L111035003/McHenry County
Catty H. D. Corporation
ILD 180012585

CERCLA
Screening Site Inspection Analytical Results

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

8/20/97

EPA Region 5 Records Ctr.
300747

Confidential Material May be Enclosed

APPENDIX F

CHEMICAL ANALYSIS OF IEPA COLLECTED SAMPLES

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

MEMORANDUM

DATE: June 6, 1990

TO: Tim Murphy

FROM: Ron Turpin & Jim Shaw Bob Staber for

SUBJECT: Review of Catty H.D. Corp.

The Division of Laboratories Quality Assurance Section has reviewed the above referenced data package. The package is for 3 water samples and 6 soil samples for Target Compound List (TCL) organics and inorganics. The samples were collected on Apr. 26, 1990 and analyzed at the IEPA laboratories in Springfield (organics) and Champaign (inorganics). The results are valid as qualified on the attached Form I.

If you have any questions, please give us a call.

cc: John Hurley
Karl Reed
Tom Crause
Bob Staber

RECEIVED
JUN - 7 1990
IEPA/DLPC

IEPA - CLP
CHAIN OF CUSTODY

D080422

Seal #: 5795

Date Sealed: 4/24/90 By: AWW

Facility Name: CATTX H.D. CORP.
Region: MAYWOOD
County: McHENRY

Site Inventory #: 1110355003
Site Billing Code: SA-06
Project Manager: TIM MURPHY

LABORATORY #	SAMPLE I.D.	SAMPLE DATE	SAMPLE TIME
	trip Blank	~~1:50p~~ 4-25-90	1:50p

Sample Appearance:

Collector Comments:

Sampler Signature: Timothy J. Murphy Division/Company IEPA

CONTAINER				ANALYSIS	FILTERING		
No.	Code	Size	Pres		(Y/N)	Date	Time
2	8	40ml		TRIP BLANK	N	4-25-90	1:50

CHAIN OF CUSTODY CHRONICLE

I certify that I received the sample shipping container with the shipping container sealed and intact.

Opened by (print): Tim Murphy Signature: Timothy J. Murphy

Date: 4-25-90 Time: 1:40p Seal #: 0005795 Intact?: (Y) / N

I certify that the sample listed above was collected and placed in bottles in my presence, that each bottle was placed intact in the sample shipping container and that I sealed the sample shipping container at the date and time listed below.

Sealed by (print): Tim Murphy Signature: Timothy J. Murphy

Date: 4-25-90 Time: 2:00p Seal #: 0005796

Courier - sample pickup: Federal Express

D080421

Seal 5795

Date Sealed 4/24/90 By AWW

Site Inventory # [illegible]
Site Billing Code 20-05
Project Manager TIM MURPHY

LABORATORY #

G 502 4-25-90 1:50p

clear
Well #6
Timothy J. Murphy IEPA

CONTAINER				ANALYSIS		
No.	Code	Size	Pres		(Y	
2	G	40ml		VOA	N	4-25-90 1:50p
2	G	80oz		BNA	N	4-25-90 1:50p
2	G	80oz		PEST/PCB	N	4-25-90 1:50p

Tim Murphy Timothy J. Murphy
4-25-90 1:40p 0005795 0

Tim Murphy Timothy J. Murphy
4-25-90 2:00p 0005796
Federal Express

Date: 5799

D080420

Task Begun: 4/24/90 AWV

Facility:

Name: [illegible]

Site Inventory #: [illegible]

Region: MAY [illegible]

Site Billing Code: EA-05

County: MC [illegible]

Project Manager: TIM MURPHY

LABORATORY	NAME & TID	DATE	TIME
[redacted]	G501	4-25-90	1:00p

clear

Well #4

Timothy J. Murphy

IEPA

CONTAINER No	Code	Size	Pres	ANALYSIS	CY	
12	19	40ml		VOA	N	4-25-90 1:00p
12	9	8Ooz		BNA	N	4-25-90 1:00p
12	19	80oz		PEST/PCB	N	4-25-90 1:00p

CHAIN OF CUSTODY RECORD

Tim Murphy — Timothy J. Murphy

4-25-90 — 12:40p — 0005799

Tim Murphy — Timothy J. Murphy

4-25-90 — 1:20p — 0005800

Federal Express

[redacted]

D080419

5785

4/24/90 AWW

Site Inventory #
Site Billing Code: 53-05
Project Manager: TIM MURPHY

Req on: MAYWOOD
County: MC HENRY

LABORATORY #

X 107 4-25-90 12:30p

moist brown sandy silt w/ pebbles
4'-5' depth

Timothy J. Murphy IEPA

CONTAINER				ANALYSIS		
No.	Code	Size	Pres		(Y/	
2	12	2oz		VOA	N	4-25-90 12:30p
1	5	32oz		BNA, PEST/PCB	N	4-25-90 12:30p

Tim Murphy Timothy J. Murphy
4-25-90 12:20p 0005785

Tim Murphy Timothy J. Murphy
4-25-90 7:00p 0005786
Federal Express

D030418

Seal # 5785

Date Sealed: 4/24/90 By: AWW

Site Name: [illegible] Site Inventory #: [illegible]
Region: [illegible] Site Billing Code: FA-05
County: [illegible] Project Manager: TIM MURPHY

LABORATORY #

X105 4-25-90 5:30p

Yellow-brown clay silt w/ trace sand

20' S. of metal bldg., 6' E. of fence 3.5' - 4.0'

Timothy J. Murphy IEPA

CONTAINER No.	Code	Size	Pres	ANALYSIS	(Y)		
2	12	2oz		VOA	N	4-25-90	5:30p
1	5	32oz		BNA, PEST/PCB	N	4-25-90	5:30p

Tim Murphy Timothy J. Murphy

4-25-90 12:20p 00057805

Tim Murphy Timothy J. Murphy

4-25-90 7:00p 0005786

Federal Express

[illegible] Sample Delivery: [illegible]

[illegible] received the sample shipment [illegible] listed [illegible]

D080417

Seq # 5785

CHAIN OF CUSTODY

Date Sealed: 4/24/90 By AW

Facility
Name: CATTI [illegible] CORP.
Region: MAYWOOD
County: MC HENRY

Site Inventory #: 1110380008
Site Billing Code: SA-05
Project Manager: TIM MURPHY

[redacted]

X104 ~~X10~~ 4-25-90 4:15p
brown sandy silt turning to black green clay
west side of drum storage pad 4'-5'
Timothy J. Murphy IEPA

CONTAINER				ANALYSIS		
No.	Code	Size	Pres		CY.	
2	12	2oz		VOA	N	4-25-90 4:15p
1	5	32oz		BNA, PEST/PCB	N	4-25-90 4:15p

CHAIN OF CUSTODY RECORD

Sealed: Tim Murphy Timothy J. Murphy
Date 4-25-90 Time 12:20p 0005785 O

Sealed: Tim Murphy Timothy J. Murphy
Date 4-25-90 Time 7:00p 0005786
Federal Express

[redacted]

IEPA - SLP
CHAIN OF CUSTODY

Sheet # 5785

D080416

Date Sealed: 4/24/90 By: AWW

Name: CATTY F D CORP
Region: MAYWOOD
County: MC HENRY

Site Inventory #: 1110355000
Site Billing Code: S4-06
Project Manager: TIM MURPHY

[redacted]

X 10 3 4-25-90 2:50p
moist brown sandy silt w/pebbles
South side of drum storage area at angle 3'-3.5'
Timothy J Murphy IEPA

CONTAINER				ANALYSIS		
No.	Code	Size	Pres		(Y/	
2	VE	2oz		VOA	N	4-25-90 2:50p
1	SE	32oz		BNA, PEST/PCB	N	4-25-90 2:50p

Tim Murphy Timothy J. Murphy
4-25-90 12:20p 0005785

Tim Murphy Timothy J. Murphy
4-25-90 7:00p 0005786
Federal Express

[redacted]

D080415

Seal # 5785

Date Sealed: 4/24/90 AWW

Name: CATTY
Region: MARWOOD
County: MC HENRY

Site Inventory #: 1110285107
Site Billing Code: 89-05
Project Manager: TIM MURPHY

LABORATORY #

X102 4-25-90 3:30p

brown greenish black sandy clay
E. side of drum storage pad 4'-6'
Timothy J. Murphy IEPA

CONTAINER				ANALYSIS		
No.	Code	Size	Pres		(Y/N)	
2	12	2oz		VOA	N	4-25-90 3:30p
	13	32oz		BNA, PEST/PCB	N	4-25-90 3:20p

Tim Murphy Timothy J. Murphy
4-25-90 12:20p 0005785 6

Tim Murphy Timothy J. Murphy
4-25-90 7:00p 0005786
Federal Express

Courier — sample delivery: [illegible]

I certify I received the sample shipping container from the carrier listed above with the shipping [illegible] seal intact and [illegible]

Date 4-26-90 Time [illegible] Seal #: [illegible]

D080414

IEPA - C.L.
CHAIN OF CUSTODY

Seal #: 5785

Date Sealed: 4/24/90 By: AWW

Facility
Name: CATTY H. S. CORP.
Region: MAYWOOD
County: MC HENRY

Site Inventory #: 1110355003
Site Billing Code: SA-05
Project Manager: TIM MURPHY

[redacted] X101 4-25-90 5:00p

black green silty clay w/ trace sand
N. side of drum storage pad 3'-4'

Timothy J. Murphy IEPA

CONTAINER				ANALYSIS		
No.	Code	Size	Pres		(Y	
2	12	2oz		VOA	N	4-25-90 5:00p
1	5	32oz		BNA, PEST/PCB	N	4-25-90 5:00p

Tim Murphy Timothy J. Murphy
4-25-90 12:20p 0005785 O

Tim Murphy Timothy J. Murphy
4-25-90 7:00p 0005786
Federal Express

[redacted]

U.S. EPA - CLP

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: Illinois Champaign Lab Contract: CARRY HD CORP

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: 25

SOW No.: 7/87 Rev. 12/87

EPA Sample No.	Lab Sample ID.
G501	B006079*
G502	B006080
X101	B006081*
X102	B006082
X103	B006083
X104	B006084
X105	B006085
X107	B006086

Were ICP interelement corrections applied? Yes/No ___

Were ICP background corrections applied? Yes/No ___

If yes-were raw data generated before application of background corrections? Yes/No ___

Comments:

Release of the data contained in this hardcopy data package ~~and in the computer-readable data submitted on floppy diskette~~ has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Lab Manager: _____

Date; _____

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

G501

Lab Name: Illinois EPA Champaign Lab Contract: CATTY HD CORP

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: 25

Matrix (soil/water): _____ Lab Sample ID: B006079

Level (low/med): _____ Date Received: 04/26/90

% Solids: _____

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	120	U		P
7440-36-0	Antimony	1.7	U	S	F
7440-38-2	Arsenic	1.0	B		F
7440-39-3	Barium	1.7 U	B		P
7440-41-7	Beryllium	0.5	U		P
7440-43-9	Cadmium	2.2	U		P
7440-70-2	Calcium	128000			P
7440-47-3	Chromium	6 U	B		P
7440-48-4	Cobalt	2.4	U		P
7440-50-8	Copper	2.6	B		P
7439-89-6	Iron	1980			P
7439-92-1	Lead	2	B	S,N	F U
7439-95-4	Magnesium	57900			P
7439-96-5	Manganese	80			P
7439-97-6	Mercury	0.11	U		AV
7440-02-0	Nickel	9.9	U		P
7440-09-7	Potassium	2310	B		P
7782-49-2	Selenium	1.2	U	S	F
7440-22-4	Silver	1.8	U		P
7440-23-5	Sodium	12700			P
7440-28-0	Thallium	0.8 U	B		F
7440-62-2	Vanadium	2.2	U		P
7440-66-6	Zinc	5.2	U		P
	Cyanide	10	U		AS
	Sulfide	1000	U		T
	Sulfate	145000			AS

Color Before: Colorless Clarity Before: Clear Texture: _____

Color After: Colorless Clarity After: Clear Artifacts: _____

Comments:

Sulfide SW846 Methodology
Sulfate IEPA Methodology

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

G502

Lab Name: Illinois EPA Champaign Lab Contract: CATTY HD CORP

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: 25

Matrix (soil/water): _____ Lab Sample ID: B006080

Level (low/med): _____ Date Received: 4/26/90

% Solids: _____

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	110	U		P
7440-36-0	Antimony	1.7	U	S	F
7440-38-2	Arsenic	12			F
7440-39-3	Barium	201			P
7440-41-7	Beryllium	0.5	U		P
7440-43-9	Cadmium	2.2	U		P
7440-70-2	Calcium	69500			P
7440-47-3	Chromium	2.8 U	~~B~~		P
7440-48-4	Cobalt	2.4	U		P
7440-50-8	Copper	2.4	U	E	P
7439-89-6	Iron	2300			P
7439-92-1	Lead	1.0	U	N	F J
7439-95-4	Magnesium	39000			P
7439-96-5	Manganese	18			P
7439-97-6	Mercury	0.11	U		AV
7440-02-0	Nickel	9.9	U		P
7440-09-7	Potassium	780	U		P
7782-49-2	Selenium	1.2	U	W	F
7440-22-4	Silver	1.8	U		P
7440-23-5	Sodium	11000			P
7440-28-0	Thallium	1.0 U	~~B~~		F
7440-62-2	Vanadium	2.2	U		P
7440-66-6	Zinc	5.2	U		P
	Cyanide	10	U		AS
	Sulfide	1000	U		T
	Sulfate	10000	U		AS

Color Before: Colorless Clarity Before: Clear Texture: _____

Color After: Colorless Clarity After: Clear Artifacts: _____

Comments:

Sulfide SW846 Methodology
Sulfate IEPA Methodology

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

X101

Lab Name: Illinois EPA Champaign Lab Contract: CATTY HD CORP

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: 25

Matrix (soil/water): _____ Lab Sample ID: B006081

Level (low/med): _____ Date Received: 04/26/90

% Solids: 71.5

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	8260			P	
7440-36-0	Antimony	0.9	B	N	F	R
7440-38-2	Arsenic	12		S,N	F	J
7440-39-3	Barium	107			P	
7440-41-7	Beryllium	0.8	B		P	
7440-43-9	Cadmium	0.9	B		P	
7440-70-2	Calcium	12600		*	P	
7440-47-3	Chromium	13			P	
7440-48-4	Cobalt	6.1	B		P	
7440-50-8	Copper	35		E	P	J
7439-89-6	Iron	12700			P	
7439-92-1	Lead	118			F	
7439-95-4	Magnesium	6440		*	P	
7439-96-5	Manganese	260			P	
7439-97-6	Mercury	0.4			AS	
7440-02-0	Nickel	15			P	
7440-09-7	Potassium	780 U	B		P	
7782-49-2	Selenium	0.3	U	S	F	
7440-22-4	Silver	0.5	U		P	J
7440-23-5	Sodium	99	B		P	J
7440-28-0	Thallium	0.2	B		F	
7440-62-2	Vanadium	20			P	
7440-66-6	Zinc	330		N,*	P	J
	Cyanide	1.2	U		AS	

Color Before: Black Clarity Before: Opaque Texture: Fine

Color After: Green Clarity After: Clear Artifacts: _____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

X102

Lab Name: Illinois EPA Champaign Lab Contract: CATTY HD CORP

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: 25

Matrix (soil/water): _____ Lab Sample ID: B006082

Level (low/med): _____ Date Received: 4/26/90

% Solids: 79.9

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	5590			P	
7440-36-0	Antimony	0.3	U	N	F	R
7440-38-2	Arsenic	2.1		S,N	F	J
7440-39-3	Barium	49			P	
7440-41-7	Beryllium	0.5	B		P	
7440-43-9	Cadmium	0.4	U		P	
7440-70-2	Calcium	19000		*	P	
7440-47-3	Chromium	9.1			P	
7440-48-4	Cobalt	4.4	B		P	
7440-50-8	Copper	127		E	P	J
7439-89-6	Iron	10600			P	
7439-92-1	Lead	20			F	
7439-95-4	Magnesium	11200		*	P	
7439-96-5	Manganese	210			P	
7439-97-6	Mercury	0.02	U		AS	
7440-02-0	Nickel	9.5			P	
7440-09-7	Potassium	470 U	~~B~~		P	
7782-49-2	Selenium	0.3	B	S	F	
7440-22-4	Silver	0.3	U		P	J
7440-23-5	Sodium	36	B		P	J
7440-28-0	Thallium	0.1	B		F	
7440-62-2	Vanadium	19			P	
7440-66-6	Zinc	33		N,*	P	J
	Cyanide	1.0	U		AS	

Color Before: Brown Clarity Before: Opaque Texture: Fine

Color After: Colorless Clarity After: Clear Artifacts: _____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

X103

Lab Name: Illinois EPA Champaign Lab Contract: CATTY HD CORP

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: 25

Matrix (soil/water): _____ Lab Sample ID: B006083

Level (low/med): _____ Date Received: 4/26/90

% Solids: 84.7

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	5240			P	
7440-36-0	Antimony	0.3	U	N	F	R
7440-38-2	Arsenic	4.7		N	F	J
7440-39-3	Barium	46			P	
7440-41-7	Beryllium	0.4	B		P	
7440-43-9	Cadmium	0.5	B		P	
7440-70-2	Calcium	51800		*	P	
7440-47-3	Chromium	11			P	
7440-48-4	Cobalt	3.8	B		P	
7440-50-8	Copper	12		E	P	J
7439-89-6	Iron	12500			P	
7439-92-1	Lead	6.0		S	F	
7439-95-4	Magnesium	31100		*	P	
7439-96-5	Manganese	410			P	
7439-97-6	Mercury	0.02	U		AS	
7440-02-0	Nickel	11			P	
7440-09-7	Potassium	530 U	B		P	
7782-49-2	Selenium	0.2	U	S	F	
7440-22-4	Silver	0.3	U		P	J
7440-23-5	Sodium	46	B		P	J
7440-28-0	Thallium	0.1	B		F	
7440-62-2	Vanadium	18			P	
7440-66-6	Zinc	23		N,*	P	J
	Cyanide	1.0	U		AS	

Color Before: Lt. Brown Clarity Before: Opaque Texture: Fine

Color After: Colorless Clarity After: Clear Artifacts: _____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

X104

Lab Name: Illinois EPA Champaign Lab Contract: CATTY HD CORP

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: 25

Matrix (soil/water): _____ Lab Sample ID: B006084

Level (low/med): _____ Date Received: 4/26/90

% Solids: 77.9

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	9400			P	
7440-36-0	Antimony	0.4	U	N	F	R
7440-38-2	Arsenic	2.1		S,N	F	J
7440-39-3	Barium	78			P	
7440-41-7	Beryllium	0.8	B		P	
7440-43-9	Cadmium	0.4	U		P	
7440-70-2	Calcium	2300		*	P	
7440-47-3	Chromium	13			P	
7440-48-4	Cobalt	4			P	
7440-50-8	Copper	17		E	P	J
7439-89-6	Iron	14200			P	
7439-92-1	Lead	36		S	F	
7439-95-4	Magnesium	4500		*	P	
7439-96-5	Manganese	155			P	
7439-97-6	Mercury	0.11			AS	
7440-02-0	Nickel	12			P	
7440-09-7	Potassium	560	~~B~~ U		P	
7782-49-2	Selenium	0.2	U	S	F	
7440-22-4	Silver	0.4	U		P	J
7440-23-5	Sodium	72	B		P	J
7440-28-0	Thallium	0.3	B		F	
7440-62-2	Vanadium	23			P	
7440-66-6	Zinc	61		N,*	P	J
	Cyanide	1.1	U		AS	

Color Before: Black Clarity Before: Opaque Texture: Fine

Color After: Colorless Clarity After: Clear Artifacts: _____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

X105

Lab Name: Illinois EPA Champaign Lab Contract: CATTY HD CORP

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: 25

Matrix (soil/water): _____ Lab Sample ID: B006085

Level (low/med): _____ Date Received: 4/26/90

% Solids: 85.0

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	7800			P	
7440-36-0	Antimony	0.3	U	N	F	R
7440-38-2	Arsenic	2.1	B	S,N	F	J
7440-39-3	Barium	71			P	
7440-41-7	Beryllium	0.6	B		P	
7440-43-9	Cadmium	0.4	U		P	
7440-70-2	Calcium	10400		*	P	
7440-47-3	Chromium	13			P	
7440-48-4	Cobalt	6	B		P	
7440-50-8	Copper	16		E	P	J
7439-89-6	Iron	17500			P	
7439-92-1	Lead	4.5			F	
7439-95-4	Magnesium	7900		*	P	
7439-96-5	Manganese	490			P	
7439-97-6	Mercury	0.02	U		AS	
7440-02-0	Nickel	17			P	
7440-09-7	Potassium	800 U	~~B~~		P	
7782-49-2	Selenium	0.2	U	S	F	
7440-22-4	Silver	0.4	U		P	J
7440-23-5	Sodium	38	B		P	J
7440-28-0	Thallium	0.3	B		F	
7440-62-2	Vanadium	22			P	
7440-66-6	Zinc	34		N,*	P	J
	Cyanide	1.5	U		AS	

Color Before: Yellow Clarity Before: Opaque Texture: Fine

Color After: Colorless Clarity After: Clear Artifacts: _____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

X107

Lab Name: Illinois EPA Champaign Lab Contract: CATTY HD CORP

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: 25

Matrix (soil/water): _____ Lab Sample ID: B006086

Level (low/med): _____ Date Received: 4/26/90

% Solids: 88.5

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	4700			P	
7440-36-0	Antimony	0.3	U	N	F	R
7440-38-2	Arsenic	2.8		S,N	F	J
7440-39-3	Barium	27	B		P	
7440-41-7	Beryllium	0.4	B		P	
7440-43-9	Cadmium	0.4	U		P	
7440-70-2	Calcium	90200		*	P	
7440-47-3	Chromium	9.1			P	
7440-48-4	Cobalt	2.8	B		P	J
7440-50-8	Copper	11		E	P	J
7439-89-6	Iron	9300			P	
7439-92-1	Lead	4.3			F	
7439-95-4	Magnesium	29200		*	P	
7439-96-5	Manganese	178			P	
7439-97-6	Mercury	0.02	U		AS	
7440-02-0	Nickel	8.7			P	
7440-09-7	Potassium	350 U	B		P	
7782-49-2	Selenium	0.2	U	S	F	
7440-22-4	Silver	0.4	U		P	J
7440-23-5	Sodium	33	B		P	J
7440-28-0	Thallium	0.2	B		F	
7440-62-2	Vanadium	13			P	
7440-66-6	Zinc	72		N,*	P	J
	Cyanide	0.9	U		AS	

Color Before: Yellow Clarity Before: Opaque Texture: Fine

Color After: Colorless Clarity After: Clear Artifacts: _____

Comments:

FORM I - IN 7/87

Rev. IFB Amendment One

U.S. EPA - CLP

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Illinois EPA Champaign Lab Contract: CATTY HD CORP

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: 25

Initial Calibration Source: SPEX

Continuing Calibration Source: SPEX

Concentration Units: ug/L WATER

Analyte	Initial Calibration True	Initial Calibration Found	Initial Calibration %R(1)	Continuing Calibration True	Continuing Calibration Found	Continuing Calibration %R(1)	Continuing Calibration Found	Continuing Calibration %R(1)	M
Aluminum	10000	9959	100	10000	10030	100	10150	101	P
Antimony	60	57.2	95	60	58.2	97	59	98	F
Arsenic	40	43	108	40	42.3	106	38.8	97	F
Barium	10000	10320	103	10000	10390	104	10410	104	P
Beryllium	250	247	99	250	250	100	252	101	P
Cadmium	250	230	92	250	234	94	234	94	P
Calcium	250000	255600	102	250000	259300	104	261100	104	P
Chromium	500	488	98	500	496	99	498	100	P
Cobalt	2500	2524	101	2500	2559	102	2579	103	P
Copper	1250	1234	99	1250	1246	100	1254	100	P
Iron	5000	4679	93	5000	4719	94	4758	95	P
Lead	20	20.8	104	20	20.1	100	19.8	99	F
Magnesium	250000	256600	103	250000	260100	104	261900	105	P
Manganese	750	684	91	750	691	92	696	93	P
Mercury	1.4	1.52	108	1.4	1.42	101	1.33	95	AV
Nickel	2000	1913	96	2000	1942	97	1961	98	P
Potassium	250000	250300	100	250000	250700	100	251600	101	P
Selenium	20	20.3	102	20	18.9	94	18.2	91	F
Silver	500	465	93	500	468	94	472	94	P
Sodium	250000	251800	101	250000	253000	101	253900	102	P
Thallium	40	40	100	40	39.2	98	40.1	100	F
Vanadium	2500	2455	98	2500	2490	100	2521	101	P
Zinc	1000	941	94	1000	975	98	951	95	P
Cyanide	100	100	100	100	100	100	100	100	AS
Sulfide	10000	10000	100	10000					T
Sulfate	105000	103900	99	105000	104300	99	103700	99	AS

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Illinois EPA Champaign Lab Contract: CATTY HD CORP

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: 25

Initial Calibration Source: SPEX

Continuing Calibration Source: SPEX

Concentration Units: ug/L WATER

Analyte	Initial Calibration True	Initial Calibration Found	Initial Calibration %R(1)	Continuing Calibration True	Continuing Calibration Found	Continuing Calibration %R(1)	Continuing Calibration Found	Continuing Calibration %R(1)	M
Aluminum	10000			10000					P
Antimony	60			60	54.5	91			F
Arsenic	40			40					F
Barium	10000			10000					P
Beryllium	250			250					P
Cadmium	250			250					P
Calcium	250000			250000					P
Chromium	500			500					P
Cobalt	2500			2500					P
Copper	1250			1250					P
Iron	5000			5000					P
Lead	20			20					F
Magnesium	250000			250000					P
Manganese	750			750					P
Mercury	1.4			1.4	1.45	103	1.43	102	AV
Nickel	2000			2000					P
Potassium	250000			250000					P
Selenium	20			20	18.5	92			F
Silver	500			500					P
Sodium	250000			250000					P
Thallium	40			40	41	102			F
Vanadium	2500			2500					P
Zinc	1000			1000					P
Cyanide	100			100					AS
Sulfide	10000			10000					T
Sulfate	105000			105000					AS

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X101

Lab Name: ILLINOIS EPA Contract: 1110355002

Lab Code: SPFLD Case No.: DATTY SAS No.: _____ SDG No.: D08041

Matrix: (soil/water) SOIL Lab Sample ID: 0080414

Sample wt/vol: 30.9 (g/mL) G Lab File ID: MAY17GK01

Level: (low/med) LOW Date Received: 04/26/90

% Moisture: not dec. 23 dec. ____ Date Extracted: 04/30/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 05/17/90

GPC Cleanup: (Y/N) Y pH: 6.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/KG	Q
108-95-2	Phenol	830	U
111-44-4	bis(2-Chloroethyl)Ether	830	U
95-57-8	2-Chlorophenol	830	U
541-73-1	1,3-Dichlorobenzene	830	U
106-46-7	1,4-Dichlorobenzene	830	U
100-51-6	Benzyl Alcohol	830	U
95-50-1	1,2-Dichlorobenzene	830	U
95-48-7	2-Methylphenol	830	U
39638-32-9	bis(2-Chloroisopropyl)Ether	830	U
106-44-5	4-Methylphenol	830	U
621-64-7	N-Nitroso-Di-n-Propylamine	830	U
67-72-1	Hexachloroethane	830	U
98-95-3	Nitrobenzene	830	U
78-59-1	Isophorone	830	U
88-75-5	2-Nitrophenol	830	U
105-67-9	2,4-Dimethylphenol	830	U
65-85-0	Benzoic Acid	4000	U
111-91-1	bis(2-Chloroethoxy)Methane	830	U
120-83-2	2,4-Dichlorophenol	830	U
120-82-1	1,2,4-Trichlorobenzene	830	U
91-20-3	Naphthalene	1100	
106-47-8	4-Chloroaniline	830	U
87-68-3	Hexachlorobutadiene	830	U
59-50-7	4-Chloro-3-Methylphenol	830	U
91-57-6	2-Methylnaphthalene	1600	
77-47-4	Hexachlorocyclopentadiene	830	U
88-06-2	2,4,6-Trichlorophenol	830	U
95-95-4	2,4,5-Trichlorophenol	4000	U
91-58-7	2-Chloronaphthalene	830	U
88-74-4	2-Nitroaniline	4000	U
131-11-3	Dimethyl Phthalate	830	U
208-96-8	Acenaphthylene	830	U
606-20-2	2,6-Dinitrotoluene	830	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X101

b Name: ILLINOIS EPA Contract: 1110355003

Lab Code: SPFLD Case No.: CATTY SAS No.: _____ SDG No.: D08041

Matrix: (soil/water) SOIL Lab Sample ID: D080414

Sample wt/vol: 30.9 (g/mL) G Lab File ID: MAY17SK01

Level: (low/med) LOW Date Received: 04/26/90

% Moisture: not dec. 23 dec. ____ Date Extracted: 04/30/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 05/17/90

GPC Cleanup: (Y/N) Y pH: 6.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	4000	U
83-32-9	Acenaphthene	830	U
51-28-5	2,4-Dinitrophenol	4000	U
100-02-7	4-Nitrophenol	4000	U
132-64-9	Dibenzofuran	830	U
121-14-2	2,4-Dinitrotoluene	830	U
84-66-2	Diethylphthalate	830	U
7005-72-3	4-Chlorophenyl-phenylether	830	U
86-73-7	Fluorene	830	U
100-10-6	4-Nitroaniline	4000	U
534-52-1	4,6-Dinitro-2-Methylphenol	4000	U
86-30-6	N-Nitrosodiphenylamine (1)	830	U
101-55-3	4-Bromophenyl-phenylether	830	U
118-74-1	Hexachlorobenzene	830	U
87-86-5	Pentachlorophenol	3600	
85-01-8	Phenanthrene	830	U
120-12-7	Anthracene	830	U
84-74-2	Di-n-Butylphthalate	830	U
206-44-0	Fluoranthene	830	U
129-00-0	Pyrene	830	U
85-68-7	Butylbenzylphthalate	830	U
91-94-1	3,3'-Dichlorobenzidine	1700	U
56-55-3	Benzo(a)Anthracene	830	U
218-01-9	Chrysene	830	U
117-81-7	bis(2-Ethylhexyl)Phthalate	190	J
117-84-0	Di-n-Octyl Phthalate	830	U
205-99-2	Benzo(b)Fluoranthene	830	U
207-08-9	Benzo(k)Fluoranthene	830	U
50-32-8	Benzo(a)Pyrene	830	U
193-39-5	Indeno(1,2,3-cd)Pyrene	830	U
53-70-3	Dibenz(a,h)Anthracene	830	U
191-24-2	Benzo(g,h,i)Perylene	830	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

x101

b Name: ILLINOIS EPA Contract: 1110355003

Lab Code: SPFLD Case No.: CATTY SAS No.: _____ SDG No.: D08041

Matrix: (soil/water) SOIL Lab Sample ID: D080414

Sample wt/vol: 30.9 (g/mL) G Lab File ID: MAY17GK01

Level: (low/med) LOW Date Received: 04/26/90

% Moisture: not dec. 23 dec. ____ Date Extracted: 04/30/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 05/17/90

GPC Cleanup: (Y/N) Y pH: 6.0 Dilution Factor: 1.0

Number TICs found: 20

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	6.90	2100	BAJ
2.	UNKNOWN AROMATIC HYDROCARBON	9.72	1500	J
3.	UNKNOWN AROMATIC HYDROCARBON	9.85	540	J
4.	UNKNOWN AROMATIC HYDROCARBON	10.09	330	J
5.	UNKNOWN AROMATIC HYDROCARBON	10.37	1500	J
6.	UNKNOWN AROMATIC HYDROCARBON	10.49	390	J
7.	UNKNOWN AROMATIC HYDROCARBON	10.94	480	J
8.	UNKNOWN AROMATIC HYDROCARBON	11.49	1000	J
9.	UNKNOWN AROMATIC HYDROCARBON	11.57	700	J
10.	UNKNOWN AROMATIC HYDROCARBON	11.62	780	J
11.	UNKNOWN AROMATIC HYDROCARBON	11.79	350	J
12.	UNKNOWN AROMATIC HYDROCARBON	11.97	970	J
13.	UNKNOWN AROMATIC HYDROCARBON	12.67	660	J
14.	UNKNOWN AROMATIC HYDROCARBON	12.75	760	J
15.	UNKNOWN AROMATIC HYDROCARBON	13.09	590	J
16.	UNKNOWN AROMATIC HYDROCARBON	13.14	370	J
17.	UNKNOWN	13.29	1100	J
18.	UNKNOWN ALIP. HYDROCARBON	14.00	410	J
19.	UNKNOWN	14.09	560	J
20.	UNKNOWN	28.04	2100	BJ

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X102

Lab Name: ILLINOIS EPA Contract: 1110355003

Lab Code: SPFLD Case No.: CATTY SAS No.: _____ SDG No.: D08041

Matrix: (soil/water) SOIL Lab Sample ID: D080415

Sample wt/vol: 30.8 (g/mL) G Lab File ID: MAY17HK06

Level: (low/med) LOW Date Received: 04/26/90

% Moisture: not dec. 19 dec. ____ Date Extracted: 04/30/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 05/17/90

GPC Cleanup: (Y/N) Y pH: 6.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	790	U
111-44-4	bis(2-Chloroethyl)Ether	790	U
95-57-8	2-Chlorophenol	790	U
541-73-1	1,3-Dichlorobenzene	790	U
106-46-7	1,4-Dichlorobenzene	790	U
100-51-6	Benzyl Alcohol	790	U
95-50-1	1,2-Dichlorobenzene	790	U
95-48-7	2-Methylphenol	790	U
39638-32-9	bis(2-Chloroisopropyl)Ether	790	U
106-44-5	4-Methylphenol	790	U
621-64-7	N-Nitroso-Di-n-Propylamine	790	U
67-72-1	Hexachloroethane	790	U
98-95-3	Nitrobenzene	790	U
78-59-1	Isophorone	790	U
88-75-5	2-Nitrophenol	790	U
105-67-9	2,4-Dimethylphenol	790	U
65-85-0	Benzoic Acid	3900	U
111-91-1	bis(2-Chloroethoxy)Methane	790	U
120-83-2	2,4-Dichlorophenol	790	U
120-82-1	1,2,4-Trichlorobenzene	790	U
91-20-3	Naphthalene	790	U
106-47-8	4-Chloroaniline	790	U
87-68-3	Hexachlorobutadiene	790	U
59-50-7	4-Chloro-3-Methylphenol	790	U
91-57-6	2-Methylnaphthalene	790	U
77-47-4	Hexachlorocyclopentadiene	790	U
88-06-2	2,4,6-Trichlorophenol	790	U
95-95-4	2,4,5-Trichlorophenol	3900	U
91-58-7	2-Chloronaphthalene	790	U
88-74-4	2-Nitroaniline	3900	U
131-11-3	Dimethyl Phthalate	790	U
208-96-8	Acenaphthylene	790	U
606-20-2	2,6-Dinitrotoluene	790	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X102

Lab Name: ILLINOIS EPA Contract: 1110355003

Lab Code: SPFLD Case No.: CATTY SAS No.: _____ SDG No.: D08041

Matrix: (soil/water) SOIL Lab Sample ID: D080415

Sample wt/vol: 30.3 (g/mL) G Lab File ID: MAY17HK06

Level: (low/med) LOW Date Received: 04/26/90

% Moisture: not dec. 19 dec. ____ Date Extracted: 04/30/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 05/17/90

GPC Cleanup: (Y/N) Y pH: 6.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/KG	Q
99-09-2	3-Nitroaniline	3900	U
83-32-9	Acenaphthene	790	U
51-28-5	2,4-Dinitrophenol	3900	U
100-02-7	4-Nitrophenol	3900	U
132-64-9	Dibenzofuran	790	U
121-14-2	2,4-Dinitrotoluene	790	U
84-66-2	Diethylphthalate	790	U
7005-72-3	4-Chlorophenyl-phenylether	790	U
86-73-7	Fluorene	790	U
100-10-6	4-Nitroaniline	3900	U
534-52-1	4,6-Dinitro-2-Methylphenol	3900	U
86-30-6	N-Nitrosodiphenylamine (1)	790	U
101-55-3	4-Bromophenyl-phenylether	790	U
118-74-1	Hexachlorobenzene	790	U
87-86-5	Pentachlorophenol	3900	U
85-01-8	Phenanthrene	790	U
120-12-7	Anthracene	790	U
84-74-2	Di-n-Butylphthalate	790	U
206-44-0	Fluoranthene	790	U
129-00-0	Pyrene	790	U
85-68-7	Butylbenzylphthalate	790	U
91-94-1	3,3'-Dichlorobenzidine	1600	U
56-55-3	Benzo(a)Anthracene	790	U
218-01-9	Chrysene	790	U
117-81-7	bis(2-Ethylhexyl)Phthalate	400	J
117-84-0	Di-n-Octyl Phthalate	790	U
205-99-2	Benzo(b)Fluoranthene	790	U
207-08-9	Benzo(k)Fluoranthene	790	U
50-32-8	Benzo(a)Pyrene	790	U
193-39-5	Indeno(1,2,3-cd)Pyrene	790	U
53-70-3	Dibenz(a,h)Anthracene	790	U
191-24-2	Benzo(g,h,i)Perylene	790	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X102

b Name: ILLINOIS EPA Contract: 1110355003

Lab Code: SPFLD Case No.: CATTY SAS No.: _____ SDG No.: D08041

Matrix: (soil/water) SOIL Lab Sample ID: 0080415

Sample wt/vol: 30.8 (g/mL) G Lab File ID: MAY174K06

Level: (low/med) LOW Date Received: 04/26/90

% Moisture: not dec. 19 dec. ____ Date Extracted: 04/30/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 05/17/90

GPC Cleanup: (Y/N) Y pH: 6.0 Dilution Factor: 1.0

Number TICs found: 10

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	3.02	1300	BAJ
2.	UNKNOWN	6.87	1500	BAJ
3.	UNKNOWN	18.74	120	J
4.	UNKNOWN	22.37	50	J
5.	SULFUR, MOL.	25.27	550	BJ
6.	UNKNOWN	28.07	870	J
7.	PHOSPHORIC ACID, 2-ETHYLHEXY	28.51	1200	J
8.	UNKNOWN	28.62	65	J
9.	UNKNOWN ALIP. HYDROCARBON	28.99	33	BJ
10.	UNKNOWN ALIP. HYDROCARBON	31.29	73	BJ

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X103

Lab Name: ILLINOIS EPA Contract: 1110355003

Lab Code: SPFLD Case No.: CATTY SAS No.: _____ SDG No.: D08041

Matrix: (soil/water) SOIL Lab Sample ID: D080416

Sample wt/vol: 30.9 (g/mL) G Lab File ID: MAY17HK03

Level: (low/med) LOW Date Received: 04/26/90

% Moisture: not dec. 14 dec. ____ Date Extracted: 04/30/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 05/17/90

GPC Cleanup: (Y/N) Y pH: 6.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	740	U
111-44-4	bis(2-Chloroethyl)Ether	740	U
95-57-8	2-Chlorophenol	740	U
541-73-1	1,3-Dichlorobenzene	740	U
106-46-7	1,4-Dichlorobenzene	740	U
100-51-6	Benzyl Alcohol	740	U
95-50-1	1,2-Dichlorobenzene	740	U
95-48-7	2-Methylphenol	740	U
39638-32-9	bis(2-Chloroisopropyl)Ether	740	U
106-44-5	4-Methylphenol	740	U
621-64-7	N-Nitroso-Di-n-Propylamine	740	U
67-72-1	Hexachloroethane	740	U
98-95-3	Nitrobenzene	740	U
78-59-1	Isophorone	740	U
88-75-5	2-Nitrophenol	740	U
105-67-9	2,4-Dimethylphenol	740	U
65-85-0	Benzoic Acid	3600	U
111-91-1	bis(2-Chloroethoxy)Methane	740	U
120-83-2	2,4-Dichlorophenol	740	U
120-82-1	1,2,4-Trichlorobenzene	740	U
91-20-3	Naphthalene	740	U
106-47-8	4-Chloroaniline	740	U
87-68-3	Hexachlorobutadiene	740	U
59-50-7	4-Chloro-3-Methylphenol	740	U
91-57-6	2-Methylnaphthalene	740	U
77-47-4	Hexachlorocyclopentadiene	740	U
88-06-2	2,4,6-Trichlorophenol	740	U
95-95-4	2,4,5-Trichlorophenol	3600	U
91-58-7	2-Chloronaphthalene	740	U
88-74-4	2-Nitroaniline	3600	U
131-11-3	Dimethyl Phthalate	740	U
208-96-8	Acenaphthylene	740	U
606-20-2	2,6-Dinitrotoluene	740	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ILLINOIS EPA Contract: [illegible]

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

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

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

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

% Moisture: dry [illegible] Date Extracted: [illegible]

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

GPC Cleanup: (Y/N) [illegible] pH: 6.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
[illegible]	3-Nitroaniline	3600	U
[illegible]	Acenaphthene	740	U
51-28-5	2,4-Dinitrophenol	3600	U
100-02-7	4-Nitrophenol	3600	U
132-64-9	Dibenzofuran	740	U
121-14-2	2,4-Dinitrotoluene	740	U
84-66-2	Diethylphthalate	740	U
7005-72-3	4-Chlorophenyl-phenylether	740	U
86-73-7	Fluorene	740	U
100-10-6	4-Nitroaniline	3600	U
534-52-1	4,6-Dinitro-2-Methylphenol	3600	U
86-30-6	N-Nitrosodiphenylamine (1)	740	U
101-55-3	4-Bromophenyl-phenylether	740	U
118-74-1	Hexachlorobenzene	740	U
87-86-5	Pentachlorophenol	3600	U
85-01-8	Phenanthrene	740	U
120-12-7	Anthracene	740	U
84-74-2	Di-n-Butylphthalate	740	U
206-44-0	Fluoranthene	740	U
129-00-0	Pyrene	740	U
85-68-7	Butylbenzylphthalate	740	U
91-94-1	3,3'-Dichlorobenzidine	1500	U
56-55-3	Benzo(a)Anthracene	740	U
218-01-9	Chrysene	740	U
117-81-7	bis(2-Ethylhexyl)Phthalate	1400	
117-84-0	Di-n-Octyl Phthalate	740	U
205-99-2	Benzo(b)Fluoranthene	740	U
207-08-9	Benzo(k)Fluoranthene	740	U
50-32-8	Benzo(a)Pyrene	740	U
193-39-5	Indeno(1,2,3-cd)Pyrene	740	U
53-70-3	Dibenz(a,h)Anthracene	740	U
191-24-2	Benzo(g,h,i)Perylene	740	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X1DC

Lab Name: ILLINOIS EPA Contract: 1110355002

Lab Code: SPFLD Case No.: CATTY SAS No.: _____ SDG No.: 008041

Matrix: (soil/water) SOIL Lab Sample ID: 008041

Sample wt/vol: 30.9 (g/mL) G Lab File ID: MAY17H

Level: (low/med) LOW Date Received: 04/26/90

% Moisture: not dec. 14 dec. ____ Date Extracted: 04/30/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 05/17/90

GPC Cleanup: (Y/N) Y pH: 6.0 Dilution Factor: 1.0

Number TICs found: 4

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	6.90	4200	BAJ
2.	UNKNOWN	7.30	100	BAJ
3.	SULFUR, MOL.	25.21	400	J
4.	UNKNOWN	28.02	820	BJ

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X104

Lab Name: ILLINOIS EPA Contract: 1110355001

Lab Code: SFFLD Case No.: CATTY SAS No.: _____ SDG No.: D08041

Matrix: (soil/water) SOIL Lab Sample ID: D080417

Sample wt/vol: 30.0 (g/mL) G Lab File ID: MAY17HK07

Level: (low/med) LOW Date Received: 04/26/90

% Moisture: not dec. 21 dec. ____ Date Extracted: 04/30/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 05/17/90

GPC Cleanup: (Y/N) Y pH: 6.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	840	U
111-44-4	bis(2-Chloroethyl)Ether	840	U
95-57-8	2-Chlorophenol	840	U
541-73-1	1,3-Dichlorobenzene	840	U
106-46-7	1,4-Dichlorobenzene	840	U
100-51-6	Benzyl Alcohol	840	U
95-50-1	1,2-Dichlorobenzene	840	U
95-48-7	2-Methylphenol	840	U
39638-32-9	bis(2-Chloroisopropyl)Ether	840	U
106-44-5	4-Methylphenol	840	U
621-64-7	N-Nitroso-Di-n-Propylamine	840	U
67-72-1	Hexachloroethane	840	U
98-95-3	Nitrobenzene	840	U
78-59-1	Isophorone	840	U
88-75-5	2-Nitrophenol	840	U
105-67-9	2,4-Dimethylphenol	840	U
65-85-0	Benzoic Acid	4100	U
111-91-1	bis(2-Chloroethoxy)Methane	840	U
120-83-2	2,4-Dichlorophenol	840	U
120-82-1	1,2,4-Trichlorobenzene	840	U
91-20-3	Naphthalene	840	U
106-47-8	4-Chloroaniline	840	U
87-68-3	Hexachlorobutadiene	840	U
59-50-7	4-Chloro-3-Methylphenol	840	U
91-57-6	2-Methylnaphthalene	840	U
77-47-4	Hexachlorocyclopentadiene	840	U
88-06-2	2,4,6-Trichlorophenol	840	U
95-95-4	2,4,5-Trichlorophenol	4100	U
91-58-7	2-Chloronaphthalene	840	U
88-74-4	2-Nitroaniline	4100	U
131-11-3	Dimethyl Phthalate	840	U
208-96-8	Acenaphthylene	840	U
606-20-2	2,6-Dinitrotoluene	840	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X104

Lab Name: ILLINOIS EPA Contract: 1110I5500I

Lab Code: SPFLD Case No.: CATTY SAS No.: _____ SDG No.: 008041

Matrix: (soil/water) SOIL Lab Sample ID: 0080417

Sample wt/vol: 30.0 (g/mL) G Lab File ID: MAY17HK07

Level: (low/med) LOW Date Received: 04/26/90

% Moisture: not dec. 21 dec. ____ Date Extracted: 04/30/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 05/17/90

GPC Cleanup: (Y/N) Y pH: 6.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	4100	U
83-32-9	Acenaphthene	840	U
51-28-5	2,4-Dinitrophenol	4100	U
100-02-7	4-Nitrophenol	4100	U
132-64-9	Dibenzofuran	840	U
121-14-2	2,4-Dinitrotoluene	840	U
84-66-2	Diethylphthalate	840	U
7005-72-3	4-Chlorophenyl-phenylether	840	U
86-73-7	Fluorene	840	U
100-10-6	4-Nitroaniline	4100	U
534-52-1	4,6-Dinitro-2-Methylphenol	4100	U
86-30-6	N-Nitrosodiphenylamine (1)	840	U
101-55-3	4-Bromophenyl-phenylether	840	U
118-74-1	Hexachlorobenzene	840	U
87-86-5	Pentachlorophenol	4100	U
85-01-8	Phenanthrene	840	U
120-12-7	Anthracene	840	U
84-74-2	Di-n-Butylphthalate	840	U
206-44-0	Fluoranthene	840	U
129-00-0	Pyrene	840	U
85-68-7	Butylbenzylphthalate	840	U
91-94-1	3,3'-Dichlorobenzidine	1700	U
56-55-3	Benzo(a)Anthracene	840	U
218-01-9	Chrysene	840	U
117-81-7	bis(2-Ethylhexyl)Phthalate	620	J
117-84-0	Di-n-Octyl Phthalate	840	U
205-99-2	Benzo(b)Fluoranthene	840	U
207-08-9	Benzo(k)Fluoranthene	840	U
50-32-8	Benzo(a)Pyrene	840	U
193-39-5	Indeno(1,2,3-cd)Pyrene	840	U
53-70-3	Dibenz(a,h)Anthracene	840	U
191-24-2	Benzo(g,h,i)Perylene	840	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X104

Lab Name: ILLINOIS EPA Contract: 1110355003

Lab Code: SPFLD Case No.: CATTY SAS No.: _____ SDG No.: 008041

Matrix: (soil/water) SOIL Lab Sample ID: 0080417

Sample wt/vol: 30.0 (g/mL) G Lab File ID: MAY17HK07

Level: (low/med) LOW Date Received: 04/26/90

% Moisture: not dec. 21 dec. ____ Date Extracted: 04/30/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 05/17/90

GPC Cleanup: (Y/N) Y pH: 6.0 Dilution Factor: 1.0

Number TICs found: 7

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	3.02	1300	BAJ
2.	UNKNOWN	6.88	2100	BAJ
3.	UNKNOWN	16.57	34	J
4.	UNKNOWN	18.72	200	J
5.	SULFUR, MOL.	25.24	1300	J
6.	UNKNOWN	28.02	1400	BJ
7.	PHOSPHORIC ACID, 2-ETHYLHEXY	28.46	44	J

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X105

b Name: ILLINOIS EPA Contract: 1110355003

Lab Code: SPFLD Case No.: CATTY SAS No.: _____ SDG No.: D08041

Matrix: soil/water: SOIL Lab Sample ID: D080418

Sample wt/vol: 30.2 (g/mL) G Lab File ID: MAY17HK04

Level: (low/med) LOW Date Received: 04/26/90

% Moisture: not dec. 14 dec. ____ Date Extracted: 04/30/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 05/17/90

GPC Cleanup: (Y/N) Y pH: 6.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	760	U
111-44-4	bis(2-Chloroethyl)Ether	760	U
95-57-8	2-Chlorophenol	760	U
541-73-1	1,3-Dichlorobenzene	760	U
106-46-7	1,4-Dichlorobenzene	760	U
100-51-6	Benzyl Alcohol	760	U
95-50-1	1,2-Dichlorobenzene	760	U
95-48-7	2-Methylphenol	760	U
39638-32-9	bis(2-Chloroisopropyl)Ether	760	U
106-44-5	4-Methylphenol	760	U
621-64-7	N-Nitroso-Di-n-Propylamine	760	U
67-72-1	Hexachloroethane	760	U
98-95-3	Nitrobenzene	760	U
78-59-1	Isophorone	760	U
88-75-5	2-Nitrophenol	760	U
105-67-9	2,4-Dimethylphenol	760	U
65-85-0	Benzoic Acid	3700	U
111-91-1	bis(2-Chloroethoxy)Methane	760	U
120-83-2	2,4-Dichlorophenol	760	U
120-82-1	1,2,4-Trichlorobenzene	760	U
91-20-3	Naphthalene	760	U
106-47-8	4-Chloroaniline	760	U
87-68-3	Hexachlorobutadiene	760	U
59-50-7	4-Chloro-3-Methylphenol	760	U
91-57-6	2-Methylnaphthalene	760	U
77-47-4	Hexachlorocyclopentadiene	760	U
88-06-2	2,4,6-Trichlorophenol	760	U
95-95-4	2,4,5-Trichlorophenol	3700	U
91-58-7	2-Chloronaphthalene	760	U
88-74-4	2-Nitroaniline	3700	U
131-11-3	Dimethyl Phthalate	760	U
208-96-8	Acenaphthylene	760	U
606-20-2	2,6-Dinitrotoluene	760	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X105

b Name: ILLINOIS EPA Contract: 1110355003

Lab Code: SPFLD Case No.: CATTY SAS No.: _____ SDG No.: D08041

Matrix: (soil/water) SOIL Lab Sample ID: D080418

Sample wt/vol: 30.2 (g/mL) G Lab File ID: MAY17HK04

Level: (low/med) LOW Date Received: 04/26/90

% Moisture: not dec. 14 dec. ____ Date Extracted: 04/30/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 05/17/90

GPC Cleanup: (Y/N) Y pH: 6.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	3700	U
83-32-9	Acenaphthene	760	U
51-28-5	2,4-Dinitrophenol	3700	U
100-02-7	4-Nitrophenol	3700	U
132-64-9	Dibenzofuran	760	U
121-14-2	2,4-Dinitrotoluene	760	U
84-66-2	Diethylphthalate	760	U
7005-72-3	4-Chlorophenyl-phenylether	760	U
86-73-7	Fluorene	760	U
100-10-6	4-Nitroaniline	3700	U
534-52-1	4,6-Dinitro-2-Methylphenol	3700	U
86-30-6	N-Nitrosodiphenylamine (1)	760	U
101-55-3	4-Bromophenyl-phenylether	760	U
118-74-1	Hexachlorobenzene	760	U
87-86-5	Pentachlorophenol	3700	U
85-01-8	Phenanthrene	760	U
120-12-7	Anthracene	760	U
84-74-2	Di-n-Butylphthalate	760	U
206-44-0	Fluoranthene	760	U
129-00-0	Pyrene	760	U
85-68-7	Butylbenzylphthalate	760	U
91-94-1	3,3'-Dichlorobenzidine	1500	U
56-55-3	Benzo(a)Anthracene	760	U
218-01-9	Chrysene	760	U
117-81-7	bis(2-Ethylhexyl)Phthalate	760	U
117-84-0	Di-n-Octyl Phthalate	760	U
205-99-2	Benzo(b)Fluoranthene	760	U
207-08-9	Benzo(k)Fluoranthene	760	U
50-32-8	Benzo(a)Pyrene	760	U
193-39-5	Indeno(1,2,3-cd)Pyrene	760	U
53-70-3	Dibenz(a,h)Anthracene	760	U
191-24-2	Benzo(g,h,i)Perylene	760	U

1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

x105

Lab Name: ILLINOIS EPA Contract: 1110C55003

Lab Code: SFFLD Case No.: CATTY SAS No.: _____ SDG No.: D08041

Matrix: (soil/water) SOIL Lab Sample ID: D080413

Sample wt/vol: 30.2 (g/mL) G Lab File ID: MAY17HK04

Level: (low/med) LOW Date Received: 04/26/90

% Moisture: not dec. 14 dec. ____ Date Extracted: 04/30/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 05/17/90

GPC Cleanup: (Y/N) Y pH: 6.0 Dilution Factor: 1.0

Number TICs found: 3

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	6.90	2000	BAJ
2.	UNKNOWN	7.30	43	BAJ
3.	UNKNOWN	28.04	160	BJ

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X107

o Name: ILLINOIS EPA Contract: 1110355003

Lab Code: SPFLD Case No.: CATTY SAS No.: _____ SDG No.: D08041

Matrix: (soil/water) SOIL Lab Sample ID: D080419

Sample wt/vol: 30.6 (g/mL) G Lab File ID: MAY17H05

Level: (low/med) LOW Date Received: 04/26/90

% Moisture: not dec. 11 dec. ____ Date Extracted: 04/30/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 05/17/90

GPC Cleanup: (Y/N) Y pH: 6.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	730	U
111-44-4	bis(2-Chloroethyl)Ether	730	U
95-57-8	2-Chlorophenol	730	U
541-73-1	1,3-Dichlorobenzene	730	U
106-46-7	1,4-Dichlorobenzene	730	U
100-51-6	Benzyl Alcohol	730	U
95-50-1	1,2-Dichlorobenzene	730	U
95-48-7	2-Methylphenol	730	U
39638-32-9	bis(2-Chloroisopropyl)Ether	730	U
106-44-5	4-Methylphenol	730	U
621-64-7	N-Nitroso-Di-n-Propylamine	730	U
67-72-1	Hexachloroethane	730	U
98-95-3	Nitrobenzene	730	U
78-59-1	Isophorone	730	U
88-75-5	2-Nitrophenol	730	U
105-67-9	2,4-Dimethylphenol	730	U
65-85-0	Benzoic Acid	3500	U
111-91-1	bis(2-Chloroethoxy)Methane	730	U
120-83-2	2,4-Dichlorophenol	730	U
120-82-1	1,2,4-Trichlorobenzene	730	U
91-20-3	Naphthalene	730	U
106-47-8	4-Chloroaniline	730	U
87-68-3	Hexachlorobutadiene	730	U
59-50-7	4-Chloro-3-Methylphenol	730	U
91-57-6	2-Methylnaphthalene	730	U
77-47-4	Hexachlorocyclopentadiene	730	U
88-06-2	2,4,6-Trichlorophenol	730	U
95-95-4	2,4,5-Trichlorophenol	3500	U
91-58-7	2-Chloronaphthalene	730	U
88-74-4	2-Nitroaniline	3500	U
131-11-3	Dimethyl Phthalate	730	U
208-96-8	Acenaphthylene	730	U
606-20-2	2,6-Dinitrotoluene	730	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X107

b Name: ILLINOIS EPA Contract: 1110355003

Lab Code: SPFLD Case No.: CATTY SAS No.: _____ SDG No.: D08041

Matrix: (soil/water) SOIL Lab Sample ID: D080419

Sample wt/vol: 30.6 (g/mL) G Lab File ID: MAY17H05

Level: (low/med) LOW Date Received: 04/26/90

% Moisture: not dec. 11 dec. ____ Date Extracted: 04/30/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 05/17/90

GPC Cleanup: (Y/N) Y pH: 6.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/KG	Q
99-09-2	3-Nitroaniline	3500	U
83-32-9	Acenaphthene	730	U
51-28-5	2,4-Dinitrophenol	3500	U
100-02-7	4-Nitrophenol	3500	U
132-64-9	Dibenzofuran	730	U
121-14-2	2,4-Dinitrotoluene	730	U
84-66-2	Diethylphthalate	730	U
7005-72-3	4-Chlorophenyl-phenylether	730	U
86-73-7	Fluorene	730	U
100-10-6	4-Nitroaniline	3500	U
534-52-1	4,6-Dinitro-2-Methylphenol	3500	U
86-30-6	N-Nitrosodiphenylamine (1)	730	U
101-55-3	4-Bromophenyl-phenylether	730	U
118-74-1	Hexachlorobenzene	730	U
87-86-5	Pentachlorophenol	3500	U
85-01-8	Phenanthrene	730	U
120-12-7	Anthracene	730	U
84-74-2	Di-n-Butylphthalate	730	U
206-44-0	Fluoranthene	730	U
129-00-0	Pyrene	730	U
85-68-7	Butylbenzylphthalate	730	U
91-94-1	3,3'-Dichlorobenzidine	1500	U
56-55-3	Benzo(a)Anthracene	730	U
218-01-9	Chrysene	730	U
117-81-7	bis(2-Ethylhexyl)Phthalate	730	U
117-84-0	Di-n-Octyl Phthalate	730	U
205-99-2	Benzo(b)Fluoranthene	730	U
207-08-9	Benzo(k)Fluoranthene	730	U
50-32-8	Benzo(a)Pyrene	730	U
193-39-5	Indeno(1,2,3-cd)Pyrene	730	U
53-70-3	Dibenz(a,h)Anthracene	730	U
191-24-2	Benzo(g,h,i)Perylene	730	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X107

Lab Name: ILLINOIS EPA Contract: 1110355003

Lab Code: SPFLD Case No.: CATTY SAS No.: _____ SDG No.: 008041

Matrix: (soil/water) SOIL Lab Sample ID: 0080419

Sample wt/vol: 30.0 (g/mL) G Lab File ID: MAY17H005

Level: (low/med) LOW Date Received: 04/26/90

% Moisture: not dec. 11 dec. ____ Date Extracted: 04/30/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 05/17/90

GPC Cleanup: (Y/N) Y pH: 6.0 Dilution Factor: 1.0

Number TICs found: 3

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	6.92	2400	BAJ
2.	UNKNOWN	16.60	27	J
3.	UNKNOWN	28.06	230	BJ

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKSL

Name: ILLINOIS EPA Contract: 1110355003

Lab Code: SPFLD Case No.: CATTY SAS No.: _____ SDG No.: D08041

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

Sample wt/vol: 30.0 (g/mL) G Lab File ID: MAY17HK02

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

% Moisture: not dec. ____ dec. ____ Date Extracted: 4/30/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 05/17/90

GPC Cleanup: (Y/N) Y pH: 6.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	660	U
111-44-4	bis(2-Chloroethyl)Ether	660	U
95-57-8	2-Chlorophenol	660	U
541-73-1	1,3-Dichlorobenzene	660	U
106-46-7	1,4-Dichlorobenzene	660	U
100-51-6	Benzyl Alcohol	660	U
95-50-1	1,2-Dichlorobenzene	660	U
95-48-7	2-Methylphenol	660	U
39638-32-9	bis(2-Chloroisopropyl)Ether	660	U
106-44-5	4-Methylphenol	660	U
621-64-7	N-Nitroso-Di-n-Propylamine	660	U
67-72-1	Hexachloroethane	660	U
98-95-3	Nitrobenzene	660	U
78-59-1	Isophorone	660	U
88-75-5	2-Nitrophenol	660	U
105-67-9	2,4-Dimethylphenol	660	U
65-85-0	Benzoic Acid	3200	U
111-91-1	bis(2-Chloroethoxy)Methane	660	U
120-83-2	2,4-Dichlorophenol	660	U
120-82-1	1,2,4-Trichlorobenzene	660	U
91-20-3	Naphthalene	660	U
106-47-8	4-Chloroaniline	660	U
87-68-3	Hexachlorobutadiene	660	U
59-50-7	4-Chloro-3-Methylphenol	660	U
91-57-6	2-Methylnaphthalene	660	U
77-47-4	Hexachlorocyclopentadiene	660	U
88-06-2	2,4,6-Trichlorophenol	660	U
95-95-4	2,4,5-Trichlorophenol	3200	U
91-58-7	2-Chloronaphthalene	660	U
88-74-4	2-Nitroaniline	3200	U
131-11-3	Dimethyl Phthalate	660	U
208-96-8	Acenaphthylene	660	U
606-20-2	2,6-Dinitrotoluene	660	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKSL

Lab Name: ILLINOIS EPA Contract: 1110C5500C

Lab Code: SPFLD Case No.: CATTY SAS No.: _____ SDG No.: D08041

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

Sample wt/vol: 30.0 (g/mL) G Lab File ID: MAY17HK02

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

% Moisture: not dec. ____ dec. ____ Date Extracted: 4/30/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 05/17/90

GPC Cleanup: (Y/N) Y pH: 6.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/KG	Q
99-09-2	3-Nitroaniline	3200	U
83-32-9	Acenaphthene	660	U
51-28-5	2,4-Dinitrophenol	3200	U
100-02-7	4-Nitrophenol	3200	U
132-64-9	Dibenzofuran	660	U
121-14-2	2,4-Dinitrotoluene	660	U
84-66-2	Diethylphthalate	660	U
7005-72-3	4-Chlorophenyl-phenylether	660	U
86-73-7	Fluorene	660	U
100-10-6	4-Nitroaniline	3200	U
534-52-1	4,6-Dinitro-2-Methylphenol	3200	U
86-30-6	N-Nitrosodiphenylamine (1)	660	U
101-55-3	4-Bromophenyl-phenylether	660	U
118-74-1	Hexachlorobenzene	660	U
87-86-5	Pentachlorophenol	3200	U
85-01-8	Phenanthrene	660	U
120-12-7	Anthracene	660	U
84-74-2	Di-n-Butylphthalate	660	U
206-44-0	Fluoranthene	660	U
129-00-0	Pyrene	660	U J B
85-68-7	Butylbenzylphthalate	660	U J B
91-94-1	3,3'-Dichlorobenzidine	1300	U J B
56-55-3	Benzo(a)Anthracene	660	U J B
218-01-9	Chrysene	660	U J B
117-81-7	bis(2-Ethylhexyl)Phthalate	660	U J B
117-84-0	Di-n-Octyl Phthalate	660	U
205-99-2	Benzo(b)Fluoranthene	660	U
207-08-9	Benzo(k)Fluoranthene	660	U
50-32-8	Benzo(a)Pyrene	660	U
193-39-5	Indeno(1,2,3-cd)Pyrene	660	U
53-70-3	Dibenz(a,h)Anthracene	660	U
191-24-2	Benzo(g,h,i)Perylene	660	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBLKSL

Lab Name: ILLINOIS EPA Contract: 1110355003

Lab Code: SPFLD Case No.: CATTY SAS No.: _____ SDG No.: D08041

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

Sample wt/vol: 30.0 (g/mL) G Lab File ID: MAY17HK02

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

% Moisture: not dec. ____ dec. ____ Date Extracted: 4/30/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 05/17/90

GPC Cleanup: (Y/N) Y pH: 6.0 Dilution Factor: 1.0

Number TICs found: 8

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	6.90	3900	AJ
2.	UNKNOWN	7.30	73	AJ
3.	UNKNOWN	28.02	270	J
4.	UNKNOWN ALIP. HYDROCARBON	28.94	110	J
5.	UNKNOWN ALIP. HYDROCARBON	31.24	98	J
6.	UNKNOWN ALIP. HYDROCARBON	32.77	40	J
7.	UNKNOWN	33.47	98	J
8.	UNKNOWN ALIP. HYDROCARBON	39.82	380	J

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G501

b Name: ILLINOIS EPA Contract: 1110135500I

Lab Code: SPFLD Case No.: CATTY SAS No.: _____ SDG No.: D08041

Matrix: (soil/water) WATER Lab Sample ID: D080420

Sample wt/vol: 1000 (g/mL) ML Lab File ID: MAY09HK10

Level: (low/med) LOW Date Received: 04/26/90

% Moisture: not dec. ____ dec. ____ Date Extracted: 04/27/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/09/90

GPC Cleanup: (Y/N) N pH: 6.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl Alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-Chloroisopropyl)Ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
65-85-0	Benzoic Acid	50	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Nachthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	50	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G501

Lab Name: ILLINOIS EPA Contract: 1110255003

Lab Code: EPFLD Case No.: CATTY SAS No.: _____ SDG No.: 008041

Matrix: (soil/water) WATER Lab Sample ID: 9080420

Sample wt/vol: 1000 (g/mL) ML Lab File ID: MA709HK10

Level: (low/med) LOW Date Received: 04/26/90

% Moisture: not dec. ____ dec. ____ Date Extracted: 04/27/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/09/90

GPC Cleanup: (Y/N) N pH: 6.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	50	U
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-10-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-Methylphenol	50	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U J
85-68-7	Butylbenzylphthalate	10	U J
91-94-1	3,3'-Dichlorobenzidine	20	U J
56-55-3	Benzo(a)Anthracene	10	U J
218-01-9	Chrysene	10	U J
117-81-7	bis(2-Ethylhexyl)Phthalate	10	U J
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

G501

b Name: ILLINOIS EPA Contract: 1110355003

Lab Code: SPFLD Case No.: CATTY SAS No.: _____ SDG No.: D08041

Matrix: (soil/water) WATER Lab Sample ID: D080420

Sample wt/vol: 1000 (g/mL) ML Lab File ID: MAY09HK10

Level: (low/med) LOW Date Received: 04/26/90

% Moisture: not dec. ____ dec. ____ Date Extracted: 04/27/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/09/90

GPC Cleanup: (Y/N) N pH: 6.0 Dilution Factor: 1.0

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	7.05	7.9	BAJ

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G502

b Name: ILLINOIS EPA Contract: 1110355003

Lab Code: SPFLD Case No.: CATTY SAS No.: _____ SDG No.: D08041

Matrix: (soil/water) WATER Lab Sample ID: 080421

Sample wt/vol: 1000 (g/mL) ML Lab File ID: MAY09HK11

Level: (low/med) LOW Date Received: 04/26/90

% Moisture: not dec. ____ dec. ____ Date Extracted: 04/27/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/09/90

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

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

CAS NO.	COMPOUND		Q
108-95-2	Phenol	10	UJ
111-44-4	bis(2-Chloroethyl)Ether	10	UJ
95-57-8	2-Chlorophenol	10	UJ
541-73-1	1,3-Dichlorobenzene	10	UJ
106-46-7	1,4-Dichlorobenzene	10	UJ
100-51-6	Benzyl Alcohol	10	UJ
95-50-1	1,2-Dichlorobenzene	10	UJ
95-48-7	2-Methylphenol	10	UJ
39638-32-9	bis(2-Chloroisopropyl)Ether	10	UJ
106-44-5	4-Methylphenol	10	UJ
621-64-7	N-Nitroso-Di-n-Propylamine	10	UJ
67-72-1	Hexachloroethane	10	UJ
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
65-85-0	Benzoic Acid	50	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	50	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G502

Lab Name: ILLINOIS EPA Contract: 1110355003

Lab Code: SPFLD Case No.: CATTY SAS No.: _____ SDG No.: D08041

Matrix: (soil/water) WATER Lab Sample ID: D80421

Sample wt/vol: 1000 (g/mL) ML Lab File ID: MAY09HK11

Level: (low/med) LOW Date Received: 04/26/90

% Moisture: not dec. ____ dec. ____ Date Extracted: 04/27/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/09/90

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	50	U
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-10-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-Methylphenol	50	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	20	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	10	U
117-84-0	Di-n-Octyl Phthalate	10	UJ
205-99-2	Benzo(b)Fluoranthene	10	UJ
207-08-9	Benzo(k)Fluoranthene	10	UJ
50-32-8	Benzo(a)Pyrene	10	UJ
193-39-5	Indeno(1,2,3-cd)Pyrene	10	UJ
53-70-3	Dibenz(a,h)Anthracene	10	UJ
191-24-2	Benzo(g,h,i)Perylene	10	UJ

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

G502

Lab Name: ILLINOIS EPA Contract: 1110355003

Lab Code: SPFLD Case No.: CATTY SAS No.: _____ SDG No.: D08041

Matrix: (soil/water) WATER Lab Sample ID: D80421

Sample wt/vol: 1000 (g/mL) ML Lab File ID: MAY09HK11

Level: (low/med) LOW Date Received: 04/26/90

% Moisture: not dec. ____ dec. ____ Date Extracted: 04/27/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/09/90

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

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	7.07	6.5	BAJ

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKW

Lab Name: ILLINOIS EPA Contract: 1110355003

Lab Code: SPFLD Case No.: CATTY SAS No.: _____ SDG No.: D08041

Matrix: (soil/water) WATER Lab Sample ID: D080494

Sample wt/vol: 1000 (g/mL) ML Lab File ID: MAY09HK09

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

% Moisture: not dec. ____ dec. ____ Date Extracted: 04/27/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/09/90

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

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

CAS NO.	COMPOUND		Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl Alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-Chloroisopropyl)Ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
65-85-0	Benzoic Acid	50	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	50	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKW

Lab Name: ILLINOIS EPA Contract: 1110355003

Lab Code: SPFLD Case No.: CATTY SAS No.: _____ SDG No.: D08041

Matrix: (soil/water) WATER Lab Sample ID: D080494

Sample wt/vol: 1000 (g/mL) ML Lab File ID: MAY09HK09

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

% Moisture: not dec. ____ dec. ____ Date Extracted: 04/27/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/09/90

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	50	U
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-10-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-Methylphenol	50	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	20	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	10	U
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBLKW

Lab Name: ILLINOIS EPA Contract: 111DC55003

Lab Code: SPFLD Case No.: CATTY SAS No.: _____ SDG No.: D08041

Matrix: (soil/water) WATER Lab Sample ID: D080494

Sample wt/vol: 1000 (g/mL) ML Lab File ID: MAY09HK09

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

% Moisture: not dec. ____ dec. ____ Date Extracted: 04/27/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/09/90

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

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	7.05	15	AJ

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X101

Lab Name: ILLINOIS EPA Contract: 1110T55003

Lab Code: EPLIL Case No.: CATTY SAS No.: _____ SDG No.: 008041

Matrix: (soil/water) SOIL Lab Sample ID: 0080414

Sample wt/vol: 4.0 (g/mL) g Lab File ID: [illegible]

Level: (low/med) MED Date Received: 04/26/90

% Moisture: not dec. 22 Date Analyzed: [illegible]

Column: (pack/cap) WIDE Dilution Factor: 0.978

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	[illegible]	U
74-83-9	Bromomethane	1300	U
75-01-4	Vinyl Chloride	1300	U
75-00-3	Chloroethane	1300	U
75-09-2	Methylene Chloride	640 ~~[illegible]~~	~~[illegible]~~ U BR
67-64-1	Acetone	1300	U
75-15-0	Carbon Disulfide	640	U
75-35-4	1,1-Dichloroethene	640	U
75-34-3	1,1-Dichloroethane	640	U
540-59-0	1,2-Dichloroethene (total)	640	U
67-66-3	Chloroform	640	U
107-06-2	1,2-Dichloroethane	640	U
78-93-3	2-Butanone	1300 ~~[illegible]~~	~~[illegible]~~ UR BR
71-55-6	1,1,1-Trichloroethane	640	U
56-23-5	Carbon Tetrachloride	640	U
108-05-4	Vinyl Acetate	1300	U
75-27-4	Bromodichloromethane	640	U
78-87-5	1,2-Dichloropropane	640	U
10061-01-5	cis-1,3-Dichloropropene	640	U
79-01-6	Trichloroethene	640	U
124-48-1	Dibromochloromethane	640	U
79-00-5	1,1,2-Trichloroethane	640	U
71-43-2	Benzene	640	U
10061-02-6	Trans-1,3-Dichloropropene	640	U
75-25-2	Bromoform	640	U
108-10-1	4-Methyl-2-Pentanone	1300	U
591-78-6	2-Hexanone	1300	U
127-18-4	Tetrachloroethene	640	U
79-34-5	1,1,2,2-Tetrachloroethane	640	U
108-88-3	Toluene	141	J
108-90-7	Chlorobenzene	640	U
100-41-4	Ethylbenzene	290	J
100-42-5	Styrene	640	U
----------	Total Xylenes	5800	

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X101

Lab Name: ILLINOIS EPA Contract: 1112T55003

Lab Code: SPFLD Case No.: CATTY SAS No.: _____ SDG No.: D08041

Matrix: (soil/water) SOIL Lab Sample ID: D090411

Sample wt/vol: 4.0 (g/mL) G Lab File ID: B050TL007

Level: (low/med) MED Date Received: 04/26/90

% Moisture: not dec. 22 Date Analyzed: 05/07/90

Column (pack/cap) WIDE Dilution Factor: 1.79

Number TICs found: 10

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	9.10	1400	J
2.	UNKNOWN ALIP. HYDROCARBON	9.64	970	J
3.	UNKNOWN	9.95	830	J
4.	UNKNOWN ALIP. HYDROCARBON	11.50	3700	J
5.	UNKNOWN	11.90	1500	J
6.	UNKNOWN	12.45	620	J
7.	UNKNOWN	13.69	1200	J
8.	UNKNOWN	14.00	1500	J
9.	UNKNOWN	16.99	4100	J
10.	UNKNOWN	18.71	2800	J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X101RE

Lab Name: ILLINOIS EPA Contract: 1110T5500T

Lab Code: SPFLD Case No.: CATTY SAS No.: _____ SDG No.: 008041

Matrix: (soil/water) SOIL Lab Sample ID: 0080414

Sample wt/vol: 4.0 (g/mL) G Lab File ID: B0504L205

Level: (low/med) MED Date Received: 04/26/90

% Moisture: not dec. 2T Date Analyzed: 05/04/90

Column: (pack/cap) WIDE Dilution Factor: 0.99T

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	1300	U
74-83-9	Bromomethane	1300	U
75-01-4	Vinyl Chloride	1300	U
75-00-3	Chloroethane	1300	U
75-09-2	Methylene Chloride	650	U
67-64-1	Acetone	1300	U
75-15-0	Carbon Disulfide	650	U
75-35-4	1,1-Dichloroethene	650	U
75-35-3	1,1-Dichloroethane	650	U
540-59-0	1,2-Dichloroethene (total)	650	U
67-66-3	Chloroform	650	U
107-06-2	1,2-Dichloroethane	650	U
78-93-3	2-Butanone	1300 ~~[illegible]~~	~~[illegible]~~ JKR
71-55-6	1,1,1-Trichloroethane	650	U
56-23-5	Carbon Tetrachloride	650	U
108-05-4	Vinyl Acetate	1300	U
75-27-4	Bromodichloromethane	650	U
78-87-5	1,2-Dichloropropane	650	U
10061-01-5	cis-1,3-Dichloropropene	650	U
79-01-6	Trichloroethene	650	U
124-48-1	Dibromochloromethane	650	U
79-00-5	1,1,2-Trichloroethane	650	U
71-43-2	Benzene	650	U
10061-02-6	Trans-1,3-Dichloropropene	650	U
75-25-2	Bromoform	650	U
108-10-1	4-Methyl-2-Pentanone	1300	U
591-78-6	2-Hexanone	1300	U
127-18-4	Tetrachloroethene	650	U
79-34-5	1,1,2,2-Tetrachloroethane	650	U
108-88-3	Toluene	650	U
108-90-7	Chlorobenzene	650	U
100-41-4	Ethylbenzene	650	U
100-42-5	Styrene	650	U
----------	Total Xylenes	10000	

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

[illegible]

Lab Name: ILLINOIS EPA Contract: [illegible]

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

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

Sample wt/vol: 4.0 (g/mL) G Lab File ID: B0504LC05

Level: (low/med) MED Date Received: 04/26/90

% Moisture: not dec. 17 Date Analyzed: 05/04/90

Column (pack/cap) WIDE Dilution Factor: 0.997

Number TICs found: 12

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	9.02	2600	J
2.	UNKNOWN	9.87	1900	J
3.	UNKNOWN ALIP. HYDROCARBON	11.40	9800	J
4.	UNKNOWN	11.80	2500	J
5.	UNKNOWN	12.37	870	J
6.	UNKNOWN	13.60	2100	J
7.	UNKNOWN	13.90	3900	J
8.	UNKNOWN ALIP. HYDROCARBON	16.95	9000	J
9.	UNKNOWN ALIP. HYDROCARBON	18.74	14000	J
10.	UNKNOWN	19.75	2000	J

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

[illegible]

Lab Name: [illegible] Contract: [illegible]

Lab Code: [illegible] Case No.: [illegible] SAS No.: _____ SDG No.: D080041

Matrix (soil/water): SOIL Lab Sample ID: D080415

Sample wt/vol: 5.0 (g/ml) G Lab File ID: B0501LC04

Level: (low/med) LOW Date Received: 04/26/90

% Moisture: not dec. 19 Date Analyzed: 05/01/90

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	6 ~~B~~	~~B~~ U BB
67-64-1	Acetone	470	~~B~~ E BB
75-15-0	Carbon Disulfide	1	J
75-35-4	1,1-Dichloroethene	6	U
75-35-3	1,1-Dichloroethane	0.5	J
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	120	R BB
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	J
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	Trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	19	
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	2	
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	11	
100-42-5	Styrene	6	U
	Total Xylenes	140	

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X102

Lab Name: ILLINOIS EPA Contract: 1110T5500I

Lab Code: SPFLD Case No.: CATTY SAS No.: _____ SDG No.: D08041

Matrix: (soil/water) SOIL Lab Sample ID: D080415

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B0501LC04

Level: (low/med) LOW Date Received: 04/26/90

% Moisture: not dec. 19 Date Analyzed: 05/01/90

Column (pack/cap) WIDE Dilution Factor: 1.00

Number TICs found: 8

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	I
1.	TRICHLOROFLUOROMETHANE	1.45	0.69	J
2.	UNKNOWN	2.10	2.3	J
3.	UNKNOWN	9.97	15	J
4.	UNKNOWN ALIP. HYDROCARBON	11.09	25	J
5.	UNKNOWN	11.90	48	J
6.	UNKNOWN	13.69	10	J
7.	UNKNOWN	14.29	10	J
8.	UNKNOWN	15.44	[illegible]	

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

[illegible]

Lab Name: [illegible] Contract: [illegible]

Lab Code: [illegible] Case No.: [illegible] SAS No.: [illegible] SDG No.: 008041

Matrix (soil/water): [illegible] Lab Sample ID: 0080415

Sample wt/vol: [illegible] g/ml [illegible] Lab File ID: B0501LC12

Level: (low/med) LOW Date Received: 04/26/90

% Moisture: not dec. 18 Date Analyzed: 05/01/90

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	62	U
74-83-9	Bromomethane	62	U
75-01-4	Vinyl Chloride	62	U
75-00-3	Chloroethane	62	U
75-09-2	Methylene Chloride	5	~~J~~ B
67-64-1	Acetone	240	~~J~~ B
75-15-0	Carbon Disulfide	31	U
75-35-4	1,1-Dichloroethene	31	U
75-35-3	1,1-Dichloroethane	31	U
540-59-0	1,2-Dichloroethene (total)	31	U
67-66-3	Chloroform	31	U
107-06-2	1,2-Dichloroethane	31	U
78-93-3	2-Butanone	35	R
71-55-6	1,1,1-Trichloroethane	31	U
56-23-5	Carbon Tetrachloride	31	U
108-05-4	Vinyl Acetate	62	U
75-27-4	Bromodichloromethane	31	U
78-87-5	1,2-Dichloropropane	31	U
10061-01-5	cis-1,3-Dichloropropene	31	U
79-01-6	Trichloroethene	31	U
124-48-1	Dibromochloromethane	31	U
79-00-5	1,1,2-Trichloroethane	31	U
71-43-2	Benzene	31	U
10061-02-6	Trans-1,3-Dichloropropene	31	U
75-25-2	Bromoform	31	U
108-10-1	4-Methyl-2-Pentanone	62	U
591-78-6	2-Hexanone	62	U
127-18-4	Tetrachloroethene	2	J
79-34-5	1,1,2,2-Tetrachloroethane	31	U
108-88-3	Toluene	31	U
108-90-7	Chlorobenzene	31	U
100-41-4	Ethylbenzene	25	J
100-42-5	Styrene	31	U
	Total Xylenes	110	

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

(LOW)

Lab Name: ILLINOIS EPA Contract: [illegible]

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

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

Sample wt/vol: 1.0 (g/ml) G Lab File ID: [illegible]

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

% Moisture: not dec. 13 Date Analyzed: [illegible]

Column: (packed/cap) WIDE Dilution Factor: [illegible]

CONCENTRATION UNITS
(ug/l or ug/kg) UG/KG

CAS NO.	COMPOUND NAME	RT	EST. CONC.
[illegible]	[illegible]	[illegible]	[illegible]

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

(10T

Lab Name: [illegible] EPA Contract: [illegible]

Lab Code: [illegible] Case No.: [illegible] SAS No.: _____ SDG No.: D080A1

Matrix: (soil/water) SOIL Lab Sample ID: D080A16

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B0501LD06

Level: (low/med) LOW Date Received: 04/26/90

% Moisture: not dec. 14 Date Analyzed: 05/01/90

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

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

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	6 ~~[illegible]~~ ~~[illegible]~~	~~[illegible]~~ B
67-64-1	Acetone	17 ~~[illegible]~~	~~[illegible]~~ B
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-35-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	12 ~~[illegible]~~	~~[illegible]~~ R B
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	Trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	3	
100-42-5	Styrene	6	U
	Total Xylenes	[illegible]	

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

(10T

Lab Name: ILLINOIS EPA Contract: 1110T5500T

Lab Code: EPFLD Case No.: CATTY SAS No.: _____ SDG No.: 008041

Matrix: (soil/water) SOIL Lab Sample ID: 0080416

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B0501L006

Level: (low/med) LOW Date Received: 04/26/90

% Moisture: not dec. 14 Date Analyzed: 05/01/90

Column (pack/cap) WIDE Dilution Factor: 1.00

Number TICs found: 10

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	9.50	35	J
2.	UNKNOWN ALIP. HYDROCARBON	10.54	170	J
3.	UNKNOWN ALIP. HYDROCARBON	11.54	120	J
4.	UNKNOWN	12.89	11	J
5.	UNKNOWN	13.40	120	J
6.	UNKNOWN	14.04	85	J
7.	UNKNOWN ALIP. HYDROCARBON	15.17	92	J
8.	UNKNOWN	15.64	47	J
9.	UNKNOWN ALIP. HYDROCARBON	16.25	12	J
10.	UNKNOWN	16.84	47	J

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X104

Lab Name: ILLINOIS EPA Contract: 1110T550OT

Lab Code: EPFLD Case No.: CATTY SAS No.: _____ SDG No.: D08041

Matrix: (soil/water) SOIL Lab Sample ID: D080417

Sample wt/vol: 5.0 (g/mL) G Lab File ID: BC502L006

Level: (low/med) LOW Date Received: 04/24/90

% Moisture: not dec. 21 Date Analyzed: 05/02/90

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q	
74-87-3	Chloromethane	13	U	
74-83-9	Bromomethane	13	U	
75-01-4	Vinyl Chloride	13	U	
75-00-3	Chloroethane	13	U	
75-09-2	Methylene Chloride	6 ~~2~~	~~BU~~	BR
67-64-1	Acetone	110	~~2~~	BR
75-15-0	Carbon Disulfide	6	U	
75-35-4	1,1-Dichloroethene	6	U	
75-35-3	1,1-Dichloroethane	6	U	
540-59-0	1,2-Dichloroethene (total)	6	U	
67-66-3	Chloroform	6	U	
107-06-2	1,2-Dichloroethane	6	U	
78-93-3	2-Butanone	11	~~2~~R	BR
71-55-6	1,1,1-Trichloroethane	6	U	
56-23-5	Carbon Tetrachloride	6	U	
108-05-4	Vinyl Acetate	17	U	
75-27-4	Bromodichloromethane	6	U	
78-87-5	1,2-Dichloropropane	6	U	
10061-01-5	cis-1,3-Dichloropropene	6	U	
79-01-6	Trichloroethene	6	U	
124-48-1	Dibromochloromethane	6	U	
79-00-5	1,1,2-Trichloroethane	6	U	
71-43-2	Benzene	6	U	
10061-02-6	Trans-1,3-Dichloropropene	6	U	
75-25-2	Bromoform	6	U	
108-10-1	4-Methyl-2-Pentanone	17	U	
591-78-6	2-Hexanone	17	U	
127-18-4	Tetrachloroethene	6	U	
79-34-5	1,1,2,2-Tetrachloroethane	6	U	
108-88-3	Toluene	6	-	
108-90-7	Chlorobenzene	6	U	
100-41-4	Ethylbenzene	2	J	
100-42-5	Styrene	6	U	
	Total Xylenes	8		

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X104

Lab Name: ILLINOIS EPA Contract: 1110355003

Lab Code: SPFLD Case No.: CATTY SAS No.: _____ SDG No.: D08041

Matrix: (soil/water) SOIL Lab Sample ID: D080417

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B0502LC06

Level: (low/med) LOW Date Received: 04/26/90

% Moisture: not dec. 21 Date Analyzed: 05/02/90

Column (pack/cap) WIDE Dilution Factor: 1.00

Number TICs found: 10

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	11.42	200	J
2.	UNKNOWN ALIP. HYDROCARBON	11.88	110	J
3.	UNKNOWN	13.77	370	J
4.	UNKNOWN ALIP. HYDROCARBON	14.77	210	J
5.	UNKNOWN	15.17	[illegible]	
6.	UNKNOWN	15.78	12	J
7.	UNKNOWN	17.[illegible]	17	J
8.	UNKNOWN ALIP. HYDROCARBON	18.[illegible]	1[illegible]	J
9.	UNKNOWN ALIP. HYDROCARBON	19.17	[illegible]	J
10.	UNKNOWN	19.24	13	J

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X105

Lab: ILLINOIS EPA Contract: 1110T5500T

Case No.: CATTY SAS No.: _____ SDG No.: D08041

Matrix: (soil/water) SOIL Lab Sample ID: 0080413

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 80501LC10

Level: (low/med) LOW Date Received: 04/26/90

% Moisture: not dec. 14 Date Analyzed: 05/01/90

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	6 ~~[illegible]~~	~~[illegible]~~ BB
67-64-1	Acetone	70	~~B~~ BB
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	12	~~U~~ R BB
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	Trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	0.4	J
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
----------	Total Xylenes	1	J

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X105

Lab Name: ILLINOIS EPA Contract: 1110T5500I

Lab Code: SPFLD Case No.: CATTY SAS No.: _____ SDG No.: D09041

Matrix: (soil/water) SOIL Lab Sample ID: D080418

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B0501LD10

Level: (low/med) LOW Date Received: 04/26/90

% Moisture: not dec. 14 Date Analyzed: 05/01/90

Column (pack/cap) WIDE Dilution Factor: 1.00

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X107

Lab Name: ILLINOIS EPA Contract: 1110T55002

Lab Code: EPFLD Case No.: 2ATTY SAS No.: _____ SDG No.: 2080401

Matrix: (soil/water) SOIL Lab Sample ID: 2080419

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B0501L0US

Level: (low/med) LOW Date Received: 04/26/90

% Moisture: not dec. 11 Date Analyzed: 05/12/90

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	6 ~~5~~	~~BU~~ U
67-64-1	Acetone	11 ~~8~~	~~BU~~ U
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	11	~~U~~ R
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	Trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	1.7	J
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
----------	Total Xylenes	6	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X117

Lab Name: ILLINOIS EPA Contract: 111IT5003

Lab Code: SPFLD Case No.: CATTY SAS No.: _____ SDG No.: D08041

Matrix: (soil/water) SOIL Lab Sample ID: D080419

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B0502L009

Level: (low/med) LOW Date Received: 04/26/90

% Moisture: not dec. 11 Date Analyzed: 05/02/90

Column (pack/cap) WIDE Dilution Factor: 1.00

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1D

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

I501

Lab Name: ILLINOIS EPA Contract: 1110[illegible]

Lab Code: EPOLD Case No.: DATTV SAS No.: _____ SDG No.: 008041

Matrix: (soil/water) WATER Lab Sample ID: 0080420

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: B0470L007

Level: (low/med) LOW Date Received: 04/2[illegible]/90

% Moisture: not dec. ____ Date Analyzed: 04/30/90

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

3501

Lab Name: ILLINOIS EPA Contract: 1110T55003

Lab Code: SPFLD Case No.: CATTY SAS No.: _____ SDG No.: D08041

Matrix: (soil/water) WATER Lab Sample ID: D080420

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: B0470L007

Level: (low/med) LOW Date Received: 04/20/90

% Moisture: not dec. _____ Date Analyzed: 04/30/90

Column (pack/cap) WIDE Dilution Factor: 1.00

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B502

Lab Name: ILLINOIS EPA Contract: 1110T5500T

Lab Code: SPFLD Case No.: CATTY SAS No.: _____ SDG No.: 008041

Matrix: (soil/water) WATER Lab Sample ID: 0080421

Sample wt/vol: _____ (g/mL) ML Lab File ID: B0430L006

Level: (low/med) LOW Date Received: 04/26/90

% Moisture: not dec. _____ Date Analyzed: 04/30/90

Column: (pack/cap) WIDE Dilution Factor: 1

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

G502

Lab Name: ILLINOIS EPA Contract: 1110T55003

Lab Code: SPFLD Case No.: CATTY SAS No.: _____ SDG No.: 208241

Matrix: (soil/water) WATER Lab Sample ID: 0089421

Sample wt/vol: _____ (g/mL) ML Lab File ID: B0430L006

Level: (low/med) LOW Date Received: 04/26/90

% Moisture: not dec. _____ Date Analyzed: 04/30/90

Column (pack/cap) WIDE Dilution Factor: 1

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	2-PROPANOL (ACN)	2.08	7.7	J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKTB

Lab Name: ILLINOIS EPA Contract: 1110T55003

Lab Code: SPFLD Case No.: CATTY SAS No.: _____ SDG No.: D08041

Matrix: (soil/water) WATER Lab Sample ID: D080422

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: B0430LC04

Level: (low/med) LOW Date Received: 04/26/90

% Moisture: not dec. ____ Date Analyzed: 04/30/90

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

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKTB

Lab Name: ILLINOIS EPA Contract: 1110C5500C

Lab Code: EPFLD Case No.: CATTY SAS No.: _____ SDG No.: D08041

Matrix: (soil/water) WATER Lab Sample ID: D080422

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: B04C0LC04

Level: (low/med) LOW Date Received: 04/20/90

% Moisture: not dec. ____ Date Analyzed: 04/30/90

Column (pack/cap) WIDE Dilution Factor: 1.00

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKW

Lab Name: ILLINOIS EPA Contract: 1110T55007

Lab Code: EPSLD Case No.: CATTY SAS No.: _____ SDG No.: 008041

Matrix: (soil/water) WATER Lab Sample ID: 047090BLK

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: B0430L007

Level: (low/med) LOW Date Received: 04/26/90

% Moisture: not dec. ____ Date Analyzed: 04/30/90

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	0.61	J
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	~~U~~R B8
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
----------	Total Xylenes	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKW

Lab Name: ILLINOIS EPA Contract: 1111T55007

Lab Code: SPFLD Case No.: CATTY SAS No.: _____ SDG No.: D08041

Matrix: (soil/water) WATER Lab Sample ID: 9410-008L

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: S0470L003

Level: (low/med) LOW Date Received: 04/06/90

% Moisture: not dec. ____ Date Analyzed: 04/10/90

Column (packed/cap) WIDE Dilution Factor: 1.00

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKSL

Lab Name: ILLINOIS EPA Contract: 1110Z5500Z

Lab Code: SPFLD Case No.: CATTY SAS No.: _____ SDG No.: D08041

Matrix: (soil/water) SOIL Lab Sample ID: 050190BLK

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B0501LC0Z

Level: (low/med) LOW Date Received: 05/01/90

% Moisture: not dec. ____ Date Analyzed: 05/01/90

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	0.4	J
67-64-1	Acetone	4	J
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-35-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	~~UR~~
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
----------	Total Xylenes	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKSL

Lab Name: ILLINOIS EPA Contract: 1110255002

Lab Code: CRPLE Case No.: CATTY SAS No.: _____ SDG No.: D08041

Matrix: (soil/water) SOIL Lab Sample ID: 050190BLK

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B0501LC07

Level: (low/med) LOW Date Received: 05/01/90

% Moisture: not dec. _____ Date Analyzed: 05/01/90

Column (pack/cap) WIDE Dilution Factor: 1.00

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLP3L

Lab Name: ILLINOIS EPA Contract: 1110T55000T

Lab Code: EPFLD Case No.: CATTY SAS No.: _____ SDG No.: D08041

Matrix: (soil/water) SOIL Lab Sample ID: D5D290BLK

Sample wt/vol: 5.0 (g/mL) G Lab File ID: S0500L00T

Level: (low/med) LOW Date Received: 15/02/90

% Moisture: not dec. ____ Date Analyzed: 05/02/90

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/KG	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	0.4	J
67-64-1	Acetone	7	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	[illegible]	U
75-34-3	1,1-Dichloroethane	[illegible]	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	UR
71-55-6	1,1,1-Trichloroethane	[illegible]	U
56-23-5	Carbon Tetrachloride	[illegible]	U
108-05-4	Vinyl Acetate	[illegible]	U
75-27-4	Bromodichloromethane	[illegible]	U
78-87-5	1,2-Dichloropropane	[illegible]	U
10061-01-5	cis-1,3-Dichloropropene	[illegible]	U
79-01-6	Trichloroethene	[illegible]	U
124-48-1	Dibromochloromethane	[illegible]	U
79-00-5	1,1,2-Trichloroethane	[illegible]	U
71-43-2	Benzene	[illegible]	U
[illegible]	trans-1,3-Dichloropropene	[illegible]	U
[illegible]	Bromoform	[illegible]	U
[illegible]	4-Methyl-2-pentanone	[illegible]	U
[illegible]	2-Hexanone	[illegible]	U
[illegible]	Tetrachloroethene	[illegible]	U
[illegible]	1,1,2,2-Tetrachloroethane	[illegible]	U
[illegible]	Toluene	[illegible]	U
[illegible]	Chlorobenzene	[illegible]	U
[illegible]	Ethylbenzene	[illegible]	U
[illegible]	Styrene	[illegible]	U
[illegible]	Total Xylenes	[illegible]	U

1F

CLIENT SAMPLE NO.

VBLKSL

CLIENT SAMPLE VOLATILE DATA SHEET
TENTATIVE ELY IDENTIFIED COMPOUNDS

Lab Name: [illegible] Contract: [illegible]

Lab Code: [illegible] Case No.: CATTY SAS No.: _____ SDG No.: D08041

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

Sample wt/vol: 5.0 (g/mL) G Lab File ID: [illegible]

Level: (low/med) LOW Date Received: 05/02/90

% Moisture: not dec. ____ Date Analyzed: 05/03/90

Column (pack/cap) _____ Dilution Factor: 1.00

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKSM

Lab Name: ILLINOIS EPA Contract: 1110TE5007

Lab Code: EPFLD Case No.: CATTY SAS No.: _____ SDG No.: 008041

Matrix: (soil/water) SOIL Lab Sample ID: 250790BL

Sample wt/vol: _____ (g/mL) G Lab File ID: B0507L006

Level: (low/med) MED Date Received: 05/07/90

% Moisture: not dec. _____ Date Analyzed: 05/07/90

Column: (pack/cap) _____ Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/KG	Q
74-87-3	Chloromethane	1000	U
74-83-9	Bromomethane	1000	U
75-01-4	Vinyl Chloride	1000	U
75-00-3	Chloroethane	1000	U
75-09-2	Methylene Chloride	93	J
67-64-1	Acetone	1000	U
75-15-0	Carbon Disulfide	500	U
75-35-4	1,1-Dichloroethene	500	U
75-34-3	1,1-Dichloroethane	500	U
540-59-0	1,2-Dichloroethene (total)	500	U
67-66-3	Chloroform	500	U
107-06-2	1,2-Dichloroethane	500	U
78-93-3	2-Butanone	110	JR B
71-55-6	1,1,1-Trichloroethane	500	U
56-23-5	Carbon Tetrachloride	500	U
108-05-4	Vinyl Acetate	1000	U
75-27-4	Bromodichloromethane	500	U
78-87-5	1,2-Dichloropropane	500	U
10061-01-5	cis-1,3-Dichloropropene	500	U
79-01-6	Trichloroethene	500	U
124-48-1	Dibromochloromethane	500	U
79-00-5	1,1,2-Trichloroethane	500	U
71-43-2	Benzene	500	U
10061-02-6	Trans-1,3-Dichloropropene	500	U
75-25-2	Bromoform	500	U
108-10-1	4-Methyl-2-Pentanone	1000	U
591-78-6	2-Hexanone	1000	U
127-18-4	Tetrachloroethene	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U
108-88-3	Toluene	500	U
108-90-7	Chlorobenzene	500	U
100-41-4	Ethylbenzene	500	U
100-42-5	Styrene	500	U
	Total Xylenes	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKSM

Lab Name: ILLINOIS EPA Contract: 1110T5500I

Lab Code: SPFLD Case No.: CATTY SAS No.: _____ SDG No.: D08041

Matrix: (soil/water) SOIL Lab Sample ID: 250T80BLK

Sample wt/vol: _____ (g/mL) G Lab File ID: B0507L006

Level: (low/med) MED Date Received: 25/07/90

% Moisture: not dec. ____ Date Analyzed: 25/07/90

Column (pack/cap) _____ Dilution Factor: 1.0000

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

CAS NUMBER	TENTATIVE COMPOUND NAME	RT	EST. CONC.

EPA SAMPLE NO.

VOLATILE DATA SHEET

VBLK SM

Lab Name: [illegible] EPA Contract: 1110T55007

Lab Code: EPELD Case No.: CATTY SAS No.: _____ SDG No.: D08041

Matrix: (soil/water) SOIL Lab Sample ID: 950490BLK

Sample wt/vol: _____ (g/mL) G Lab File ID: B0504LC04

Level: (low/med) MED Date Received: 05/04/90

% Moisture: not dec. _____ Date Analyzed: 05/04/90

Column: (pack/cap) _____ Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	1000	U
74-83-9	Bromomethane	1000	U
75-01-4	Vinyl Chloride	1000	U
75-00-3	Chloroethane	1000	U
75-09-2	Methylene Chloride	76	J
67-64-1	Acetone	1000	U
75-15-0	Carbon Disulfide	500	U
75-35-4	1,1-Dichloroethene	500	U
75-34-3	1,1-Dichloroethane	500	U
540-59-0	1,2-Dichloroethene (total)	500	U
67-66-3	Chloroform	500	U
107-06-2	1,2-Dichloroethane	500	U
78-93-3	2-Butanone	450	~~J~~R BS
71-55-6	1,1,1-Trichloroethane	500	U
56-23-5	Carbon Tetrachloride	500	U
108-05-4	Vinyl Acetate	1000	U
75-27-4	Bromodichloromethane	500	U
78-87-5	1,2-Dichloropropane	500	U
10061-01-5	cis-1,3-Dichloropropene	500	U
79-01-6	Trichloroethene	500	U
124-48-1	Dibromochloromethane	500	U
79-00-5	1,1,2-Trichloroethane	500	U
71-43-2	Benzene	500	U
10061-02-6	Trans-1,3-Dichloropropene	500	U
75-25-2	Bromoform	500	U
108-10-1	4-Methyl-2-Pentanone	1000	U
591-78	2-Hexanone	1000	U
127-18-4	Tetrachloroethene	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U
108-88-3	Toluene	50	J
108-90-7	Chlorobenzene	500	U
100-41-4	Ethylbenzene	500	U
100-42-5	Styrene	500	U
----------	Total Xylenes	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKSM

Lab Name: ILLINOIS EPA Contract: 1110755007

Lab Code: EPELD Case No.: CATTY SAS No.: _____ SDG No.: 208041

Matrix: (soil/water) SOIL Lab Sample ID: 150490BLK

Sample wt/vol: _____ (g/mL) G Lab File ID: B0504LC04

Level: (low/med) MED Date Received: 05/04/90

% Moisture: not dec. _____ Date Analyzed: 05/04/90

Column (pack/cap) _____ Dilution Factor: 1

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

E.P.A. SAMPLE NO.

X101

Lab Name: I.E.P.A. - Springfield Contract: McHenrey-Catty

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

Matrix: (soil/water): Soil Lab Sample ID: D080414

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

Level: (low/med) low Date Received: 04-26-~~2990~~ 1990 pb

% Moisture: not dec. 23.61 dec. Date Extracted: 04-30-1990

Extraction: (SepF/Cont/Sonc) Sonc Date Analyzed: 05-25-1990

GPC Cleanup: (Y/N) Y pH: 6 Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	21	U
319-85-7	beta-BHC	21	U
319-86-8	delta-BHC	21	U
58-89-9	gamma-BHC (Lindane)	21	U
76-44-8	Heptachlor	21	U
309-00-2	Aldrin	21	U
1024-57-3	Heptachlor epoxide	21	U
959-98-8	Endosulfan I	21	U
60-57-1	Dieldrin	42	U
72-55-9	4,4'-DDE	42	U
72-20-8	Endrin	42	U
33213-65-9	Endosulfan II	42	U
72-54-8	4,4'-DDD	42	U
1031-07-8	Endosulfan sulfate	42	U
50-29-3	4,4'-DDT	42	U
72-43-5	Methoxychlor	209	U
53494-70-5	Endrin ketone	42	U
5103-71-9	alpha-Chlordane	209	U
5106-74-2	gamma-Chlordane	209	U
8001-35-2	Toxaphene	419	U
12674-11-2	Arochlor-1016	209	U
11104-28-2	Aroclor-1221	209	U
11141-16-5	Aroclor-1232	209	U
53469-21-9	Aroclor-1242	209	U
12672-29-6	Aroclor-1248	209	U
11097-69-1	Aroclor-1254	419	U
11096-82-5	Aroclor-1260	419	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

E.P.A. SAMPLE NO.

X102

Lab Name: I.E.P.A. - Springfield Contract: McHenrey-Catty

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

Matrix: (soil/water): Soil Lab Sample ID: D080415

Sample wt/vol: 30.670 (g/mL) g Lab File ID:

Level: (low/med) low Date Received: 04-26-~~2990~~ 1990 B

% Moisture: not dec. 19.85 dec. Date Extracted: 04-30-1990

Extraction: (SepF/Cont/Sonc) Sonc Date Analyzed: 05-25-1990

GPC Cleanup: (Y/N) Y pH: 6 Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	20	U
319-85-7	beta-BHC	20	U
319-86-8	delta-BHC	20	U
58-89-9	gamma-BHC (Lindane)	20	U
76-44-8	Heptachlor	20	U
309-00-2	Aldrin	20	U
1024-57-3	Heptachlor epoxide	20	U
959-98-8	Endosulfan I	20	U
60-57-1	Dieldrin	40	U
72-55-9	4,4'-DDE	40	U
72-20-8	Endrin	40	U
33213-65-9	Endosulfan II	40	U
72-54-8	4,4'-DDD	40	U
1031-07-8	Endosulfan sulfate	40	U
50-29-3	4,4'-DDT	40	U
72-43-5	Methoxychlor	200	U
53494-70-5	Endrin ketone	40	U
5103-71-9	alpha-Chlordane	200	U
5106-74-2	gamma-Chlordane	200	U
8001-35-2	Toxaphene	399	U
12674-11-2	Arochlor-1016	200	U
11104-28-2	Aroclor-1221	200	U
11141-16-5	Aroclor-1232	200	U
53469-21-9	Aroclor-1242	200	U
12672-29-6	Aroclor-1248	200	U
11097-69-1	Aroclor-1254	399	U
11096-82-5	Aroclor-1260	399	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

E.P.A. SAMPLE NO.

Lab Name: I.E.P.A. - Springfield Contract: McHenrey-Catty X103

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

Matrix: (soil/water): Soil Lab Sample ID: D080416

Sample wt/vol: 30.190 (g/mL) g Lab File ID:

Level: (low/med) low Date Received: 04-26-~~2990~~ 1990

% Moisture: not dec. 14.06 dec. Date Extracted: 04-30-1990

Extraction: (SepF/Cont/Sonc) Sonc Date Analyzed: 05-25-1990

GPC Cleanup: (Y/N) Y pH: 6 Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	19	U
319-85-7	beta-BHC	19	U
319-86-8	delta-BHC	19	U
58-89-9	gamma-BHC (Lindane)	19	U
76-44-8	Heptachlor	19	U
309-00-2	Aldrin	19	U
1024-57-3	Heptachlor epoxide	19	U
959-98-8	Endosulfan I	19	U
60-57-1	Dieldrin	37	U
72-55-9	4,4'-DDE	37	U
72-20-8	Endrin	37	U
33213-65-9	Endosulfan II	37	U
72-54-8	4,4'-DDD	37	U
1031-07-8	Endosulfan sulfate	37	U
50-29-3	4,4'-DDT	37	U
72-43-5	Methoxychlor	186	U
53494-70-5	Endrin ketone	37	U
5103-71-9	alpha-Chlordane	186	U
5106-74-2	gamma-Chlordane	186	U
8001-35-2	Toxaphene	372	U
12674-11-2	Arochlor-1016	186	U
11104-28-2	Aroclor-1221	186	U
11141-16-5	Aroclor-1232	186	U
53469-21-9	Aroclor-1242	186	U
12672-29-6	Aroclor-1248	186	U
11097-69-1	Aroclor-1254	372	U
11096-82-5	Aroclor-1260	372	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

E.P.A. SAMPLE NO.

X104

Lab Name: I.E.P.A. - Springfield Contract: McHenrey-Catty

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

Matrix: (soil/water): Soil Lab Sample ID: D080417

Sample wt/vol: 30.770 (g/mL) g Lab File ID:

Level: (low/med) low Date Received: 04-26-~~2990~~ 1990

% Moisture: not dec. 21.09 dec. Date Extracted: 04-30-1990

Extraction: (SepF/Cont/Sonc) Sonc Date Analyzed: 05-25-1990

GPC Cleanup: (Y/N) Y pH: 6 Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	20	U
319-85-7	beta-BHC	20	U
319-86-8	delta-BHC	20	U
58-89-9	gamma-BHC (Lindane)	20	U
76-44-8	Heptachlor	20	U
309-00-2	Aldrin	20	U
1024-57-3	Heptachlor epoxide	20	U
959-98-8	Endosulfan I	20	U
60-57-1	Dieldrin	41	U
72-55-9	4,4'-DDE	41	U
72-20-8	Endrin	41	U
33213-65-9	Endosulfan II	41	U
72-54-8	4,4'-DDD	41	U
1031-07-8	Endosulfan sulfate	41	U
50-29-3	4,4'-DDT	41	U
72-43-5	Methoxychlor	203	U
53494-70-5	Endrin ketone	41	U
5103-71-9	alpha-Chlordane	203	U
5106-74-2	gamma-Chlordane	203	U
8001-35-2	Toxaphene	406	U
12674-11-2	Arochlor-1016	203	U
11104-28-2	Aroclor-1221	203	U
11141-16-5	Aroclor-1232	203	U
53469-21-9	Aroclor-1242	203	U
12672-29-6	Aroclor-1248	203	U
11097-69-1	Aroclor-1254	406	U
11096-82-5	Aroclor-1260	406	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

E.P.A. SAMPLE NO.

X105

Lab Name: I.E.P.A. - Springfield Contract: McHenrey-Catty

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

Matrix: (soil/water): Soil Lab Sample ID: D080418

Sample wt/vol: 30.500 (g/mL) g Lab File ID:

Level: (low/med) low Date Received: 04-26-~~2090~~ 1990

% Moisture: not dec. 14.52 dec. Date Extracted: 04-30-1990

Extraction: (SepF/Cont/Sonc) Sonc Date Analyzed: 05-25-1990

GPC Cleanup: (Y/N) Y pH: 6 Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	19	U
319-85-7	beta-BHC	19	U
319-86-8	delta-BHC	19	U
58-89-9	gamma-BHC (Lindane)	19	U
76-44-8	Heptachlor	19	U
309-00-2	Aldrin	19	U
1024-57-3	Heptachlor epoxide	19	U
959-98-8	Endosulfan I	19	U
60-57-1	Dieldrin	37	U
72-55-9	4,4'-DDE	37	U
72-20-8	Endrin	37	U
33213-65-9	Endosulfan II	37	U
72-54-8	4,4'-DDD	37	U
1031-07-8	Endosulfan sulfate	37	U
50-29-3	4,4'-DDT	37	U
72-43-5	Methoxychlor	187	U
53494-70-5	Endrin ketone	37	U
5103-71-9	alpha-Chlordane	187	U
5106-74-2	gamma-Chlordane	187	U
8001-35-2	Toxaphene	374	U
12674-11-2	Arochlor-1016	187	U
11104-28-2	Aroclor-1221	187	U
11141-16-5	Aroclor-1232	187	U
53469-21-9	Aroclor-1242	187	U
12672-29-6	Aroclor-1248	187	U
11097-69-1	Aroclor-1254	374	U
11096-82-5	Aroclor-1260	374	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

E.P.A. SAMPLE NO.

X107

Lab Name: I.E.P.A. - Springfield Contract: McHenrey-Catty

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

Matrix: (soil/water): Soil Lab Sample ID: D080419

Sample wt/vol: 30.130 (g/mL) g Lab File ID:

Level: (low/med) low Date Received: 04-26-~~2990~~ 1990

% Moisture: not dec. 11.75 dec. Date Extracted: 04-30-1990

Extraction: (SepF/Cont/Sonc) Sonc Date Analyzed: 05-25-1990

GPC Cleanup: (Y/N) Y pH: 6 Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	18	U
319-85-7	beta-BHC	18	U
319-86-8	delta-BHC	18	U
58-89-9	gamma-BHC (Lindane)	18	U
76-44-8	Heptachlor	18	U
309-00-2	Aldrin	18	U
1024-57-3	Heptachlor epoxide	18	U
959-98-8	Endosulfan I	18	U
60-57-1	Dieldrin	36	U
72-55-9	4,4'-DDE	36	U
72-20-8	Endrin	36	U
33213-65-9	Endosulfan II	36	U
72-54-8	4,4'-DDD	36	U
1031-07-8	Endosulfan sulfate	36	U
50-29-3	4,4'-DDT	36	U
72-43-5	Methoxychlor	181	U
53494-70-5	Endrin ketone	36	U
5103-71-9	alpha-Chlordane	181	U
5106-74-2	gamma-Chlordane	181	U
8001-35-2	Toxaphene	363	U
12674-11-2	Arochlor-1016	181	U
11104-28-2	Aroclor-1221	181	U
11141-16-5	Aroclor-1232	181	U
53469-21-9	Aroclor-1242	181	U
12672-29-6	Aroclor-1248	181	U
11097-69-1	Aroclor-1254	363	U
11096-82-5	Aroclor-1260	363	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

E.P.A. SAMPLE NO.

Lab Name: I.E.P.A. - Springfield Contract: McHenrey-Catty G501

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

Matrix: (soil/water): Water Lab Sample ID: D080420

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

Level: (low/med) low Date Received: 04-26-1990

% Moisture: not dec. --- dec. --- Date Extracted: 04-27-1990

Extraction: (SepF/Cont/Sonc) SepF Date Analyzed: 05-25-1990

GPC Cleanup: (Y/N) N pH: 7 Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC	0.05	U
319-86-8	delta-BHC	0.05	U
58-89-9	gamma-BHC (Lindane)	0.05	U
76-44-8	Heptachlor	0.05	U
309-00-2	Aldrin	0.05	U
1024-57-3	Heptachlor epoxide	0.05	U
959-98-8	Endosulfan I	0.05	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
5103-71-9	alpha-Chlordane	0.50	U
5106-74-2	gamma-Chlordane	0.50	U
8001-35-2	Toxaphene	1.00	U
12674-11-2	Arochlor-1016	0.50	U
11104-28-2	Aroclor-1221	0.50	U
11141-16-5	Aroclor-1232	0.50	U
53469-21-9	Aroclor-1242	0.50	U
12672-29-6	Aroclor-1248	0.50	U
11097-69-1	Aroclor-1254	1.00	U
11096-82-5	Aroclor-1260	1.00	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

E.P.A. SAMPLE NO.

G502

Lab Name: I.E.P.A. - Springfield Contract: McHenrey-Catty

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

Matrix: (soil/water): Water Lab Sample ID: D080421

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

Level: (low/med) low Date Received: 04-26-1990

% Moisture: not dec. --- dec. --- Date Extracted: 04-27-1990

Extraction: (SepF/Cont/Sonc) SepF Date Analyzed: 05-25-1990

GPC Cleanup: (Y/N) N pH: 6 Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC	0.05	U
319-86-8	delta-BHC	0.05	U
58-89-9	gamma-BHC (Lindane)	0.05	U
76-44-8	Heptachlor	0.05	U
309-00-2	Aldrin	0.05	U
1024-57-3	Heptachlor epoxide	0.05	U
959-98-8	Endosulfan I	0.05	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
5103-71-9	alpha-Chlordane	0.50	U
5106-74-2	gamma-Chlordane	0.50	U
8001-35-2	Toxaphene	1.00	U
12674-11-2	Arochlor-1016	0.50	U
11104-28-2	Aroclor-1221	0.50	U
11141-16-5	Aroclor-1232	0.50	U
53469-21-9	Aroclor-1242	0.50	U
12672-29-6	Aroclor-1248	0.50	U
11097-69-1	Aroclor-1254	1.00	U
11096-82-5	Aroclor-1260	1.00	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

E.P.A. SAMPLE NO.

D080501BL

Lab Name: I.E.P.A. - Springfield Contract: McHenrey-Catty

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

Matrix: (soil/water): Soil Lab Sample ID: D080501BL

Sample wt/vol: 30.130 (g/mL) g Lab File ID:

Level: (low/med) low Date Received: 04-26-~~2990~~ 1990 BB

% Moisture: not dec. 0.00 dec. Date Extracted: 04-30-1990

Extraction: (SepF/Cont/Sonc) Sonc Date Analyzed: 05-25-1990

GPC Cleanup: (Y/N) Y pH: - Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	16	U
319-85-7	beta-BHC	16	U
319-86-8	delta-BHC	16	U
58-89-9	gamma-BHC (Lindane)	16	U
76-44-8	Heptachlor	16	U
309-00-2	Aldrin	16	U
1024-57-3	Heptachlor epoxide	16	U
959-98-8	Endosulfan I	16	U
60-57-1	Dieldrin	32	U
72-55-9	4,4'-DDE	32	U
72-20-8	Endrin	32	U
33213-65-9	Endosulfan II	32	U
72-54-8	4,4'-DDD	32	U
1031-07-8	Endosulfan sulfate	32	U
50-29-3	4,4'-DDT	32	U
72-43-5	Methoxychlor	160	U
53494-70-5	Endrin ketone	32	U
5103-71-9	alpha-Chlordane	160	U
5106-74-2	gamma-Chlordane	160	U
8001-35-2	Toxaphene	320	U
12674-11-2	Arochlor-1016	160	U
11104-28-2	Aroclor-1221	160	U
11141-16-5	Aroclor-1232	160	U
53469-21-9	Aroclor-1242	160	U
12672-29-6	Aroclor-1248	160	U
11097-69-1	Aroclor-1254	320	U
11096-82-5	Aroclor-1260	320	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

E.P.A. SAMPLE NO.

D080492BL

Lab Name: I.E.P.A. - Springfield Contract: McHenrey-Catty

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

Matrix: (soil/water): Water Lab Sample ID: D080492BL

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

Level: (low/med) low Date Received: 04-26-1990

% Moisture: not dec. --- dec. --- Date Extracted: 04-27-1990

Extraction: (SepF/Cont/Sonc) SepF Date Analyzed: 05-25-1990

GPC Cleanup: (Y/N) N pH: - Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC	0.05	U
319-86-8	delta-BHC	0.05	U
58-89-9	gamma-BHC (Lindane)	0.05	U
76-44-8	Heptachlor	0.05	U
309-00-2	Aldrin	0.05	U
1024-57-3	Heptachlor epoxide	0.05	U
959-98-8	Endosulfan I	0.05	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
5103-71-9	alpha-Chlordane	0.50	U
5106-74-2	gamma-Chlordane	0.50	U
8001-35-2	Toxaphene	1.00	U
12674-11-2	Arochlor-1016	0.50	U
11104-28-2	Aroclor-1221	0.50	U
11141-16-5	Aroclor-1232	0.50	U
53469-21-9	Aroclor-1242	0.50	U
12672-29-6	Aroclor-1248	0.50	U
11097-69-1	Aroclor-1254	1.00	U
11096-82-5	Aroclor-1260	1.00	U