242	42	U
12672-29-6------	Aroclor-1248	42	U
11097-69-1------	Aroclor-1254	30	JP
11096-82-5------	Aroclor-1260	93	

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X101

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227858

Sample wt/vol: 5.0 (g/mL) G Lab File ID: A1211BK04

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: not dec. 22 Date Analyzed: 12/11/92

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X101

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227858

Sample wt/vol: 30.3 (g/mL) G Lab File ID: C0113W08

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: 22 decanted: (Y/N) N Date Extracted: 12/18/92

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/13/93

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.3

Number TICs found: 25

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q	
1.	UNKNOWN	6.88	6800	~~BJ~~ U	
2.	UNKNOWN ALIP. HYDROCARBON	7.20	720	J	
3.	UNKNOWN KETONE	7.62	92000	~~BAJ~~ U	am
4.	UNKNOWN	7.77	2100	~~BJ~~	am
5.	UNKNOWN ALIP. HYDROCARBON	7.90	1100	~~BJ~~ U	am
6.	UNKNOWN ALIP. HYDROCARBON	8.07	840	~~BJ~~ U	am
7.	UNKNOWN ALIP. ALCOHOL	8.44	200	J	
8.	UNKNOWN	8.90	310	J	
9. 79-34-5	ETHANE, 1,1,2,2-TETRACHLORO-	8.95	340	~~JNB~~ U	am
10.	UNKNOWN	9.02	3000	~~BJ~~ U	am
11.	UNKNOWN KETONE	9.37	450	~~BAJ~~ U	am
12.	UNKNOWN KETONE	9.67	3000	~~BAJ~~ U	am
13.	UNKNOWN KETONE	9.87	720	~~BAJ~~ U	am
14.	UNKNOWN	10.85	1100	J	
15.	UNKNOWN	11.30	180	~~BJ~~ U	am
16.	UNKNOWN	11.72	6000	J	
17.	UNKNOWN	13.77	570	J	
18.	UNKNOWN ALIP. ACID	23.92	590	J	
19.	UNK. CHLORINATED BIPHENYL	24.39	100	~~BJ~~ U	am
20.	UNKNOWN ALIP. ACID ESTER	28.14	860	~~BJ~~ U	am
21.	UNKNOWN	28.96	130	J	
22.	UNKNOWN ALIP. HYDROCARBON	30.64	380	J	
23.	UNKNOWN ALIP. HYDROCARBON	32.74	1700	J	
24.	UNKNOWN	33.61	650	J	
25.	UNKNOWN ALIP. HYDROCARBON	35.71	1800	J	

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
X101

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: YVONNE SAUGET TRUST
Lab Code: Case No.: SAS No.: SDG No.: 84
Matrix (Soil): Lab Sample ID: B218686
Level (Low/Med): Date Received: 12/10/92
% Solids: 77.6

Concentration Units (mg/kg dry weight):

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	16500			P	
7440-36-0	Antimony	15.0	U	N	P	R
7440-38-2	Arsenic	8.6		S,N	FM	J
7440-39-3	Barium	226			P	
7440-41-7	Beryllium	1.1	B		P	
7440-43-9	Cadmium	2.1			P	
7440-70-2	Calcium	7220			P	
7440-47-3	Chromium	21.4			P	
7440-48-4	Cobalt	9.6	B		P	
7440-50-8	Copper	41.9			P	
7439-89-6	Iron	23300			P	
7439-92-1	Lead	58.3			FM	
7439-95-4	Magnesium	5290			P	
7439-96-5	Manganese	474		N	P	J
7439-97-6	Mercury	0.07	B		AV	
7440-02-2	Nickel	29.5			P	
7440-09-7	Potassium	3300			P	
7782-49-2	Selenium	0.42	B	S,N	FM	J
7440-22-4	Silver	1.3	U		P	
7440-23-5	Sodium	456	~~B~~ U		P	
7440-28-0	Thallium	0.26	B		FM	
7440-62-2	Vanadium	34.9			P	
7440-66-6	Zinc	195			P	
	Cyanide	1.1	U		AS	
	Kjeldahl-N				AS	

Color Before: Brown Clarity Before: Opaque Texture: Fine
Color After: Colorless Clarity After: Clear Artifacts:
Comments:

FORM I - IN
SOIL

3/90

B000002

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X102

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227859

Sample wt/vol: 5.0 (g/mL) G Lab File ID: A1211BK05

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: not dec. 24 Date Analyzed: 12/11/92

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

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

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X102

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227859

Sample wt/vol: 30.9 (g/mL) G Lab File ID: C0113W07

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: 24 decanted: (Y/N) N Date Extracted: 12/18/92

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/13/93

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.8

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	420	U
111-44-4	bis(2-Chloroethyl)Ether	420	U
95-57-8	2-Chlorophenol	420	U
541-73-1	1,3-Dichlorobenzene	420	U
106-46-7	1,4-Dichlorobenzene	420	U
95-50-1	1,2-Dichlorobenzene	420	U
95-48-7	2-Methylphenol	420	U
108-60-1	2,2'-oxybis(1-Chloropropane)	420	U
106-44-5	4-Methylphenol	420	U
621-64-7	N-Nitroso-Di-n-Propylamine	420	U
67-72-1	Hexachloroethane	420	U
98-95-3	Nitrobenzene	420	U
78-59-1	Isophorone	420	U
88-75-5	2-Nitrophenol	420	U
105-67-9	2,4-Dimethylphenol	420	U
111-91-1	bis(2-Chloroethoxy)Methane	420	U
120-83-2	2,4-Dichlorophenol	420	U
120-82-1	1,2,4-Trichlorobenzene	420	U
91-20-3	Naphthalene	420	U
106-47-8	4-Chloroaniline	420	U J
87-68-3	Hexachlorobutadiene	420	U
59-50-7	4-Chloro-3-Methylphenol	420	U
91-57-6	2-Methylnaphthalene	420	U
77-47-4	Hexachlorocyclopentadiene	420	U
88-06-2	2,4,6-Trichlorophenol	420	U
95-95-4	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	420	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	420	U
208-96-8	Acenaphthylene	420	U
606-20-2	2,6-Dinitrotoluene	420	U
99-09-2	3-Nitroaniline	1000	~~U~~ R
83-32-9	Acenaphthene	420	U

an

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X102

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227859

Sample wt/vol: 30.9 (g/mL) G Lab File ID: C0113W07

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: 24 decanted: (Y/N) N Date Extracted: 12/18/92

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/13/93

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.8

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q	
51-28-5	2,4-Dinitrophenol	1000	U	
100-02-7	4-Nitrophenol	1000	U	
132-64-9	Dibenzofuran	420	U	
121-14-2	2,4-Dinitrotoluene	420	U	
84-66-2	Diethylphthalate	420	U	
7005-72-3	4-Chlorophenyl-phenylether	420	U	
86-73-7	Fluorene	420	U	
100-10-6	4-Nitroaniline	1000	~~U~~ R	am
534-52-1	4,6-Dinitro-2-methylphenol	1000	U	
86-30-6	N-Nitrosodiphenylamine (1)	420	U	
101-55-3	4-Bromophenyl-phenylether	420	U	
118-74-1	Hexachlorobenzene	420	U	
87-86-5	Pentachlorophenol	1000	U	
85-01-8	Phenanthrene	420	U	
120-12-7	Anthracene	420	U	
86-74-8	Carbazole	420	U	
84-74-2	Di-n-Butylphthalate	500	~~B~~ U	am
206-44-0	Fluoranthene	420	U	
129-00-0	Pyrene	420	U	
85-68-7	Butylbenzylphthalate	420	U	
91-94-1	3,3'-Dichlorobenzidine	420	U	
56-55-3	Benzo(a)Anthracene	420	U	
218-01-9	Chrysene	420	U	
117-81-7	bis(2-Ethylhexyl)Phthalate	420	U	
117-84-0	Di-n-Octyl Phthalate	420	U	
205-99-2	Benzo(b)Fluoranthene	420	U	
207-08-9	Benzo(k)Fluoranthene	420	U	
50-32-8	Benzo(a)Pyrene	420	U	
193-39-5	Indeno(1,2,3-cd)Pyrene	420	U	
53-70-3	Dibenz(a,h)Anthracene	420	U	
191-24-2	Benzo(g,h,i)Perylene	420	U	

(1) - Cannot be separated from Diphenylamine

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X102

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227859

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

% Moisture: 24 decanted: (Y/N) N Date Received: 12/10/92

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/17/92

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 01/~~14~~ 20/93 3/13/93

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 6.8 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
	alpha-BHC	2.2	U
319-85-7	beta-BHC	2.2	U
319-86-8	delta-BHC	2.2	U
	gamma-BHC (Lindane)	2.2	UJ
	Heptachlor	2.2	U
	Aldrin	2.2	U
1024-57-3	Heptachlor epoxide	2.2	U
	Endosulfan I	2.2	U
	Dieldrin	4.3	U
72-55-9	4,4'-DDE	4.3	U
	Endrin	4.3	U
33213-65-9	Endosulfan II	4.3	U
	4,4'-DDD	4.3	U
1031-07-8	Endosulfan sulfate	4.3	U
	4,4'-DDT	4.6	PJ
	Methoxychlor	22	U
53494-70-5	Endrin ketone	4.3	UJ
	Endrin aldehyde	4.3	U
5103-71-9	alpha-Chlordane	2.2	U
5103-74-2	gamma-Chlordane	2.2	U
8001-35-2	Toxaphene	220	U
12674-11-2	Aroclor-1016	43	U
11104-28-2	Aroclor-1221	87	U
11141-16-5	Aroclor-1232	43	U
53469-21-9	Aroclor-1242	43	U
12672-29-6	Aroclor-1248	43	U
11097-69-1	Aroclor-1254	11	JP
11096-82-5	Aroclor-1260	26	J

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X102

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227859

Sample wt/vol: 5.0 (g/mL) G Lab File ID: A1211BK05

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: not dec. 24 Date Analyzed: 12/11/92

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X102

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227859

Sample wt/vol: 30.9 (g/mL) G Lab File ID: C0113W07

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: 24 decanted: (Y/N) N Date Extracted: 12/18/92

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/13/93

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.8

Number TICs found: 27

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q	
1.	UNKNOWN	6.85	7500	~~BJ~~ U	am
2.	UNKNOWN ALIP. HYDROCARBON	7.18	690	J	
3.	UNKNOWN KETONE	7.60	100000	~~BAJ~~ U	am
4.	UNKNOWN	7.75	2200	~~BJ~~	am
5.	UNKNOWN ALIP. HYDROCARBON	7.88	1200	~~BJ~~ U	am
6.	UNKNOWN ALIP. HYDROCARBON	8.05	930	~~BJ~~ U	am
7.	UNKNOWN	8.42	210	J	
8. 79-34-5	ETHANE, 1,1,2,2-TETRACHLORO-	8.95	400	~~JNB~~ U	am
9.	UNKNOWN	9.00	3500	~~BJ~~ U	am
10.	UNKNOWN KETONE	9.35	480	~~BAJ~~ U	am
11.	UNKNOWN KETONE	9.67	3800	~~BAJ~~ U	am
12.	UNKNOWN KETONE	9.87	970	~~BAJ~~ U	am
13.	UNKNOWN	10.12	670	J	
14.	UNKNOWN	10.84	1300	J	
15.	UNKNOWN	11.29	170	J	
16.	UNKNOWN	11.70	5700	J	
17.	UNKNOWN	13.75	540	J	
18.	UNKNOWN	23.82	86	J	
19.	UNKNOWN ALIP. ACID	23.90	940	J	
20.	UNKNOWN	24.37	280	~~BJ~~ U	am
21.	UNKNOWN ALIP. ACID ESTER	28.12	720	~~BJ~~ U	am
22.	UNKNOWN ALIP. HYDROCARBON	28.94	160	J	
23.	UNKNOWN ALIP. HYDROCARBON	30.62	390	J	
24.	UNKNOWN ALIP. HYDROCARBON	31.59	130	J	
25.	UNKNOWN	32.07	280	J	
26.	UNKNOWN ALIP. HYDROCARBON	32.72	1600	J	
27.	UNKNOWN ALIP. HYDROCARBON	35.71	1300	J	

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

X102

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: YVONNE SAUGET TRUST
Lab Code: Case No.: SAS No.: SDG No.: 84
Matrix (Soil): Lab Sample ID: B218687
Level (Low/Med): Date Received: 12/10/92
% Solids: 74.9

Concentration Units (mg/kg dry weight):

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	14400			P	
7440-36-0	Antimony	13.3	U	N	P	R
7440-38-2	Arsenic	7.6		S,N	FM	J
7440-39-3	Barium	208			P	
7440-41-7	Beryllium	1.1	B		P	
7440-43-9	Cadmium	1.4			P	
7440-70-2	Calcium	7190			P	
7440-47-3	Chromium	19.2			P	
7440-48-4	Cobalt	11.4	B		P	
7440-50-8	Copper	46.2			P	
7439-89-6	Iron	22100			P	
7439-92-1	Lead	39.4			FM	
7439-95-4	Magnesium	5440			P	
7439-96-5	Manganese	618		N	P	J
7439-97-6	Mercury	0.10	B		AV	
7440-02-2	Nickel	28.8			P	
7440-09-7	Potassium	2680			P	
7782-49-2	Selenium	0.22	B	W,N	FM	J
7440-22-4	Silver	1.2	U		P	
7440-23-5	Sodium	359	~~B~~ U		P	
7440-28-0	Thallium	0.24	B		FM	
7440-62-2	Vanadium	27.4			P	
7440-66-6	Zinc	160			P	
	Cyanide	1.1	U		AS	
	Kjeldahl-N				AS	

Color Before: Brown Clarity Before: Opaque Texture: Fine
Color After: Colorless Clarity After: Clear Artifacts:
Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X103

La Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227860

Sample wt/vol: 5.0 (g/mL) G Lab File ID: A1211BK06

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: not dec. 16 Date Analyzed: 12/11/92

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	12	UJ
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	UJ
75-00-3	Chloroethane	12	UJ
75-09-2	Methylene Chloride	12 ~~8~~	~~BJ~~ U an
67-64-1	Acetone	190	J
75-15-0	Carbon Disulfide	12	U
75-35-4	1,1-Dichloroethene	12	U
75-34-3	1,1-Dichloroethane	12	U
540-59-0	1,2-Dichloroethene (total)	12	U
67-66-3	Chloroform	12	U
107-06-2	1,2-Dichloroethane	12	U
78-93-3	2-Butanone	9	J
71-55-6	1,1,1-Trichloroethane	12	U
56-23-5	Carbon Tetrachloride	12	U
75-27-4	Bromodichloromethane	12	U
78-87-5	1,2-Dichloropropane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
79-01-6	Trichloroethene	12	U
124-48-1	Dibromochloromethane	12	U
79-00-5	1,1,2-Trichloroethane	12	U
71-43-2	Benzene	12	U
10061-02-6	trans-1,3-Dichloropropene	12	U
75-25-2	Bromoform	12	U
108-10-1	4-Methyl-2-Pentanone	12	UJ
591-78-6	2-Hexanone	12	UJ
127-18-4	Tetrachloroethene	12	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
108-88-3	Toluene	12	U
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	12	U
100-42-5	Styrene	12	U
1330-20-7	Xylene (total)	12	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X103

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227860

Sample wt/vol: 30.9 (g/mL) G Lab File ID: C0114W04

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: 16 decanted: (Y/N) N Date Extracted: 12/18/92

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/14/93

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)Ether	380	U
95-57-8	2-Chlorophenol	380	U
541-73-1	1,3-Dichlorobenzene	380	U
106-46-7	1,4-Dichlorobenzene	380	U
95-50-1	1,2-Dichlorobenzene	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	2,2'-oxybis(1-Chloropropane)	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-Di-n-Propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
111-91-1	bis(2-Chloroethoxy)Methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
120-82-1	1,2,4-Trichlorobenzene	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	UJ
87-68-3	Hexachlorobutadiene	380	U
59-50-7	4-Chloro-3-Methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	920	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	920	U
131-11-3	Dimethylphthalate	380	U
208-96-8	Acenaphthylene	380	U
606-20-2	2,6-Dinitrotoluene	380	U
99-09-2	3-Nitroaniline	920	~~U~~R
83-32-9	Acenaphthene	380	U

am

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X103

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227860

Sample wt/vol: 30.9 (g/mL) G Lab File ID: C0114W04

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: 16 decanted: (Y/N) N Date Extracted: 12/18/92

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/14/93

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q	
51-28-5	2,4-Dinitrophenol	920	U	
100-02-7	4-Nitrophenol	920	U	
132-64-9	Dibenzofuran	380	U	
121-14-2	2,4-Dinitrotoluene	380	U	
84-66-2	Diethylphthalate	380	U	
7005-72-3	4-Chlorophenyl-phenylether	380	U	
86-73-7	Fluorene	380	U	
100-10-6	4-Nitroaniline	920	~~U~~ R	am
534-52-1	4,6-Dinitro-2-methylphenol	920	U	
86-30-6	N-Nitrosodiphenylamine (1)	380	U	
101-55-3	4-Bromophenyl-phenylether	380	U	
118-74-1	Hexachlorobenzene	380	U	
87-86-5	Pentachlorophenol	920	U	
85-01-8	Phenanthrene	380	U	
120-12-7	Anthracene	380	U	
86-74-8	Carbazole	380	U	
84-74-2	Di-n-Butylphthalate	380 ~~300~~	~~BJ~~ U	am
206-44-0	Fluoranthene	380	U	
129-00-0	Pyrene	380	U	
85-68-7	Butylbenzylphthalate	380	U	
91-94-1	3,3'-Dichlorobenzidine	380	U	
56-55-3	Benzo(a)Anthracene	380	U	
218-01-9	Chrysene	380	U	
117-81-7	bis(2-Ethylhexyl)Phthalate	380	U	
117-84-0	Di-n-Octyl Phthalate	380	U	
205-99-2	Benzo(b)Fluoranthene	380	U	
207-08-9	Benzo(k)Fluoranthene	380	U	
50-32-8	Benzo(a)Pyrene	380	U	
193-39-5	Indeno(1,2,3-cd)Pyrene	380	U	
53-70-3	Dibenz(a,h)Anthracene	380	U	
191-24-2	Benzo(g,h,i)Perylene	380	U	

(1) - Cannot be separated from Diphenylamine

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X103

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227860

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

% Moisture: 16 decanted: (Y/N) N Date Received: 12/10/92

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/17/92

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 01/~~14~~ 20/93 3/13/93

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
----------	alpha-BHC	2.0	U
319-85-7--------	beta-BHC	2.0	U
319-86-8--------	delta-BHC	2.0	U
----------	gamma-BHC (Lindane)	2.0	UJ
----------	Heptachlor	2.0	U
----------	Aldrin	2.0	U
1024-57-3-------	Heptachlor epoxide	2.0	U
----------	Endosulfan I	2.0	U
----------	Dieldrin	7.3	J
72-55-9---------	4,4'-DDE	23	PJ
----------	Endrin	3.9	U
33213-65-9------	Endosulfan II	12	P
----------	4,4'-DDD	3.9	U
1031-07-8-------	Endosulfan sulfate	38	P
----------	4,4'-DDT	9.3	PJ
----------	Methoxychlor	20	U
53494-70-5------	Endrin ketone	4.8	PJ
----------	Endrin aldehyde	3.9	U
5103-71-9-------	alpha-Chlordane	2.0	U
5103-74-2-------	gamma-Chlordane	0.54	JP
8001-35-2-------	Toxaphene	200	U
12674-11-2------	Aroclor-1016	39	U
11104-28-2------	Aroclor-1221	79	U
11141-16-5------	Aroclor-1232	39	U
53469-21-9------	Aroclor-1242	330	P
12672-29-6------	Aroclor-1248	39	U
11097-69-1------	Aroclor-1254	360	P
11096-82-5------	Aroclor-1260	540	P

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X103

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227860

Sample wt/vol: 5.0 (g/mL) G Lab File ID: A1211BK06

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: not dec. 16 Date Analyzed: 12/11/92

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X103

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227860

Sample wt/vol: 30.9 (g/mL) G Lab File ID: C0114W04

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: 16 decanted: (Y/N) N Date Extracted: 12/18/92

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/14/93

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

Number TICs found: 18

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q	
1.	UNKNOWN	6.97	6200	~~BJ~~ U	m
2.	UNKNOWN KETONE	7.68	110000	~~BAJ~~ U	am
3.	UNKNOWN	7.80	1700	~~BJ~~	am
4.	UNKNOWN ALIP. HYDROCARBON	7.95	1100	~~BJ~~ U	am
5.	UNKNOWN ALIP. HYDROCARBON	8.10	910	~~BJ~~ U	am
6. 79-34-5	ETHANE, 1,1,2,2-TERTACHLORO-	9.00	190	~~JNB~~ U	am
7.	UNKNOWN	9.07	3200	~~BJ~~ U	am
8.	UNKNOWN KETONE	9.40	890	~~BAJ~~ U	am
9.	UNKNOWN KETONE	9.70	1000	~~BAJ~~ U	am
10.	UNKNOWN	10.89	840	J	
11.	UNKNOWN	11.75	7100	J	
12.	UNKNOWN KETONE	13.79	750	J	
13.	UNKNOWN	21.32	95	J	
14.	UNKNOWN ALIP. ACID	23.94	480	J	
15.	UNKNOWN	24.40	170	~~BJ~~ U	am
16.	UNKNOWN ALIP. ACID ESTER	28.17	370	~~BJ~~ U	am
17.	UNKNOWN	32.12	470	J	
18.	UNKNOWN ALIP. HYDROCARBON	32.77	450	J	

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

X103

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: YVONNE SAUGET TRUST
Lab Code: Case No.: SAS No.: SDG No.: 84
Matrix (Soil): Lab Sample ID: B218688
Level (Low/Med): Date Received: 12/10/92
% Solids: 82.5

Concentration Units (mg/kg dry weight):

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	2840			P	
7440-36-0	Antimony	10.9	U	N	P	R
7440-38-2	Arsenic	3.6		S,N	FM	J
7440-39-3	Barium	70.4			P	
7440-41-7	Beryllium	0.25	B		P	
7440-43-9	Cadmium	0.94	U		P	
7440-70-2	Calcium	18300			P	
7440-47-3	Chromium	13.6			P	
7440-48-4	Cobalt	3.4	B		P	
7440-50-8	Copper	21.5			P	
7439-89-6	Iron	13700			P	
7439-92-1	Lead	30.8			FM	
7439-95-4	Magnesium	2610			P	
7439-96-5	Manganese	142		N	P	J
7439-97-6	Mercury	0.09	B		AV	
7440-02-2	Nickel	15.0			P	
7440-09-7	Potassium	502	B		P	
7782-49-2	Selenium	0.12	U	N	FM	J
7440-22-4	Silver	0.94	U		P	
7440-23-5	Sodium	328	~~B~~ U		P	
7440-28-0	Thallium	0.12	U		FM	
7440-62-2	Vanadium	10.8			P	
7440-66-6	Zinc	56.9			P	
	Cyanide	1.0	U		AS	
	Kjeldahl-N				AS	

Color Before: Brown Clarity Before: Opaque Texture: Medium
Color After: Green Clarity After: Clear Artifacts:
Comments:

B000004

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X104

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227866

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B1211LC08

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: not dec. 12 Date Analyzed: 12/11/92

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q	
74-87-3	Chloromethane	11	U	
74-83-9	Bromomethane	11	U	
75-01-4	Vinyl Chloride	11	U	
75-00-3	Chloroethane	11	U	
75-09-2	Methylene Chloride	11 ~~8~~	~~B~~ U	am
67-64-1	Acetone	35	~~B~~ U	am
75-15-0	Carbon Disulfide	11	U	
75-35-4	1,1-Dichloroethene	11	U	
75-34-3	1,1-Dichloroethane	11	U	
540-59-0	1,2-Dichloroethene (total)	11	U	
67-66-3	Chloroform	11	U	
107-06-2	1,2-Dichloroethane	11	U	
78-93-3	2-Butanone	11 ~~8~~	~~B~~ U	am
71-55-6	1,1,1-Trichloroethane	11	U	
56-23-5	Carbon Tetrachloride	11	U	
75-27-4	Bromodichloromethane	11	U	
78-87-5	1,2-Dichloropropane	11	U	
10061-01-5	cis-1,3-Dichloropropene	11	U	
79-01-6	Trichloroethene	11	U	
124-48-1	Dibromochloromethane	11	U	
79-00-5	1,1,2-Trichloroethane	11	U	
71-43-2	Benzene	11	U	
10061-02-6	trans-1,3-Dichloropropene	11	U	
75-25-2	Bromoform	11	U	
108-10-1	4-Methyl-2-Pentanone	11	U	
591-78-6	2-Hexanone	11	U	
127-18-4	Tetrachloroethene	11	U	
79-34-5	1,1,2,2-Tetrachloroethane	11	U	
108-88-3	Toluene	11	U	
108-90-7	Chlorobenzene	11	U	
100-41-4	Ethylbenzene	11	U	
100-42-5	Styrene	11	U	
1330-20-7	Xylene (total)	11	U	

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X104

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227866

Sample wt/vol: 30.6 (g/mL) G Lab File ID: C0120W03

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: 12 decanted: (Y/N) N Date Extracted: 12/18/92

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/20/93

Injection Volume: 2.0(uL) Dilution Factor: 4.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	1500	U
111-44-4	bis(2-Chloroethyl)Ether	1500	U
95-57-8	2-Chlorophenol	1500	U
541-73-1	1,3-Dichlorobenzene	1500	U
106-46-7	1,4-Dichlorobenzene	1500	U
95-50-1	1,2-Dichlorobenzene	1500	U
95-48-7	2-Methylphenol	1500	UJ
108-60-1	2,2'-oxybis(1-Chloropropane)	1500	U
106-44-5	4-Methylphenol	1500	U
621-64-7	N-Nitroso-Di-n-Propylamine	1500	U
67-72-1	Hexachloroethane	1500	U
98-95-3	Nitrobenzene	1500	U
78-59-1	Isophorone	1500	U
88-75-5	2-Nitrophenol	1500	U
105-67-9	2,4-Dimethylphenol	1500	U
111-91-1	bis(2-Chloroethoxy)Methane	1500	U
120-83-2	2,4-Dichlorophenol	1500	U
120-82-1	1,2,4-Trichlorobenzene	1500	U
91-20-3	Naphthalene	1500	U
106-47-8	4-Chloroaniline	1500	UJ
87-68-3	Hexachlorobutadiene	1500	U
59-50-7	4-Chloro-3-Methylphenol	1500	U
91-57-6	2-Methylnaphthalene	1500	U
77-47-4	Hexachlorocyclopentadiene	1500	U
88-06-2	2,4,6-Trichlorophenol	1500	U
95-95-4	2,4,5-Trichlorophenol	3600	U
91-58-7	2-Chloronaphthalene	1500	U
88-74-4	2-Nitroaniline	3600	U
131-11-3	Dimethylphthalate	1500	U
208-96-8	Acenaphthylene	1500	U
606-20-2	2,6-Dinitrotoluene	1500	U
99-09-2	3-Nitroaniline	3600	~~U~~R
83-32-9	Acenaphthene	1500	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X104

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227866

Sample wt/vol: 30.6 (g/mL) G Lab File ID: C0120W03

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: 12 decanted: (Y/N) N Date Extracted: 12/18/92

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/20/93

Injection Volume: 2.0 (uL) Dilution Factor: 4.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	3600	U
100-02-7	4-Nitrophenol	3600	UJ
132-64-9	Dibenzofuran	1500	U
121-14-2	2,4-Dinitrotoluene	1500	U
84-66-2	Diethylphthalate	1500	U
7005-72-3	4-Chlorophenyl-phenylether	1500	U
86-73-7	Fluorene	1500	U
100-10-6	4-Nitroaniline	3600	~~U~~ R am
534-52-1	4,6-Dinitro-2-methylphenol	3600	U
86-30-6	N-Nitrosodiphenylamine (1)	1500	U
101-55-3	4-Bromophenyl-phenylether	1500	U
118-74-1	Hexachlorobenzene	1500	U
87-86-5	Pentachlorophenol	3600	U
85-01-8	Phenanthrene	330	J
120-12-7	Anthracene	1500	U
86-74-8	Carbazole	1500	U
84-74-2	Di-n-Butylphthalate	1500	U
206-44-0	Fluoranthene	480	J
129-00-0	Pyrene	520	J
85-68-7	Butylbenzylphthalate	1500	U
91-94-1	3,3'-Dichlorobenzidine	1500	U
56-55-3	Benzo(a)Anthracene	1500	U
218-01-9	Chrysene	350	J
117-81-7	bis(2-Ethylhexyl)Phthalate	1500	U
117-84-0	Di-n-Octyl Phthalate	1500	U
205-99-2	Benzo(b)Fluoranthene	1500	U
207-08-9	Benzo(k)Fluoranthene	550	J
50-32-8	Benzo(a)Pyrene	1500	U
193-39-5	Indeno(1,2,3-cd)Pyrene	1500	U
53-70-3	Dibenz(a,h)Anthracene	1500	U
191-24-2	Benzo(g,h,i)Perylene	1500	U

(1) - Cannot be separated from Diphenylamine

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X104DL

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227866

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

% Moisture: 12 decanted: (Y/N) N Date Received: 12/10/92

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/17/92

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 01/~~14~~ 20/93 an 3/31/93

Injection Volume: 2.00 (uL) Dilution Factor: 10.0

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

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

CAS NO.	COMPOUND		Q	
----------	alpha-BHC	19	U	
319-85-7--------	beta-BHC	19	U	
319-86-8--------	delta-BHC	19	U	
----------	gamma-BHC (Lindane)	19	UJ	
----------	Heptachlor	19	U	
----------	Aldrin	19	U	
1024-57-3-------	Heptachlor epoxide	19	U	
----------	Endosulfan I	19	U	
----------	Dieldrin	210	PJ	
72-55-9---------	4,4'-DDE	560	PD~~X~~J	an
----------	Endrin	37	U	
33213-65-9------	Endosulfan II	240	PD	
----------	4,4'-DDD	37	U	
1031-07-8-------	Endosulfan sulfate	37	U	
----------	4,4'-DDT	540	PD~~X~~J	an
----------	Methoxychlor	190	U	
53494-70-5------	Endrin ketone	37	UJ	
----------	Endrin aldehyde	37	U	
5103-71-9-------	alpha-Chlordane	19	U	
5103-74-2-------	gamma-Chlordane	19	U	
8001-35-2-------	Toxaphene	1900	U	
12674-11-2------	Aroclor-1016	1200	D	
11104-28-2------	Aroclor-1221	310	JPD	
11141-16-5------	Aroclor-1232	370	U	
53469-21-9------	Aroclor-1242	370	U	
12672-29-6------	Aroclor-1248	370	U	
11097-69-1------	Aroclor-1254	370	U	
11096-82-5------	Aroclor-1260	4000	PDC	

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X104

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227866

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B1211LC08

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: not dec. 12 Date Analyzed: 12/11/92

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X104

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227866

Sample wt/vol: 30.6 (g/mL) G Lab File ID: C0120W03

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: 12 decanted: (Y/N) N Date Extracted: 12/18/92

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/20/93

Injection Volume: 2.0(uL) Dilution Factor: 4.0

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

Number TICs found: 6

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN KETONE	7.42	100000	~~BAJ~~ U
2.	UNKNOWN	9.04	1400	~~BJ~~ U
3.	UNKNOWN ALIP. HYDROCARBON	21.14	400	J
4.	UNKNOWN	26.12	1300	J
5.	UNKNOWN	26.67	1100	J
6.	UNKNOWN	32.77	500	J

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

X104

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: YVONNE SAUGET TRUST
Lab Code: Case No.: SAS No.: SDG No.: 84
Matrix (Soil): Lab Sample ID: B218689
Level (Low/Med): Date Received: 12/10/92
% Solids: 87.8

Concentration Units (mg/kg dry weight):

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	~~3400~~ CB 8400			P	
7440-36-0	Antimony	12.4	U	N	P	R
7440-38-2	Arsenic	8.7		S,N	FM	J
7440-39-3	Barium	157			P	
7440-41-7	Beryllium	0.9	B		P	
7440-43-9	Cadmium	1.2			P	
7440-70-2	Calcium	58800			P	
7440-47-3	Chromium	79.3			P	
7440-48-4	Cobalt	7.8	B		P	
7440-50-8	Copper	53.9			P	
7439-89-6	Iron	17400			P	
7439-92-1	Lead	228.0			FM	
7439-95-4	Magnesium	9050			P	
7439-96-5	Manganese	328		N	P	J
7439-97-6	Mercury	0.88	B		AV	
7440-02-2	Nickel	21.8			P	
7440-09-7	Potassium	1260			P	
7782-49-2	Selenium	0.24	B	W,N	FM	J
7440-22-4	Silver	1.1	U		P	
7440-23-5	Sodium	417	~~R~~ U		P	
7440-28-0	Thallium	0.15	B	W	FM	J
7440-62-2	Vanadium	24.8			P	
7440-66-6	Zinc	2110			P	
	Cyanide	0.95	U		AS	
					AS	

Color Before: Brown Clarity Before: Opaque Texture: Fine
Color After: Colorless Clarity After: Clear Artifacts:
Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X105

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227867

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B1211LC07

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: not dec. 22 Date Analyzed: 12/11/92

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q	
74-87-3	Chloromethane	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	13 ~~1~~	~~B~~U	an
67-64-1	Acetone	100	~~B~~U	an
75-15-0	Carbon Disulfide	13	U	
75-35-4	1,1-Dichloroethene	13	U	
75-34-3	1,1-Dichloroethane	13	U	
540-59-0	1,2-Dichloroethene (total)	13	U	
67-66-3	Chloroform	13	U	
107-06-2	1,2-Dichloroethane	13	U	
78-93-3	2-Butanone	13 ~~12~~	~~B~~U	an
71-55-6	1,1,1-Trichloroethane	13	U	
56-23-5	Carbon Tetrachloride	13	U	
75-27-4	Bromodichloromethane	13	U	
78-87-5	1,2-Dichloropropane	13	U	
10061-01-5	cis-1,3-Dichloropropene	13	U	
79-01-6	Trichloroethene	13	U	
124-48-1	Dibromochloromethane	13	U	
79-00-5	1,1,2-Trichloroethane	13	U	
71-43-2	Benzene	13	U	
10061-02-6	trans-1,3-Dichloropropene	13	U	
75-25-2	Bromoform	13	U	
108-10-1	4-Methyl-2-Pentanone	13	U	
591-78-6	2-Hexanone	13	U	
127-18-4	Tetrachloroethene	13	U	
79-34-5	1,1,2,2-Tetrachloroethane	13	U	
108-88-3	Toluene	13	U	
108-90-7	Chlorobenzene	13	U	
100-41-4	Ethylbenzene	13	U	
100-42-5	Styrene	13	U	
1330-20-7	Xylene (total)	13	U	

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X105

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227867

Sample wt/vol: 30.7 (g/mL) G Lab File ID: C0114W07

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: 22 decanted: (Y/N) N Date Extracted: 12/18/92

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/14/93

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	410	U
111-44-4	bis(2-Chloroethyl)Ether	410	U
95-57-8	2-Chlorophenol	410	U
541-73-1	1,3-Dichlorobenzene	410	U
106-46-7	1,4-Dichlorobenzene	410	U
95-50-1	1,2-Dichlorobenzene	410	U
95-48-7	2-Methylphenol	410	U
108-60-1	2,2'-oxybis(1-Chloropropane)	410	U
106-44-5	4-Methylphenol	410	U
621-64-7	N-Nitroso-Di-n-Propylamine	410	U
67-72-1	Hexachloroethane	410	U
98-95-3	Nitrobenzene	410	U
78-59-1	Isophorone	410	U
88-75-5	2-Nitrophenol	410	U
105-67-9	2,4-Dimethylphenol	410	U
111-91-1	bis(2-Chloroethoxy)Methane	410	U
120-83-2	2,4-Dichlorophenol	410	U
120-82-1	1,2,4-Trichlorobenzene	410	U
91-20-3	Naphthalene	410	U
106-47-8	4-Chloroaniline	410	U J
87-68-3	Hexachlorobutadiene	410	U
59-50-7	4-Chloro-3-Methylphenol	410	U
91-57-6	2-Methylnaphthalene	410	U
77-47-4	Hexachlorocyclopentadiene	410	U
88-06-2	2,4,6-Trichlorophenol	410	U
95-95-4	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	410	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	410	U
208-96-8	Acenaphthylene	410	U
606-20-2	2,6-Dinitrotoluene	410	U
99-09-2	3-Nitroaniline	1000	~~U~~ R
83-32-9	Acenaphthene	410	U

000048

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X105

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227867

Sample wt/vol: 30.7 (g/mL) G Lab File ID: C0114W07

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: 22 decanted: (Y/N) N Date Extracted: 12/18/92

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/14/93

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q	
51-28-5	2,4-Dinitrophenol	1000	U	
100-02-7	4-Nitrophenol	1000	U	
132-64-9	Dibenzofuran	410	U	
121-14-2	2,4-Dinitrotoluene	410	U	
84-66-2	Diethylphthalate	410	U	
7005-72-3	4-Chlorophenyl-phenylether	410	U	
86-73-7	Fluorene	410	U	
100-10-6	4-Nitroaniline	1000	~~U~~ R	am
534-52-1	4,6-Dinitro-2-methylphenol	1000	U	
86-30-6	N-Nitrosodiphenylamine (1)	410	U	
101-55-3	4-Bromophenyl-phenylether	410	U	
118-74-1	Hexachlorobenzene	410	U	
87-86-5	Pentachlorophenol	1000	U	
85-01-8	Phenanthrene	410	U	
120-12-7	Anthracene	410	U	
86-74-8	Carbazole	410	U	
84-74-2	Di-n-Butylphthalate	410 ~~380~~	~~BJ~~ U	am
206-44-0	Fluoranthene	110	J	
129-00-0	Pyrene	110	J	
85-68-7	Butylbenzylphthalate	410	U	
91-94-1	3,3'-Dichlorobenzidine	410	U	
56-55-3	Benzo(a)Anthracene	410	U	
218-01-9	Chrysene	410	U	
117-81-7	bis(2-Ethylhexyl)Phthalate	410	U	
117-84-0	Di-n-Octyl Phthalate	410	U	
205-99-2	Benzo(b)Fluoranthene	410	U	
207-08-9	Benzo(k)Fluoranthene	410	U	
50-32-8	Benzo(a)Pyrene	410	U	
193-39-5	Indeno(1,2,3-cd)Pyrene	410	U	
53-70-3	Dibenz(a,h)Anthracene	410	U	
191-24-2	Benzo(g,h,i)Perylene	410	U	

(1) - Cannot be separated from Diphenylamine

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X105

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227867

Sample wt/vol: 30.2 (g/mL) G Lab File ID: _____

% Moisture: 22 decanted: (Y/N) N Date Received: 12/10/92

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/17/92

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 01/~~14~~ 20/93 3/13/93

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

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

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

CAS NO.	COMPOUND		Q
	alpha-BHC	2.2	U
319-85-7	beta-BHC	2.2	U
319-86-8	delta-BHC	2.2	U
	gamma-BHC (Lindane)	2.2	UJ
	Heptachlor	2.2	U
	Aldrin	2.2	U
1024-57-3	Heptachlor epoxide	2.2	U
	Endosulfan I	2.2	U
	Dieldrin	2.8	JP
72-55-9	4,4'-DDE	12	J
	Endrin	4.2	U
33213-65-9	Endosulfan II	7.6	P
	4,4'-DDD	4.2	U
1031-07-8	Endosulfan sulfate	4.2	U
	4,4'-DDT	12	PJ
	Methoxychlor	22	U
53494-70-5	Endrin ketone	4.2	UJ
	Endrin aldehyde	13	P
5103-71-9	alpha-Chlordane	2.2	U
5103-74-2	gamma-Chlordane	0.44	JP
8001-35-2	Toxaphene	220	U
12674-11-2	Aroclor-1016	42	U
11104-28-2	Aroclor-1221	85	U
11141-16-5	Aroclor-1232	42	U
53469-21-9	Aroclor-1242	42	U
12672-29-6	Aroclor-1248	42	U
11097-69-1	Aroclor-1254	130	P
11096-82-5	Aroclor-1260	130	P

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X105

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227867

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B1211LC07

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: not dec. 22 Date Analyzed: 12/11/92

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X105

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227867

Sample wt/vol: 30.7 (g/mL) G Lab File ID: C0114W07

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: 22 decanted: (Y/N) N Date Extracted: 12/18/92

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/14/93

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

Number TICs found: 24

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q	
1.	UNKNOWN	7.22	610	~~J~~ J	am
2.	UNKNOWN KETONE	7.67	99000	~~BJ~~ U	am
3.	UNKNOWN	7.78	1600	J	
4.	UNKNOWN ALIP. HYDROCARBON	7.92	1100	~~BJ~~ U	am
5.	UNKNOWN ALIP. HYDROCARBON	8.08	880	~~BJ~~ U	am
6. 79-34-5	ETHANE, 1,1,2,2-TETRACHLORO-	8.97	220	~~JNB~~ U	am
7.	UNKNOWN	9.05	3200	~~BJ~~ U	am
8.	UNKNOWN KETONE	9.37	810	~~BJ~~ U	am
9.	UNKNOWN KETONE	9.67	1100	~~BJ~~ U	am
10.	UNKNOWN KETONE	10.39	1200	J	
11.	UNKNOWN KETONE	10.87	710	J	
12.	UNKNOWN	11.74	7400	J	
13.	UNKNOWN KETONE	13.77	750	J	
14.	UNKNOWN ALIP. HYDROCARBON	21.12	170	J	
15.	UNKNOWN	23.84	150	J	
16.	UNKNOWN ALIP. ACID	23.92	700	J	
17.	UNKNOWN	24.39	290	J	
18.	UNKNOWN ALIP. ACID ESTER	28.14	300	~~BJ~~ U	am
19.	UNKNOWN ALIP. HYDROCARBON	28.96	200	J	
20.	UNKNOWN	29.11	320	J	
21.	UNKNOWN ALIP. HYDROCARBON	30.64	460	J	
22.	UNKNOWN ALIP. HYDROCARBON	32.76	1700	J	
23.	UNK. CHLORINATED BIPHENYL	33.62	510	J	
24.	UNKNOWN ALIP. HYDROCARBON	35.72	2000	J	

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

X105

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: YVONNE SAUGET TRUST
Lab Code: Case No.: SAS No.: SDG No.: 84
Matrix (Soil): Lab Sample ID: B218690
Level (Low/Med): Date Received: 12/10/92
% Solids: 76.0

Concentration Units (mg/kg dry weight):

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	19500			P	
7440-36-0	Antimony	10.3	U	N	P	R
7440-38-2	Arsenic	10.4		S,N	FM	J
7440-39-3	Barium	247			P	
7440-41-7	Beryllium	1.3			P	
7440-43-9	Cadmium	0.92			P	
7440-70-2	Calcium	13000			P	
7440-47-3	Chromium	23.0			P	
7440-48-4	Cobalt	11.2			P	
7440-50-8	Copper	28.8			P	
7439-89-6	Iron	24500			P	
7439-92-1	Lead	28.4			FM	
7439-95-4	Magnesium	6840			P	
7439-96-5	Manganese	676		N	P	J
7439-97-6	Mercury	0.04	B		AV	
7440-02-2	Nickel	30.0			P	
7440-09-7	Potassium	3550			P	
7782-49-2	Selenium	0.15	B	W,N	FM	J
7440-22-4	Silver	0.88	U		P	
7440-23-5	Sodium	347	~~B~~ U		P	
7440-28-0	Thallium	0.27	B		FM	
7440-62-2	Vanadium	34.7			P	
7440-66-6	Zinc	118			P	
	Cyanide	1.1	U		AS	
					AS	

Color Before: Brown Clarity Before: Opaque Texture: Fine
Color After: Colorless Clarity After: Clear Artifacts:
Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X106

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227861

Sample wt/vol: 5.0 (g/mL) G Lab File ID: A1211BK07

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: not dec. 28 Date Analyzed: 12/11/92

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	14	UJ
74-83-9	Bromomethane	14	U
75-01-4	Vinyl Chloride	14	UJ
75-00-3	Chloroethane	14	UJ
75-09-2	Methylene Chloride	14 ~~B~~	~~BJ~~ U am
67-64-1	Acetone	19	J
75-15-0	Carbon Disulfide	14	U
75-35-4	1,1-Dichloroethene	14	U
75-34-3	1,1-Dichloroethane	14	U
540-59-0	1,2-Dichloroethene (total)	14	U
67-66-3	Chloroform	14	U
107-06-2	1,2-Dichloroethane	14	U
78-93-3	2-Butanone	14	U
71-55-6	1,1,1-Trichloroethane	14	U
56-23-5	Carbon Tetrachloride	14	U
75-27-4	Bromodichloromethane	14	U
78-87-5	1,2-Dichloropropane	14	U
10061-01-5	cis-1,3-Dichloropropene	14	U
79-01-6	Trichloroethene	14	U
124-48-1	Dibromochloromethane	14	U
79-00-5	1,1,2-Trichloroethane	14	U
71-43-2	Benzene	14	U
10061-02-6	trans-1,3-Dichloropropene	14	U
75-25-2	Bromoform	14	U
108-10-1	4-Methyl-2-Pentanone	14	UJ
591-78-6	2-Hexanone	14	UJ
127-18-4	Tetrachloroethene	14	U
79-34-5	1,1,2,2-Tetrachloroethane	14	U
108-88-3	Toluene	14	U
108-90-7	Chlorobenzene	14	U
100-41-4	Ethylbenzene	14	U
100-42-5	Styrene	14	U
1330-20-7	Xylene (total)	14	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X106

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227861

Sample wt/vol: 30.1 (g/mL) G Lab File ID: C0120W04

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: 28 decanted: (Y/N) N Date Extracted: 12/18/92

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/20/93

Injection Volume: 2.0(uL) Dilution Factor: 4.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	1800	U
111-44-4	bis(2-Chloroethyl)Ether	1800	U
95-57-8	2-Chlorophenol	1800	U
541-73-1	1,3-Dichlorobenzene	1800	U
106-46-7	1,4-Dichlorobenzene	1800	U
95-50-1	1,2-Dichlorobenzene	1800	U
95-48-7	2-Methylphenol	1800	UJ
108-60-1	2,2'-oxybis(1-Chloropropane)	1800	U
106-44-5	4-Methylphenol	1800	U
621-64-7	N-Nitroso-Di-n-Propylamine	1800	U
67-72-1	Hexachloroethane	1800	U
98-95-3	Nitrobenzene	1800	U
78-59-1	Isophorone	1800	U
88-75-5	2-Nitrophenol	1800	U
105-67-9	2,4-Dimethylphenol	1800	U
111-91-1	bis(2-Chloroethoxy)Methane	1800	U
120-83-2	2,4-Dichlorophenol	1800	U
120-82-1	1,2,4-Trichlorobenzene	1800	U
91-20-3	Naphthalene	1800	U
106-47-8	4-Chloroaniline	1800	UJ
87-68-3	Hexachlorobutadiene	1800	U
59-50-7	4-Chloro-3-Methylphenol	1800	U
91-57-6	2-Methylnaphthalene	1800	U
77-47-4	Hexachlorocyclopentadiene	1800	U
88-06-2	2,4,6-Trichlorophenol	1800	U
95-95-4	2,4,5-Trichlorophenol	4400	U
91-58-7	2-Chloronaphthalene	1800	U
88-74-4	2-Nitroaniline	4400	U
131-11-3	Dimethylphthalate	1800	U
208-96-8	Acenaphthylene	1800	U
606-20-2	2,6-Dinitrotoluene	1800	U
99-09-2	3-Nitroaniline	4400	UR
83-32-9	Acenaphthene	1800	U

an

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X106

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227861

Sample wt/vol: 30.1 (g/mL) G Lab File ID: C0120W04

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: 28 decanted: (Y/N) N Date Extracted: 12/18/92

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/20/93

Injection Volume: 2.0(uL) Dilution Factor: 4.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	4400	U
100-02-7	4-Nitrophenol	4400	UJ
132-64-9	Dibenzofuran	1800	U
121-14-2	2,4-Dinitrotoluene	1800	U
84-66-2	Diethylphthalate	1800	U
7005-72-3	4-Chlorophenyl-phenylether	1800	U
86-73-7	Fluorene	1800	U
100-10-6	4-Nitroaniline	4400	UR
534-52-1	4,6-Dinitro-2-methylphenol	4400	U
86-30-6	N-Nitrosodiphenylamine (1)	1800	U
101-55-3	4-Bromophenyl-phenylether	1800	U
118-74-1	Hexachlorobenzene	1800	U
87-86-5	Pentachlorophenol	4400	U
85-01-8	Phenanthrene	470	J
120-12-7	Anthracene	1800	U
86-74-8	Carbazole	1800	U
84-74-2	Di-n-Butylphthalate	1800	U
206-44-0	Fluoranthene	1800	U
129-00-0	Pyrene	970	J
85-68-7	Butylbenzylphthalate	1800	U
91-94-1	3,3'-Dichlorobenzidine	1800	U
56-55-3	Benzo(a)Anthracene	1800	U
218-01-9	Chrysene	470	J
117-81-7	bis(2-Ethylhexyl)Phthalate	1800	U
117-84-0	Di-n-Octyl Phthalate	1800	U
205-99-2	Benzo(b)Fluoranthene	1800	U
207-08-9	Benzo(k)Fluoranthene	1800	U
50-32-8	Benzo(a)Pyrene	1800	U
193-39-5	Indeno(1,2,3-cd)Pyrene	1800	U
53-70-3	Dibenz(a,h)Anthracene	1800	U
191-24-2	Benzo(g,h,i)Perylene	590	J

(1) - Cannot be separated from Diphenylamine

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X106DL

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227861

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

% Moisture: 28 decanted: (Y/N) N Date Received: 12/10/92

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/17/92

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 01/~~14~~ 20/93 3/13/93

Injection Volume: 2.00 (uL) Dilution Factor: 10.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
	alpha-BHC	24	U
319-85-7	beta-BHC	24	U
319-86-8	delta-BHC	24	U
	gamma-BHC (Lindane)	24	UJ
	Heptachlor	24	U
	Aldrin	24	U
1024-57-3	Heptachlor epoxide	24	U
	Endosulfan I	24	U
	Dieldrin	46	U
72-55-9	4,4'-DDE	46	U
	Endrin	17	JD
33213-65-9	Endosulfan II	46	U
	4,4'-DDD	46	U
1031-07-8	Endosulfan sulfate	46	U
	4,4'-DDT	39	JD
	Methoxychlor	240	U
53494-70-5	Endrin ketone	46	UJ
	Endrin aldehyde	46	U
5103-71-9	alpha-Chlordane	29	D
5103-74-2	gamma-Chlordane	22	JPD
8001-35-2	Toxaphene	2400	U
12674-11-2	Aroclor-1016	460	U
11104-28-2	Aroclor-1221	930	U
11141-16-5	Aroclor-1232	460	U
53469-21-9	Aroclor-1242	340 ~~330~~	JPD
12672-29-6	Aroclor-1248	460	U
11097-69-1	Aroclor-1254	380	JPD
11096-82-5	Aroclor-1260	440	JD

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X106

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227861

Sample wt/vol: 5.0 (g/mL) G Lab File ID: A1211BK07

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: not dec. 28 Date Analyzed: 12/11/92

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X106

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227861

Sample wt/vol: 30.1 (g/mL) G Lab File ID: C0120W04

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: 28 decanted: (Y/N) N Date Extracted: 12/18/92

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/20/93

Injection Volume: 2.0(uL) Dilution Factor: 4.0

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

Number TICs found: 29

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN KETONE	7.48	210000	~~BJ~~ U
2.	UNKNOWN ALIP. HYDROCARBON	16.92	4200	J
3.	UNKNOWN	26.17	560	J
4.	UNKNOWN	26.34	900	J
5.	UNKNOWN PNA	26.47	650	J
6.	UNKNOWN	27.12	320	J
7.	UNKNOWN ALIP. HYDROCARBON	27.27	980	J
8.	UNKNOWN PNA	27.39	880	J
9.	UNKNOWN PNA	27.64	1600	J
10.	UNKNOWN PNA	27.71	850	J
11.	UNKNOWN	27.82	410	J
12.	UNKNOWN	28.14	1600	J
13.	UNKNOWN	28.46	640	J
14.	UNKNOWN	28.74	530	J
15.	UNKNOWN	28.81	400	J
16.	UNKNOWN ALIP. HYDROCARBON	29.01	2200	J
17.	UNKNOWN	29.04	610	J
18.	UNKNOWN	29.29	540	J
19.	UNKNOWN ALIP. HYDROCARBON	29.82	1600	J
20.	UNKNOWN	30.46	1100	J
21.	UNKNOWN ALIP. HYDROCARBON	30.69	1500	J
22.	UNKNOWN ALIP. HYDROCARBON	31.67	1400	J
23.	UNKNOWN	32.16	320	J
24.	UNKNOWN ALIP. HYDROCARBON	32.82	3100	J
25.	UNKNOWN	33.14	680	J
26.	UNKNOWN PNA	33.54	940	J
27.	UNKNOWN ALIP. HYDROCARBON	34.19	1200	J
28.	UNKNOWN	34.46	330	J
29.	UNKNOWN ALIP. HYDROCARBON	35.81	2600	J

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

X106

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: YVONNE SAUGET TRUST
Lab Code: Case No.: SAS No.: SDG No.: 84
Matrix (Soil): Lab Sample ID: B218691
Level (Low/Med): Date Received: 12/10/92
% Solids: 77.1

Concentration Units (mg/kg dry weight):

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	9130			P	
7440-36-0	Antimony	12.9	U	N	P	R
7440-38-2	Arsenic	6.1		S,N	FM	J
7440-39-3	Barium	156			P	
7440-41-7	Beryllium	0.62	B		P	
7440-43-9	Cadmium	1.3			P	
7440-70-2	Calcium	35900			P	
7440-47-3	Chromium	13.6			P	
7440-48-4	Cobalt	5.6	B		P	
7440-50-8	Copper	23.6			P	
7439-89-6	Iron	13800			P	
7439-92-1	Lead	58.0		S	FM	
7439-95-4	Magnesium	3870			P	
7439-96-5	Manganese	142		N	P	J
7439-97-6	Mercury	0.07	B		AV	
7440-02-2	Nickel	15.8			P	
7440-09-7	Potassium	2160			P	
7782-49-2	Selenium	0.71	B	N	FM	J
7440-22-4	Silver	1.1	U		P	
7440-23-5	Sodium	388	~~B~~ U		P	
7440-28-0	Thallium	0.12	U	W	FM	J
7440-62-2	Vanadium	22.5			P	
7440-66-6	Zinc	142			P	
	Cyanide	1.1	U		AS	
					AS	

Color Before: Black Clarity Before: Opaque Texture: Fine
Color After: Colorless Clarity After: Clear Artifacts:
Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X107

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227868

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B1211LC06

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: not dec. 26 Date Analyzed: 12/11/92

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q	
74-87-3	Chloromethane	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	14 ~~B~~	~~B~~ U	am
67-64-1	Acetone	19	~~B~~ U	am
75-15-0	Carbon Disulfide	14	U	
75-35-4	1,1-Dichloroethene	14	U	
75-34-3	1,1-Dichloroethane	14	U	
540-59-0	1,2-Dichloroethene (total)	14	U	
67-66-3	Chloroform	14	U	
107-06-2	1,2-Dichloroethane	14	U	
78-93-3	2-Butanone	14 ~~B~~	~~B~~ U	am
71-55-6	1,1,1-Trichloroethane	14	U	
56-23-5	Carbon Tetrachloride	14	U	
75-27-4	Bromodichloromethane	14	U	
78-87-5	1,2-Dichloropropane	14	U	
10061-01-5	cis-1,3-Dichloropropene	14	U	
79-01-6	Trichloroethene	14	U	
124-48-1	Dibromochloromethane	14	U	
79-00-5	1,1,2-Trichloroethane	14	U	
71-43-2	Benzene	14	U	
10061-02-6	trans-1,3-Dichloropropene	14	U	
75-25-2	Bromoform	14	U	
108-10-1	4-Methyl-2-Pentanone	14	U	
591-78-6	2-Hexanone	14	U	
127-18-4	Tetrachloroethene	14	U	
79-34-5	1,1,2,2-Tetrachloroethane	14	U	
108-88-3	Toluene	14	U	
108-90-7	Chlorobenzene	14	U	
100-41-4	Ethylbenzene	14	U	
100-42-5	Styrene	14	U	
1330-20-7	Xylene (total)	14	U	

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

X107

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227868

Sample wt/vol: 30.9 (g/mL) G Lab File ID: C0113W10

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: 26 decanted: (Y/N) N Date Extracted: 12/18/92

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/13/93

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	430	U
111-44-4	bis(2-Chloroethyl)Ether	430	U
95-57-8	2-Chlorophenol	430	U
541-73-1	1,3-Dichlorobenzene	430	U
106-46-7	1,4-Dichlorobenzene	430	U
95-50-1	1,2-Dichlorobenzene	430	U
95-48-7	2-Methylphenol	430	U
108-60-1	2,2'-oxybis(1-Chloropropane)	430	U
106-44-5	4-Methylphenol	430	U
621-64-7	N-Nitroso-Di-n-Propylamine	430	U
67-72-1	Hexachloroethane	430	U
98-95-3	Nitrobenzene	430	U
78-59-1	Isophorone	430	U
88-75-5	2-Nitrophenol	430	U
105-67-9	2,4-Dimethylphenol	430	U
111-91-1	bis(2-Chloroethoxy)Methane	430	U
120-83-2	2,4-Dichlorophenol	430	U
120-82-1	1,2,4-Trichlorobenzene	430	U
91-20-3	Naphthalene	430	U
106-47-8	4-Chloroaniline	430	UJ
87-68-3	Hexachlorobutadiene	430	U
59-50-7	4-Chloro-3-Methylphenol	430	U
91-57-6	2-Methylnaphthalene	430	U
77-47-4	Hexachlorocyclopentadiene	430	U
88-06-2	2,4,6-Trichlorophenol	430	U
95-95-4	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	430	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	430	U
208-96-8	Acenaphthylene	430	U
606-20-2	2,6-Dinitrotoluene	430	U
99-09-2	3-Nitroaniline	1000	~~U~~R am
83-32-9	Acenaphthene	430	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X107

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227868

Sample wt/vol: 30.9 (g/mL) G Lab File ID: C0113W10

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: 26 decanted: (Y/N) N Date Extracted: 12/18/92

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/13/93

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1000	U
100-02-7	4-Nitrophenol	1000	U
132-64-9	Dibenzofuran	430	U
121-14-2	2,4-Dinitrotoluene	430	U
84-66-2	Diethylphthalate	430	U
7005-72-3	4-Chlorophenyl-phenylether	430	U
86-73-7	Fluorene	430	U
100-10-6	4-Nitroaniline	1000	U J
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	N-Nitrosodiphenylamine (1)	430	U
101-55-3	4-Bromophenyl-phenylether	430	U
118-74-1	Hexachlorobenzene	430	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	430	U
120-12-7	Anthracene	430	U
86-74-8	Carbazole	430	U
84-74-2	Di-n-Butylphthalate	610	~~B~~ U am
206-44-0	Fluoranthene	430	U
129-00-0	Pyrene	430	U
85-68-7	Butylbenzylphthalate	430	U
91-94-1	3,3'-Dichlorobenzidine	430	U
56-55-3	Benzo(a)Anthracene	430	U
218-01-9	Chrysene	430	U
117-81-7	bis(2-Ethylhexyl)Phthalate	430	U
117-84-0	Di-n-Octyl Phthalate	430	U
205-99-2	Benzo(b)Fluoranthene	430	U
207-08-9	Benzo(k)Fluoranthene	430	U
50-32-8	Benzo(a)Pyrene	430	U
193-39-5	Indeno(1,2,3-cd)Pyrene	430	U
53-70-3	Dibenz(a,h)Anthracene	430	U
191-24-2	Benzo(g,h,i)Perylene	430	U

(1) - Cannot be separated from Diphenylamine

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X107

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227868

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

% Moisture: 26 decanted: (Y/N) N Date Received: 12/10/92

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/17/92

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 01/~~14~~ 20/93 cm 3/13/93

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.5 Sulfur Cleanup: (Y/N) N

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

CAS NO.	COMPOUND		Q
	alpha-BHC	2.3	U
319-85-7	beta-BHC	2.3	U
319-86-8	delta-BHC	2.3	U
	gamma-BHC (Lindane)	2.3	UJ
	Heptachlor	2.3	U
	Aldrin	2.3	U
1024-57-3	Heptachlor epoxide	2.3	U
	Endosulfan I	2.3	U
	Dieldrin	1.3	JP
72-55-9	4,4'-DDE	8.2	J
	Endrin	4.4	U
33213-65-9	Endosulfan II	4.4	U
	4,4'-DDD	4.4	U
1031-07-8	Endosulfan sulfate	4.4	U
	4,4'-DDT	9.7	PJ
	Methoxychlor	23	U
53494-70-5	Endrin ketone	4.4	UJ
	Endrin aldehyde	7.7	P
5103-71-9	alpha-Chlordane	2.3	U
5103-74-2	gamma-Chlordane	0.24	JP
8001-35-2	Toxaphene	230	U
12674-11-2	Aroclor-1016	44	U
11104-28-2	Aroclor-1221	90	U
11141-16-5	Aroclor-1232	44	U
53469-21-9	Aroclor-1242	44	U
12672-29-6	Aroclor-1248	44	U
11097-69-1	Aroclor-1254	34	JP
11096-82-5	Aroclor-1260	72 ~~73~~	P

2/8/93

FORM I PEST 3/90

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X107

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227868

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B1211LC06

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: not dec. 26 Date Analyzed: 12/11/92

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X107

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227868

Sample wt/vol: 30.9 (g/mL) G Lab File ID: C0113W10

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: 26 decanted: (Y/N) N Date Extracted: 12/18/92

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/13/93

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

Number TICs found: 24

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q	
1.	UNKNOWN	6.93	9700	~~BJ~~ U	am
2.	UNKNOWN KETONE	7.65	91000	~~BAJ~~ U	am
3.	UNKNOWN	7.75	1800	~~BJ~~	am
4.	UNKNOWN ALIP. HYDROCARBON	7.88	1300	~~BJ~~ U	am
5.	UNKNOWN ALIP. HYDROCARBON	8.05	1000	~~BJ~~ U	am
6.	UNKNOWN ALIPHATIC ALCOHOL	8.44	180	J	
7.	UNKNOWN	8.89	220	J	
8. 79-34-5	ETHANE, 1,1,2,2-TETRACHLORO-	8.95	290	~~JNB~~ U	am
9.	UNKNOWN	9.02	4200	~~BJ~~ U	am
10.	UNKNOWN KETONE	9.37	460	~~BAJ~~ U	am
11.	UNKNOWN KETONE	9.65	1300	~~BAJ~~ U	am
12.	UNKNOWN KETONE	9.87	380	~~BAJ~~ U	am
13.	UNKNOWN	10.84	890	J	
14.	UNKNOWN	11.70	5900	J	
15.	UNKNOWN	13.74	730	J	
16.	UNKNOWN ALIP. ACID	19.90	400	J	
17.	UNKNOWN ALIP. ACID	23.89	880	J	
18.	UNKNOWN	24.35	240	~~BJ~~ U	am
19.	UNKNOWN ALIP. ACID ESTER	28.12	340	~~BJ~~ U	am
20.	UNKNOWN ALIP. HYDROCARBON	28.94	130	J	
21.	UNKNOWN	29.11	370	J	
22.	UNKNOWN ALIP. HYDROCARBON	30.61	320	J	
23.	UNKNOWN ALIP. HYDROCARBON	32.72	1100	J	
24.	UNKNOWN ALIP. HYDROCARBON	35.69	1000	J	

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

X107

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: YVONNE SAUGET TRUST
Lab Code: Case No.: SAS No.: SDG No.: 84
Matrix (Soil): Lab Sample ID: B218692
Level (Low/Med): Date Received: 12/10/92
% Solids: 74.3

Concentration Units (mg/kg dry weight):

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	21700			P	
7440-36-0	Antimony	10.8	U	N	P	JR
7440-38-2	Arsenic	9.2		S,N	FM	J
7440-39-3	Barium	267			P	
7440-41-7	Beryllium	1.3			P	
7440-43-9	Cadmium	1.5			P	
7440-70-2	Calcium	17400			P	
7440-47-3	Chromium	26.6			P	
7440-48-4	Cobalt	10.7			P	
7440-50-8	Copper	43.8			P	
7439-89-6	Iron	26200			P	
7439-92-1	Lead	85.6			FM	
7439-95-4	Magnesium	7120			P	
7439-96-5	Manganese	725		N	P	J
7439-97-6	Mercury	0.07	B		AV	
7440-02-2	Nickel	30.7			P	
7440-09-7	Potassium	4000			P	
7782-49-2	Selenium	0.18	B	W,N	FM	J
7440-22-4	Silver	0.93	U		P	
7440-23-5	Sodium	366	~~B~~ U		P	
7440-28-0	Thallium	0.25	B		FM	
7440-62-2	Vanadium	41.1			P	
7440-66-6	Zinc	300			P	
	Cyanide	1.1	U		AS	
					AS	

Color Before: Brown Clarity Before: Opaque Texture: Fine
Color After: Colorless Clarity After: Clear Artifacts:
Comments:

FORM I - IN
SOIL

3/90

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X108

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: 0227862

Sample wt/vol: 5.0 (g/mL) G Lab File ID: A1211BK08

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: not dec. 26 Date Analyzed: 12/11/92

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

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

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X108

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227862

Sample wt/vol: 30.2 (g/mL) G Lab File ID: C0114W03

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: 26 decanted: (Y/N) N Date Extracted: 12/18/92

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/14/93

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	440	U
111-44-4	bis(2-Chloroethyl)Ether	440	U
95-57-8	2-Chlorophenol	440	U
541-73-1	1,3-Dichlorobenzene	440	U
106-46-7	1,4-Dichlorobenzene	440	U
95-50-1	1,2-Dichlorobenzene	440	U
95-48-7	2-Methylphenol	440	U
108-60-1	2,2'-oxybis(1-Chloropropane)	440	U
106-44-5	4-Methylphenol	440	U
621-64-7	N-Nitroso-Di-n-Propylamine	440	U
67-72-1	Hexachloroethane	440	U
98-95-3	Nitrobenzene	440	U
78-59-1	Isophorone	440	U
88-75-5	2-Nitrophenol	440	U
105-67-9	2,4-Dimethylphenol	440	U
111-91-1	bis(2-Chloroethoxy)Methane	440	U
120-83-2	2,4-Dichlorophenol	440	U
120-82-1	1,2,4-Trichlorobenzene	440	U
91-20-3	Naphthalene	440	U
106-47-8	4-Chloroaniline	440	UJ
87-68-3	Hexachlorobutadiene	440	U
59-50-7	4-Chloro-3-Methylphenol	440	U
91-57-6	2-Methylnaphthalene	440	U
77-47-4	Hexachlorocyclopentadiene	440	U
88-06-2	2,4,6-Trichlorophenol	440	U
95-95-4	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	440	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	440	U
208-96-8	Acenaphthylene	440	U
606-20-2	2,6-Dinitrotoluene	440	U
99-09-2	3-Nitroaniline	1100	~~U~~R
83-32-9	Acenaphthene	440	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X108

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227862

Sample wt/vol: 30.2 (g/mL) G Lab File ID: C0114W03

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: 26 decanted: (Y/N) N Date Extracted: 12/18/92

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/14/93

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	440	U
111-44-4	bis(2-Chloroethyl)Ether	440	U
95-57-8	2-Chlorophenol	440	U
541-73-1	1,3-Dichlorobenzene	440	U
106-46-7	1,4-Dichlorobenzene	440	U
95-50-1	1,2-Dichlorobenzene	440	U
95-48-7	2-Methylphenol	440	U
108-60-1	2,2'-oxybis(1-Chloropropane)	440	U
106-44-5	4-Methylphenol	440	U
621-64-7	N-Nitroso-Di-n-Propylamine	440	U
67-72-1	Hexachloroethane	440	U
98-95-3	Nitrobenzene	440	U
78-59-1	Isophorone	440	U
88-75-5	2-Nitrophenol	440	U
105-67-9	2,4-Dimethylphenol	440	U
111-91-1	bis(2-Chloroethoxy)Methane	440	U
120-83-2	2,4-Dichlorophenol	440	U
120-82-1	1,2,4-Trichlorobenzene	440	U
91-20-3	Naphthalene	440	U
106-47-8	4-Chloroaniline	440	UJ
87-68-3	Hexachlorobutadiene	440	U
59-50-7	4-Chloro-3-Methylphenol	440	U
91-57-6	2-Methylnaphthalene	440	U
77-47-4	Hexachlorocyclopentadiene	440	U
88-06-2	2,4,6-Trichlorophenol	440	U
95-95-4	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	440	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	440	U
208-96-8	Acenaphthylene	440	U
606-20-2	2,6-Dinitrotoluene	440	U
99-09-2	3-Nitroaniline	1100	~~U~~R
83-32-9	Acenaphthene	440	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X108

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227862

Sample wt/vol: 30.2 (g/mL) G Lab File ID: C0114W03

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: 26 decanted: (Y/N) N Date Extracted: 12/18/92

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/14/93

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q	
51-28-5	2,4-Dinitrophenol	1100	U	
100-02-7	4-Nitrophenol	1100	U	
132-64-9	Dibenzofuran	440	U	
121-14-2	2,4-Dinitrotoluene	440	U	
84-66-2	Diethylphthalate	440	U	
7005-72-3	4-Chlorophenyl-phenylether	440	U	
86-73-7	Fluorene	440	U	
100-10-6	4-Nitroaniline	1100	~~U~~ R	am
534-52-1	4,6-Dinitro-2-methylphenol	1100	U	
86-30-6	N-Nitrosodiphenylamine (1)	440	U	
101-55-3	4-Bromophenyl-phenylether	440	U	
118-74-1	Hexachlorobenzene	440	U	
87-86-5	Pentachlorophenol	1100	U	
85-01-8	Phenanthrene	100	J	
120-12-7	Anthracene	440	U	
86-74-8	Carbazole	440	U	
84-74-2	Di-n-Butylphthalate	440 ~~350~~	~~BJ~~ U	am
206-44-0	Fluoranthene	140	J	
129-00-0	Pyrene	130	J	
85-68-7	Butylbenzylphthalate	440	U	
91-94-1	3,3'-Dichlorobenzidine	440	U	
56-55-3	Benzo(a)Anthracene	440	U	
218-01-9	Chrysene	100	J	
117-81-7	bis(2-Ethylhexyl)Phthalate	440	U	
117-84-0	Di-n-Octyl Phthalate	440	U	
205-99-2	Benzo(b)Fluoranthene	440	U	
207-08-9	Benzo(k)Fluoranthene	200	J	
50-32-8	Benzo(a)Pyrene	440	U	
193-39-5	Indeno(1,2,3-cd)Pyrene	440	U	
53-70-3	Dibenz(a,h)Anthracene	440	U	
191-24-2	Benzo(g,h,i)Perylene	440	U	

(1) - Cannot be separated from Diphenylamine

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X108

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227862

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

% Moisture: 26 decanted: (Y/N) N Date Received: 12/10/92

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/17/92

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 01/~~14~~ 20/93 3/13/93

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.5 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
----------	alpha-BHC	2.3	U
319-85-7--------	beta-BHC	2.3	U
319-86-8--------	delta-BHC	2.3	U
----------	gamma-BHC (Lindane)	2.3	UJ
----------	Heptachlor	2.3	U
----------	Aldrin	2.3	U
1024-57-3-------	Heptachlor epoxide	2.3	U
----------	Endosulfan I	2.3	U
----------	Dieldrin	3.8	JP
72-55-9---------	4,4'-DDE	4.4	U
----------	Endrin	4.4	U
33213-65-9------	Endosulfan II	2.2	JP
----------	4,4'-DDD	4.4	U
1031-07-8-------	Endosulfan sulfate	4.4	U
----------	4,4'-DDT	7.0	PJ
----------	Methoxychlor	23	U
53494-70-5------	Endrin ketone	4.4	UJ
----------	Endrin aldehyde	4.4	U
5103-71-9-------	alpha-Chlordane	2.3	U
5103-74-2-------	gamma-Chlordane	2.3	U
8001-35-2-------	Toxaphene	230	U
12674-11-2------	Aroclor-1016	44	U
11104-28-2------	Aroclor-1221	90	U
11141-16-5------	Aroclor-1232	44	U
53469-21-9------	Aroclor-1242	420 ~~410~~	
12672-29-6------	Aroclor-1248	44	U
11097-69-1------	Aroclor-1254	260	P
11096-82-5------	Aroclor-1260	110	P

2/9/93

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X108

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227862

Sample wt/vol: 5.0 (g/mL) G Lab File ID: A1211BK08

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: not dec. 26 Date Analyzed: 12/11/92

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X108

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227862

Sample wt/vol: 30.2 (g/mL) G Lab File ID: C0114W03

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: 26 decanted: (Y/N) N Date Extracted: 12/18/92

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/14/93

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

Number TICs found: 18

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q	
1.	UNKNOWN KETONE	7.67	150000	~~BAJ~~ U	am
2.	UNKNOWN	7.78	1900	~~B~~J	am
3.	UNKNOWN ALIP. HYDROCARBON	7.93	1300	~~BJ~~ U	am
4.	UNKNOWN ALIP. HYDROCARBON	8.10	1000	~~BJ~~ U	am
5. 79-34-5	ETHANE, 1,1,2,2-TETRACHLORO-	8.99	240	~~BJ~~ U	am
6.	UNKNOWN	9.07	3400	~~BJ~~ U	am
7.	UNKNOWN	9.52	950	J	
8.	UNKNOWN KETONE	9.70	1100	~~BAJ~~ U	am
9.	UNKNOWN	11.75	7100	J	
10.	UNKNOWN	13.79	680	J	
11.	UNKNOWN ALIP. ACID	19.95	380	J	
12.	UNKNOWN ALIP. ACID	23.94	860	J	
13.	UNKNOWN	24.40	160	~~BJ~~ U	am
14.	UNKNOWN PNA	25.00	260	J	
15.	UNKNOWN PNA	25.81	160	J	
16.	UNKNOWN ALIP. ACID ESTER	28.16	330	~~BJ~~ U	am
17.	UNKNOWN ALIP. HYDROCARBON	30.66	260	J	
18.	UNKNOWN ALIP. HYDROCARBON	32.77	600	J	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X109

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227869

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B1211LC04

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: not dec. 18 Date Analyzed: 12/11/92

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q	
74-87-3	Chloromethane	12	U	
74-83-9	Bromomethane	12	U	
75-01-4	Vinyl Chloride	12	U	
75-00-3	Chloroethane	12	U	
75-09-2	Methylene Chloride	12 ~~4~~	~~BJ~~ U	am
67-64-1	Acetone	13	~~B~~ U	am
75-15-0	Carbon Disulfide	12	U	
75-35-4	1,1-Dichloroethene	12	U	
75-34-3	1,1-Dichloroethane	12	U	
540-59-0	1,2-Dichloroethene (total)	12	U	
67-66-3	Chloroform	12 ~~3~~	~~BJ~~ U	am
107-06-2	1,2-Dichloroethane	12	U	
78-93-3	2-Butanone	12	U	
71-55-6	1,1,1-Trichloroethane	12	U	
56-23-5	Carbon Tetrachloride	12	U	
75-27-4	Bromodichloromethane	12	U	
78-87-5	1,2-Dichloropropane	12	U	
10061-01-5	cis-1,3-Dichloropropene	12	U	
79-01-6	Trichloroethene	12	U	
124-48-1	Dibromochloromethane	12	U	
79-00-5	1,1,2-Trichloroethane	12	U	
71-43-2	Benzene	12	U	
10061-02-6	trans-1,3-Dichloropropene	12	U	
75-25-2	Bromoform	12	U	
108-10-1	4-Methyl-2-Pentanone	12	U	
591-78-6	2-Hexanone	12	U	
127-18-4	Tetrachloroethene	12	U	
79-34-5	1,1,2,2-Tetrachloroethane	12	U	
108-88-3	Toluene	12	U	
108-90-7	Chlorobenzene	12	U	
100-41-4	Ethylbenzene	12	U	
100-42-5	Styrene	12	U	
1330-20-7	Xylene (total)	12	U	

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X109

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227869

Sample wt/vol: 30.6 (g/mL) G Lab File ID: C0114W06

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: 9 decanted: (Y/N) Y Date Extracted: 12/18/92

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/14/93

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.3

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	360	U
111-44-4	bis(2-Chloroethyl)Ether	360	U
95-57-8	2-Chlorophenol	360	U
541-73-1	1,3-Dichlorobenzene	360	U
106-46-7	1,4-Dichlorobenzene	360	U
95-50-1	1,2-Dichlorobenzene	360	U
95-48-7	2-Methylphenol	360	U
108-60-1	2,2'-oxybis(1-Chloropropane)	360	U
106-44-5	4-Methylphenol	360	U
621-64-7	N-Nitroso-Di-n-Propylamine	360	U
67-72-1	Hexachloroethane	360	U
98-95-3	Nitrobenzene	360	U
78-59-1	Isophorone	360	U
88-75-5	2-Nitrophenol	360	U
105-67-9	2,4-Dimethylphenol	360	U
111-91-1	bis(2-Chloroethoxy)Methane	360	U
120-83-2	2,4-Dichlorophenol	360	U
120-82-1	1,2,4-Trichlorobenzene	360	U
91-20-3	Naphthalene	360	U
106-47-8	4-Chloroaniline	360	UJ
87-68-3	Hexachlorobutadiene	360	U
59-50-7	4-Chloro-3-Methylphenol	360	U
91-57-6	2-Methylnaphthalene	360	U
77-47-4	Hexachlorocyclopentadiene	360	U
88-06-2	2,4,6-Trichlorophenol	360	U
95-95-4	2,4,5-Trichlorophenol	860	U
91-58-7	2-Chloronaphthalene	360	U
88-74-4	2-Nitroaniline	860	U
131-11-3	Dimethylphthalate	360	U
208-96-8	Acenaphthylene	360	U
606-20-2	2,6-Dinitrotoluene	360	U
99-09-2	3-Nitroaniline	860	~~U~~ R an
83-32-9	Acenaphthene	360	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X109

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227869

Sample wt/vol: 30.6 (g/mL) G Lab File ID: C0114W06

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: 9 decanted: (Y/N) Y Date Extracted: 12/18/92

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/14/93

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.3

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q	
51-28-5	2,4-Dinitrophenol	860	U	
100-02-7	4-Nitrophenol	860	U	
132-64-9	Dibenzofuran	360	U	
121-14-2	2,4-Dinitrotoluene	360	U	
84-66-2	Diethylphthalate	360	U	
7005-72-3	4-Chlorophenyl-phenylether	360	U	
86-73-7	Fluorene	360	U	
100-10-6	4-Nitroaniline	860	~~U~~ R	am
534-52-1	4,6-Dinitro-2-methylphenol	860	U	
86-30-6	N-Nitrosodiphenylamine (1)	360	U	
101-55-3	4-Bromophenyl-phenylether	360	U	
118-74-1	Hexachlorobenzene	360	U	
87-86-5	Pentachlorophenol	860	U	
85-01-8	Phenanthrene	80	J	
120-12-7	Anthracene	360	U	
86-74-8	Carbazole	360	U	
84-74-2	Di-n-Butylphthalate	490	~~B~~ U	am
206-44-0	Fluoranthene	160	J	
129-00-0	Pyrene	140	J	
85-68-7	Butylbenzylphthalate	360	U	
91-94-1	3,3'-Dichlorobenzidine	360	U	
56-55-3	Benzo(a)Anthracene	76	J	
218-01-9	Chrysene	100	J	
117-81-7	bis(2-Ethylhexyl)Phthalate	96	J	
117-84-0	Di-n-Octyl Phthalate	360	U	
205-99-2	Benzo(b)Fluoranthene	200	J	
207-08-9	Benzo(k)Fluoranthene	360	U	
50-32-8	Benzo(a)Pyrene	360	U	
193-39-5	Indeno(1,2,3-cd)Pyrene	360	U	
53-70-3	Dibenz(a,h)Anthracene	360	U	
191-24-2	Benzo(g,h,i)Perylene	360	U	

(1) - Cannot be separated from Diphenylamine

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X109

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227869

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

% Moisture: 18 decanted: (Y/N) N Date Received: 12/10/92

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/17/92

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 01/~~14~~ 20/93 3/13/93

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.3 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
----------	alpha-BHC	2.0	U
319-85-7--------	beta-BHC	2.0	U
319-86-8--------	delta-BHC	2.0	U
----------	gamma-BHC (Lindane)	2.0	UJ
----------	Heptachlor	2.0	U
----------	Aldrin	2.0	U
1024-57-3-------	Heptachlor epoxide	2.0	U
----------	Endosulfan I	2.0	U
----------	Dieldrin	4.0	U
72-55-9---------	4,4'-DDE	28	J
----------	Endrin	4.0	U
33213-65-9------	Endosulfan II	8.1	P
----------	4,4'-DDD	4.0	U
1031-07-8-------	Endosulfan sulfate	4.0	U
----------	4,4'-DDT	37	PJ
----------	Methoxychlor	20	U
53494-70-5------	Endrin ketone	5.6	PJ
----------	Endrin aldehyde	4.0	U
5103-71-9-------	alpha-Chlordane	2.0	U
5103-74-2-------	gamma-Chlordane	0.28	JP
8001-35-2-------	Toxaphene	200	U
12674-11-2------	Aroclor-1016	40	U
11104-28-2------	Aroclor-1221	81	U
11141-16-5------	Aroclor-1232	40	U
53469-21-9------	Aroclor-1242	50	P
12672-29-6------	Aroclor-1248	40	U
11097-69-1------	Aroclor-1254	230	P
11096-82-5------	Aroclor-1260	160	P

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X109

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227869

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B1211LC04

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: not dec. 18 Date Analyzed: 12/11/92

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X109

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227869

Sample wt/vol: 30.6 (g/mL) G Lab File ID: C0114W06

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: 9 decanted: (Y/N) Y Date Extracted: 12/18/92

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/14/93

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.3

Number TICs found: 30

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q	
1.	UNKNOWN	7.03	8100	~~BJ~~ U	am
2.	UNKNOWN	7.22	400	J	
3.	UNKNOWN KETONE	7.72	95000	~~BAJ~~ U	am
4.	UNKNOWN	7.78	440	J	
5.	UNKNOWN ALIP. HYDROCARBON	7.92	1200	~~BJ~~ U	am
6.	UNKNOWN ALIP. HYDROCARBON	8.08	900	~~BJ~~ U	am
7. 79-34-5	ETHANE, 1,1,2,2-TETRACHLORO-	8.97	190	~~JNB~~ U	am
8.	UNKNOWN KETONE	9.07	3600	~~BAJ~~ U	am
9.	UNKNOWN KETONE	9.39	400	~~BAJ~~ U	am
10.	UNKNOWN KETONE	9.67	1100	~~BAJ~~ U	am
11.	UNKNOWN	10.39	1000	J	
12.	UNKNOWN	11.74	5700	J	
13.	UNKNOWN KETONE	13.77	450	J	
14.	UNKNOWN ALIP. HYDROCARBON	17.20	230	J	
15.	UNKNOWN ALIP. ACID	19.92	340	J	
16.	UNKNOWN ALIP. ACID	23.92	990	J	
17.	UNKNOWN	24.39	270	~~BJ~~ U	am
18.	UNKNOWN ALIP. HYDROCARBON	27.22	260	J	
19.	UNKNOWN ALIP. HYDROCARBON	28.11	480	J	
20.	UNKNOWN ALIP. ACID ESTER	28.14	430	~~BJ~~ U	am
21.	UNKNOWN ALIP. HYDROCARBON	28.96	390	J	
22.	UNKNOWN ALIP. HYDROCARBON	29.12	390	J	
23.	UNKNOWN ALIP. HYDROCARBON	29.77	360	J	
24.	UNKNOWN ALIP. HYDROCARBON	30.64	680	J	
25.	UNKNOWN ALIP. HYDROCARBON	31.61	440	J	
26.	UNKNOWN	32.11	210	J	
27.	UNKNOWN ALIP. HYDROCARBON	32.76	1500	J	
3.	UNK. CHLORINATED BIPHENYL	33.62	190	J	
29.	UNKNOWN ALIP. HYDROCARBON	34.11	470	J	
30.	UNKNOWN ALIP. HYDROCARBON	35.72	1300	J	

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X109

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227869

Sample wt/vol: 30.6 (g/mL) G Lab File ID: C0114W06

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: 9 decanted: (Y/N) Y Date Extracted: 12/18/92

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/14/93

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.3

Number TICs found: 30

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q	
1.	UNKNOWN	7.03	8100	~~BJ~~ U	
2.	UNKNOWN	7.22	400	J	
3.	UNKNOWN KETONE	7.72	95000	~~BAJ~~ U	am
4.	UNKNOWN	7.78	440	J	
5.	UNKNOWN ALIP. HYDROCARBON	7.92	1200	~~BJ~~ U	am
6.	UNKNOWN ALIP. HYDROCARBON	8.08	900	~~BJ~~ U	am
7. 79-34-5	ETHANE, 1,1,2,2-TETRACHLORO-	8.97	190	~~JNB~~ U	am
8.	UNKNOWN KETONE	9.07	3600	~~BAJ~~ U	am
9.	UNKNOWN KETONE	9.39	400	~~BAJ~~ U	am
10.	UNKNOWN KETONE	9.67	1100	~~BAJ~~ U	am
11.	UNKNOWN	10.39	1000	J	
12.	UNKNOWN	11.74	5700	J	
13.	UNKNOWN KETONE	13.77	450	J	
14.	UNKNOWN ALIP. HYDROCARBON	17.20	230	J	
15.	UNKNOWN ALIP. ACID	19.92	340	J	
16.	UNKNOWN ALIP. ACID	23.92	990	J	
17.	UNKNOWN	24.39	270	~~BJ~~ U	am
18.	UNKNOWN ALIP. HYDROCARBON	27.22	260	J	
19.	UNKNOWN ALIP. HYDROCARBON	28.11	480	J	
20.	UNKNOWN ALIP. ACID ESTER	28.14	430	~~BJ~~ U	am
21.	UNKNOWN ALIP. HYDROCARBON	28.96	390	J	
22.	UNKNOWN ALIP. HYDROCARBON	29.12	390	J	
23.	UNKNOWN ALIP. HYDROCARBON	29.77	360	J	
24.	UNKNOWN ALIP. HYDROCARBON	30.64	680	J	
25.	UNKNOWN ALIP. HYDROCARBON	31.61	440	J	
26.	UNKNOWN	32.11	210	J	
27.	UNKNOWN ALIP. HYDROCARBON	32.76	1500	J	
28.	UNK. CHLORINATED BIPHENYL	33.62	190	J	
29.	UNKNOWN ALIP. HYDROCARBON	34.11	470	J	
30.	UNKNOWN ALIP. HYDROCARBON	35.72	1300	J	

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

X109

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: YVONNE SAUGET TRUST
Lab Code: Case No.: SAS No.: SDG No.: 84
Matrix (Soil): Lab Sample ID: B218693
Level (Low/Med): Date Received: 12/10/92
% Solids: 77.7

Concentration Units (mg/kg dry weight):

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	16800			P	
7440-36-0	Antimony	10.0	U	N	P	R
7440-38-2	Arsenic	7.7		S,N	FM	J
7440-39-3	Barium	280			P	
7440-41-7	Beryllium	1.2			P	
7440-43-9	Cadmium	5.5			P	
7440-70-2	Calcium	9710			P	
7440-47-3	Chromium	26.8			P	
7440-48-4	Cobalt	10.4			P	
7440-50-8	Copper	85.0			P	
7439-89-6	Iron	24300			P	
7439-92-1	Lead	136.2			FM	J
7439-95-4	Magnesium	5250			P	
7439-96-5	Manganese	558		N	P	J
7439-97-6	Mercury	0.19			AV	
7440-02-2	Nickel	26.9			P	
7440-09-7	Potassium	3430			P	
7782-49-2	Selenium	0.21	B	W,N	FM	J
7440-22-4	Silver	0.86	U		P	
7440-23-5	Sodium	312	~~R~~ U		P	
7440-28-0	Thallium	0.16	B	W	FM	J
7440-62-2	Vanadium	35.1			P	
7440-66-6	Zinc	2370			P	
	Cyanide	1.1	U		AS	
					AS	

Color Before: Gray Clarity Before: Opaque Texture: Fine
Color After: Green Clarity After: Clear Artifacts:
Comments:

FORM I - IN
SOIL

3/90

B000009

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X110

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227870

Sample wt/vol: 5.0 (g/mL) G Lab File ID: A1211BK11

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: not dec. 14 Date Analyzed: 12/11/92

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

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

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	12	UJ
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	UJ
75-00-3	Chloroethane	12	UJ
75-09-2	Methylene Chloride	12 ~~A~~	~~BJ~~ U an
67-64-1	Acetone	19	J
75-15-0	Carbon Disulfide	12	U
75-35-4	1,1-Dichloroethene	12	U
75-34-3	1,1-Dichloroethane	12	U
540-59-0	1,2-Dichloroethene (total)	12	U
67-66-3	Chloroform	12	U
107-06-2	1,2-Dichloroethane	12	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	12	U
56-23-5	Carbon Tetrachloride	12	U
75-27-4	Bromodichloromethane	12	U
78-87-5	1,2-Dichloropropane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
79-01-6	Trichloroethene	12	U
124-48-1	Dibromochloromethane	12	U
79-00-5	1,1,2-Trichloroethane	12	U
71-43-2	Benzene	12	U
10061-02-6	trans-1,3-Dichloropropene	12	U
75-25-2	Bromoform	12	U
108-10-1	4-Methyl-2-Pentanone	12	UJ
591-78-6	2-Hexanone	12	UJ
127-18-4	Tetrachloroethene	12	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
108-88-3	Toluene	12	U
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	12	U
100-42-5	Styrene	12	U
1330-20-7	Xylene (total)	12	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X110

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227870

Sample wt/vol: 30.6 (g/mL) G Lab File ID: C0113W11

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: 14 decanted: (Y/N) N Date Extracted: 12/18/92

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/14/93

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)Ether	380	U
95-57-8	2-Chlorophenol	380	U
541-73-1	1,3-Dichlorobenzene	380	U
106-46-7	1,4-Dichlorobenzene	380	U
95-50-1	1,2-Dichlorobenzene	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	2,2'-oxybis(1-Chloropropane)	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-Di-n-Propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
111-91-1	bis(2-Chloroethoxy)Methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
120-82-1	1,2,4-Trichlorobenzene	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	UJ
87-68-3	Hexachlorobutadiene	380	U
59-50-7	4-Chloro-3-Methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	910	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	910	U
131-11-3	Dimethylphthalate	380	U
208-96-8	Acenaphthylene	380	U
606-20-2	2,6-Dinitrotoluene	380	U
99-09-2	3-Nitroaniline	910	~~U~~R
83-32-9	Acenaphthene	380	U

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1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X110

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227870

Sample wt/vol: 30.6 (g/mL) G Lab File ID: C0113W11

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: 14 decanted: (Y/N) N Date Extracted: 12/18/92

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/14/93

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q	
51-28-5	2,4-Dinitrophenol	910	U	
100-02-7	4-Nitrophenol	910	U	
132-64-9	Dibenzofuran	380	U	
121-14-2	2,4-Dinitrotoluene	380	U	
84-66-2	Diethylphthalate	380	U	
7005-72-3	4-Chlorophenyl-phenylether	380	U	
86-73-7	Fluorene	380	U	
100-10-6	4-Nitroaniline	910	~~U~~ R	am
534-52-1	4,6-Dinitro-2-methylphenol	910	U	
86-30-6	N-Nitrosodiphenylamine (1)	380	U	
101-55-3	4-Bromophenyl-phenylether	380	U	
118-74-1	Hexachlorobenzene	380	U	
87-86-5	Pentachlorophenol	910	U	
85-01-8	Phenanthrene	380	U	
120-12-7	Anthracene	380	U	
86-74-8	Carbazole	380	U	
84-74-2	Di-n-Butylphthalate	380 ~~140~~	~~BJ~~ U	am
206-44-0	Fluoranthene	380	U	
129-00-0	Pyrene	380	U	
85-68-7	Butylbenzylphthalate	170	J	
91-94-1	3,3'-Dichlorobenzidine	380	U	
56-55-3	Benzo(a)Anthracene	380	U	
218-01-9	Chrysene	380	U	
117-81-7	bis(2-Ethylhexyl)Phthalate	130	J	
117-84-0	Di-n-Octyl Phthalate	380	U	
205-99-2	Benzo(b)Fluoranthene	380	U	
207-08-9	Benzo(k)Fluoranthene	380	U	
50-32-8	Benzo(a)Pyrene	380	U	
193-39-5	Indeno(1,2,3-cd)Pyrene	380	U	
53-70-3	Dibenz(a,h)Anthracene	380	U	
191-24-2	Benzo(g,h,i)Perylene	380	U	

(1) - Cannot be separated from Diphenylamine

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X110

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227870

Sample wt/vol: 30.2 (g/mL) G Lab File ID: _____

% Moisture: 14 decanted: (Y/N) N Date Received: 12/10/92

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/17/92

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 01/~~14~~ 20/93 am 3/13/93

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
----------	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
----------	gamma-BHC (Lindane)	2.0	UJ
----------	Heptachlor	2.0	U
----------	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	2.0	U
----------	Endosulfan I	2.0	U
----------	Dieldrin	3.8	U
72-55-9	4,4'-DDE	3.8	U
----------	Endrin	3.8	U
33213-65-9	Endosulfan II	3.8	U
----------	4,4'-DDD	3.8	U
1031-07-8	Endosulfan sulfate	3.8	U
----------	4,4'-DDT	2.2	JP
----------	Methoxychlor	20	U
53494-70-5	Endrin ketone	3.8	UJ
----------	Endrin aldehyde	3.8	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	2.0	U
8001-35-2	Toxaphene	200	U
12674-11-2	Aroclor-1016	38	U
11104-28-2	Aroclor-1221	77	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	37 ~~38~~	JP
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	35	JP
11096-82-5	Aroclor-1260	27	JP

2/9/93 [illegible]

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X110

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227870

Sample wt/vol: 5.0 (g/mL) G Lab File ID: A1211BK11

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: not dec. 14 Date Analyzed: 12/11/92

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X110

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227870

Sample wt/vol: 30.6 (g/mL) G Lab File ID: C0113W11

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: 14 decanted: (Y/N) N Date Extracted: 12/18/92

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/14/93

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

Number TICs found: 28

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q	
1.	UNKNOWN	6.88	6500	~~BJ~~ U	am
2.	UNKNOWN ALIP. HYDROCARBON	7.22	380	J	
3.	UNKNOWN KETONE	7.62	83000	~~BAJ~~ U	am
4.	UNKNOWN	7.77	1600	~~BJ~~	am
5.	UNKNOWN ALIP. HYDROCARBON	7.90	1100	~~BJ~~ U	am
6.	UNKNOWN ALIP. HYDROCARBON	8.07	810	~~BJ~~ U	am
7. 79-34-5	ETHANE, 1,1,2,2-TETRACHLORO-	8.95	160	~~JNB~~ U	am
8.	UNKNOWN	9.02	3000	~~BJ~~ U	am
9.	UNKNOWN	9.37	560	J	
10.	UNKNOWN KETONE	9.67	970	~~BAJ~~ U	am
11.	UNKNOWN	11.70	5000	~~BJ~~	am
12.	UNKNOWN KETONE	13.77	420	J	
13. 2471-83-2	1H-INDENE, 1-ETHYLIDENE-	16.22	120	JN	
14.	UNKNOWN DIMETHYLNAPHTHALENE	18.07	89	J	
15.	UNKNOWN ALIP. HYDROCARBON	19.82	180	J	
16.	UNKNOWN ALIP. HYDROCARBON	21.04	240	J	
17.	UNKNOWN ALIP. HYDROCARBON	21.12	300	J	
18.	UNKNOWN ALIP. HYDROCARBON	22.19	170	J	
19.	UNKNOWN ALIP. ACID	23.92	260	J	
20.	UNKNOWN	24.39	170	~~BJ~~ U	am
21.	UNKNOWN ALIP. HYDROCARBON	27.22	200	J	
22.	UNKNOWN ALIP. ACID ESTER	28.14	280	~~BJ~~ U	am
23.	UNKNOWN ALIP. HYDROCARBON	28.96	560	J	
24.	UNKNOWN ALIP. HYDROCARBON	29.77	170	J	
25.	UNKNOWN ALIP. HYDROCARBON	30.64	830	J	
26.	UNKNOWN ALIP. HYDROCARBON	31.61	160	J	
27.	UNKNOWN ALIP. HYDROCARBON	32.74	2300	J	
28.	UNKNOWN ALIP. HYDROCARBON	35.71	1900	J	

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

X110

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: YVONNE SAUGET TRUST
Lab Code: Case No.: SAS No.: SDG No.: 84
Matrix (Soil): Lab Sample ID: B218694
Level (Low/Med): Date Received: 12/10/92
% Solids: 85.4

Concentration Units (mg/kg dry weight):

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	10500			P	
7440-36-0	Antimony	9.4	U	N	P	R
7440-38-2	Arsenic	4.7		S,N	FM	J
7440-39-3	Barium	93.3			P	
7440-41-7	Beryllium	0.60	B		P	
7440-43-9	Cadmium	0.82	U		P	
7440-70-2	Calcium	5330			P	
7440-47-3	Chromium	15.0			P	
7440-48-4	Cobalt	7.6	B		P	
7440-50-8	Copper	14.0			P	
7439-89-6	Iron	15600			P	
7439-92-1	Lead	10.0		S	FM	
7439-95-4	Magnesium	4270			P	
7439-96-5	Manganese	495		N	P	J
7439-97-6	Mercury	0.07	B		AV	
7440-02-2	Nickel	19.4			P	
7440-09-7	Potassium	863			P	
7782-49-2	Selenium	0.12	U	W,N	FM	J
7440-22-4	Silver	0.82	U		P	
7440-23-5	Sodium	313	~~B~~ U		P	
7440-28-0	Thallium	0.12	U		FM	
7440-62-2	Vanadium	31.9			P	
7440-66-6	Zinc	64.0			P	
	Cyanide	0.98	U		AS	
					AS	

Color Before: Orange Clarity Before: Opaque Texture: Fine
Color After: Colorless Clarity After: Clear Artifacts:
Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X111

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: 227863

Sample wt/vol: 5.0 (g/mL) G Lab File ID: A1211BK09

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: not dec. 25 Date Analyzed: 12/11/92

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

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

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X111

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227863

Sample wt/vol: 30.2 (g/mL) G Lab File ID: C0114W05

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: 25 decanted: (Y/N) N Date Extracted: 12/18/92

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/14/93

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	440	U
111-44-4	bis(2-Chloroethyl)Ether	440	U
95-57-8	2-Chlorophenol	440	U
541-73-1	1,3-Dichlorobenzene	440	U
106-46-7	1,4-Dichlorobenzene	440	U
95-50-1	1,2-Dichlorobenzene	440	U
95-48-7	2-Methylphenol	440	U
108-60-1	2,2'-oxybis(1-Chloropropane)	440	U
106-44-5	4-Methylphenol	440	U
621-64-7	N-Nitroso-Di-n-Propylamine	440	U
67-72-1	Hexachloroethane	440	U
98-95-3	Nitrobenzene	440	U
78-59-1	Isophorone	440	U
88-75-5	2-Nitrophenol	440	U
105-67-9	2,4-Dimethylphenol	440	U
111-91-1	bis(2-Chloroethoxy)Methane	440	U
120-83-2	2,4-Dichlorophenol	440	U
120-82-1	1,2,4-Trichlorobenzene	440	U
91-20-3	Naphthalene	440	U
106-47-8	4-Chloroaniline	440	UJ
87-68-3	Hexachlorobutadiene	440	U
59-50-7	4-Chloro-3-Methylphenol	440	U
91-57-6	2-Methylnaphthalene	440	U
77-47-4	Hexachlorocyclopentadiene	440	U
88-06-2	2,4,6-Trichlorophenol	440	U
95-95-4	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	440	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	440	U
208-96-8	Acenaphthylene	440	U
606-20-2	2,6-Dinitrotoluene	440	U
99-09-2	3-Nitroaniline	1100	~~U~~ R an
83-32-9	Acenaphthene	440	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X111

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227863

Sample wt/vol: 30.2 (g/mL) G Lab File ID: C0114W05

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: 25 decanted: (Y/N) N Date Extracted: 12/18/92

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/14/93

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q	
51-28-5	2,4-Dinitrophenol	1100	U	
100-02-7	4-Nitrophenol	1100	U	
132-64-9	Dibenzofuran	440	U	
121-14-2	2,4-Dinitrotoluene	440	U	
84-66-2	Diethylphthalate	440	U	
7005-72-3	4-Chlorophenyl-phenylether	440	U	
86-73-7	Fluorene	440	U	
100-10-6	4-Nitroaniline	1100	~~U~~ R	am
534-52-1	4,6-Dinitro-2-methylphenol	1100	U	
86-30-6	N-Nitrosodiphenylamine (1)	440	U	
101-55-3	4-Bromophenyl-phenylether	440	U	
118-74-1	Hexachlorobenzene	440	U	
87-86-5	Pentachlorophenol	1100	U	
85-01-8	Phenanthrene	440	U	
120-12-7	Anthracene	440	U	
86-74-8	Carbazole	440	U	
84-74-2	Di-n-Butylphthalate	440 ~~370~~	~~BJ~~ U	am
206-44-0	Fluoranthene	440	U	
129-00-0	Pyrene	440	U	
85-68-7	Butylbenzylphthalate	440	U	
91-94-1	3,3'-Dichlorobenzidine	440	U	
56-55-3	Benzo(a)Anthracene	440	U	
218-01-9	Chrysene	440	U	
117-81-7	bis(2-Ethylhexyl)Phthalate	440	U	
117-84-0	Di-n-Octyl Phthalate	440	U	
205-99-2	Benzo(b)Fluoranthene	440	U	
207-08-9	Benzo(k)Fluoranthene	440	U	
50-32-8	Benzo(a)Pyrene	440	U	
193-39-5	Indeno(1,2,3-cd)Pyrene	440	U	
53-70-3	Dibenz(a,h)Anthracene	440	U	
191-24-2	Benzo(g,h,i)Perylene	440	U	

(1) - Cannot be separated from Diphenylamine

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X111

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227863

Sample wt/vol: 30.2 (g/mL) G Lab File ID: _____

% Moisture: 25 decanted: (Y/N) N Date Received: 12/10/92

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/17/92

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 01/~~14~~ 20/93 3/13/93

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.5 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
----------	alpha-BHC	2.3	U
319-85-7--------	beta-BHC	2.3	U
319-86-8--------	delta-BHC	2.3	U
----------	gamma-BHC (Lindane)	2.3	UJ
----------	Heptachlor	2.3	U
----------	Aldrin	2.3	U
1024-57-3-------	Heptachlor epoxide	2.3	U
----------	Endosulfan I	2.3	U
----------	Dieldrin	1.3	JP
72-55-9---------	4,4'-DDE	7.9	J
----------	Endrin	4.4	U
33213-65-9------	Endosulfan II	4.1	JP
----------	4,4'-DDD	4.4	U
1031-07-8-------	Endosulfan sulfate	4.4	U
----------	4,4'-DDT	11	PJ
----------	Methoxychlor	23	U
53494-70-5------	Endrin ketone	4.4	UJ
----------	Endrin aldehyde	4.4	U
5103-71-9-------	alpha-Chlordane	2.3	U
5103-74-2-------	gamma-Chlordane	2.3	U
8001-35-2-------	Toxaphene	230	U
12674-11-2------	Aroclor-1016	44	U
11104-28-2------	Aroclor-1221	89	U
11141-16-5------	Aroclor-1232	44	U
53469-21-9------	Aroclor-1242	44	U
12672-29-6------	Aroclor-1248	44	U
11097-6 -1------	Aroclor-1254	44	U
11096-8 -5------	Aroclor-1260	77	P

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X111

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227863

Sample wt/vol: 5.0 (g/mL) G Lab File ID: A1211BK09

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: not dec. 25 Date Analyzed: 12/11/92

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X111

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227863

Sample wt/vol: 30.2 (g/mL) G Lab File ID: C0114W05

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: 25 decanted: (Y/N) N Date Extracted: 12/18/92

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/14/93

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

Number TICs found: 20

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q	
1.	UNKNOWN	6.92	7300	~~BJ~~ U	
2.	UNKNOWN	7.25	680	J	
3.	UNKNOWN KETONE	7.65	120000	~~BAJ~~ U	
4.	UNKNOWN	7.78	1600	J	
5.	UNKNOWN ALIP. HYDROCARBON	7.95	1200	~~BJ~~ U	
6.	UNKNOWN ALIP. HYDROCARBON	8.10	920	~~BJ~~ U	
7.	UNKNOWN ALIPHATIC ALCOHOL	8.47	160	J	
8. 79-34-5	ETHANE, 1,1,2,2-TETRACHLORO-	9.00	250	~~BJ~~ U	
9.	UNKNOWN KETONE	9.07	3100	~~BAJ~~ U	
10.	UNKNOWN KETONE	9.70	1000	~~BAJ~~ U	
11.	UNKNOWN	10.19	530	J	
12.	UNKNOWN	11.74	5000	J	
13.	UNKNOWN KETONE	13.80	760	J	
14.	UNKNOWN ALIP. ACID	23.95	850	J	
15.	UNKNOWN	24.42	270	~~BJ~~ U	
16.	UNKNOWN ALIP. ACID ESTER	28.17	330	~~BJ~~ U	
17.	UNKNOWN ALIP. HYDROCARBON	30.67	550	J	
18.	UNKNOWN	32.12	460	J	
19.	UNKNOWN ALIP. HYDROCARBON	32.79	2000	J	
20.	UNKONWN ALIP. HYDROCARBON	35.76	2200	J	

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

X111

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: YVONNE SAUGET TRUST
Lab Code: Case No.: SAS No.: SDG No.: 84
Matrix (Soil): Lab Sample ID: B218695
Level (Low/Med): Date Received: 12/10/92
% Solids: 73.8

Concentration Units (mg/kg dry weight):

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	21500			P	
7440-36-0	Antimony	12.2	U	N	P	R
7440-38-2	Arsenic	8.9		S,N	FM	J
7440-39-3	Barium	256			P	
7440-41-7	Beryllium	1.3			P	
7440-43-9	Cadmium	2.2			P	
7440-70-2	Calcium	16400			P	
7440-47-3	Chromium	25.5			P	
7440-48-4	Cobalt	13.8			P	
7440-50-8	Copper	45.3			P	
7439-89-6	Iron	26700			P	
7439-92-1	Lead	91.1			FM	
7439-95-4	Magnesium	7160			P	
7439-96-5	Manganese	960		N	P	J
7439-97-6	Mercury	0.09	B		AV	
7440-02-2	Nickel	40.0			P	
7440-09-7	Potassium	3990			P	
7782-49-2	Selenium	0.18	B	W,N	FM	J
7440-22-4	Silver	2.6			P	
7440-23-5	Sodium	419	~~B~~ U		P	
7440-28-0	Thallium	0.25	B		FM	
7440-62-2	Vanadium	40.0			P	
7440-66-6	Zinc	303			P	
	Cyanide	1.1	U		AS	
					AS	

Color Before: Brown Clarity Before: Opaque Texture: Fine
Color After: Colorless Clarity After: Clear Artifacts:
Comments:

FORM I - IN
SOIL

3/90

B000011

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X112

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227871

Sample wt/vol: 5.0 (g/mL) G Lab File ID: A1211BK12

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: not dec. 25 Date Analyzed: 12/11/92

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

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

CAS NO.	COMPOUND		Q	
74-87-3	Chloromethane	13	UJ	
74-83-9	Bromomethane	13	U	
75-01-4	Vinyl Chloride	13	UJ	
75-00-3	Chloroethane	13	UJ	
75-09-2	Methylene Chloride	13.5	~~BJ~~U	am
67-64-1	Acetone	13	UJ	
75-15-0	Carbon Disulfide	13	U	
75-35-4	1,1-Dichloroethene	13	U	
75-34-3	1,1-Dichloroethane	13	U	
540-59-0	1,2-Dichloroethene (total)	13	U	
67-66-3	Chloroform	13	U	
107-06-2	1,2-Dichloroethane	13	U	
78-93-3	2-Butanone	13	U	
71-55-6	1,1,1-Trichloroethane	13	U	
56-23-5	Carbon Tetrachloride	13	U	
75-27-4	Bromodichloromethane	13	U	
78-87-5	1,2-Dichloropropane	13	U	
10061-01-5	cis-1,3-Dichloropropene	13	U	
79-01-6	Trichloroethene	13	U	
124-48-1	Dibromochloromethane	13	U	
79-00-5	1,1,2-Trichloroethane	13	U	
71-43-2	Benzene	13	U	
10061-02-6	trans-1,3-Dichloropropene	13	U	
75-25-2	Bromoform	13	U	
108-10-1	4-Methyl-2-Pentanone	13	UJ	
591-78-6	2-Hexanone	13	UJ	
127-18-4	Tetrachloroethene	13	U	
79-34-5	1,1,2,2-Tetrachloroethane	13	U	
108-88-3	Toluene	13	U	
108-90-7	Chlorobenzene	13	U	
100-41-4	Ethylbenzene	13	U	
100-42-5	Styrene	13	U	
1330-20-7	Xylene (total)	13	U	

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X112

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227871

Sample wt/vol: 30.0 (g/mL) G Lab File ID: C0113W12

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: 25 decanted: (Y/N) N Date Extracted: 12/18/92

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/14/93

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	440	U
111-44-4	bis(2-Chloroethyl)Ether	440	U
95-57-8	2-Chlorophenol	440	U
541-73-1	1,3-Dichlorobenzene	440	U
106-46-7	1,4-Dichlorobenzene	440	U
95-50-1	1,2-Dichlorobenzene	440	U
95-48-7	2-Methylphenol	440	U
108-60-1	2,2'-oxybis(1-Chloropropane)	440	U
106-44-5	4-Methylphenol	440	U
621-64-7	N-Nitroso-Di-n-Propylamine	440	U
67-72-1	Hexachloroethane	440	U
98-95-3	Nitrobenzene	440	U
78-59-1	Isophorone	440	U
88-75-5	2-Nitrophenol	440	U
105-67-9	2,4-Dimethylphenol	440	U
111-91-1	bis(2-Chloroethoxy)Methane	440	U
120-83-2	2,4-Dichlorophenol	440	U
120-82-1	1,2,4-Trichlorobenzene	440	U
91-20-3	Naphthalene	440	U
106-47-8	4-Chloroaniline	440	UJ
87-68-3	Hexachlorobutadiene	440	U
59-50-7	4-Chloro-3-Methylphenol	440	U
91-57-6	2-Methylnaphthalene	440	U
77-47-4	Hexachlorocyclopentadiene	440	U
88-06-2	2,4,6-Trichlorophenol	440	U
95-95-4	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	440	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	440	U
208-96-8	Acenaphthylene	440	U
606-20-2	2,6-Dinitrotoluene	440	U
99-09-2	3-Nitroaniline	1100	~~U~~R
83-32-9	Acenaphthene	440	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X112

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227871

Sample wt/vol: 30.0 (g/mL) G Lab File ID: C0113W12

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: 25 decanted: (Y/N) N Date Extracted: 12/18/92

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/14/93

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q	
51-28-5	2,4-Dinitrophenol	1100	U	
100-02-7	4-Nitrophenol	1100	U	
132-64-9	Dibenzofuran	440	U	
121-14-2	2,4-Dinitrotoluene	440	U	
84-66-2	Diethylphthalate	440	U	
7005-72-3	4-Chlorophenyl-phenylether	440	U	
86-73-7	Fluorene	440	U	
100-10-6	4-Nitroaniline	1100	~~U~~ R	am
534-52-1	4,6-Dinitro-2-methylphenol	1100	U	
86-30-6	N-Nitrosodiphenylamine (1)	440	U	
101-55-3	4-Bromophenyl-phenylether	440	U	
118-74-1	Hexachlorobenzene	440	U	
87-86-5	Pentachlorophenol	1100	U	
85-01-8	Phenanthrene	440	U	
120-12-7	Anthracene	440	U	
86-74-8	Carbazole	440	U	
84-74-2	Di-n-Butylphthalate	590	~~B~~ U	am
206-44-0	Fluoranthene	440	U	
129-00-0	Pyrene	440	U	
85-68-7	Butylbenzylphthalate	440	U	
91-94-1	3,3'-Dichlorobenzidine	440	U	
56-55-3	Benzo(a)Anthracene	440	U	
218-01-9	Chrysene	440	U	
117-81-7	bis(2-Ethylhexyl)Phthalate	440	U	
117-84-0	Di-n-Octyl Phthalate	440	U	
205-99-2	Benzo(b)Fluoranthene	440	U	
207-08-9	Benzo(k)Fluoranthene	440	U	
50-32-8	Benzo(a)Pyrene	440	U	
193-39-5	Indeno(1,2,3-cd)Pyrene	440	U	
53-70-3	Dibenz(a,h)Anthracene	440	U	
191-24-2	Benzo(g,h,i)Perylene	440	U	

(1) - Cannot be separated from Diphenylamine

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X112

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227871

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

% Moisture: 25 decanted: (Y/N) N Date Received: 12/10/92

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/17/92

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 01/~~14~~ 20/93 am 3/13/93

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.5 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
----------	alpha-BHC	2.2	U
319-85-7--------	beta-BHC	2.2	U
319-86-8--------	delta-BHC	2.2	U
----------	gamma-BHC (Lindane)	2.2	UJ
----------	Heptachlor	2.2	U
----------	Aldrin	2.2	U
1024-57-3-------	Heptachlor epoxide	2.2	U
----------	Endosulfan I	2.2	U
----------	Dieldrin	4.3	U
72-55-9---------	4,4'-DDE	1.3	JP
----------	Endrin	4.3	U
33213-65-9------	Endosulfan II	4.3	U
----------	4,4'-DDD	4.3	U
1031-07-8-------	Endosulfan sulfate	4.3	U
----------	4,4'-DDT	2.2	JP
----------	Methoxychlor	22	U
53494-70-5------	Endrin ketone	4.3	UJ
----------	Endrin aldehyde	2.0	JP
5103-71-9-------	alpha-Chlordane	2.2	U
5103-74-2-------	gamma-Chlordane	2.2	U
8001-35-2-------	Toxaphene	220	U
12674-11-2------	Aroclor-1016	43	U
11104-28-2------	Aroclor-1221	88	U
11141-16-5------	Aroclor-1232	43	U
53469-21-9------	Aroclor-1242	43	U
12672-29-6------	Aroclor-1248	43	U
11097-69-1------	Aroclor-1254	21	JP
11096-82-5------	Aroclor-1260	34	J

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X112

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227871

Sample wt/vol: 5.0 (g/mL) G Lab File ID: A1211BK12

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: not dec. 25 Date Analyzed: 12/11/92

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X112

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: 0227871

Sample wt/vol: 30.0 (g/mL) G Lab File ID: C0113W12

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: 25 decanted: (Y/N) N Date Extracted: 12/18/92

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/14/93

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

Number TICs found: 20

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q	
1.	UNKNOWN	6.98	9200	~~BJ~~ U	am
2.	UNKNOWN ALIP. HYDROCARBON	7.22	400	J	
3.	UNKNOWN KETONE	7.70	97000	~~BAJ~~ U	am
4.	UNKNOWN	7.78	950	~~BJ~~ U	am
5.	UNKNOWN ALIP. HYDROCARBON	7.92	930	~~BJ~~ U	am
6.	UNKNOWN ALIP. HYDROCARBON	8.08	650	~~BJ~~ U	am
7. 79-34-5	ETHANE, 1,1,2,2-TETRACHLORO-	8.97	220	~~JNB~~ U	am
8.	UNKNOWN	9.05	4200	~~BJ~~ U	am
9.	UNKNOWN KETONE	9.37	770	~~BAJ~~ U	am
10.	UNKNOWN KETONE	9.67	1200	~~BAJ~~ U	am
11.	UNKNOWN	10.35	270	J	
12.	UNKNOWN	11.70	5200	J	
13.	UNKNOWN KETONE	13.77	410	J	
14.	UNKNOWN ALIP. ACID	23.92	900	J	
15.	UNKNOWN	24.39	310	~~BJ~~ U	am
16.	UNKNOWN ALIP. ACID ESTER	28.14	320	~~BJ~~ U	am
17.	UNKNOWN ALIP. HYDROCARBON	30.64	270	J	
18.	UNKNOWN	32.09	210	J	
19.	UNKNOWN ALIP. HYDROCARBON	32.74	1100	J	
20.	UNKNOWN ALIP. HYDROCARBON	35.71	1200	J	

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

X112

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: YVONNE SAUGET TRUST
Lab Code: Case No.: SAS No.: SDG No.: 84
Matrix (Soil): Lab Sample ID: B218696
Level (Low/Med): Date Received: 12/10/92
% Solids: 74.8

Concentration Units (mg/kg dry weight):

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	20300			P	
7440-36-0	Antimony	10.4	U	N	P	R
7440-38-2	Arsenic	7.5		S,N	FM	J
7440-39-3	Barium	228			P	
7440-41-7	Beryllium	1.3			P	
7440-43-9	Cadmium	2.8			P	
7440-70-2	Calcium	13700			P	
7440-47-3	Chromium	25.6			P	
7440-48-4	Cobalt	10.8			P	
7440-50-8	Copper	78.7			P	
7439-89-6	Iron	25900			P	
7439-92-1	Lead	68.1		S	FM	
7439-95-4	Magnesium	6380			P	
7439-96-5	Manganese	522		N	P	J
7439-97-6	Mercury	0.09	B		AV	
7440-02-2	Nickel	31.8			P	
7440-09-7	Potassium	3610			P	
7782-49-2	Selenium	0.29	B	W,N	FM	J
7440-22-4	Silver	0.90	U		P	
7440-23-5	Sodium	356	~~B~~ U		P	
7440-28-0	Thallium	0.21	B		FM	
7440-62-2	Vanadium	41.6			P	
7440-66-6	Zinc	263			P	
	Cyanide	1.1	U		AS	
					AS	

Color Before: Gray Clarity Before: Opaque Texture: Fine
Color After: Colorless Clarity After: Clear Artifacts:
Comments:

FORM I - IN
SOIL

3/90

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X113

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: 227872

Sample wt/vol: 5.0 (g/mL) G Lab File ID: A1211BK13

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: not dec. 14 Date Analyzed: 12/11/92

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	12	UJ
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	UJ
75-00-3	Chloroethane	12	UJ
75-09-2	Methylene Chloride	12 ~~8~~	~~BJ~~ U am
67-64-1	Acetone	23	J
75-15-0	Carbon Disulfide	12	U
75-35-4	1,1-Dichloroethene	12	U
75-34-3	1,1-Dichloroethane	12	U
540-59-0	1,2-Dichloroethene (total)	12	U
67-66-3	Chloroform	12	U
107-06-2	1,2-Dichloroethane	12	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	12	U
56-23-5	Carbon Tetrachloride	12	U
75-27-4	Bromodichloromethane	12	U
78-87-5	1,2-Dichloropropane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
79-01-6	Trichloroethene	12	U
124-48-1	Dibromochloromethane	12	U
79-00-5	1,1,2-Trichloroethane	12	U
71-43-2	Benzene	12	U
10061-02-6	trans-1,3-Dichloropropene	12	U
75-25-2	Bromoform	12	U
108-10-1	4-Methyl-2-Pentanone	12	UJ
591-78-6	2-Hexanone	12	UJ
127-18-4	Tetrachloroethene	12	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
108-88-3	Toluene	12	U
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	12	U
100-42-5	Styrene	12	U
1330-20-7	Xylene (total)	12	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X113

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227872

Sample wt/vol: 30.4 (g/mL) G Lab File ID: C0113W06

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: 14 decanted: (Y/N) N Date Extracted: 12/18/92

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/13/93

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)Ether	380	U
95-57-8	2-Chlorophenol	380	U
541-73-1	1,3-Dichlorobenzene	380	U
106-46-7	1,4-Dichlorobenzene	380	U
95-50-1	1,2-Dichlorobenzene	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	2,2'-oxybis(1-Chloropropane)	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-Di-n-Propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
111-91-1	bis(2-Chloroethoxy)Methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
120-82-1	1,2,4-Trichlorobenzene	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	UJ
87-68-3	Hexachlorobutadiene	380	U
59-50-7	4-Chloro-3-Methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	920	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	920	U
131-11-3	Dimethylphthalate	380	U
208-96-8	Acenaphthylene	380	U
606-20-2	2,6-Dinitrotoluene	380	U
99-09-2	3-Nitroaniline	920	~~U~~R
83-32-9	Acenaphthene	380	U

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1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X113

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227872

Sample wt/vol: 30.4 (g/mL) G Lab File ID: C0113W06

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: 14 decanted: (Y/N) N Date Extracted: 12/18/92

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/13/93

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q	
51-28-5	2,4-Dinitrophenol	920	U	
100-02-7	4-Nitrophenol	920	U	
132-64-9	Dibenzofuran	380	U	
121-14-2	2,4-Dinitrotoluene	380	U	
84-66-2	Diethylphthalate	380	U	
7005-72-3	4-Chlorophenyl-phenylether	380	U	
86-73-7	Fluorene	380	U	
100-10-6	4-Nitroaniline	920	~~U~~ R	am
534-52-1	4,6-Dinitro-2-methylphenol	920	U	
86-30-6	N-Nitrosodiphenylamine (1)	380	U	
101-55-3	4-Bromophenyl-phenylether	380	U	
118-74-1	Hexachlorobenzene	380	U	
87-86-5	Pentachlorophenol	920	U	
85-01-8	Phenanthrene	380	U	
120-12-7	Anthracene	380	U	
86-74-8	Carbazole	380	U	
84-74-2	Di-n-Butylphthalate	510	~~B~~ U	ank
206-44-0	Fluoranthene	380	U	
129-00-0	Pyrene	380	U	
85-68-7	Butylbenzylphthalate	380	U	
91-94-1	3,3'-Dichlorobenzidine	380	U	
56-55-3	Benzo(a)Anthracene	380	U	
218-01-9	Chrysene	380	U	
117-81-7	bis(2-Ethylhexyl)Phthalate	380	U	
117-84-0	Di-n-Octyl Phthalate	380	U	
205-99-2	Benzo(b)Fluoranthene	380	U	
207-08-9	Benzo(k)Fluoranthene	380	U	
50-32-8	Benzo(a)Pyrene	380	U	
193-39-5	Indeno(1,2,3-cd)Pyrene	380	U	
53-70-3	Dibenz(a,h)Anthracene	380	U	
191-24-2	Benzo(g,h,i)Perylene	380	U	

(1) - Cannot be separated from Diphenylamine

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X113

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227872

Sample wt/vol: 30.2 (g/mL) G Lab File ID: _____

% Moisture: 14 decanted: (Y/N) N Date Received: 12/10/92

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/17/92

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 01/~~14~~ 20/93 3/13/93

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
----------	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
----------	gamma-BHC (Lindane)	2.0	UJ
----------	Heptachlor	2.0	U
----------	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	2.0	U
----------	Endosulfan I	2.0	U
----------	Dieldrin	3.8	U
72-55-9	4,4'-DDE	1.6	JP
----------	Endrin	3.8	U
33213-65-9	Endosulfan II	3.8	U
----------	4,4'-DDD	3.8	U
1031-07-8	Endosulfan sulfate	3.8	U
----------	4,4'-DDT	3.8	U
----------	Methoxychlor	20	U
53494-70-5	Endrin ketone	3.8	UJ
----------	Endrin aldehyde	3.8	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	2.0	U
8001-35-2	Toxaphene	200	U
12674-11-2	Aroclor-1016	38	U
11104-28-2	Aroclor-1221	77	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	38	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	6.8	J
11096-82-5	Aroclor-1260	6.4	J

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X113

I Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227872

Sample wt/vol: 5.0 (g/mL) G Lab File ID: A1211BK13

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: not dec. 14 Date Analyzed: 12/11/92

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X113

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227872

Sample wt/vol: 30.4 (g/mL) G Lab File ID: C0113W06

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: 14 decanted: (Y/N) N Date Extracted: 12/18/92

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/13/93

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

Number TICs found: 25

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q	
1.	UNKNOWN	6.98	6700	~~BJ~~ U	
2.	UNKNOWN ALIP. HYDROCARBON	7.22	350	J	
3.	UNKNOWN KETONE	7.70	78000	~~BAJ~~ U	am
4.	UNKNOWN	7.78	780	~~BJ~~ U	am
5.	UNKNOWN ALIP. HYDROCARBON	7.92	770	~~BJ~~ U	am
6.	UNKNOWN	8.45	82	J	
7. 79-34-5	ETHANE, 1,1,2,2-TETRACHLORO-	8.97	180	~~JNB~~ U	am
8.	UNKNOWN	9.05	3100	~~BJ~~ U	am
9.	UNKNOWN KETONE	9.37	520	~~BAJ~~ U	am
10.	UNKNOWN KETONE	9.67	1500	~~BAJ~~ U	am
11.	UNKNOWN KETONE	9.89	360	~~BAJ~~ U	am
12.	UNKNOWN	10.87	600	J	
13.	UNKNOWN	11.74	5800	J	
14.	UNKNOWN	13.77	340	J	
15.	UNKNOWN	23.84	80	J	
16.	UNKNOWN ALIP. ACID	23.92	500	J	
17.	UNKNOWN	24.19	74	J	
18.	UNKNOWN	24.39	240	~~BJ~~ U	am
19.	UNKNOWN ALIP. ACID ESTER	28.14	300	~~BJ~~ U	am
20.	UNKNOWN ALIP. HYDROCARBON	28.96	390	J	
21.	UNKNOWN ALIP. HYDROCARBON	29.77	110	J	
22.	UNKNOWN ALIP. HYDROCARBON	30.64	730	J	
23.	UNKNOWN	32.09	360	J	
24.	UNKNOWN ALIP. HYDROCARBON	32.76	2000	J	
25.	UNKNOWN ALIP. HYDROCARBON	35.71	2000	J	

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

X113

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: YVONNE SAUGET TRUST
Lab Code: Case No.: SAS No.: SDG No.: 84
Matrix (Soil): Lab Sample ID: B218697
Level (Low/Med): Date Received: 12/10/92
% Solids: 86.0

Concentration Units (mg/kg dry weight):

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	12400			P	
7440-36-0	Antimony	9.1	U	N	P	R
7440-38-2	Arsenic	4.5		S,N	FM	J
7440-39-3	Barium	93.3			P	
7440-41-7	Beryllium	0.67	B		P	
7440-43-9	Cadmium	0.78	U		P	
7440-70-2	Calcium	5090			P	
7440-47-3	Chromium	15.2			P	
7440-48-4	Cobalt	8.0			P	
7440-50-8	Copper	12.8			P	
7439-89-6	Iron	15000			P	
7439-92-1	Lead	10.6			FM	
7439-95-4	Magnesium	3640			P	
7439-96-5	Manganese	490		N	P	J
7439-97-6	Mercury	0.03	B		AV	
7440-02-2	Nickel	17.2			P	
7440-09-7	Potassium	922			P	
7782-49-2	Selenium	0.11	U	W,N	FM	J
7440-22-4	Silver	0.78	U		P	
7440-23-5	Sodium	251	~~R~~ U		P	
7440-28-0	Thallium	0.11	U		FM	
7440-62-2	Vanadium	30.2			P	
7440-66-6	Zinc	38.1			P	
	Cyanide	21.0			AS	
					AS	

Color Before: Orange Clarity Before: Opaque Texture: Medium
Color After: Colorless Clarity After: Clear Artifacts:
Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X114

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227873

Sample wt/vol: 5.0 (g/mL) G Lab File ID: A1211BK14

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: not dec. 21 Date Analyzed: 12/11/92

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

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

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X114

L Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227873

Sample wt/vol: 30.5 (g/mL) G Lab File ID: C0120W05

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: 21 decanted: (Y/N) N Date Extracted: 12/18/92

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/20/93

Injection Volume: 2.0(uL) Dilution Factor: 4.0

GPC Cleanup: (Y/N) Y pH: 7.3

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	1600	U
111-44-4	bis(2-Chloroethyl)Ether	1600	U
95-57-8	2-Chlorophenol	1600	U
541-73-1	1,3-Dichlorobenzene	1600	U
106-46-7	1,4-Dichlorobenzene	1600	U
95-50-1	1,2-Dichlorobenzene	1600	U
95-48-7	2-Methylphenol	1600	UJ
108-60-1	2,2'-oxybis(1-Chloropropane)	1600	U
106-44-5	4-Methylphenol	1600	U
621-64-7	N-Nitroso-Di-n-Propylamine	1600	U
67-72-1	Hexachloroethane	1600	U
98-95-3	Nitrobenzene	1600	U
78-59-1	Isophorone	1600	U
88-75-5	2-Nitrophenol	1600	U
105-67-9	2,4-Dimethylphenol	1600	U
111-91-1	bis(2-Chloroethoxy)Methane	1600	U
120-83-2	2,4-Dichlorophenol	1600	U
120-82-1	1,2,4-Trichlorobenzene	1600	U
91-20-3	Naphthalene	1600	U
106-47-8	4-Chloroaniline	1600	UJ
87-68-3	Hexachlorobutadiene	1600	U
59-50-7	4-Chloro-3-Methylphenol	1600	U
91-57-6	2-Methylnaphthalene	1600	U
77-47-4	Hexachlorocyclopentadiene	1600	U
88-06-2	2,4,6-Trichlorophenol	1600	U
95-95-4	2,4,5-Trichlorophenol	4000	U
91-58-7	2-Chloronaphthalene	1600	U
88-74-4	2-Nitroaniline	4000	U
131-11-3	Dimethylphthalate	1600	U
208-96-8	Acenaphthylene	1600	U
606-20-2	2,6-Dinitrotoluene	1600	U
99-09-2	3-Nitroaniline	4000	~~U~~R an
83-32-9	Acenaphthene	1600	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X114

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227873

Sample wt/vol: 30.5 (g/mL) G Lab File ID: C0120W05

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: 21 decanted: (Y/N) N Date Extracted: 12/18/92

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/20/93

Injection Volume: 2.0(uL) Dilution Factor: 4.0

GPC Cleanup: (Y/N) Y pH: 7.3

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	4000	U
100-02-7	4-Nitrophenol	4000	UJ
132-64-9	Dibenzofuran	1600	U
121-14-2	2,4-Dinitrotoluene	1600	U
84-66-2	Diethylphthalate	1600	U
7005-72-3	4-Chlorophenyl-phenylether	1600	U
86-73-7	Fluorene	1600	U
100-10-6	4-Nitroaniline	4000	~~U~~R am
534-52-1	4,6-Dinitro-2-methylphenol	4000	U
86-30-6	N-Nitrosodiphenylamine (1)	1600	U
101-55-3	4-Bromophenyl-phenylether	1600	U
118-74-1	Hexachlorobenzene	1600	U
87-86-5	Pentachlorophenol	4000	U
85-01-8	Phenanthrene	1600	U
120-12-7	Anthracene	1600	U
86-74-8	Carbazole	1600	U
84-74-2	Di-n-Butylphthalate	1600	U
206-44-0	Fluoranthene	1600	U
129-00-0	Pyrene	490	J
85-68-7	Butylbenzylphthalate	1600	U
91-94-1	3,3'-Dichlorobenzidine	1600	U
56-55-3	Benzo(a)Anthracene	1600	U
218-01-9	Chrysene	1600	U
117-81-7	bis(2-Ethylhexyl)Phthalate	1600	U
117-84-0	Di-n-Octyl Phthalate	1600	U
205-99-2	Benzo(b)Fluoranthene	1600	U
207-08-9	Benzo(k)Fluoranthene	1600	U
50-32-8	Benzo(a)Pyrene	1600	U
193-39-5	Indeno(1,2,3-cd)Pyrene	1600	U
53-70-3	Dibenz(a,h)Anthracene	1600	U
191-24-2	Benzo(g,h,i)Perylene	1600	U

(1) - Cannot be separated from Diphenylamine

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X114DL

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227873

Sample wt/vol: 30.2 (g/mL) G Lab File ID: _____

% Moisture: 21 decanted: (Y/N) N Date Received: 12/10/92

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/17/92

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 01/~~14~~ 20/93 am 3/13/93

Injection Volume: 2.00 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 7.3 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
----------	alpha-BHC	21	U
319-85-7--------	beta-BHC	21	U
319-86-8--------	delta-BHC	21	U
----------	gamma-BHC (Lindane)	21	UJ
----------	Heptachlor	21	U
----------	Aldrin	21	U
1024-57-3-------	Heptachlor epoxide	21	U
----------	Endosulfan I	21	U
----------	Dieldrin	41	U
72-55-9---------	4,4'-DDE	41	U
----------	Endrin	41	U
33213-65-9------	Endosulfan II	41	U
----------	4,4'-DDD	41	U
1031-07-8-------	Endosulfan sulfate	16	JD
----------	4,4'-DDT	43	DJ
----------	Methoxychlor	210	U
53494-70-5------	Endrin ketone	41	UJ
----------	Endrin aldehyde	41	U
5103-71-9-------	alpha-Chlordane	21	U
5103-74-2-------	gamma-Chlordane	6.9	JPD
8001-35-2-------	Toxaphene	2100	U
12674-11-2------	Aroclor-1016	410	U
11104-28-2------	Aroclor-1221	840	U
11141-16-5------	Aroclor-1232	410	U
53469-21-9------	Aroclor-1242	410	U
12672-29-6------	Aroclor-1248	410	U
11097-69-1------	Aroclor-1254	540	PD
11096-82-5------	Aroclor-1260	380	JPD

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X114

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227873

Sample wt/vol: 5.0 (g/mL) G Lab File ID: A1211BK14

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: not dec. 21 Date Analyzed: 12/11/92

GC Column: DB-624 ID: 530 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X114

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227873

Sample wt/vol: 30.5 (g/mL) G Lab File ID: C0120W05

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: 21 decanted: (Y/N) N Date Extracted: 12/18/92

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/20/93

Injection Volume: 2.0 (uL) Dilution Factor: 4.0

GPC Cleanup: (Y/N) Y pH: 7.3

Number TICs found: 29

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN KETONE	7.48	210000	~~BAJ~~ U am
2.	UNKNOWN ALIP. HYDROCARBON	8.07	690	~~BJ~~ U am
3.	UNKNOWN	9.00	3700	~~BJ~~ U am
4.	UNKNOWN KETONE	9.67	1200	~~BAJ~~ U am
5.	UNKNOWN	11.64	2400	J
6.	UNKNOWN ALIPHATIC ALCOHOL	17.22	620	J
7.	UNKNOWN ALIP. HYDROCARBON	18.07	520	J
8.	UNKNOWN ALIP. HYDROCARBON	21.14	640	JN
9.	UNKNOWN PNA	21.55	360	J
10.	UNKNOWN ALIP. HYDROCARBON	22.20	560	J
11.	UNKNOWN ALIP. HYDROCARBON	22.32	640	J
12.	UNKNOWN ALIP. HYDROCARBON	23.30	620	J
13.	UNKNOWN	23.84	430	J
14.	UNKNOWN ALIP. HYDROCARBON	24.34	410	J
15.	UNKNOWN PNA	25.26	570	J
16.	UNKNOWN	25.36	270	J
17.	UNKNOWN	26.14	330	J
18.	UNKNOWN	26.32	270	J
19.	UNKNOWN PNA	27.36	490	J
20.	UNKNOWN PNA	27.61	930	J
21.	UNKNOWN METHYLPYRENE	27.67	440	J
22.	UNKNOWN	28.12	420	J
23.	UNKNOWN	28.71	320	J
24.	UNKNOWN	28.97	550	J
25.	UNKNOWN ALIP. HYDROCARBON	30.66	410	J
26.	UNKNOWN ALIP. HYDROCARBON	32.79	540	J
27.	UNKNOWN	32.97	530	J
[illegible]	UNKNOWN	36.54	330	J
29.	UNKNOWN	36.56	340	J

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

X114

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: YVONNE SAUGET TRUST
Lab Code: Case No.: SAS No.: SDG No.: 84
Matrix (Soil): Lab Sample ID: B218698
Level (Low/Med): Date Received: 12/10/92
% Solids: 79.0

Concentration Units (mg/kg dry weight):

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	3540			P	
7440-36-0	Antimony	10.7	U	N	P	R
7440-38-2	Arsenic	1.5		N	FM	J
7440-39-3	Barium	64.4			P	
7440-41-7	Beryllium	0.25	B		P	
7440-43-9	Cadmium	0.92	U		P	
7440-70-2	Calcium	24300			P	
7440-47-3	Chromium	7.8			P	
7440-48-4	Cobalt	2.8	B		P	
7440-50-8	Copper	7.9			P	
7439-89-6	Iron	6360			P	
7439-92-1	Lead	16.1		S	FM	
7439-95-4	Magnesium	3380			P	
7439-96-5	Manganese	82		N	P	J
7439-97-6	Mercury	0.02	B		AV	
7440-02-2	Nickel	9.5			P	
7440-09-7	Potassium	833	B		P	
7782-49-2	Selenium	0.12	U	W,N	FM	J
7440-22-4	Silver	0.92	U		P	
7440-23-5	Sodium	358	~~B~~ U		P	
7440-28-0	Thallium	0.12	U		FM	
7440-62-2	Vanadium	10.8			P	
7440-66-6	Zinc	45.0			P	
	Cyanide	1.0	U		AS	
					AS	

Color Before: Gray Clarity Before: Opaque Texture: Medium
Color After: Colorless Clarity After: Clear Artifacts:
Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X115

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227864

Sample wt/vol: 5.0 (g/mL) G Lab File ID: A1211BK10

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: not dec. 12 Date Analyzed: 12/11/92

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

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

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

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X115

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227864

Sample wt/vol: 30.1 (g/mL) G Lab File ID: C0113W05

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: 12 decanted: (Y/N) N Date Extracted: 12/18/92

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/13/93

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)Ether	370	U
95-57-8	2-Chlorophenol	370	U
541-73-1	1,3-Dichlorobenzene	370	U
106-46-7	1,4-Dichlorobenzene	370	U
95-50-1	1,2-Dichlorobenzene	370	U
95-48-7	2-Methylphenol	370	U
108-60-1	2,2'-oxybis(1-Chloropropane)	370	U
106-44-5	4-Methylphenol	370	U
621-64-7	N-Nitroso-Di-n-Propylamine	370	U
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
78-59-1	Isophorone	370	U
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U
111-91-1	bis(2-Chloroethoxy)Methane	370	U
120-83-2	2,4-Dichlorophenol	370	U
120-82-1	1,2,4-Trichlorobenzene	370	U
91-20-3	Naphthalene	370	U
106-47-8	4-Chloroaniline	370	UJ
87-68-3	Hexachlorobutadiene	370	U
59-50-7	4-Chloro-3-Methylphenol	370	U
91-57-6	2-Methylnaphthalene	370	U
77-47-4	Hexachlorocyclopentadiene	370	U
88-06-2	2,4,6-Trichlorophenol	370	U
95-95-4	2,4,5-Trichlorophenol	910	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	910	U
131-11-3	Dimethylphthalate	370	U
208-96-8	Acenaphthylene	370	U
606-20-2	2,6-Dinitrotoluene	370	U
99-09-2	3-Nitroaniline	910	~~U~~R
83-32-9	Acenaphthene	370	U

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1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X115

Lab Name: ILLINOIS EPA Contract: 1630000000

L Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227864

Sample wt/vol: 30.1 (g/mL) G Lab File ID: C0113W05

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: 12 decanted: (Y/N) N Date Extracted: 12/18/92

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/13/93

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q	
51-28-5	2,4-Dinitrophenol	910	U	
100-02-7	4-Nitrophenol	910	U	
132-64-9	Dibenzofuran	370	U	
121-14-2	2,4-Dinitrotoluene	370	U	
84-66-2	Diethylphthalate	370	U	
7005-72-3	4-Chlorophenyl-phenylether	370	U	
86-73-7	Fluorene	370	U	
100-10-6	4-Nitroaniline	910	~~U~~ R	am
534-52-1	4,6-Dinitro-2-methylphenol	910	U	
86-30-6	N-Nitrosodiphenylamine (1)	370	U	
101-55-3	4-Bromophenyl-phenylether	370	U	
118-74-1	Hexachlorobenzene	370	U	
87-86-5	Pentachlorophenol	910	U	
85-01-8	Phenanthrene	370	U	
120-12-7	Anthracene	370	U	
86-74-8	Carbazole	370	U	
84-74-2	Di-n-Butylphthalate	370 ~~310~~	~~BJ~~ U	am
206-44-0	Fluoranthene	370	U	
129-00-0	Pyrene	370	U	
85-68-7	Butylbenzylphthalate	370	U	
91-94-1	3,3'-Dichlorobenzidine	370	U	
56-55-3	Benzo(a)Anthracene	370	U	
218-01-9	Chrysene	370	U	
117-81-7	bis(2-Ethylhexyl)Phthalate	370	U	
117-84-0	Di-n-Octyl Phthalate	370	U	
205-99-2	Benzo(b)Fluoranthene	370	U	
207-08-9	Benzo(k)Fluoranthene	370	U	
50-32-8	Benzo(a)Pyrene	370	U	
193-39-5	Indeno(1,2,3-cd)Pyrene	370	U	
53-70-3	Dibenz(a,h)Anthracene	370	U	
191-24-2	Benzo(g,h,i)Perylene	370	U	

(1) - Cannot be separated from Diphenylamine

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X115

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227864

Sample wt/vol: 30.2 (g/mL) G Lab File ID: _____

% Moisture: 12 decanted: (Y/N) N Date Received: 12/10/92

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/17/92

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 01/~~14~~ 20/93 am 1/13/93

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
----------	alpha-BHC	1.9	U
319-85-7	beta-BHC	1.9	U
319-86-8	delta-BHC	1.9	U
----------	gamma-BHC (Lindane)	1.9	UJ
----------	Heptachlor	1.9	U
----------	Aldrin	1.9	U
1024-57-3	Heptachlor epoxide	1.9	U
----------	Endosulfan I	1.9	U
----------	Dieldrin	3.7	U
72-55-9	4,4'-DDE	3.7	U
----------	Endrin	3.7	U
33213-65-9	Endosulfan II	3.7	U
----------	4,4'-DDD	3.7	U
1031-07-8	Endosulfan sulfate	3.7	U
----------	4,4'-DDT	3.7	U
----------	Methoxychlor	19	U
53494-70-5	Endrin ketone	3.7	UJ
----------	Endrin aldehyde	3.7	U
5103-71-9	alpha-Chlordane	1.9	U
5103-74-2	gamma-Chlordane	1.9	U
8001-35-2	Toxaphene	190	U
12674-11-2	Aroclor-1016	37	U
11104-28-2	Aroclor-1221	76	U
11141-16-5	Aroclor-1232	37	U
53469-21-9	Aroclor-1242	37	U
12672-29-6	Aroclor-1248	37	U
11097-69-1	Aroclor-1254	37	U
11096-82-5	Aroclor-1260	37	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X115

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227864

Sample wt/vol: 5.0 (g/mL) G Lab File ID: A1211BK10

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: not dec. 12 Date Analyzed: 12/11/92

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X115

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227864

Sample wt/vol: 30.1 (g/mL) G Lab File ID: C0113W05

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: 12 decanted: (Y/N) N Date Extracted: 12/18/92

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/13/93

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

Number TICs found: 20

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q	
1.	UNKNOWN	6.88	5700	~~BJ~~ U	am
2.	UNKNOWN ALIP. HYDROCARBON	7.23	540	J	
3.	UNKNOWN KETONE	7.63	80000	~~BAJ~~ U	am
4.	UNKNOWN	7.78	1200	J	
5.	UNKNOWN ALIP. HYDROCARBON	7.93	910	~~BJ~~ U	am
6.	UNKNOWN ALIP. HYDROCARBON	8.10	770	~~BJ~~ U	am
7. 822-67-3	2-CYCLOHEXEN-1-OL	8.45	120	JN	
8. 79-34-5	ETHANE, 1,1,2,2-TETRACHLORO-	8.99	220	~~JNB~~ U	am
9.	UNKNOWN	9.05	2600	~~BJ~~ U	am
10.	UNKNOWN	9.39	320	J	
11.	UNKNOWN KETONE	9.69	1400	~~BAJ~~ U	am
12.	UNKNOWN KETONE	9.90	260	~~BAJ~~ U	am
13.	UNKNOWN	11.75	5600	J	
14.	UNKNOWN KETONE	13.79	310	J	
15.	UNKNOWN ALIP. ACID	23.95	180	J	
16.	UNKNOWN	24.40	170	~~BJ~~ U	am
17.	UNKNOWN ALIP. ACID ESTER	28.17	180	~~BJ~~ U	am
18.	UNKNOWN ALIP. HYDROCARBON	28.99	100	J	
19.	UNKNOWN ALIP. HYDROCARBON	30.66	210	J	
20.	UNKNOWN ALIP. HYDROCARBON	32.77	720	J	

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

X115

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: YVONNE SAUGET TRUST
Lab Code: Case No.: SAS No.: SDG No.: 84
Matrix (Soil): Lab Sample ID: B218699
Level (Low/Med): Date Received: 12/10/92
% Solids: 87.8

Concentration Units (mg/kg dry weight):

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	6570			P	
7440-36-0	Antimony	12.9	U	N	P	R
7440-38-2	Arsenic	5.8		S,N	FM	J
7440-39-3	Barium	185			P	
7440-41-7	Beryllium	0.48	B		P	
7440-43-9	Cadmium	1.1	U		P	
7440-70-2	Calcium	16400			P	
7440-47-3	Chromium	10.5			P	
7440-48-4	Cobalt	4.8			P	
7440-50-8	Copper	9.6			P	
7439-89-6	Iron	11500			P	
7439-92-1	Lead	8.5			FM	
7439-95-4	Magnesium	6560			P	
7439-96-5	Manganese	279		N	P	J
7439-97-6	Mercury	0.02	U		AV	
7440-02-2	Nickel	15.7			P	
7440-09-7	Potassium	1470			P	
7782-49-2	Selenium	0.11	U	W,N	FM	J
7440-22-4	Silver	1.1	U		P	
7440-23-5	Sodium	387	~~R~~ U		P	
7440-28-0	Thallium	0.11	U		FM	
7440-62-2	Vanadium	19.1			P	
7440-66-6	Zinc	38.9			P	
	Cyanide	0.95	U		AS	
					AS	

Color Before: Brown Clarity Before: Opaque Texture: Fine
Color After: Colorless Clarity After: Clear Artifacts:
Comments:

1A
VOLATILE ORGANICS ANALYSIS DAT SHEET

EPA SAMPLE NO.

X116

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227865

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B1211LC09

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: not dec. 24 Date Analyzed: 12/11/92

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q	
74-87-3	Chloromethane	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	13 ~~B~~	~~B~~ U	am
67-64-1	Acetone	94	~~B~~ U	am
75-15-0	Carbon Disulfide	13	U	
75-35-4	1,1-Dichloroethene	13	U	
75-34-3	1,1-Dichloroethane	13	U	
540-59-0	1,2-Dichloroethene (total)	13	U	
67-66-3	Chloroform	13	U	
107-06-2	1,2-Dichloroethane	13	U	
78-93-3	2-Butanone	22	~~B~~ U	am
71-55-6	1,1,1-Trichloroethane	13	U	
56-23-5	Carbon Tetrachloride	13	U	
75-27-4	Bromodichloromethane	13	U	
78-87-5	1,2-Dichloropropane	13	U	
10061-01-5	cis-1,3-Dichloropropene	13	U	
79-01-6	Trichloroethene	13	U	
124-48-1	Dibromochloromethane	13	U	
79-00-5	1,1,2-Trichloroethane	13	U	
71-43-2	Benzene	13	U	
10061-02-6	trans-1,3-Dichloropropene	13	U	
75-25-2	Bromoform	13	U	
108-10-1	4-Methyl-2-Pentanone	13	U	
591-78-6	2-Hexanone	13	U	
127-18-4	Tetrachloroethene	13	U	
79-34-5	1,1,2,2-Tetrachloroethane	13	U	
108-88-3	Toluene	13	U	
108-90-7	Chlorobenzene	13	U	
100-41-4	Ethylbenzene	13	U	
100-42-5	Styrene	13	U	
1330-20-7	Xylene (total)	13	U	

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X116

I Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227865

Sample wt/vol: 30.5 (g/mL) G Lab File ID: C0113W09

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: 24 decanted: (Y/N) N Date Extracted: 12/18/92

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/13/93

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	430	U
111-44-4	bis(2-Chloroethyl)Ether	430	U
95-57-8	2-Chlorophenol	430	U
541-73-1	1,3-Dichlorobenzene	430	U
106-46-7	1,4-Dichlorobenzene	430	U
95-50-1	1,2-Dichlorobenzene	430	U
95-48-7	2-Methylphenol	430	U
108-60-1	2,2'-oxybis(1-Chloropropane)	430	U
106-44-5	4-Methylphenol	430	U
621-64-7	N-Nitroso-Di-n-Propylamine	430	U
67-72-1	Hexachloroethane	430	U
98-95-3	Nitrobenzene	430	U
78-59-1	Isophorone	430	U
88-75-5	2-Nitrophenol	430	U
105-67-9	2,4-Dimethylphenol	430	U
111-91-1	bis(2-Chloroethoxy)Methane	430	U
120-83-2	2,4-Dichlorophenol	430	U
120-82-1	1,2,4-Trichlorobenzene	430	U
91-20-3	Naphthalene	430	U
106-47-8	4-Chloroaniline	430	UJ
87-68-3	Hexachlorobutadiene	430	U
59-50-7	4-Chloro-3-Methylphenol	430	U
91-57-6	2-Methylnaphthalene	430	U
77-47-4	Hexachlorocyclopentadiene	430	U
88-06-2	2,4,6-Trichlorophenol	430	U
95-95-4	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	430	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	430	U
208-96-8	Acenaphthylene	430	U
606-20-2	2,6-Dinitrotoluene	430	U
99-09-2	3-Nitroaniline	1000	~~U~~R
83-32-9	Acenaphthene	430	U

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X116

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227865

Sample wt/vol: 30.5 (g/mL) G Lab File ID: C0113W09

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: 24 decanted: (Y/N) N Date Extracted: 12/18/92

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/13/93

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q	
51-28-5	2,4-Dinitrophenol	1000	U	
100-02-7	4-Nitrophenol	1000	U	
132-64-9	Dibenzofuran	430	U	
121-14-2	2,4-Dinitrotoluene	430	U	
84-66-2	Diethylphthalate	430	U	
7005-72-3	4-Chlorophenyl-phenylether	430	U	
86-73-7	Fluorene	430	U	
100-10-6	4-Nitroaniline	1000	~~U~~ R	am
534-52-1	4,6-Dinitro-2-methylphenol	1000	U	
86-30-6	N-Nitrosodiphenylamine (1)	430	U	
101-55-3	4-Bromophenyl-phenylether	430	U	
118-74-1	Hexachlorobenzene	430	U	
87-86-5	Pentachlorophenol	1000	U	
85-01-8	Phenanthrene	430	U	
120-12-7	Anthracene	430	U	
86-74-8	Carbazole	430	U	
84-74-2	Di-n-Butylphthalate	430 ~~340~~	~~BJ~~ U	am
206-44-0	Fluoranthene	430	U	
129-00-0	Pyrene	430	U	
85-68-7	Butylbenzylphthalate	430	U	
91-94-1	3,3'-Dichlorobenzidine	430	U	
56-55-3	Benzo(a)Anthracene	430	U	
218-01-9	Chrysene	430	U	
117-81-7	bis(2-Ethylhexyl)Phthalate	430	U	
117-84-0	Di-n-Octyl Phthalate	430	U	
205-99-2	Benzo(b)Fluoranthene	430	U	
207-08-9	Benzo(k)Fluoranthene	430	U	
50-32-8	Benzo(a)Pyrene	430	U	
193-39-5	Indeno(1,2,3-cd)Pyrene	430	U	
53-70-3	Dibenz(a,h)Anthracene	430	U	
191-24-2	Benzo(g,h,i)Perylene	430	U	

(1) - Cannot be separated from Diphenylamine

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X116

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227865

Sample wt/vol: 30.2 (g/mL) G Lab File ID: _____

% Moisture: 24 decanted: (Y/N) N Date Received: 12/10/92

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/17/92

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 01/~~14~~ 20/93 3/13/93

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
----------	alpha-BHC	2.2	U
319-85-7--------	beta-BHC	2.2	U
319-86-8--------	delta-BHC	2.2	U
----------	gamma-BHC (Lindane)	2.2	UJ
----------	Heptachlor	2.2	U
----------	Aldrin	2.2	U
1024-57-3-------	Heptachlor epoxide	2.2	U
----------	Endosulfan I	2.2	U
----------	Dieldrin	6.5	PJ
72-55-9---------	4,4'-DDE	38	PJ
----------	Endrin	4.3	U
33213-65-9------	Endosulfan II	15	P
----------	4,4'-DDD	4.3	U
1031-07-8-------	Endosulfan sulfate	4.3	U
----------	4,4'-DDT	70	PJ
----------	Methoxychlor	22	U
53494-70-5------	Endrin ketone	4.3	UJ
----------	Endrin aldehyde	4.3	U
5103-71-9-------	alpha-Chlordane	2.2	U
5103-74-2-------	gamma-Chlordane	0.48	JP
8001-35-2-------	Toxaphene	220	U
12674-11-2------	Aroclor-1016	43	U
11104-28-2------	Aroclor-1221	88	U
11141-16-5------	Aroclor-1232	43	U
53469-21-9------	Aroclor-1242	39	JP
12672-29-6------	Aroclor-1248	43	U
11097-69-1------	Aroclor-1254	220	P
11096-82-5------	Aroclor-1260	350	P

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X116

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227865

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B1211LC09

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: not dec. 24 Date Analyzed: 12/11/92

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X116

Lab Name: ILLINOIS EPA Contract: 1630000000

Lab Code: SPFLD Case No.: YVONNE SAS No.: _____ SDG No.: 227858

Matrix: (soil/water) SOIL Lab Sample ID: D227865

Sample wt/vol: 30.5 (g/mL) G Lab File ID: C0113W09

Level: (low/med) LOW Date Received: 12/10/92

% Moisture: 24 decanted: (Y/N) N Date Extracted: 12/18/92

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/13/93

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

Number TICs found: 28

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q	
1.	UNKNOWN	6.93	7000	~~BJ~~ U	am
.	UNKNOWN ALIP. HYDROCARBON	7.23	560	J	
3.	UNKNOWN KETONE	7.68	80000	~~BAJ~~ U	am
4.	UNKNOWN	7.78	1900	~~BJ~~	am
5.	UNKNOWN ALIP. HYDROCARBON	7.93	1000	~~BJ~~ U	am
6.	UNKNOWN ALIP. HYDROCARBON	8.10	820	J	
7.	UNKNOWN ALIPHATIC ALCOHOL	8.45	180	J	
8.	UNKNOWN	8.92	240	J	
9. 79-34-5	ETHANE, 1,1,2,2-TETRACHLORO-	8.99	300	~~JNB~~ U	am
10.	UNKNOWN	9.07	3100	~~BJ~~ U	am
11.	UNKNOWN KETONE	9.40	440	~~BAJ~~ U	am
12.	UNKNOWN KETONE	9.70	1200	~~BAJ~~ U	am
13.	UNKNOWN KETONE	9.90	330	~~BAJ~~ U	am
14.	UNKNOWN	10.89	760	J	
15.	UNKNOWN	11.75	6300	J	
16.	UNKNOWN	13.79	710	J	
17.	UNKNOWN	23.85	100	J	
18.	UNKNOWN ALIP. ACID	23.94	520	J	
19.	UNKNOWN	24.40	100	~~BJ~~ U	am
20.	UNKNOWN ALIP. HYDROCARBON	27.24	97	J	
21.	UNKNOWN ALIP. ACID ESTER	28.16	250	~~BJ~~ U	am
22.	UNKNOWN ALIP. HYDROCARBON	28.97	150	J	
23.	UNKNOWN ALIP. HYDROCARBON	29.81	97	J	
24.	UNKNOWN ALIP. HYDROCARBON	30.66	320	J	
25.	UNKNOWN	32.11	190	J	
26.	UNKNOWN ALIP. HYDROCARBON	32.76	1200	J	
.	UNK. CHLORINATED BIPHENYL	33.62	200	J	
28.	UNKNOWN ALIP. HYDROCARBON	35.74	1100	J	

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

X116

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: YVONNE SAUGET TRUST
Lab Code: Case No.: SAS No.: SDG No.: 84
Matrix (Soil): Lab Sample ID: B218700
Level (Low/Med): Date Received: 12/10/92
% Solids: 77.0

Concentration Units (mg/kg dry weight):

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	16800			P	
7440-36-0	Antimony	14.2	U	N	P	R
7440-38-2	Arsenic	6.7		S,N	FM	J
7440-39-3	Barium	251			P	
7440-41-7	Beryllium	1.2	B		P	
7440-43-9	Cadmium	2.4			P	
7440-70-2	Calcium	8160			P	
7440-47-3	Chromium	21.4			P	
7440-48-4	Cobalt	11.2	B		P	
7440-50-8	Copper	38.3			P	
7439-89-6	Iron	25300			P	
7439-92-1	Lead	81.4		S	FM	
7439-95-4	Magnesium	5380			P	
7439-96-5	Manganese	519		N	P	J
7439-97-6	Mercury	0.07	B		AV	
7440-02-2	Nickel	25.3			P	
7440-09-7	Potassium	2770			P	
7782-49-2	Selenium	0.17	B	W,N	FM	J
7440-22-4	Silver	1.2	U		P	
7440-23-5	Sodium	368	~~B~~ U		P	
7440-28-0	Thallium	0.21	B		FM	
7440-62-2	Vanadium	29.8			P	
7440-66-6	Zinc	221			P	
	Cyanide	1.1	U		AS	
					AS	

Color Before: Brown Clarity Before: Opaque Texture: Fine
Color After: Green Clarity After: Clear Artifacts:
Comments:

B000016