L0310965069--Cook County
Interlake Property
ILD000810432
Volume 2 of 2

CERCLA
Screening Site Inspection Analytical Results

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

EPA Region 5 Records Ctr.
343436

RELEASED
DATE 9/12/96
RIN # 2324
INITIALS Q.P.

Confidential Material May be Enclosed

L0310965069--Cook County
Interlake Property
ILD000810432
Volume 2 of 2

Volume 1
in
Atec
WP

CERCLA
Screening Site Inspection Analytical Results

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

Confidential Material May be Enclosed

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

MEMORANDUM

DATE: September 21, 1989

TO: Tim Murphy

FROM: Ron Turpin & Jim Shaw

SUBJECT: Review of Data Package
Cook County/Interlake Property

The Division of Laboratories Quality Assurance Section has reviewed the above referenced data package. The package is for 8 soil samples, 7 water samples and 1 trip blank for Target Compound List (TCL) Organics and Inorganics. The results are valid as qualified on the attached Forms I.

attachments

cc: John Hurley
Karl Reed
Tom Crause
Bob Staber

APPENDIX I

ANALYTICAL RESULTS FROM IEPA COLLECTED SAMPLES

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

MEMORANDUM

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FROM: Ron Turpin & Jim Shaw

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attachments

cc: John Hurley
Karl Reed
Tom Crause
Bob Staber

JUL 19 1989

IEPA - CLP
CHAIN OF CUSTODY

D074312

Seal #: 5159
Date Sealed: 7/18/89 By: AWW

Facility
Name : INTETLAKE PROPERTY
Region: MAYWOOD
County: COOK

Site Inventory # : 0316000025
Site Billing Code: SA-06
Project Manager : TIM MURPHY

LABORATORY #	SAMPLE I.D.	SAMPLE DATE	SAMPLE TIME
D074312	G-101	7-19-89	1:50p

Sample Appearance : Clear

Collector Comments: 30 DAY TURNAROUND (PVC WELL)

Sampler Signature : Timothy J. Murphy Division/Company IEPA

CONTAINER No.	Code	Size	Pres	ANALYSIS	FILTERING (Y/N)	Date	Time
2	8	40ml		VOA	N	7-19-89	1:50
2	9	80oz		BNA	N	"	1:50
2	9	80oz		PEST/PCB	N	"	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: 7-19-89 Time: 11:40A Seal #: 5159 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: 7-19-89 Time: 2:15p Seal #: 5160

Courier - sample pickup:

Courier - sample delivery:

I certify that I received the sample shipping container from the courier listed above with the shipping container and seal intact and that each bottle in the shipping container was intact. After recording the sample in the official record book, the sample will be in the custody of competent laboratory personnel at all times or locked in a secured area.

Opened by (print): Sally Geyston Signature: Sally Geyston

Date: JUL 19 1989 Time: 8:18pm Seal #: 5160 Intact? (Y) / N

Lab Name: IEPA Springfield Comments:

IEPA - CLP
CHAIN OF CUSTODY

JUL 20 1989

D074375

Seal #: 5157

Date Sealed: 7/18/89 By: AWW

Facility
Name : INTETLAKE PROPERTY
Region: MAYWOOD
County: COOK

Site Inventory # : 0316000025
Site Billing Code: SA-06
Project Manager : TIM MURPHY

LABORATORY #	SAMPLE I.D.	SAMPLE DATE	SAMPLE TIME
D074375	G-102	7-19-89	3:55p

Sample Appearance :

Collector Comments: 30 DAY TURNAROUND (PVC WELL)

Sampler Signature : Timothy J. Murphy Division/Company IEPA

CONTAINER No.	Code	Size	Pres	ANALYSIS	FILTERING (Y/N)	Date	Time
2	8	40ml		VOA	N	7-19-89	3:55p
2	9	80oz		BNA	"	"	"
2	9	80oz		PEST/PCB	N	"	"

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: 7-19-89 Time: 2:35p Seal #: 5157 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: ~~7-20-89~~ TJM 7-20-89 Time: 2:00p Seal #: 5158

Courier - sample pickup:

Courier - sample delivery:

I certify that I received the sample shipping container from the courier listed above with the shipping container and seal intact and that each bottle in the shipping container was intact. After recording the sample in the official record book, the sample will be in custody of competent laboratory personnel at all times or locked in a secured area.

Opened by (print): Sally Geyston Signature: Sally Geyston

JUL 20 1989

Date: Time: 6:30pm Seal: 5158 Intact?: Y / N

Lab Name: IEPA Springfield Comments:

IEPA - CLP
CHAIN OF CUSTODY

JUL 20 1989

D074376 Seal #: 5155

Date Sealed: 7/18/89 By: AWV

Facility
Name : INTETLAKE PROPERTY
Region: MAYWOOD
County: COOK

Site Inventory # : 0316000025
Site Billing Code: SA-06
Project Manager : TIM MURPHY

LABORATORY #	SAMPLE I.D.	SAMPLE DATE	SAMPLE TIME
D074376	G-103	7-20-89	10:10a

Sample Appearance : Clear

Collector Comments: 30 DAY TURNAROUND (PVC WELL)

Sampler Signature : Timothy J. Murphy Division/Company IEPA

CONTAINER No.	Code	Size	Pres	ANALYSIS	FILTERING (Y/N)	Date	Time
2	8	40ml		VOA	N	7-20-89	10:10a
2	9	80oz		BNA	N	7-20-89	10:10a
2	9	80oz		PEST/PCB	N	7-20-89	10:10a

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: 7-20-89 Time: 8:30am Seal #: 0005155 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: 7-20-89 Time: 2:00p Seal #: 0005156

Courier - sample pickup:

Courier - sample delivery:

I certify that I received the sample shipping container from the courier listed above with the shipping container and seal intact and that each bottle in the shipping container was intact. After recording the sample in the official record book, the sample will be in the custody of competent laboratory personnel at all times or locked in a secured area.

Opened by (print): Sally Geyston Signature: Sally Geyston

JUL 20 1989

Date: Time: 6:35pm Seal #: 5156 Intact? (Y) / N

Lab Name: IEPA Springfield Comments:

D074377

IEPA - CLP
CHAIN OF CUSTODY

JUL 20 1989

Seal #: 5153

Date Sealed: 7/18/89 By: AWW

Facility
Name : INTETLAKE PROPERTY
Region: MAYWOOD
County: COOK

Site Inventory # : 0316000025
Site Billing Code: SA-06
Project Manager : TIM MURPHY

LABORATORY #	SAMPLE I.D.	SAMPLE DATE	SAMPLE TIME
D074377	G-104	7-20-89	1:10p

Sample Appearance : clear

Collector Comments: 30 DAY TURNAROUND (PVC WELL)

Sampler Signature : Timothy J. Murphy Division/Company IEPA

CONTAINER				ANALYSIS	FILTERING		
No.	Code	Size	Pres		(Y/N)	Date	Time
2	8	40ml		VOA	N	7-20-89	1:10p
2	9	80oz		BNA	N	7-20-89	1:10p
2	9	80oz		PEST/PCB	N	7-20-89	1:10p

CHAIN OF CUSTODY CHRONICLE

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

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

Date: 7-20-89 Time: 11:30a Seal #: 0005153 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): Timothy J. Murphy Signature: Timothy J. Murphy

Date: 7-20-89 Time: 2:00pm Seal #: 0005154

Courier - sample pickup: _____

Courier - sample delivery: _____

I certify that I received the sample shipping container from the courier listed above with the shipping container and seal intact and that each bottle in the shipping container was intact. After recording the sample in the official record book, the sample will be in the custody of competent laboratory personnel at all times or locked in a secured area.

Opened by (print): Sally Geyston Signature: Sally Geyston

Date: JUL 20 1989 Time: 6:40pm Seal #: 5154 Intact?: (Y)/ N

Lab Name: IEPA Springfield Comments: _____

IEPA - CLP
CHAIN OF CUSTODY

JUL 19 1989

D074313

Seal #: 5151

Date Sealed: 7/18/89 By: AWW

Facility
Name : INTETLAKE PROPERTY
Region: MAYWOOD
County: COOK

Site Inventory # : 0316000025
Site Billing Code: SA-06
Project Manager : TIM MURPHY

LABORATORY #	SAMPLE I.D.	SAMPLE DATE	SAMPLE TIME
D074313	G-105	7-19-89	10:33A - 10:40A

Sample Appearance : Grey slightly silty

Collector Comments: 30 DAY TURNAROUND ~~(PVC WELL)~~ 4" Stainless Steel Well

Sampler Signature : Gregory M. [illegible] Division/Company IEPA

CONTAINER				ANALYSIS	FILTERING		
No.	Code	Size	Pres		(Y/N)	Date	Time
2	8	40ml		VOA	N	7-19-89	10:33A
2	9	80oz		BNA	N	"	10:47A
2	9	80oz		PEST/PCB	N	"	10:40A

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: 7-19-89 Time: 10:00A Seal #: 5151 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: 7-19-89 Time: 1:20p Seal #: 5152

Courier - sample pickup:

Courier - sample delivery:

I certify that I received the sample shipping container from the courier listed above with the shipping container and seal intact and that each bottle in the shipping container was intact. After recording the sample in the official record book, the sample will be in custody of competent laboratory personnel at all times or locked in a secured area.

Opened by (print): Sally Geyston Signature: Sally Geyston

JUL 19 1989

Date: Time: 8:25p.m Seal #: 5152 Intact? (Y) / N

Lab Name: IEPA Springfield Comments:

IEPA - CLP
CHAIN OF CUSTODY

JUL 20 1989

D074378

Seal #: 5149

Date Sealed: 7/18/89 By: AWW

Facility
Name : INTETLAKE PROPERTY
Region: MAYWOOD
County: COOK

Site Inventory # : 0316000025
Site Billing Code: SA-06
Project Manager : TIM MURPHY

LABORATORY #	SAMPLE I.D.	SAMPLE DATE	SAMPLE TIME
D074378	G-106	7-19-89	5:45p

Sample Appearance : cloudy

Collector Comments: 30 DAY TURNAROUND ~~(PVC WELL)~~ 4" Stainless Steel Well

Sampler Signature : Timothy J. Murphy Division/Company IEPA

CONTAINER				ANALYSIS	FILTERING		
No.	Code	Size	Pres		(Y/N)	Date	Time
2	8	40ml		VOA	N	7-19-89	5:45p
2	9	80oz		BNA	N	"	"
2	9	80oz		PEST/PCB	N	"	"

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: 7-19-89 Time: 5:20p Seal #: 0005149 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: 7-19-89 Time: 6:25 Seal #: 0005150

Courier - sample pickup:

Courier - sample delivery:

I certify that I received the sample shipping container from the courier listed above with the shipping container and seal intact and that each bottle in the shipping container was intact. After recording the sample in the official record book, the sample will be in the custody of competent laboratory personnel at all times or locked in a secured area.

Opened by (print): Sally Greyston Signature: Sally Greyston

Date: JUL 20 1989 Time: 6:45 pm Seal #: 5150 Intact?: (Y) / N

Lab Name: IEPA Springfield Comments:

IEPA - CLP
CHAIN OF CUSTODY

JUL 19 1989 D074314

Seal #: 5147

Date Sealed: 7/18/89 By: AWW

Facility
Name : INTETLAKE PROPERTY
Region: MAYWOOD
County: COOK

Site Inventory # : 0316000025
Site Billing Code: SA-06
Project Manager : TIM MURPHY

LABORATORY #	SAMPLE I.D.	SAMPLE DATE	SAMPLE TIME
D074314	G-107	7-18-89	4:00pm

Sample Appearance : clear

Collector Comments: hand pump well in Wm. F. Powers Conservation Area 30 DAY TURNAROUND ~~PVC WELL~~ TJ

Sampler Signature : Timothy J. Murphy Division/Company IEPA

CONTAINER				ANALYSIS	FILTERING		
No.	Code	Size	Pres		(Y/N)	Date	Time
2	8	40ml		VOA	N	7-18-89	4:00p
2	9	80oz		BNA	N	7-18-89	4:00p
2	9	80oz		PEST/PCB	N	7-18-89	4:00p

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: 7-18-89 Time: 3:49p Seal #: 0005147 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: ~~7-18-89~~ TJM 7-19-89 Time: ~~4:30p~~ TJM 1:30p Seal #: 0005148

Courier - sample pickup:

Courier - sample delivery:

I certify that I received the sample shipping container from the courier listed above with the shipping container and seal intact and that each bottle in the shipping container was intact. After recording the sample in the official record book, the sample will be in the custody of competent laboratory personnel at all times or locked in a secured area.

Opened by (print): Sally Geyston Signature: Sally Geyston

Date: JUL 19 1989 Time: 8:35p.m. Seal #: 5148 Intact?: (Y) / N

Lab Name: IEPA Springfield Comments:

IEPA - CLP
CHAIN OF CUSTODY

JUL 19 1989 D074316

Seal #: 5201

Date Sealed: 7/18/89 By: Awi

Facility
Name : INTERLAKE PROPERTY
Region: MAYWOOD
County: COOK

Site Inventory # : 0316000025
Site Billing Code: SA-06
Project Manager : TIM MURPHY

LABORATORY #	SAMPLE I.D.	SAMPLE DATE	SAMPLE TIME
D074316	X-101	7-19-89	12:40p

Sample Appearance : damp sandy loam soil

Collector Comments: 30 DAY TURNAROUND

Sampler Signature : Timothy J. Murphy Division/Company IEPA

CONTAINER				ANALYSIS	FILTERING		
No.	Code	Size	Pres		(Y/N)	Date	Time
2	12	2oz		VOA	N	7-19-89	12:40p
1	5	32oz		BNA, PEST/PCB	N	7-19-89	12:40p

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: 7-18-89 Time: 3:45p Seal #: 0005201 Intact?: (Y) / N

Temp. sealed overnight

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: 7-19-89 Time: 3:15p Seal #: 0005202

Courier - sample pickup:

Courier - sample delivery:

I certify that I received the sample shipping container from the courier listed above with the shipping container and seal intact and that each bottle in the shipping container was intact. After recording the sample in the official record book, the sample will be in the custody of competent laboratory personnel at all times or locked in a secured area.

Opened by (print): Sally Geyston Signature: Sally Geyston

Date: JUL 19 1989 Time: 8:45 p.m. Seal #: 5202 Intact? (Y) / N

Lab Name: IEPA Springfield Comments:

IEPA - CLP
CHAIN OF CUSTODY

JUL 19 1989

D074317 Seal #: 5201

Date Sealed: 7/18/89 By: AWW

Facility
Name : INTERLAKE PROPERTY
Region: MAYWOOD
County: COOK

Site Inventory # : 0316000025
Site Billing Code: SA-06
Project Manager : TIM MURPHY

LABORATORY #	SAMPLE I.D.	SAMPLE DATE	SAMPLE TIME
D074317	X-102	7-19-89	8:45a

Sample Appearance : sludge muck sediment

Collector Comments: 30 DAY TURNAROUND

Sampler Signature : Timothy J. Murphy Division/Company IEPA

CONTAINER				ANALYSIS	FILTERING		
No.	Code	Size	Pres		(Y/N)	Date	Time
2	12	2oz		VOA	N	7-19-89	8:45a
1	5	32oz		BNA, PEST/PCB	N	7-19-89	8:45a

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: 7-18-89 Time: 3:45p Seal #: 0005201 Intact?: (Y) / N

temp sealed overnight

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: 7-19-89 Time: 3:15p Seal #: 0005202

Courier - sample pickup:

Courier - sample delivery:

I certify that I received the sample shipping container from the courier listed above with the shipping container and seal intact and that each bottle in the shipping container was intact. After recording the sample in the official record book, the sample will be in the custody of competent laboratory personnel at all times or locked in a secured area.

Opened by (print): Sally Geyston Signature: Sally Geyston

Date: JUL 19 1989 Time: 8:45 p.m. Seal #: 5202 Intact?: (Y) / N

Lab Name: IEPA Springfield Comments:

IEPA - CLP
CHAIN OF CUSTODY

JUL 19 1989 D074318 Seal #: 5201

Date Sealed: 7/18/89 By: AW

Facility
Name : INTERLAKE PROPERTY
Region: MAYWOOD
County: COOK

Site Inventory # : 0316000025
Site Billing Code: SA-06
Project Manager : TIM MURPHY

LABORATORY #	SAMPLE I.D.	SAMPLE DATE	SAMPLE TIME
D074318	X-103	7-19-89	11:20 am

Sample Appearance : mucky sediment

Collector Comments: 30 DAY TURNAROUND

Sampler Signature : Timothy J. Murphy Division/Company IEPA

CONTAINER				ANALYSIS	FILTERING		
No.	Code	Size	Pres		(Y/N)	Date	Time
2	12	2oz		VOA	N	7-19-89	11:20a
1	5	32oz		BNA, PEST/PCB	N	7-19-89	11:20a

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: 7-18-89 Time: 3:45 p Seal #: 0005201 Intact?: (Y) / N

temp. sealed overnight

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: 7-19-89 Time: 3:15 p Seal #: 0005202

Courier - sample pickup:

Courier - sample delivery:

I certify that I received the sample shipping container from the courier listed above with the shipping container and seal intact and that each bottle in the shipping container was intact. After recording the sample in the official record book, the sample will be in the custody of competent laboratory personnel at all times or locked in a secured area.

Opened by (print): Sally Geyston Signature: Sally Geyston

Date: JUL 19 1989 Time: 8:45 p.m Seal #: 5202 Intact: (Y) / N

Lab Name: IEPA Springfield Comments:

IEPA - CLP
CHAIN OF CUSTODY

JUL 19 1989

D074319 Seal #: 5201

Date Sealed: 7/18/89 By: AWW

Facility
Name : INTERLAKE PROPERTY
Region: MAYWOOD
County: COOK

Site Inventory # : 0316000025
Site Billing Code: SA-06
Project Manager : TIM MURPHY

LABORATORY #	SAMPLE I.D.	SAMPLE DATE	SAMPLE TIME
D074319	X-104	7-19-89	10:15a

Sample Appearance : mucky sediment

Collector Comments: 30 DAY TURNAROUND

Sampler Signature : Timothy J. Murphy Division/Company IEPA

CONTAINER				ANALYSIS	FILTERING		
No.	Code	Size	Pres		(Y/N)	Date	Time
2	12	2oz		VOA	N	7-19-89	10:15am
1	5	32oz		BNA, PEST/PCB	N	7-19-89	10:15am

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: 7-18-89 Time: 3:45p Seal #: 0005201 Intact?: (Y) / N

temp. sealed overnight

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: 7-19-89 Time: 3:15p Seal #: 0005202

Courier - sample pickup:

Courier - sample delivery:

I certify that I received the sample shipping container from the courier listed above with the shipping container and seal intact and that each bottle in the shipping container was intact. After recording the sample in the official record book, the sample will be in custody of competent laboratory personnel at all times or locked in a secured area.

Opened by (print): Sally Grayston Signature: Sally Grayston

Date: JUL 19 1989 Time: 8:45pm Seal #: 5202 Intact?: (Y) / N

Lab Name: IEPA Springfield Comments:

IEPA - CLP
CHAIN OF CUSTODY

JUL 19 1989

D074320

Seal #: 5201

Date Sealed: 7/18/89 By: AWW

Facility
Name : INTERLAKE PROPERTY
Region: MAYWOOD
County: COOK

Site Inventory # : 0316000025
Site Billing Code: SA-06
Project Manager : TIM MURPHY

LABORATORY #	SAMPLE I.D.	SAMPLE DATE	SAMPLE TIME
D074320	X-105	7-19-89	10:00 ~~pm~~ am

Sample Appearance : silty sediment

Collector Comments: 30 DAY TURNAROUND

Sampler Signature : Timothy J. Murphy Division/Company IEPA.

CONTAINER				ANALYSIS	FILTERING		
No.	Code	Size	Pres		(Y/N)	Date	Time
2	12	2oz		VOA	N	7-19-89	10:00 AM
1	5	32oz		BNA, PEST/PCB	N	7-19-89	10:00 AM

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: 7-18-89 Time: 3:45p Seal #: 0005201 Intact?: (Y) / N

temp. Sealed overnight

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: 7-19-89 Time: 3:15p Seal #: 0005202

Courier - sample pickup:

Courier - sample delivery:

I certify that I received the sample shipping container from the courier listed above with the shipping container and seal intact and that each bottle in the shipping container was intact. After recording the sample in the official record book, the sample will be in the custody of competent laboratory personnel at all times or locked in a secured area.

Opened by (print): Sally Geyston Signature: Sally Geyston

Date: JUL 19 1989 Time: 8:45am Seal #: 5202 Intact?: (Y) / N

Lab Name: IEPA Springfield Comments:

IEPA - CLP
CHAIN OF CUSTODY

JUL 19 1989

D074321

Seal #: 5201

Date Sealed: 7/18/89 By: AWW

Facility
Name : INTERLAKE PROPERTY
Region: MAYWOOD
County: COOK

Site Inventory # : 0316000025
Site Billing Code: SA-06
Project Manager : TIM MURPHY

LABORATORY #	SAMPLE I.D.	SAMPLE DATE	SAMPLE TIME
D074321	X-106	7-19-89	2:45p

Sample Appearance : murky sandy sediment

Collector Comments: 30 DAY TURNAROUND

Sampler Signature : Timothy J. Murphy Division/Company IEPA

CONTAINER No.	Code	Size	Pres	ANALYSIS	FILTERING (Y/N)	Date	Time
2	12	2oz		VOA	N	2:45p	7-19-89
1	5	32oz		BNA, PEST/PCB	N	2:45p	7-19-89

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: 7-18-89 Time: 3:45p Seal #: 0005201 Intact?: (Y) / N

temp. sealed overnight

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: 7-19-89 Time: 3:15p Seal #: 0005202

Courier - sample pickup:

Courier - sample delivery:

I certify that I received the sample shipping container from the courier listed above with the shipping container and seal intact and that each bottle in the shipping container was intact. After recording the sample in the official record book, the sample will be in the custody of competent laboratory personnel at all times or locked in a secured area.

Opened by (print): Sally Geyston Signature: Sally Geyston

Date: JUL 19 1989 Time: 8:45 p.m. Seal #: 5202 Intact?: (Y) / N

Lab Name: IEPA Springfield Comments:

IEPA - CLP
CHAIN OF CUSTODY

JUL 19 1989

D074322

Seal #: 5201

Date Sealed: 7/18/89 By: AWW

Facility
Name : INTERLAKE PROPERTY
Region: MAYWOOD
County: COOK

Site Inventory # : 0316000025
Site Billing Code: SA-06
Project Manager : TIM MURPHY

LABORATORY #	SAMPLE I.D.	SAMPLE DATE	SAMPLE TIME
D074322	X-107	7-19-89	12:00 p

Sample Appearance : lime colored sediment

Collector Comments: 30 DAY TURNAROUND

Sampler Signature : Timothy J. Murphy Division/Company IEPA

CONTAINER				ANALYSIS	FILTERING		
No.	Code	Size	Pres		(Y/N)	Date	Time
2	12	2oz		VOA	N	7-19-89	12:00p
1	5	32oz		BNA, PEST/PCB	N	7-19-89	12:00p

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: 7-18-89 Time: 3:45p Seal #: 0005201 Intact?: (Y) / N

temp. sealed overnight

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: 7-19-89 Time: 3:15p Seal #: 0005202

Courier - sample pickup:

Courier - sample delivery:

I certify that I received the sample shipping container from the courier listed above with the shipping container and seal intact and that each bottle in the shipping container was intact. After recording the sample in the official record book, the sample will be in the custody of competent laboratory personnel at all times or locked in a secured area.

Opened by (print): Sally Geyston Signature: Sally Geyston

Date: JUL 19 1989 Time: 8:45 p.m. Seal #: 5202 Intact?: Y / N

Lab Name: IEPA Springfield Comments:

IEPA - CLP
CHAIN OF CUSTODY

JUL 19 1989 D074323 Seal #: 5201

Date Sealed: 7/18/89 By: AWW

Facility
Name : INTERLAKE PROPERTY
Region: MAYWOOD
County: COOK

Site Inventory # : 0316000025
Site Billing Code: SA-06
Project Manager : TIM MURPHY

LABORATORY #	SAMPLE I.D.	SAMPLE DATE	SAMPLE TIME
L074323	X-108	7-18-89	3:45p

Sample Appearance : dry sandy silt soil

Collector Comments: 30 DAY TURNAROUND

Sampler Signature : Timothy J. Murphy Division/Company IEPA

CONTAINER				ANALYSIS	FILTERING		
No.	Code	Size	Pres		(Y/N)	Date	Time
2	12	2oz		VOA	N	7-18-89	3:45p
1	5	32oz		BNA, PEST/PCB	N	7-18-89	3:45p

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: 7-18-89 Time: 1535 Seal #: 0005201 Intact?: (Y) / N

temp. sealed overnight

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: 7-19-89 Time: 3:15p Seal #: 0005202

Courier - sample pickup:

Courier - sample delivery:

I certify that I received the sample shipping container from the courier listed above with the shipping container and seal intact and that each bottle in the shipping container was intact. After recording the sample in the official record book, the sample will be in the custody of competent laboratory personnel at all times or locked in a secured area.

Opened by (print): Sally Greyston Signature: Sally Greyston

Date: JUL 19 1989 Time: 8:45 a.m. Seal #: 5205 Intact?: (Y) N

Lab Name: IEPA Springfield Comments:

IEPA - CLP
CHAIN OF CUSTODY

JUL 19 1989

D074315

Seal #: 5159

Date Sealed: 7/18/89 By: AWW

Facility Name: INTERLAKE PROPERTY
Region: MAYWOOD
County: COOK

Site Inventory #: 0316000025
Site Billing Code: SA-06
Project Manager: TIM MURPHY

LABORATORY #	SAMPLE I.D.	SAMPLE DATE	SAMPLE TIME
D074315	TB	7-19-89	

Sample Appearance:

Collector Comments: 30 DAY TURNAROUND

Sampler Signature: Timothy J. Murphy Division/Company IEPA

CONTAINER No.	Code	Size	Pres	ANALYSIS	FILTERING (Y/N)	Date	Time
2	8	40ml		TRIP BLANK	N	7-19-89	

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: 7-19-89 Time: 11:40A Seal #: 5159 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: 7-19-89 Time: 2:15p Seal #: 5160

Courier - sample pickup:

Courier - sample delivery:

I certify that I received the sample shipping container from the courier listed above with the shipping container and seal intact and that each bottle in the shipping container was intact. After recording the sample in the official record book, the sample will be in the custody of competent laboratory personnel at all times or locked in a secured area.

Opened by (print): Sally Geyston Signature: Sally Geyston

Date: JUL 19 1989 Time: 8:18pm Seal #: 5160 Intact?: (Y) / N

Lab Name: IEPA Springfield Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G101

ıb Name: ILLINOIS EPA Contract: 0316000025

Lab Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) WATER Lab Sample ID: D974312

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: A0721BK05

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

% Moisture: not dec. ____ Date Analyzed: 07/21/89

Column: (pack/cap) WIDE Dilution Factor: ~~1.00~~ 51.0

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

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	5	U
67-64-1	Acetone	420	E
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	10	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
----------	Total Xylenes	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

G101

ab Name: ILLINOIS EPA Contract: 0316000025

Lab Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) WATER Lab Sample ID: D974312

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: A0721BK05

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

% Moisture: not dec. ____ Date Analyzed: 07/21/89

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.

G101DL

ab Name: ILLINOIS EPA Contract: 0316000025

Lab Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) WATER Lab Sample ID: D974312

Sample wt/vol: 1.0 (g/mL) ML Lab File ID: A0724[illegible]

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

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

Column: (pack/cap) WIDE Dilution Factor: ~~1.00~~ 5

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

G101DL

ab Name: ILLINOIS EPA Contract: 0316000025

Lab Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) WATER Lab Sample ID: D974312

Sample wt/vol: 1.0 (g/mL) ML Lab File ID: A0724BK14

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

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

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

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G101

Lab Name: ILLINOIS EPA Contract: 0316000025

L Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) WATER Lab Sample ID: D974312

Sample wt/vol: 1000 (g/mL) ML Lab File ID: AUG01HK09

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

% Moisture: not dec. ____ dec. ____ Date Extracted: 07/21/89

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 08/01/89

GPC Cleanup: (Y/N) N pH: 6.0 Dilution Factor: 1.00

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

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G101

Lab Name: ILLINOIS EPA Contract: 0316000025

Lab Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) WATER Lab Sample ID: D974312

Sample wt/vol: 1000 (g/mL) ML Lab File ID: AUG01HK09

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

% Moisture: not dec. ____ dec. ____ Date Extracted: 07/21/89

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 08/01/89

GPC Cleanup: (Y/N) N pH: 6.0 Dilution Factor: 1.00

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
117-81-7	bis(2-Ethylhexyl)Phthalate	10	U
218-01-9	Chrysene	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.

G101

Lab Name: ILLINOIS EPA Contract: 0316000025

Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) _____ Lab Sample ID: D974312

Sample wt/vol: 1000 (g/mL) ML Lab File ID: AUG01HK09T

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

% Moisture: not dec. _____ dec. _____ Date Extracted: 07/21/89

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 08/01/89

GPC Cleanup: (Y/N) N pH: 6.0 Dilution Factor: 1.00

Number TICs found: 5

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	7.32	12	BAJ
2.	UNKNOWN ALIP. HYDROCARBON	27.46	1.6	J
3.	UNKNOWN	27.79	0.73	J
4.	UNKNOWN ALIP. HYDROCARBON	29.39	2.7	J
5.	UNKNOWN ALIP. HYDROCARBON	30.26	3.5	J

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

6101

ab Name: Springfield - I.E.P.A. Contract: Interlake

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

atrix: (soil/water) water Lab Sample ID: D974312

ample wt/vol: 1000 (g/mL) ml Lab File ID: _____

evel: (low/med) low Date Received: 7/19/89

Moisture: not dec. ___ dec. ___ Date Extracted: 7/21/89

xtraction: (SepF/Cont/Sonc) SepF Date Analyzed: 8/25/89

PC 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	0.5	U
53494-70-5	Endrin ketone	0.10	U
5103-71-9	alpha-Chlordane	0.5	U
5103-74-2	gamma-Chlordane	0.5	U
8001-35-2	Toxaphene	1.0	U
12674-11-2	Aroclor-1016	0.5	U
11104-28-2	Aroclor-1221	0.5	U
11141-16-5	Aroclor-1232	0.5	U
53469-21-9	Aroclor-1242	0.5	U
12672-29-6	Aroclor-1248	0.5	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

G101

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: INTERLAKE PROPERTY COOK CO. #0316000024

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: 14

Matrix (soil/water): _____ Lab Sample ID: B910178

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

% Solids: _____

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	110	B		P	J
7440-36-0	Antimony	2.1	U	S	F	
7440-38-2	Arsenic	1.2	U	S	F	
7440-39-3	Barium	21	B		P	J
7440-41-7	Beryllium	0.6	U		P	
7440-43-9	Cadmium	1.2	U		P	
7440-70-2	Calcium	8900			P	
7440-47-3	Chromium	3.0	U		P	
7440-48-4	Cobalt	1.7	U		P	
7440-50-8	Copper	1.7	U		P	
7439-89-6	Iron	37	U		P	
7439-92-1	Lead	23		S	F	
7439-95-4	Magnesium	3400	B		P	J
7439-96-5	Manganese	4.7	B		P	
7439-97-6	Mercury	1.3			AV	
7440-02-0	Nickel	4.3	U		P	J
7440-09-7	Potassium	1400	B		P	J
7782-49-2	Selenium	1.2	U	S	F	
7440-22-4	Silver	2.3	U		P	
7440-23-5	Sodium	105000			P	
7440-28-0	Thallium	0.9	U	S	F	
7440-62-2	Vanadium	1.8	U		P	
7440-66-6	Zinc	11	U		P	
	Cyanide	10	U		AS	
	Sulfide	1000	U		T	
	Sulfate	10000	U		AS	

Color Before: Colorless Clarity Before: Clear Texture: _____

Color After: Colorelss Clarity After: Clear Artifacts: _____

Comments:

Sulfide SW846 Methodology
Sulfate IEPA Method

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G102

ab Name: ILLINOIS EPA Contract: 0316000025

Lab Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) WATER Lab Sample ID: D974375

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: A0724BK02

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

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

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	5	U
67-64-1	Acetone	7100	EJ
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	10	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
----------	Total Xylenes	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

G102

Lab Name: ILLINOIS EPA Contract: 0316000025

Lab Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) WATER Lab Sample ID: D974375

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: A0724BK02

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

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

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.

G102DL

ab Name: ILLINOIS EPA Contract: 0316000025

Lab Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) WATER Lab Sample ID: D974375

Sample wt/vol: 0.020 (g/mL) ML Lab File ID: A0730BK08

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

% Moisture: not dec. ____ Date Analyzed: 07/30/89

Column: (pack/cap) WIDE Dilution Factor: ~~1.00~~ 250

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

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	2500	U
74-83-9	Bromomethane	2500	U
75-01-4	Vinyl Chloride	2500	U
75-00-3	Chloroethane	2500	U
75-09-2	Methylene Chloride	1300	U
67-64-1	Acetone	32000	D
75-15-0	Carbon Disulfide	1300	U
75-35-4	1,1-Dichloroethene	1300	U
75-35-3	1,1-Dichloroethane	1300	U
540-59-0	1,2-Dichloroethene (total)	1300	U
67-66-3	Chloroform	1300	U
107-06-2	1,2-Dichloroethane	1300	U
78-93-3	2-Butanone	2500	~~U~~ R
71-55-6	1,1,1-Trichloroethane	1300	U
56-23-5	Carbon Tetrachloride	1300	U
108-05-4	Vinyl Acetate	2500	U
75-27-4	Bromodichloromethane	1300	U
78-87-5	1,2-Dichloropropane	1300	U
10061-01-5	cis-1,3-Dichloropropene	1300	U
79-01-6	Trichloroethene	1300	U
124-48-1	Dibromochloromethane	1300	U
79-00-5	1,1,2-Trichloroethane	1300	U
71-43-2	Benzene	1300	U
10061-02-6	Trans-1,3-Dichloropropene	1300	U
75-25-2	Bromoform	1300	U
108-10-1	4-Methyl-2-Pentanone	2500	U
591-78-6	2-Hexanone	2500	U
127-18-4	Tetrachloroethene	1300	U
79-34-5	1,1,2,2-Tetrachloroethane	2500	U
108-88-3	Toluene	1300	U
108-90-7	Chlorobenzene	1300	U
100-41-4	Ethylbenzene	1300	U
100-42-5	Styrene	1300	U
	Total Xylenes	1300	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

G102DL

ab Name: ILLINOIS EPA Contract: 0316000025

Lab Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) WATER Lab Sample ID: D974375

Sample wt/vol: 0.020 (g/mL) ML Lab File ID: A0730BK08

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

% Moisture: not dec. ____ Date Analyzed: 07/30/89

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

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G102

Lab Name: ILLINOIS EPA Contract: 0316000025

Lab Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) WATER Lab Sample ID: D974375

Sample wt/vol: 1000 (g/mL) ML Lab File ID: AUG01HK07

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

% Moisture: not dec. ____ dec. ____ Date Extracted: 07/21/89

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 08/01/89

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	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	0.3	J
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.

G102

Lab Name: ILLINOIS EPA Contract: 0316000025

Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) WATER Lab Sample ID: D974375

Sample wt/vol: 1000 (g/mL) ML Lab File ID: AUG01HK07

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

% Moisture: not dec. ____ dec. ____ Date Extracted: 07/21/89

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 08/01/89

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

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

CAS NO.	COMPOUND		Q
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	0.7	J
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	0.4	J
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	0.2	J
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
117-81-7	bis(2-Ethylhexyl)Phthalate	2	J
218-01-9	Chrysene	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.

G102

Lab Name: ILLINOIS EPA Contract: 031s000025

Lab Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) _____ Lab Sample ID: D974375

Sample wt/vol: 1000 (g/mL) ML Lab File ID: AUG01HK07T

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

% Moisture: not dec. _____ dec. _____ Date Extracted: 07/21/89

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 08/01/89

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

Number TICs found: 20

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	7.35	22	BAJ
2.	UNKNOWN ALIP. HYDROCARBON	10.89	1.7	J
3.	UNKNOWN ALIP. HYDROCARBON	12.72	2.9	J
4.	UNKNOWN ALIP. HYDROCARBON	14.39	3.4	J
5.	UNKNOWN ALIP. HYDROCARBON	14.62	2.2	J
6.	UNKNOWN ALIP. HYDROCARBON	15.52	2.1	J
7.	UNKNOWN ALIP. HYDROCARBON	15.94	4.5	J
8.	UNKNOWN ALIP. HYDROCARBON	17.37	4.5	J
9.	UNKNOWN ALIP. HYDROCARBON	18.24	2.5	J
10.	UNKNOWN ALIP. HYDROCARBON	20.02	3.5	J
11.	UNKNOWN ALIP. HYDROCARBON	20.64	2.8	J
12.	UNKNOWN ALIP. HYDROCARBON	21.24	3.1	J
13.	UNKNOWN ALIP. HYDROCARBON	21.32	7.6	J
14.	UNKNOWN ALIP. HYDROCARBON	22.40	2.6	J
15.	UNKNOWN	23.24	1.2	J
16.	UNKNOWN ALIP. HYDROCARBON	23.50	3.0	J
17.	UNKNOWN ALIP. HYDROCARBON	24.57	2.3	J
18.	UNKNOWN ALIP. HYDROCARBON	25.59	1.9	J
19.	UNKNOWN ALIP. HYDROCARBON	26.56	1.3	J
20.	UNKNOWN	29.42	1.5	J

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

6-102

Lab Name: Spring Field - I.E.P.A. Contract: Interlake

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

Matrix: (soil/water) water Lab Sample ID: D974375

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

Level: (low/med) low Date Received: 7/19/89

% Moisture: not dec. — dec. — Date Extracted: 7/21/89

Extraction: (SepF/Cont/Sonc) SepF Date Analyzed: 8/25/89

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	0.5	U
53494-70-5	Endrin ketone	0.10	U
5103-71-9	alpha-Chlordane	0.5	U
5103-74-2	gamma-Chlordane	0.5	U
8001-35-2	Toxaphene	1.0	U
12674-11-2	Aroclor-1016	0.5	U
11104-28-2	Aroclor-1221	0.5	U
11141-16-5	Aroclor-1232	0.5	U
53469-21-9	Aroclor-1242	0.5	U
12672-29-6	Aroclor-1248	0.5	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

G102

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: INTERLAKE PROPERTY COOK CO. #0316000024

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: 14

Matrix (soil/water): _____ Lab Sample ID: B910179

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

% Solids: _____

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	210			P	J
7440-36-0	Antimony	2.1	U	S	F	
7440-38-2	Arsenic	1.2	U	W,S	F	
7440-39-3	Barium	79	B		P	
7440-41-7	Beryllium	0.6	U		P	
7440-43-9	Cadmium	1.2	U		P	
7440-70-2	Calcium	87000			P	
7440-47-3	Chromium	3.0	U		P	
7440-48-4	Cobalt	1.7	U		P	
7440-50-8	Copper	1.7	U		P	
7439-89-6	Iron	37	U		P	
7439-92-1	Lead	36		S	F	
7439-95-4	Magnesium	35000			P	J
7439-96-5	Manganese	110			P	
7439-97-6	Mercury	1.1			AV	
7440-02-0	Nickel	8.9	B		P	J
7440-09-7	Potassium	7300			P	
7782-49-2	Selenium	1.2	U	W,S	F	
7440-22-4	Silver	2.3	U		P	
7440-23-5	Sodium	59000			P	
7440-28-0	Thallium	0.9	U	S	F	
7440-62-2	Vanadium	1.8	U		P	
7440-66-6	Zinc	16	B		P	
	Cyanide	10	U		AS	
	Sulfide	1000	U		T	
	Sulfate	173000			AS	

Color Before: Colorless Clarity Before: Clear Texture: _____

Color After: Colorless Clarity After: Clear Artifacts: _____

Comments:

Sulfide SW846 Methodology
Sulfate IEPA Method

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G103

ab Name: ILLINOIS EPA Contract: 0316000025

Lab Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) WATER Lab Sample ID: D974376

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: A0730BK03

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

% Moisture: not dec. ____ Date Analyzed: 07/30/89

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	5	U
67-64-1	Acetone	360	E
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	10	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
----------	Total Xylenes	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

G103

ab Name: ILLINOIS EPA Contract: 0316000025

Lab Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) WATER Lab Sample ID: D974376

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: A0730BK03

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

% Moisture: not dec. ____ Date Analyzed: 07/30/89

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.

G103DL

ab Name: ILLINOIS EPA Contract: 0316000025

Lab Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) WATER Lab Sample ID: D974376

Sample wt/vol: 1.0 (g/mL) ML Lab File ID: A0730BK04

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

% Moisture: not dec. ____ Date Analyzed: 07/30/89

Column: (pack/cap) WIDE Dilution Factor: ~~1.00~~ 5

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

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	50	U
74-83-9	Bromomethane	50	U
75-01-4	Vinyl Chloride	50	U
75-00-3	Chloroethane	50	U
75-09-2	Methylene Chloride	25	U
67-64-1	Acetone	300	D
75-15-0	Carbon Disulfide	25	U
75-35-4	1,1-Dichloroethene	25	U
75-35-3	1,1-Dichloroethane	25	U
540-59-0	1,2-Dichloroethene (total)	25	U
67-66-3	Chloroform	25	U
107-06-2	1,2-Dichloroethane	25	U
78-93-3	2-Butanone	50	~~U~~ R
71-55-6	1,1,1-Trichloroethane	25	U
56-23-5	Carbon Tetrachloride	25	U
108-05-4	Vinyl Acetate	50	U
75-27-4	Bromodichloromethane	25	U
78-87-5	1,2-Dichloropropane	25	U
10061-01-5	cis-1,3-Dichloropropene	25	U
79-01-6	Trichloroethene	25	U
124-48-1	Dibromochloromethane	25	U
79-00-5	1,1,2-Trichloroethane	25	U
71-43-2	Benzene	25	U
10061-02-6	Trans-1,3-Dichloropropene	25	U
75-25-2	Bromoform	25	U
108-10-1	4-Methyl-2-Pentanone	50	U
591-78-6	2-Hexanone	50	U
127-18-4	Tetrachloroethene	25	U
79-34-5	1,1,2,2-Tetrachloroethane	50	U
108-88-3	Toluene	25	U
108-90-7	Chlorobenzene	25	U
100-41-4	Ethylbenzene	25	U
100-42-5	Styrene	25	U
	Total Xylenes	25	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

G103DL

ab Name: ILLINOIS EPA Contract: 0316000025

Lab Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) WATER Lab Sample ID: D974376

Sample wt/vol: 1.0 (g/mL) ML Lab File ID: A0730BK04

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

% Moisture: not dec. ____ Date Analyzed: 07/30/89

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

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G103

Lab Name: ILLINOIS EPA Contract: 0316000025

Lab Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) WATER Lab Sample ID: D974376

Sample wt/vol: 1000 (g/mL) ML Lab File ID: AUG01HK05

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

% Moisture: not dec. ____ dec. ____ Date Extracted: 07/21/89

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 08/01/89

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	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.

G103

Lab Name: ILLINOIS EPA Contract: 0316000025

Lab Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) WATER Lab Sample ID: D974376

Sample wt/vol: 1000 (g/mL) ML Lab File ID: AUG01HK05

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

% Moisture: not dec. ____ dec. ____ Date Extracted: 07/21/89

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 08/01/89

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	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	2	J
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
117-81-7	bis(2-Ethylhexyl)Phthalate	1	J
218-01-9	Chrysene	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.

G103

Lab Name: ILLINOIS EPA Contract: 0315000025

Lab Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) _____ Lab Sample ID: D974376

Sample wt/vol: 1000 (g/mL) ML Lab File ID: AUG01HK05T

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

% Moisture: not dec. _____ dec. _____ Date Extracted: 07/21/89

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 08/01/89

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

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	7.32	25	BAJ

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

6-103

Lab Name: Spring Field - I.E.P.A. Contract: Interlake

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

Matrix: (soil/water) water Lab Sample ID: D974376

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

Level: (low/med) low Date Received: 7/19/89

% Moisture: not dec. ___ dec. ___ Date Extracted: 7/21/89

Extraction: (SepF/Cont/Sonc) SepF Date Analyzed: 8/25/89

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	0.5	U
53494-70-5	Endrin ketone	0.10	U
5103-71-9	alpha-Chlordane	0.5	U
5103-74-2	gamma-Chlordane	0.5	U
8001-35-2	Toxaphene	1.0	U
12674-11-2	Aroclor-1016	0.5	U
11104-28-2	Aroclor-1221	0.5	U
11141-16-5	Aroclor-1232	0.5	U
53469-21-9	Aroclor-1242	0.5	U
12672-29-6	Aroclor-1248	0.5	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

G103

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: INTERLAKE PROPERTY COOK CO. #0316000024

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: 14

Matrix (soil/water): _____ Lab Sample ID: B910173

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

% Solids: _____

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	260			P	J
7440-36-0	Antimony	2.1	U	S	F	
7440-38-2	Arsenic	1.2	U	S	F	
7440-39-3	Barium	14	B		P	J
7440-41-7	Beryllium	0.6	U		P	
7440-43-9	Cadmium	1.2	U		P	
7440-70-2	Calcium	13500			P	
7440-47-3	Chromium	3.0	U		P	
7440-48-4	Cobalt	1.7	U		P	
7440-50-8	Copper	1.7	U		P	
7439-89-6	Iron	150			P	
7439-92-1	Lead	3	B	S	F	
7439-95-4	Magnesium	5000	B		P	J
7439-96-5	Manganese	11	B		P	
7439-97-6	Mercury	1.3			AV	
7440-02-0	Nickel	7.8	B		P	J
7440-09-7	Potassium	2500	B		P	
7782-49-2	Selenium	1.2	U	S	F	
7440-22-4	Silver	2.3	U		P	
7440-23-5	Sodium	107000			P	
7440-28-0	Thallium	0.9	U	S	F	
7440-62-2	Vanadium	1.8	U		P	
7440-66-6	Zinc	11	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 Method

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G104

ab Name: ILLINOIS EPA Contract: 0316000025

Lab Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) WATER Lab Sample ID: D974377

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: A0730BK05

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

% Moisture: not dec. ____ Date Analyzed: 07/30/89

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	0.9	J
67-64-1	Acetone	99	
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	10	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
----------	Total Xylenes	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

G104

ab Name: ILLINOIS EPA Contract: 0316000025

Lab Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) WATER Lab Sample ID: D974377

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: A0730BK05

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

% Moisture: not dec. ____ Date Analyzed: 07/30/89

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

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G104

Lab Name: ILLINOIS EPA Contract: 031600025

Lab Code: EPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) WATER Lab Sample ID: D974377

Sample wt/vol: 1000 (g/mL) ML Lab File ID: AUG01HK06

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

% Moisture: not dec. ____ dec. ____ Date Extracted: 07/21/89

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 08/01/89

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.00

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

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

S104

Lab Name: ILLINOIS EPA Contract: 0316000025

Lab Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) WATER Lab Sample ID: D974377

Sample wt/vol: 1000 (g/mL) ML Lab File ID: AUG01HK06

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

% Moisture: not dec. ____ dec. ____ Date Extracted: 07/21/89

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 08/01/89

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.00

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
117-81-7	bis(2-Ethylhexyl)Phthalate	10	U
218-01-9	Chrysene	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.

G104

Lab Name: ILLINOIS EPA Contract: 0316000025

Lab Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) _____ Lab Sample ID: D974377

Sample wt/vol: 1000 (g/mL) ML Lab File ID: AUG01HK06T

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

% Moisture: not dec. _____ dec. _____ Date Extracted: 07/21/89

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 08/01/89

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.00

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	7.32	25	BAJ

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

G-104

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

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

Matrix: (soil/water) water Lab Sample ID: D974377

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

Level: (low/med) low Date Received: 7/19/89

% Moisture: not dec. ____ dec. ____ Date Extracted: 7/21/89

Extraction: (SepF/Cont/Sonc) SepF Date Analyzed: 8/25/89

GPC Cleanup: (Y/N) N pH: 8 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	0.5	U
53494-70-5	Endrin ketone	0.10	U
5103-71-9	alpha-Chlordane	0.5	U
5103-74-2	gamma-Chlordane	0.5	U
8001-35-2	Toxaphene	1.0	U
12674-11-2	Aroclor-1016	0.5	U
11104-28-2	Aroclor-1221	0.5	U
11141-16-5	Aroclor-1232	0.5	U
53469-21-9	Aroclor-1242	0.5	U
12672-29-6	Aroclor-1248	0.5	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

G104

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: INTERLAKE PROPERTY COOK CO. #0316000024

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: 14

Matrix (soil/water): _____ Lab Sample ID: B910174

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

% Solids: _____

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	149	B		P	J
7440-36-0	Antimony	2.1	U	S	F	
7440-38-2	Arsenic	1.2	U	S	F	
7440-39-3	Barium	23	B		P	J
7440-41-7	Beryllium	0.6	U		P	
7440-43-9	Cadmium	1.2	U		P	
7440-70-2	Calcium	20000			P	
7440-47-3	Chromium	3.0	U		P	
7440-48-4	Cobalt	1.7	U		P	
7440-50-8	Copper	1.7	U		P	
7439-89-6	Iron	56	B		P	
7439-92-1	Lead	6		S	F	
7439-95-4	Magnesium	13000			P	J
7439-96-5	Manganese	27			P	
7439-97-6	Mercury	1.3			AV	
7440-02-0	Nickel	7.7	B		P	J
7440-09-7	Potassium	6600			P	
7782-49-2	Selenium	1.2	U	S	F	
7440-22-4	Silver	2.3	U		P	
7440-23-5	Sodium	121000			P	
7440-28-0	Thallium	0.9	U	S	F	
7440-62-2	Vanadium	1.8	U		P	
7440-66-6	Zinc	11	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 Method

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G105

ab Name: ILLINOIS EPA Contract: 0316000025

Lab Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) WATER Lab Sample ID: D974313

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: A0721BK06

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

% Moisture: not dec. ____ Date Analyzed: 07/21/89

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	U
67-64-1	Acetone	320	E
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	10	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
----------	Total Xylenes	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

G105

ab Name: ILLINOIS EPA Contract: 0316000025

Lab Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) WATER Lab Sample ID: D974313

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: A0721BK06

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

% Moisture: not dec. ____ Date Analyzed: 07/21/89

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.

G105DL

Lab Name: ILLINOIS EPA Contract: 0316000025

Lab Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) WATER Lab Sample ID: D974313

Sample wt/vol: 1.0 (g/mL) ML Lab File ID: A0724BK15

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

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

Column: (pack/cap) WIDE Dilution Factor: ~~1.00~~ 5

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

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	50	U
74-83-9	Bromomethane	50	U
75-01-4	Vinyl Chloride	50	U
75-00-3	Chloroethane	50	U
75-09-2	Methylene Chloride	4	J
67-64-1	Acetone	880	DJ
75-15-0	Carbon Disulfide	25	U
75-35-4	1,1-Dichloroethene	25	U
75-35-3	1,1-Dichloroethane	25	U
540-59-0	1,2-Dichloroethene (total)	25	U
67-66-3	Chloroform	25	U
107-06-2	1,2-Dichloroethane	25	U
78-93-3	2-Butanone	50	~~U~~ R
71-55-6	1,1,1-Trichloroethane	25	U
56-23-5	Carbon Tetrachloride	25	U
108-05-4	Vinyl Acetate	50	U
75-27-4	Bromodichloromethane	25	U
78-87-5	1,2-Dichloropropane	25	U
10061-01-5	cis-1,3-Dichloropropene	25	U
79-01-6	Trichloroethene	25	U
124-48-1	Dibromochloromethane	25	U
79-00-5	1,1,2-Trichloroethane	25	U
71-43-2	Benzene	25	U
10061-02-6	Trans-1,3-Dichloropropene	25	U
75-25-2	Bromoform	25	U
108-10-1	4-Methyl-2-Pentanone	50	U
591-78-6	2-Hexanone	50	U
127-18-4	Tetrachloroethene	25	U
79-34-5	1,1,2,2-Tetrachloroethane	50	U
108-88-3	Toluene	25	U
108-90-7	Chlorobenzene	25	U
100-41-4	Ethylbenzene	25	U
100-42-5	Styrene	25	U
----------	Total Xylenes	25	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

G105DL

ab Name: ILLINOIS EPA Contract: 0316000025

Lab Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) WATER Lab Sample ID: D974313

Sample wt/vol: 1.0 (g/mL) ML Lab File ID: A0724BK15

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

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

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

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G105

Lab Name: ILLINOIS EPA Contract: 0316000025

L Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) WATER Lab Sample ID: D974313

Sample wt/vol: 1000 (g/mL) ML Lab File ID: AUG01GK01

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

% Moisture: not dec. ____ dec. ____ Date Extracted: 07/21/89

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 08/01/89

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.00

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

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G105

Lab Name: ILLINOIS EPA Contract: 0316000025

L Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) WATER Lab Sample ID: D974313

Sample wt/vol: 1000 (g/mL) ML Lab File ID: AUG01GK01

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

% Moisture: not dec. ____ dec. ____ Date Extracted: 07/21/89

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 08/01/89

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.00

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
117-81-7	bis(2-Ethylhexyl)Phthalate	9	J
218-01-9	Chrysene	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.

G105

Lab Name: ILLINOIS EPA Contract: 0316000025

Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) _____ Lab Sample ID: D974313

Sample wt/vol: 1000 (g/mL) ML Lab File ID: AUG01GK01T

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

% Moisture: not dec. _____ dec. _____ Date Extracted: 07/21/89

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 08/01/89

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.00

Number TICs found: 20

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	7.30	22	BAJ
2.	UNKNOWN ALIP. HYDROCARBON	22.37	2.9	J
3.	UNKNOWN ALIP. HYDROCARBON	23.47	5.9	J
4.	UNKNOWN ALIP. HYDROCARBON	24.54	8.2	J
5.	UNKNOWN	24.72	19	J
6.	UNKNOWN	24.94	2.7	J
7.	UNKNOWN	25.32	5.5	J
8.	UNKNOWN ALIP. HYDROCARBON	25.54	6.2	J
9.	UNKNOWN ALIP. HYDROCARBON	25.87	3.9	J
10.	UNKNOWN ALIP. HYDROCARBON	25.92	3.0	J
11.	UNKNOWN ALIP. HYDROCARBON	26.26	2.5	J
12.	UNKNOWN ALIP. HYDROCARBON	26.32	2.7	J
13.	UNKNOWN ALIP. HYDROCARBON	26.87	8.3	J
14.	UNKNOWN ALIP. HYDROCARBON	27.11	5.0	J
15.	UNKNOWN ALIP. HYDROCARBON	27.62	6.5	J
16.	UNKNOWN ALIP. HYDROCARBON	27.77	3.9	J
17.	UNKNOWN ALIP. HYDROCARBON	28.34	3.7	J
18.	UNKNOWN ALIP. HYDROCARBON	28.71	3.3	J
19.	UNKNOWN	28.96	2.6	J
20.	UNKNOWN ALIP. HYDROCARBON	29.39	8.1	J

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

6105

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

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

Matrix: (soil/water) water Lab Sample ID: D974313

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

Level: (low/med) low Date Received: 7/19/89

% Moisture: not dec. ____ dec. ____ Date Extracted: 7/21/89

Extraction: (SepF/Cont/Sonc) SepF Date Analyzed: 8/25/89

GPC Cleanup: (Y/N) N pH: 8 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	0.5	U
53494-70-5	Endrin ketone	0.10	U
5103-71-9	alpha-Chlordane	0.5	U
5103-74-2	gamma-Chlordane	0.5	U
8001-35-2	Toxaphene	1.0	U
12674-11-2	Aroclor-1016	0.5	U
11104-28-2	Aroclor-1221	0.5	U
11141-16-5	Aroclor-1232	0.5	U
53469-21-9	Aroclor-1242	0.5	U
12672-29-6	Aroclor-1248	0.5	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

G105

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: INTERLAKE PROPERTY COOK CO. #0316000024

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: 14

Matrix (soil/water): _____ Lab Sample ID: B910176

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

% Solids: _____

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	140	B		P	D
7440-36-0	Antimony	2.1	U	S	F	
7440-38-2	Arsenic	1.2	U	S	F	
7440-39-3	Barium	21	B		P	D
7440-41-7	Beryllium	0.6	U		P	
7440-43-9	Cadmium	1.2	U		P	
7440-70-2	Calcium	19000			P	
7440-47-3	Chromium	3.0	U		P	
7440-48-4	Cobalt	1.7	U		P	
7440-50-8	Copper	1.7	U		P	
7439-89-6	Iron	37	U		P	
7439-92-1	Lead	13		S	F	
7439-95-4	Magnesium	3300	B		P	D
7439-96-5	Manganese	3.9	B		P	
7439-97-6	Mercury	1.3			AV	
7440-02-0	Nickel	4.3	U		P	D
7440-09-7	Potassium	2600	B		P	
7782-49-2	Selenium	1.2	U	S	F	
7440-22-4	Silver	2.3	U		P	
7440-23-5	Sodium	94000			P	
7440-28-0	Thallium	0.9	U	S	F	
7440-62-2	Vanadium	1.8	U		P	
7440-66-6	Zinc	11	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 Method

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G106

ab Name: ILLINOIS EPA Contract: 0316000025

Lab Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) WATER Lab Sample ID: D974378

Sample wt/vol: 1.0 (g/mL) ML Lab File ID: A0724BK07

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

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

Column: (pack/cap) WIDE Dilution Factor: ~~1.00~~ 5

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	50	U
74-83-9	Bromomethane	50	U
75-01-4	Vinyl Chloride	50	U
75-00-3	Chloroethane	50	U
75-09-2	Methylene Chloride	1	J
67-64-1	Acetone	2200	EJ
75-15-0	Carbon Disulfide	25	U
75-35-4	1,1-Dichloroethene	25	U
75-35-3	1,1-Dichloroethane	25	U
540-59-0	1,2-Dichloroethene (total)	25	U
67-66-3	Chloroform	25	U
107-06-2	1,2-Dichloroethane	25	U
78-93-3	2-Butanone	50	~~U~~R
71-55-6	1,1,1-Trichloroethane	25	U
56-23-5	Carbon Tetrachloride	25	U
108-05-4	Vinyl Acetate	50	U
75-27-4	Bromodichloromethane	25	U
78-87-5	1,2-Dichloropropane	25	U
10061-01-5	cis-1,3-Dichloropropene	25	U
79-01-6	Trichloroethene	25	U
124-48-1	Dibromochloromethane	25	U
79-00-5	1,1,2-Trichloroethane	25	U
71-43-2	Benzene	25	U
10061-02-6	Trans-1,3-Dichloropropene	25	U
75-25-2	Bromoform	25	U
108-10-1	4-Methyl-2-Pentanone	50	U
591-78-6	2-Hexanone	50	U
127-18-4	Tetrachloroethene	25	U
79-34-5	1,1,2,2-Tetrachloroethane	50	U
108-88-3	Toluene	25	U
108-90-7	Chlorobenzene	25	U
100-41-4	Ethylbenzene	25	U
100-42-5	Styrene	25	U
----------	Total Xylenes	25	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

G106

ab Name: ILLINOIS EPA Contract: 0316000025

Lab Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) WATER Lab Sample ID: D974378

Sample wt/vol: 1.0 (g/mL) ML Lab File ID: A0724BK07

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

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

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.

G106DL

ab Name: ILLINOIS EPA Contract: 0316000025

Lab Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) WATER Lab Sample ID: D974378

Sample wt/vol: 0.10 (g/mL) ML Lab File ID: A0730BK06

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

% Moisture: not dec. ____ Date Analyzed: 07/30/89

Column: (pack/cap) WIDE Dilution Factor: ~~1.00~~ 50

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

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	500	U
74-83-9	Bromomethane	500	U
75-01-4	Vinyl Chloride	500	U
75-00-3	Chloroethane	500	U
75-09-2	Methylene Chloride	250	U
67-64-1	Acetone	11000	D
75-15-0	Carbon Disulfide	250	U
75-35-4	1,1-Dichloroethene	250	U
75-35-3	1,1-Dichloroethane	250	U
540-59-0	1,2-Dichloroethene (total)	250	U
67-66-3	Chloroform	250	U
107-06-2	1,2-Dichloroethane	250	U
78-93-3	2-Butanone	500	~~U~~R
71-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	250	U
108-05-4	Vinyl Acetate	500	U
75-27-4	Bromodichloromethane	250	U
78-87-5	1,2-Dichloropropane	250	U
10061-01-5	cis-1,3-Dichloropropene	250	U
79-01-6	Trichloroethene	250	U
124-48-1	Dibromochloromethane	250	U
79-00-5	1,1,2-Trichloroethane	250	U
71-43-2	Benzene	250	U
10061-02-6	Trans-1,3-Dichloropropene	250	U
75-25-2	Bromoform	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
591-78-6	2-Hexanone	500	U
127-18-4	Tetrachloroethene	250	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U
108-88-3	Toluene	250	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	250	U
100-42-5	Styrene	250	U
	Total Xylenes	250	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

G106DL

ab Name: ILLINOIS EPA Contract: 0316000025

Lab Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) WATER Lab Sample ID: D974378

Sample wt/vol: 0.10 (g/mL) ML Lab File ID: A0730BK06

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

% Moisture: not dec. ____ Date Analyzed: 07/30/89

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

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G106

Lab Name: ILLINOIS EPA Contract: 0316000025

Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) WATER Lab Sample ID: D974378

Sample wt/vol: 1000 (g/mL) ML Lab File ID: AUG01HK08

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

% Moisture: not dec. ____ dec. ____ Date Extracted: 07/21/89

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 08/01/89

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	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	0.2	J
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.

G106

Lab Name: ILLINOIS EPA Contract: 0316000025

Lab Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) WATER Lab Sample ID: D974378

Sample wt/vol: 1000 (g/mL) ML Lab File ID: AUG01HK08

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

% Moisture: not dec. ____ dec. ____ Date Extracted: 07/21/89

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 08/01/89

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	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	0.5	J
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
117-81-7	bis(2-Ethylhexyl)Phthalate	10	U
218-01-9	Chrysene	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.

G106

Lab Name: ILLINOIS EPA Contract: 0315000025

Lab Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) _____ Lab Sample ID: 0974378

Sample wt/vol: 1000 (g/mL) ML Lab File ID: AUG01HK08T

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

% Moisture: not dec. _____ dec. _____ Date Extracted: 07/21/89

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 08/01/89

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

Number TICs found: 19

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	7.33	28	BAJ
2.	UNKNOWN	9.24	3.2	J
3.	UNKNOWN ALIP. HYDROCARBON	9.54	3.3	J
4.	UNKNOWN ALIP. HYDROCARBON	9.70	3.0	J
5.	UNKNOWN ALIP. HYDROCARBON	10.87	4.0	J
6.	UNKNOWN ALIP. HYDROCARBON	11.30	3.5	J
7.	UNKNOWN ALIP. HYDROCARBON	12.70	6.5	J
8.	UNKNOWN ALIP. HYDROCARBON	14.37	6.2	J
9.	UNKNOWN ALIP. HYDROCARBON	14.60	4.7	J
10.	UNKNOWN ALIP. HYDROCARBON	15.52	4.6	J
11.	UNKNOWN ALIP. HYDROCARBON	17.37	7.0	J
12.	UNKNOWN ALIP. HYDROCARBON	18.22	5.5	J
13.	UNKNOWN ALIP. HYDROCARBON	20.00	5.0	J
14.	UNKNOWN ALIP. HYDROCARBON	20.62	5.0	J
15.	UNKNOWN ALIP. HYDROCARBON	21.24	4.8	J
16.	UNKNOWN ALIP. HYDROCARBON	21.32	15	J
17.	UNKNOWN ALIP. HYDROCARBON	22.39	3.4	J
18.	UNKNOWN ALIP. HYDROCARBON	23.49	3.8	J
19.	UNKNOWN ALIP. HYDROCARBON	24.55	3.1	J

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

6-106

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

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

Matrix: (soil/water) water Lab Sample ID: D974378

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

Level: (low/med) low Date Received: 7/19/89

% Moisture: not dec. ___ dec. ___ Date Extracted: 7/21/89

Extraction: (SepF/Cont/Sonc) SepF Date Analyzed: 8/25/89

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	0.5	U
53494-70-5	Endrin ketone	0.10	U
5103-71-9	alpha-Chlordane	0.5	U
5103-74-2	gamma-Chlordane	0.5	U
8001-35-2	Toxaphene	1.0	U
12674-11-2	Aroclor-1016	0.5	U
11104-28-2	Aroclor-1221	0.5	U
11141-16-5	Aroclor-1232	0.5	U
53469-21-9	Aroclor-1242	0.5	U
12672-29-6	Aroclor-1248	0.5	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

G106

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: INTERLAKE PROPERTY COOK CO. #0316000024

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: 14

Matrix (soil/water): _____ Lab Sample ID: B910177

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

% Solids: _____

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	720			P	J
7440-36-0	Antimony	2.1	U	S	F	
7440-38-2	Arsenic	3	B	S	F	
7440-39-3	Barium	28	B		P	J
7440-41-7	Beryllium	0.6	U		P	
7440-43-9	Cadmium	2.8	B		P	
7440-70-2	Calcium	11000			P	
7440-47-3	Chromium	3.0	U		P	
7440-48-4	Cobalt	1.7	U		P	
7440-50-8	Copper	1.7	U		P	
7439-89-6	Iron	1100			P	
7439-92-1	Lead	38		S	F	
7439-95-4	Magnesium	4500	B		P	J
7439-96-5	Manganese	40			P	
7439-97-6	Mercury	1.2			AV	
7440-02-0	Nickel	9.4	B		P	J
7440-09-7	Potassium	3700	B		P	
7782-49-2	Selenium	1.2	U	S	F	
7440-22-4	Silver	2.3	U		P	
7440-23-5	Sodium	96000			P	
7440-28-0	Thallium	0.9	U	S	F	
7440-62-2	Vanadium	1.8	U		P	
7440-66-6	Zinc	11	U		P	
	Cyanide	10	U		AS	
	Sulfide	1000	U		T	
	Sulfate	13000			AS	

Color Before: Lt. Brown Clarity Before: Cloudy Texture: _____

Color After: Colorless Clarity After: Clear Artifacts: _____

Comments:

Sulfide SW846 Methodology
Sulfate IEPA Method

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G107

Lab Name: ILLINOIS EPA Contract: 0316000025

Lab Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) WATER Lab Sample ID: D974314

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: A0721BK07

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

% Moisture: not dec. ____ Date Analyzed: 07/21/89

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	5	U
67-64-1	Acetone	91	
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	10	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
----------	Total Xylenes	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

G107

ab Name: ILLINOIS EPA Contract: 0316000025

Lab Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) WATER Lab Sample ID: D974314

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: A0721BK07

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

% Moisture: not dec. _____ Date Analyzed: 07/21/89

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

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G107

Lab Name: ILLINOIS EPA Contract: 0316000025

Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) WATER Lab Sample ID: D974314

Sample wt/vol: 1000 (g/mL) ML Lab File ID: AUG01GK02

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

% Moisture: not dec. ____ dec. ____ Date Extracted: 07/21/89

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 08/01/89

GPC Cleanup: (Y/N) N pH: 6.0 Dilution Factor: 1.00

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

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G107

Lab Name: ILLINOIS EPA Contract: 0316000025

Lab Code: EPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) WATER Lab Sample ID: D974314

Sample wt/vol: 1000 (g/mL) ML Lab File ID: AUG01GK02

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

% Moisture: not dec. ____ dec. ____ Date Extracted: 07/21/89

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 08/01/89

GPC Cleanup: (Y/N) N pH: 6.0 Dilution Factor: 1.00

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

CAS NO.	COMPOUND		Q
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	50	U
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-10-6	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
117-81-7	bis(2-Ethylhexyl)Phthalate	10	U
218-01-9	Chrysene	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.

G107

Lab Name: ILLINOIS EPA Contract: 0316000025

L Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) _____ Lab Sample ID: D974314

Sample wt/vol: 1000 (g/mL) ML Lab File ID: AUG01GK02T

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

% Moisture: not dec. ____ dec. ____ Date Extracted: 07/21/89

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 08/01/89

GPC Cleanup: (Y/N) N pH: 6.0 Dilution Factor: 1.00

Number TICs found: 2

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	7.32	39	BAJ
2.	UNKNOWN	7.73	1.8	BJ

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

6107

Lab Name: Spring Field - I.E.P.A. Contract: Interlake

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

Matrix: (soil/water) water Lab Sample ID: D974314

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

Level: (low/med) low Date Received: 7/19/89

% Moisture: not dec. ____ dec. ____ Date Extracted: 7/21/89

Extraction: (SepF/Cont/Sonc) SepF Date Analyzed: 8/25/89

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	0.5	U
53494-70-5	Endrin ketone	0.10	U
5103-71-9	alpha-Chlordane	0.5	U
5103-74-2	gamma-Chlordane	0.5	U
8001-35-2	Toxaphene	1.0	U
12674-11-2	Aroclor-1016	0.5	U
11104-28-2	Aroclor-1221	0.5	U
11141-16-5	Aroclor-1232	0.5	U
53469-21-9	Aroclor-1242	0.5	U
12672-29-6	Aroclor-1248	0.5	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

G107

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: INTERLAKE PROPERTY COOK CO. #0316000024

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: 14

Matrix (soil/water): _____ Lab Sample ID: B910175

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

% Solids: _____

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	90	B		P	D
7440-36-0	Antimony	2.1	U	S	F	
7440-38-2	Arsenic	1.2	U	S	F	
7440-39-3	Barium	24	B		P	D
7440-41-7	Beryllium	0.6	U		P	
7440-43-9	Cadmium	1.2	U		P	
7440-70-2	Calcium	5100			P	
7440-47-3	Chromium	3.0	U		P	
7440-48-4	Cobalt	1.7	U		P	
7440-50-8	Copper	8.4	B		P	
7439-89-6	Iron	99	B		P	
7439-92-1	Lead	4	B	S	F	
7439-95-4	Magnesium	3300	B		P	D
7439-96-5	Manganese	5.2	B		P	
7439-97-6	Mercury	1.4			AV	
7440-02-0	Nickel	5.1	B		P	D
7440-09-7	Potassium	2200	B		P	
7782-49-2	Selenium	1.2	U	S	F	
7440-22-4	Silver	2.3	U		P	
7440-23-5	Sodium	78000			P	
7440-28-0	Thallium	0.9	U	S	F	
7440-62-2	Vanadium	1.8	U		P	
7440-66-6	Zinc	260			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 Method

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X101

Lab Name: ILLINOIS EPA Contract: 0316000025

Lab Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) SOIL Lab Sample ID: D974316

Sample wt/vol: 5.0 (g/mL) G Lab File ID: A0725BK02

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

% Moisture: not dec. 34 Date Analyzed: 07/25/89

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X101

Lab Name: ILLINOIS EPA Contract: 0316000025

Lab Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) SOIL Lab Sample ID: D974316

Sample wt/vol: 5.0 (g/mL) G Lab File ID: A0725BK02

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

% Moisture: not dec. 34 Date Analyzed: 07/25/89

Column (pack/cap) WIDE Dilution Factor: 1.00

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X101

Lab Name: ILLINOIS EPA Contract: 0316000025

Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) SOIL Lab Sample ID: D974316

Sample wt/vol: 30.1 (g/mL) G Lab File ID: AUG11GK10

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

% Moisture: not dec. 34 dec. ____ Date Extracted: 07/21/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/11/89

GPC Cleanup: (Y/N) Y pH: 6.0 Dilution Factor: 2.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	990	U
111-44-4	bis(2-Chloroethyl)Ether	990	U
95-57-8	2-Chlorophenol	990	U
541-73-1	1,3-Dichlorobenzene	990	U
106-46-7	1,4-Dichlorobenzene	990	U
100-51-6	Benzyl Alcohol	990	U
95-50-1	1,2-Dichlorobenzene	990	U
95-48-7	2-Methylphenol	990	U
39638-32-9	bis(2-Chloroisopropyl)Ether	990	U
106-44-5	4-Methylphenol	990	U
621-64-7	N-Nitroso-Di-n-Propylamine	990	U
67-72-1	Hexachloroethane	990	U
98-95-3	Nitrobenzene	990	U
78-59-1	Isophorone	990	U
88-75-5	2-Nitrophenol	990	U
105-67-9	2,4-Dimethylphenol	990	U
65-85-0	Benzoic Acid	4800	U
111-91-1	bis(2-Chloroethoxy)Methane	990	U
120-83-2	2,4-Dichlorophenol	990	U
120-82-1	1,2,4-Trichlorobenzene	990	U
91-20-3	Naphthalene	760	J
106-47-8	4-Chloroaniline	990	U
87-68-3	Hexachlorobutadiene	990	U
59-50-7	4-Chloro-3-Methylphenol	990	U
91-57-6	2-Methylnaphthalene	330	J
77-47-4	Hexachlorocyclopentadiene	990	U
88-06-2	2,4,6-Trichlorophenol	990	U
95-95-4	2,4,5-Trichlorophenol	4800	U
91-58-7	2-Chloronaphthalene	990	U
88-74-4	2-Nitroaniline	4800	U
131-11-3	Dimethyl Phthalate	990	U
208-96-8	Acenapnthylene	990	U
606-20-2	2,6-Dinitrotoluene	990	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X101

Lab Name: ILLINOIS EPA Contract: 0316000025

Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) SOIL Lab Sample ID: D974316

Sample wt/vol: 30.1 (g/mL) G Lab File ID: AUG11GK10

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

% Moisture: not dec. 34 dec. ____ Date Extracted: 07/21/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/11/89

GPC Cleanup: (Y/N) Y pH: 6.0 Dilution Factor: 2.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	4800	U
83-32-9	Acenaphthene	990	U
51-28-5	2,4-Dinitrophenol	4800	U
100-02-7	4-Nitrophenol	4800	U
132-64-9	Dibenzofuran	130	J
121-14-2	2,4-Dinitrotoluene	990	U
84-66-2	Diethylphthalate	990	U
7005-72-3	4-Chlorophenyl-phenylether	990	U
86-73-7	Fluorene	990	U
100-10-6	4-Nitroaniline	4800	U
534-52-1	4,6-Dinitro-2-Methylphenol	4800	U
86-30-6	N-Nitrosodiphenylamine (1)	990	U
101-55-3	4-Bromophenyl-phenylether	990	U
118-74-1	Hexachlorobenzene	990	U
87-86-5	Pentachlorophenol	4800	U
85-01-8	Phenanthrene	610	J
120-12-7	Anthracene	48	J
84-74-2	Di-n-Butylphthalate	990	U
206-44-0	Fluoranthene	970	J
129-00-0	Pyrene	880	J
85-68-7	Butylbenzylphthalate	990	U
91-94-1	3,3'-Dichlorobenzidine	2000	U
56-55-3	Benzo(a)Anthracene	640	J
117-81-7	bis(2-Ethylhexyl)Phthalate	990	U
218-01-9	Chrysene	420	J
117-84-0	Di-n-Octyl Phthalate	990	U
205-99-2	Benzo(b)Fluoranthene	510	J
207-08-9	Benzo(k)Fluoranthene	990	U
50-32-8	Benzo(a)Pyrene	990	U
193-39-5	Indeno(1,2,3-cd)Pyrene	990	U
53-70-3	Dibenz(a,h)Anthracene	990	U
191-24-2	Benzo(g,h,i)Perylene	990	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X101

Lab Name: ILLINOIS EPA Contract: 0316000025

Lab Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) _____ Lab Sample ID: D974316

Sample wt/vol: 30.1 (g/mL) ML Lab File ID: AUG11GK10T

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

% Moisture: not dec. 34 dec. ____ Date Extracted: 07/21/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/11/89

GPC Cleanup: (Y/N) Y pH: 6.0 Dilution Factor: 0.0301

Number TICs found: 18

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	7.22	6900	BAJ
2.	UNKNOWN	9.30	130	BJ
3.	UNKNOWN ALIP. HYDROCARBON	12.59	110	J
4.	UNKNOWN ALIP. HYDROCARBON	14.25	110	J
5.	UNKNOWN ALIP. HYDROCARBON	15.39	63	J
6.	UNKNOWN ALIP. HYDROCARBON	15.79	130	J
7.	UNK. METHYL NAPHTHALENE	16.19	97	J
8.	UNKNOWN PNA	16.85	60	BJ
9.	UNKNOWN ALIP. HYDROCARBON	17.24	120	J
10.	UNKNOWN	17.54	46	J
11.	UNK. DIMETHYL NAPHTHALENE	17.77	63	J
12.	UNK. DIMETHYL NAPHTHALENE	17.82	40	J
13.	UNKNOWN	18.10	78	J
14.	UNKNOWN ALIP. HYDROCARBON	21.10	1400	BJ
15.	UNKNOWN ALIP. HYDROCARBON	21.19	140	J
16.	UNKNOWN ALIP. HYDROCARBON	21.65	450	J
17.	UNKNOWN ALIP. HYDROCARBON	22.27	79	J
18.	UNKNOWN	28.27	3700	BJ

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

E.P.A. SAMPLE NO.

x101

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

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

Matrix: (soil/water): Soil Lab Sample ID: D974316

Sample wt/vol: 30.100 (g/mL) g Lab File ID:

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

% Moisture: not dec.34.2 dec. --- Date Extracted: 07-21-1989

Extraction: (SepF/Cont/Sonc) Sonc Date Analyzed: 08-25-1989

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	122	U
319-85-7	beta-BHC	122	U
319-86-8	delta-BHC	122	U
-89-9	gamma-BHC (Lindane)	122	U
/6-44-8	Heptachlor	122	U
309-00-2	Aldrin	122	U
1024-57-3	Heptachlor epoxide	122	U
959-98-8	Endosulfan I	122	U
60-57-1	Dieldrin	243	U
72-55-9	4,4'-DDE	54.9	J
72-20-8	Endrin	243	U
33213-65-9	Endosulfan II	243	U
72-54-8	4,4'-DDD	42.9	J
1031-07-8	Endosulfan sulfate	243	U
50-29-3	4,4'-DDT	33.3	J
72-43-5	Methoxychlor	1216	U
53494-70-5	Endrin ketone	243	U
5103-71-9	alpha-Chlordane	1216	U
5106-74-2	gamma-Chlordane	1216	U
8001-35-2	Toxaphene	2432	U
12674-11-2	Arochlor-1016	1216	U
11104-28-2	Aroclor-1221	1216	U
11141-16-5	Aroclor-1232	1216	U
53469-21-9	Aroclor-1242	1216	U
12672-29-6	Aroclor-1248	1216	U
11097-69-1	Aroclor-1254	2432	U
11096-82-5	Aroclor-1260	2432	U

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

X101

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: INTERLAKE PROPERTY COOK CO. #0316000024

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: 14

Matrix (soil/water): _____ Lab Sample ID: B910180

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

% Solids: 60.1

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	51000			P	
7440-36-0	Antimony	0.52	U	S	F	R
7440-38-2	Arsenic	4.8		S	F	
7440-39-3	Barium	520			P	
7440-41-7	Beryllium	7.3			P	
7440-43-9	Cadmium	0.7	B		P	J
7440-70-2	Calcium	236000			P	
7440-47-3	Chromium	33			P	
7440-48-4	Cobalt	3.9	B		P	J
7440-50-8	Copper	16			P	
7439-89-6	Iron	16900			P	
7439-92-1	Lead	20			P	J
7439-95-4	Magnesium	24000			P	
7439-96-5	Manganese	5100		N,*	P	J
7439-97-6	Mercury	0.05	U		AV	
7440-02-0	Nickel	11			P	J
7440-09-7	Potassium	3100			P	
7782-49-2	Selenium	4.6		S	F	
7440-22-4	Silver	2	B		P	J
7440-23-5	Sodium	1600			P	
7440-28-0	Thallium	0.20	U	S	F	
7440-62-2	Vanadium	34			P	
7440-66-6	Zinc	120			P	
	Cyanide	1.6			AS	

Color Before: Black Clarity Before: Opaque Texture: _____

Color After: Colorless Clarity After: Clear Artifacts: _____

Comments:

FORM I - IN 7/87

Rev. IFB Amendment One

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X102

Lab Name: ILLINOIS EPA Contract: 0316000025

Lab Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) SOIL Lab Sample ID: D974317

Sample wt/vol: 5.0 (g/mL) G Lab File ID: A0725BK04

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

% Moisture: not dec. 60 Date Analyzed: 07/25/89

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	25	U
74-83-9	Bromomethane	25	U
75-01-4	Vinyl Chloride	25	U
75-00-3	Chloroethane	25	U
75-09-2	Methylene Chloride	4	J
67-64-1	Acetone	130	J
75-15-0	Carbon Disulfide	13	U
75-35-4	1,1-Dichloroethene	13	U
75-35-3	1,1-Dichloroethane	13	U
540-59-0	1,2-Dichloroethene (total)	13	U
67-66-3	Chloroform	13	U
107-06-2	1,2-Dichloroethane	13	U
78-93-3	2-Butanone	9	J
71-55-6	1,1,1-Trichloroethane	13	U
56-23-5	Carbon Tetrachloride	13	U
108-05-4	Vinyl Acetate	25	U
75-27-4	Bromodichloromethane	13	U
78-87-5	1,2-Dichloropropane	13	U
10061-01-5	cis-1,3-Dichloropropene	13	U
79-01-6	Trichloroethene	13	U
124-48-1	Dibromochloromethane	13	U
79-00-5	1,1,2-Trichloroethane	13	U
71-43-2	Benzene	13	U
10061-02-6	Trans-1,3-Dichloropropene	13	U
75-25-2	Bromoform	13	U
108-10-1	4-Methyl-2-Pentanone	25	U
591-78-6	2-Hexanone	48	
127-18-4	Tetrachloroethene	13	U
79-34-5	1,1,2,2-Tetrachloroethane	25	U
108-88-3	Toluene	13	U
108-90-7	Chlorobenzene	13	U
100-41-4	Ethylbenzene	13	U
100-42-5	Styrene	13	U
----------	Total Xylenes	0.5	J

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X102

Lab Name: ILLINOIS EPA Contract: 0316000025

Lab Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) SOIL Lab Sample ID: D974317

Sample wt/vol: 5.0 (g/mL) G Lab File ID: A0725BK04

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

% Moisture: not dec. 60 Date Analyzed: 07/25/89

Column (pack/cap) WIDE Dilution Factor: 1.00

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X102

Lab Name: ILLINOIS EPA Contract: 0316000025

Lab Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) SOIL Lab Sample ID: D974317

Sample wt/vol: 30.1 (g/mL) G Lab File ID: AUG29GK03

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

% Moisture: not dec. 60 dec. ____ Date Extracted: 07/21/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/29/89

GPC Cleanup: (Y/N) Y pH: 7.0 Dilution Factor: 2.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	1600	U
111-44-4	bis(2-Chloroethyl)Ether	1600	U
95-57-8	2-Chlorophenol	1600	U
541-73-1	1,3-Dichlorobenzene	1600	U
106-46-7	1,4-Dichlorobenzene	1600	U
100-51-6	Benzyl Alcohol	1600	U
95-50-1	1,2-Dichlorobenzene	1600	U
95-48-7	2-Methylphenol	1600	U
39638-32-9	bis(2-Chloroisopropyl)Ether	1600	U
106-44-5	4-Methylphenol	1600	U
621-64-7	N-Nitroso-Di-n-Propylamine	1600	U
67-72-1	Hexachloroethane	1600	U
98-95-3	Nitrobenzene	1600	U
78-59-1	Isophorone	1600	U
88-75-5	2-Nitrophenol	1600	U
105-67-9	2,4-Dimethylphenol	1600	U
65-85-0	Benzoic Acid	8000	U
111-91-1	bis(2-Chloroethoxy)Methane	1600	U
120-83-2	2,4-Dichlorophenol	1600	U
120-82-1	1,2,4-Trichlorobenzene	1600	U
91-20-3	Naphthalene	1600	U
106-47-8	4-Chloroaniline	1600	U
87-68-3	Hexachlorobutadiene	1600	U
59-50-7	4-Chloro-3-Methylphenol	1600	U
91-57-6	2-Methylnaphthalene	1600	U
77-47-4	Hexachlorocyclopentadiene	1600	U
88-06-2	2,4,6-Trichlorophenol	1600	U
95-95-4	2,4,5-Trichlorophenol	8000	U
91-58-7	2-Chloronaphthalene	1600	U
88-74-4	2-Nitroaniline	8000	U
131-11-3	Dimethyl Phthalate	1600	U
208-96-8	Acenaphthylene	1600	U
606-20-2	2,6-Dinitrotoluene	1600	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X102

Lab Name: ILLINOIS EPA Contract: 0316000025

L Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) SOIL Lab Sample ID: D974317

Sample wt/vol: 30.1 (g/mL) G Lab File ID: AUG29GK03

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

% Moisture: not dec. 60 dec. ____ Date Extracted: 07/21/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/29/89

GPC Cleanup: (Y/N) Y pH: 7.0 Dilution Factor: 2.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	8000	U
83-32-9	Acenaphthene	1600	U
51-28-5	2,4-Dinitrophenol	8000	U
100-02-7	4-Nitrophenol	8000	U
132-64-9	Dibenzofuran	1600	U
121-14-2	2,4-Dinitrotoluene	1600	U
84-66-2	Diethylphthalate	1600	U
7005-72-3	4-Chlorophenyl-phenylether	1600	U
86-73-7	Fluorene	1600	U
100-10-6	4-Nitroaniline	8000	U
534-52-1	4,6-Dinitro-2-Methylphenol	8000	U
86-30-6	N-Nitrosodiphenylamine (1)	1600	U
101-55-3	4-Bromophenyl-phenylether	1600	U
118-74-1	Hexachlorobenzene	1600	U
87-86-5	Pentachlorophenol	8000	U
85-01-8	Phenanthrene	1600	U
120-12-7	Anthracene	1600	U
84-74-2	Di-n-Butylphthalate	1600	U
206-44-0	Fluoranthene	1600	U
129-00-0	Pyrene	1600	U
85-68-7	Butylbenzylphthalate	1600	U
91-94-1	3,3'-Dichlorobenzidine	3300	U
56-55-3	Benzo(a)Anthracene	1600	U
117-81-7	bis(2-Ethylhexyl)Phthalate	1600	U
218-01-9	Chrysene	1600	U
117-84-0	Di-n-Octyl Phthalate	1600	U
205-99-2	Benzo(b)Fluoranthene	1600	U
207-08-9	Benzo(k)Fluoranthene	1600	U
50-32-8	Benzo(a)Pyrene	1600	U
193-39-5	Indeno(1,2,3-cd)Pyrene	1600	U
53-70-3	Dibenz(a,h)Anthracene	1600	U
191-24-2	Benzo(g,h,i)Perylene	1600	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X102

Lab Name: ILLINOIS EPA Contract: 0316000025

Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) _____ Lab Sample ID: D974317

Sample wt/vol: 30.1 (g/mL) ML Lab File ID: AUG29GK03T

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

% Moisture: not dec. 60 dec. ____ Date Extracted: 07/21/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/29/89

GPC Cleanup: (Y/N) Y pH: 7.0 Dilution Factor: 0.0301

Number TICs found: 20

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	7.20	1400	BAJ
2.	UNKNOWN PNA	16.70	130	J
3.	UNKNOWN PNA	16.85	200	BJ
4.	UNKNOWN ALIP. HYDROCARBON	18.10	170	J
5.	UNKNOWN	18.85	150	J
6.	UNKNOWN ALIP. HYDROCARBON	19.89	150	J
7.	UNKNOWN	19.97	220	J
8.	UNKNOWN	20.50	140	J
9.	UNKNOWN ALIP. HYDROCARBON	21.12	54	J
10.	UNKNOWN ALIP. HYDROCARBON	21.20	110	J
11.	UNKNOWN	22.17	180	J
12.	UNKNOWN ALIP. HYDROCARBON	22.27	200	J
13.	UNKNOWN PHTHALATE	23.14	130	J
14.	UNKNOWN ALIP. HYDROCARBON	23.39	160	J
15.	UNKNOWN	23.82	150	J
16.	UNKNOWN	24.60	220	J
17.	UNKNOWN ALIP. HYDROCARBON	25.46	110	J
18.	UNKNOWN ALIP. HYDROCARBON	27.37	250	J
19.	UNKNOWN	28.31	310	BJ
20.	UNKNOWN	31.77	700	J

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

E.P.A. SAMPLE NO.

X102

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

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

Matrix: (soil/water): Soil Lab Sample ID: D974317

Sample wt/vol: 30.120 (g/mL) g Lab File ID:

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

% Moisture: not dec.60.7 dec. --- Date Extracted: '07-21-1989

Extraction: (SepF/Cont/Sonc) Sonc Date Analyzed: 08-25-1989

GPC Cleanup: (Y/N) Y pH: 7 Dilution Factor: 5

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	204	U
319-85-7	beta-BHC	204	U
319-86-8	delta-BHC	204	U
-89-9	gamma-BHC (Lindane)	69.8	J
76-44-8	Heptachlor	204	U
309-00-2	Aldrin	204	U
1024-57-3	Heptachlor epoxide	204	U
959-98-8	Endosulfan I	204	U
60-57-1	Dieldrin	407	U
72-55-9	4,4'-DDE	52.1	J
72-20-8	Endrin	407	U
33213-65-9	Endosulfan II	407	U
72-54-8	4,4'-DDD	276.5	J
1031-07-8	Endosulfan sulfate	407	U
50-29-3	4,4'-DDT	79.9	J
72-43-5	Methoxychlor	2036	U
53494-70-5	Endrin ketone	407	U
5103-71-9	alpha-Chlordane	2036	U
5106-74-2	gamma-Chlordane	2036	U
8001-35-2	Toxaphene	4071	U
12674-11-2	Aroclor-1016	2036	U
11104-28-2	Aroclor-1221	2036	U
11141-16-5	Aroclor-1232	2036	U
53469-21-9	Aroclor-1242	2036	U
12672-29-6	Aroclor-1248	2036	U
11097-69-1	Aroclor-1254	4071	U
11096-82-5	Aroclor-1260	4071	U

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

X102

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: INTERLAKE PROPERTY COOK CO. #0316000024

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: 14

Matrix (soil/water): _____ Lab Sample ID: B910181

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

% Solids: 31.2

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	5600			P	
7440-36-0	Antimony	0.09	U	W,S	F	R
7440-38-2	Arsenic	7.6	B	S	F	
7440-39-3	Barium	144			P	
7440-41-7	Beryllium	0.4			P	
7440-43-9	Cadmium	0.7			P	J
7440-70-2	Calcium	104000			P	
7440-47-3	Chromium	21			P	
7440-48-4	Cobalt	2.3	B		P	J
7440-50-8	Copper	24			P	
7439-89-6	Iron	21000			P	
7439-92-1	Lead	76			P	
7439-95-4	Magnesium	10500			P	
7439-96-5	Manganese	900		N,*	P	J
7439-97-6	Mercury	0.02	U		AV	
7440-02-0	Nickel	13	B		P	J
7440-09-7	Potassium	680			P	J
7782-49-2	Selenium	0.57	U	S	F	
7440-22-4	Silver	1.0	U		P	J
7440-23-5	Sodium	940			P	J
7440-28-0	Thallium	0.42	U	S	F	
7440-62-2	Vanadium	22	B		P	
7440-66-6	Zinc	200			P	
	Cyanide	1.7	U		AS	

Color Before: Black Clarity Before: Opaque Texture: _____

Color After: Colorless Clarity After: Clear Artifacts: _____

Comments:

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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X103

ab Name: ILLINOIS EPA Contract: 0316000025

Lab Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) SOIL Lab Sample ID: D974318

Sample wt/vol: 5.0 (g/mL) G Lab File ID: A0725BK05

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

% Moisture: not dec. 40 Date Analyzed: 07/25/89

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	17	U
74-83-9	Bromomethane	17	U
75-01-4	Vinyl Chloride	17	U
75-00-3	Chloroethane	17	U
75-09-2	Methylene Chloride	2	J
67-64-1	Acetone	80	J
75-15-0	Carbon Disulfide	8	U
75-35-4	1,1-Dichloroethene	8	U
75-35-3	1,1-Dichloroethane	8	U
540-59-0	1,2-Dichloroethene (total)	8	U
67-66-3	Chloroform	8	U
107-06-2	1,2-Dichloroethane	8	U
78-93-3	2-Butanone	7	J
71-55-6	1,1,1-Trichloroethane	8	U
56-23-5	Carbon Tetrachloride	8	U
108-05-4	Vinyl Acetate	17	U
75-27-4	Bromodichloromethane	8	U
78-87-5	1,2-Dichloropropane	8	U
10061-01-5	cis-1,3-Dichloropropene	8	U
79-01-6	Trichloroethene	8	U
124-48-1	Dibromochloromethane	8	U
79-00-5	1,1,2-Trichloroethane	8	U
71-43-2	Benzene	8	U
10061-02-6	Trans-1,3-Dichloropropene	8	U
75-25-2	Bromoform	8	U
108-10-1	4-Methyl-2-Pentanone	17	U
591-78-6	2-Hexanone	17	U
127-18-4	Tetrachloroethene	8	U
79-34-5	1,1,2,2-Tetrachloroethane	17	U
108-88-3	Toluene	8	U
108-90-7	Chlorobenzene	8	U
100-41-4	Ethylbenzene	8	U
100-42-5	Styrene	8	U
----------	Total Xylenes	8	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X103

ab Name: ILLINOIS EPA Contract: 0316000025

Lab Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) SOIL Lab Sample ID: D974318

Sample wt/vol: 5.0 (g/mL) G Lab File ID: A0725BK05

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

% Moisture: not dec. 40 Date Analyzed: 07/25/89

Column (pack/cap) WIDE Dilution Factor: 1.00

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X103

Lab Name: ILLINOIS EPA Contract: 0316000025

Lab Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) SOIL Lab Sample ID: D074318

Sample wt/vol: 30.1 (g/mL) G Lab File ID: AUG14GK03

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

% Moisture: not dec. 40 dec. ____ Date Extracted: 07/21/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/14/89

GPC Cleanup: (Y/N) Y pH: 7.0 Dilution Factor: 2.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)Ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl Alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
95-48-7	2-Methylphenol	1100	U
39638-32-9	bis(2-Chloroisopropyl)Ether	1100	U
106-44-5	4-Methylphenol	1100	U
621-64-7	N-Nitroso-Di-n-Propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
65-85-0	Benzoic Acid	5300	U
111-91-1	bis(2-Chloroethoxy)Methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	210	J
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-Methylphenol	1100	U
91-57-6	2-Methylnaphthalene	160	J
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
95-95-4	2,4,5-Trichlorophenol	5300	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	5300	U
131-11-3	Dimethyl Phthalate	1100	U
208-96-8	Acenaphthylene	26	J
606-20-2	2,6-Dinitrotoluene	1100	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X103

Lab Name: ILLINOIS EPA Contract: 0316000025

Lab Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) SOIL Lab Sample ID: D074318

Sample wt/vol: 30.1 (g/mL) G Lab File ID: AUG14GK03

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

% Moisture: not dec. 40 dec. ____ Date Extracted: 07/21/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/14/89

GPC Cleanup: (Y/N) Y pH: 7.0 Dilution Factor: 2.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	5300	U
83-32-9	Acenaphthene	270	J
51-28-5	2,4-Dinitrophenol	5300	U
100-02-7	4-Nitrophenol	5300	U
132-64-9	Dibenzofuran	200	J
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
86-73-7	Fluorene	360	J
100-10-6	4-Nitroaniline	5300	U
534-52-1	4,6-Dinitro-2-Methylphenol	5300	U
86-30-6	N-Nitrosodiphenylamine (1)	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	5300	U
85-01-8	Phenanthrene	5200	
120-12-7	Anthracene	910	J
84-74-2	Di-n-Butylphthalate	1100	U
206-44-0	Fluoranthene	5100	
129-00-0	Pyrene	4600	
85-68-7	Butylbenzylphthalate	1100	U
91-94-1	3,3'-Dichlorobenzidine	2200	U
56-55-3	Benzo(a)Anthracene	4500	
117-81-7	bis(2-Ethylhexyl)Phthalate	1100	U
218-01-9	Chrysene	4500	
117-84-0	Di-n-Octyl Phthalate	1100	U
205-99-2	Benzo(b)Fluoranthene	7400	
207-08-9	Benzo(k)Fluoranthene	3700	
50-32-8	Benzo(a)Pyrene	4100	
193-39-5	Indeno(1,2,3-cd)Pyrene	1100	U
53-70-3	Dibenz(a,h)Anthracene	1100	U
191-24-2	Benzo(g,h,i)Perylene	1100	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

(103

Lab Name: ILLINOIS EPA Contract: 0316000025

Lab Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) _____ Lab Sample ID: D074318

Sample wt/vol: 30.1 (g/mL) ML Lab File ID: AUG14GK03T

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

% Moisture: not dec. 40 dec. ____ Date Extracted: 07/21/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/14/89

GPC Cleanup: (Y/N) Y pH: 7.0 Dilution Factor: 0.0301

Number TICs found: 16

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	7.23	5000	BAJ
2.	UNKNOWN	9.34	170	BJ
3.	UNKNOWN	10.85	130	BJ
4.	UNKNOWN	13.74	84	J
.	UNK. METHYL NAPHTHALENE	16.24	57	J
6.	UNK. DIMETHYL NAPHTHALENE	17.59	46	J
7.	UNK. DIMETHYL NAPHTHALENE	17.80	71	J
8.	UNK. DIMETHYL NAPHTHALENE	17.85	36	J
9.	UNKNOWN ALIP. HYDROCARBON	18.14	87	J
10.	UNKNOWN	20.52	66	J
11.	UNKNOWN ALIP. HYDROCARBON	21.22	120	J
12.	UNKNOWN PNA	23.79	96	J
13.	UNKNOWN PNA	23.87	130	J
14.	UNKNOWN PNA	24.09	230	J
15.	UNKNOWN PNA	27.12	81	J
16.	UNKNOWN	28.31	4400	BJ

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

E.P.A. SAMPLE NO.

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

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

Matrix: (soil/water): Soil Lab Sample ID: D974318

Sample wt/vol: 30.160 (g/mL) g Lab File ID:

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

% Moisture: not dec.40.8 dec. --- Date Extracted: 07-21-1989

Extraction: (SepF/Cont/Sonc) Sonc Date Analyzed: 08-25-1989

GPC Cleanup: (Y/N) Y pH: 7 Dilution Factor: 5

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	135	U
319-85-7	beta-BHC	135	U
319-86-8	delta-BHC	135	U
-89-9	gamma-BHC (Lindane)	135	U
76-44-8	Heptachlor	135	U
309-00-2	Aldrin	135	U
1024-57-3	Heptachlor epoxide	135	U
959-98-8	Endosulfan I	135	U
60-57-1	Dieldrin	270	U
72-55-9	4,4'-DDE	11.3	J
72-20-8	Endrin	270	U
33213-65-9	Endosulfan II	270	U
72-54-8	4,4'-DDD	26.9	J
1031-07-8	Endosulfan sulfate	270	U
50-29-3	4,4'-DDT	17.0	J
72-43-5	Methoxychlor	1351	U
53494-70-5	Endrin ketone	270	U
5103-71-9	alpha-Chlordane	1351	U
5106-74-2	gamma-Chlordane	1351	U
8001-35-2	Toxaphene	2703	U
12674-11-2	Arochlor-1016	1351	U
11104-28-2	Aroclor-1221	1351	U
11141-16-5	Aroclor-1232	1351	U
53469-21-9	Aroclor-1242	1351	U
12672-29-6	Aroclor-1248	1351	U
11097-69-1	Aroclor-1254	2703	U
11096-82-5	Aroclor-1260	2703	U

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

X103

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: INTERLAKE PROPERTY COOK CO. #0316000024

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: 14

Matrix (soil/water): _____ Lab Sample ID: B910182

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

% Solids: 62.0

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	6400			P	
7440-36-0	Antimony	0.65	B	S	F	J
7440-38-2	Arsenic	5.1		S	F	
7440-39-3	Barium	83			P	
7440-41-7	Beryllium	0.9	B		P	
7440-43-9	Cadmium	1.9			P	J
7440-70-2	Calcium	107000			P	
7440-47-3	Chromium	98			P	
7440-48-4	Cobalt	4.2	B		P	J
7440-50-8	Copper	49			P	
7439-89-6	Iron	46000			P	
7439-92-1	Lead	128			P	
7439-95-4	Magnesium	27000			P	
7439-96-5	Manganese	4500		N.*	P	J
7439-97-6	Mercury	0.2			AV	
7440-02-0	Nickel	17			P	J
7440-09-7	Potassium	1300			P	J
7782-49-2	Selenium	0.28	U	S	F	
7440-22-4	Silver	0.50	U		P	J
7440-23-5	Sodium	560	B		P	J
7440-28-0	Thallium	0.21	U	S	F	
7440-62-2	Vanadium	111			P	
7440-66-6	Zinc	155			P	
	Cyanide	0.87	U		AS	

Color Before: Brown Clarity Before: Opaque Texture: _____

Color After: Green Clarity After: Clear Artifacts: _____

Comments:

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X104

Lab Name: ILLINOIS EPA Contract: 0316000025

Lab Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) SOIL Lab Sample ID: D974319

Sample wt/vol: 5.0 (g/mL) G Lab File ID: A0725BK06

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

% Moisture: not dec. 55 Date Analyzed: 07/25/89

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	22	U
74-83-9	Bromomethane	22	U
75-01-4	Vinyl Chloride	22	U
75-00-3	Chloroethane	22	U
75-09-2	Methylene Chloride	2	J
67-64-1	Acetone	110	J
75-15-0	Carbon Disulfide	11	U
75-35-4	1,1-Dichloroethene	11	U
75-35-3	1,1-Dichloroethane	11	U
540-59-0	1,2-Dichloroethene (total)	11	U
67-66-3	Chloroform	11	U
107-06-2	1,2-Dichloroethane	11	U
78-93-3	2-Butanone	22	UR
71-55-6	1,1,1-Trichloroethane	11	U
56-23-5	Carbon Tetrachloride	11	U
108-05-4	Vinyl Acetate	22	U
75-27-4	Bromodichloromethane	11	U
78-87-5	1,2-Dichloropropane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
79-01-6	Trichloroethene	11	U
124-48-1	Dibromochloromethane	11	U
79-00-5	1,1,2-Trichloroethane	11	U
71-43-2	Benzene	11	U
10061-02-6	Trans-1,3-Dichloropropene	11	U
75-25-2	Bromoform	11	U
108-10-1	4-Methyl-2-Pentanone	22	U
591-78-6	2-Hexanone	22	U
127-18-4	Tetrachloroethene	11	U
79-34-5	1,1,2,2-Tetrachloroethane	22	U
108-88-3	Toluene	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
100-42-5	Styrene	11	U
----------	Total Xylenes	11	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X104

Lab Name: ILLINOIS EPA Contract: 0316000025

Lab Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) SOIL Lab Sample ID: D974319

Sample wt/vol: 5.0 (g/mL) G Lab File ID: A0725BK06

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

% Moisture: not dec. 55 Date Analyzed: 07/25/89

Column (pack/cap) WIDE Dilution Factor: 1.00

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X104

Lab Name: ILLINOIS EPA Contract: 0316000025

Code: SFFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) SOIL Lab Sample ID: D974319

Sample wt/vol: 30.2 (g/mL) G Lab File ID: AUG11GK04

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

% Moisture: not dec. 55 dec. ____ Date Extracted: 07/21/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/11/89

GPC Cleanup: (Y/N) Y pH: 7.0 Dilution Factor: 2.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	1500	U
111-44-4	bis(2-Chloroethyl)Ether	1500	U
95-57-8	2-Chlorophenol	1500	U
541-73-1	1,3-Dichlorobenzene	1500	U
106-46-7	1,4-Dichlorobenzene	1500	U
100-51-6	Benzyl Alcohol	1500	U
95-50-1	1,2-Dichlorobenzene	1500	U
95-48-7	2-Methylphenol	1500	U
39638-32-9	bis(2-Chloroisopropyl)Ether	1500	U
106-44-5	4-Methylphenol	1500	U
621-64-7	N-Nitroso-Di-n-Propylamine	1500	U
67-72-1	Hexachloroethane	1500	U
98-95-3	Nitrobenzene	1500	U
78-59-1	Isophorone	1500	U
88-75-5	2-Nitrophenol	1500	U
105-67-9	2,4-Dimethylphenol	1500	U
65-85-0	Benzoic Acid	7100	U
111-91-1	bis(2-Chloroethoxy)Methane	1500	U
120-83-2	2,4-Dichlorophenol	1500	U
120-82-1	1,2,4-Trichlorobenzene	1500	U
91-20-3	Naphthalene	88	J
106-47-8	4-Chloroaniline	1500	U
87-68-3	Hexachlorobutadiene	1500	U
59-50-7	4-Chloro-3-Methylphenol	1500	U
91-57-6	2-Methylnaphthalene	1500	U
77-47-4	Hexachlorocyclopentadiene	1500	U
88-06-2	2,4,6-Trichlorophenol	1500	U
95-95-4	2,4,5-Trichlorophenol	7100	U
91-58-7	2-Chloronaphthalene	1500	U
88-74-4	2-Nitroaniline	7100	U
131-11-3	Dimethyl Phthalate	1500	U
208-96-8	Acenaphthylene	1500	U
606-20-2	2,6-Dinitrotoluene	1500	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X104

Lab Name: ILLINOIS EPA Contract: 0316000025

Lab Code: SFFLD Case No.: INLAKE SAS No.: SDG No.: D97431

Matrix: (soil/water) SOIL Lab Sample ID: D974319

Sample wt/vol: 30.2 (g/mL) G Lab File ID: AUG11GK04

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

% Moisture: not dec. 55 dec. Date Extracted: 07/21/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/11/89

GPC Cleanup: (Y/N) Y pH: 7.0 Dilution Factor: 2.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	7100	U
83-32-9	Acenaphthene	1500	U
51-28-5	2,4-Dinitrophenol	7100	U
100-02-7	4-Nitrophenol	7100	U
132-64-9	Dibenzofuran	1500	U
121-14-2	2,4-Dinitrotoluene	1500	U
84-66-2	Diethylphthalate	1500	U
7005-72-3	4-Chlorophenyl-phenylether	1500	U
86-73-7	Fluorene	1500	U
100-10-6	4-Nitroaniline	7100	U
534-52-1	4,6-Dinitro-2-Methylphenol	7100	U
86-30-6	N-Nitrosodiphenylamine (1)	1500	U
101-55-3	4-Bromophenyl-phenylether	1500	U
118-74-1	Hexachlorobenzene	1500	U
87-86-5	Pentachlorophenol	7100	U
85-01-8	Phenanthrene	240	J
120-12-7	Anthracene	1500	U
84-74-2	Di-n-Butylphthalate	1500	U
206-44-0	Fluoranthene	370	J
129-00-0	Pyrene	330	J
85-68-7	Butylbenzylphthalate	1500	U
91-94-1	3,3'-Dichlorobenzidine	2900	U
56-55-3	Benzo(a)Anthracene	1500	U
117-81-7	bis(2-Ethylhexyl)Phthalate	1500	U
218-01-9	Chrysene	1500	U
117-84-0	Di-n-Octyl Phthalate	1500	U
205-99-2	Benzo(b)Fluoranthene	1500	U
207-08-9	Benzo(k)Fluoranthene	1500	U
50-32-8	Benzo(a)Pyrene	1500	U
193-39-5	Indeno(1,2,3-cd)Pyrene	1500	U
53-70-3	Dibenz(a,h)Anthracene	1500	U
191-24-2	Benzo(g,h,i)Perylene	1500	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X104

Lab Name: ILLINOIS EPA Contract: 0316000025

Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) _____ Lab Sample ID: D974319

Sample wt/vol: 30.2 (g/mL) ML Lab File ID: AUG11GK04T

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

% Moisture: not dec. 55 dec. ____ Date Extracted: 07/21/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/11/89

GPC Cleanup: (Y/N) Y pH: 7.0 Dilution Factor: 0.0302

Number TICs found: 8

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	7.27	3300	BAJ
2.	UNKNOWN	9.35	89	BJ
3.	UNKNOWN	10.87	73	BJ
4.	UNKNOWN ALIP. HYDROCARBON	11.90	22	J
5.	UNKNOWN PNA	16.90	46	BJ
6.	UNKNOWN ALIP. HYDROCARBON	21.15	340	J
7.	UNKNOWN ALIP. HYDROCARBON	21.24	50	J
8.	UNKNOWN	28.32	4100	BJ

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

E.P.A. SAMPLE NO.

X104

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

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

Matrix: (soil/water): Soil Lab Sample ID: D974319

Sample wt/vol: 30.100 (g/mL) g Lab File ID:

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

% Moisture: not dec.55.8 dec. --- Date Extracted: 07-21-1989

Extraction: (SepF/Cont/Sonc) Sonc Date Analyzed: 08-25-1989

GPC Cleanup: (Y/N) Y pH: 7 Dilution Factor: 5

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	181	U
319-85-7	beta-BHC	181	U
319-86-8	delta-BHC	181	U
-89-9	gamma-BHC (Lindane)	181	U
76-44-8	Heptachlor	181	U
309-00-2	Aldrin	181	U
1024-57-3	Heptachlor epoxide	181	U
959-98-8	Endosulfan I	181	U
60-57-1	Dieldrin	362	U
72-55-9	4,4'-DDE	64.6	J
72-20-8	Endrin	362	U
33213-65-9	Endosulfan II	362	U
72-54-8	4,4'-DDD	168.4	J
1031-07-8	Endosulfan sulfate	362	U
50-29-3	4,4'-DDT	24.4	J
72-43-5	Methoxychlor	1810	U
53494-70-5	Endrin ketone	362	U
5103-71-9	alpha-Chlordane	1810	U
5106-74-2	gamma-Chlordane	1810	U
8001-35-2	Toxaphene	3620	U
12674-11-2	Aroclor-1016	1810	U
11104-28-2	Aroclor-1221	1810	U
11141-16-5	Aroclor-1232	1810	U
53469-21-9	Aroclor-1242	1810	U
12672-29-6	Aroclor-1248	1810	U
11097-69-1	Aroclor-1254	3620	U
11096-82-5	Aroclor-1260	3620	U

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

X104

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: INTERLAKE PROPERTY COOK CO. #0316000024

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: 14

Matrix (soil/water): _____ Lab Sample ID: B910183

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

% Solids: 35.9

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	6500			P	
7440-36-0	Antimony	0.80	U	S	F	R
7440-38-2	Arsenic	4.6		S	F	
7440-39-3	Barium	75	B		P	
7440-41-7	Beryllium	0.5	B		P	
7440-43-9	Cadmium	1	B		P	D
7440-70-2	Calcium	47000			P	
7440-47-3	Chromium	21			P	
7440-48-4	Cobalt	4.7	B		P	D
7440-50-8	Copper	23			P	
7439-89-6	Iron	17000			P	
7439-92-1	Lead	69			P	
7439-95-4	Magnesium	23000			P	
7439-96-5	Manganese	400		N,*	P	D
7439-97-6	Mercury	0.08			AV	
7440-02-0	Nickel	14.3	B		P	D
7440-09-7	Potassium	820	B		P	D
7782-49-2	Selenium	0.46	U	S	F	
7440-22-4	Silver	0.88	U		P	D
7440-23-5	Sodium	940	B		P	D
7440-28-0	Thallium	0.34	U	S	F	
7440-62-2	Vanadium	21			P	
7440-66-6	Zinc	160			P	
	Cyanide	1.4	U		AS	

Color Before: Brown Clarity Before: Opaque Texture: _____

Color After: Colorless Clarity After: Clear Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X105

ab Name: ILLINOIS EPA Contract: 0316000025

Lab Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) SOIL Lab Sample ID: D974320

Sample wt/vol: 5.0 (g/mL) G Lab File ID: A0725BK08

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

% Moisture: not dec. 18 Date Analyzed: 07/25/89

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	3	J
67-64-1	Acetone	49	J
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-35-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	12	UR
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	Trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
	Total Xylenes	6	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X105

ab Name: ILLINOIS EPA Contract: 0316000025

Lab Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) SOIL Lab Sample ID: D974320

Sample wt/vol: 5.0 (g/mL) G Lab File ID: A0725BK08

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

% Moisture: not dec. 18 Date Analyzed: 07/25/89

Column (pack/cap) WIDE Dilution Factor: 1.00

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X105

Lab Name: ILLINOIS EPA Contract: 0316000025

Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) SOIL Lab Sample ID: D974320

Sample wt/vol: 30.1 (g/mL) G Lab File ID: AUG14GK04

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

% Moisture: not dec. 18 dec. ____ Date Extracted: 07/21/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/14/89

GPC Cleanup: (Y/N) Y pH: 6.0 Dilution Factor: 2.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	800	U
111-44-4	bis(2-Chloroethyl)Ether	800	U
95-57-8	2-Chlorophenol	800	U
541-73-1	1,3-Dichlorobenzene	800	U
106-46-7	1,4-Dichlorobenzene	800	U
100-51-6	Benzyl Alcohol	800	U
95-50-1	1,2-Dichlorobenzene	800	U
95-48-7	2-Methylphenol	800	U
39638-32-9	bis(2-Chloroisopropyl)Ether	800	U
106-44-5	4-Methylphenol	800	U
621-64-7	N-Nitroso-Di-n-Propylamine	800	U
67-72-1	Hexachloroethane	800	U
98-95-3	Nitrobenzene	800	U
78-59-1	Isophorone	800	U
88-75-5	2-Nitrophenol	800	U
105-67-9	2,4-Dimethylphenol	800	U
65-85-0	Benzoic Acid	3900	U
111-91-1	bis(2-Chloroethoxy)Methane	800	U
120-83-2	2,4-Dichlorophenol	800	U
120-82-1	1,2,4-Trichlorobenzene	800	U
91-20-3	Naphthalene	96	J
106-47-8	4-Chloroaniline	800	U
87-68-3	Hexachlorobutadiene	800	U
59-50-7	4-Chloro-3-Methylphenol	800	U
91-57-6	2-Methylnaphthalene	66	J
77-47-4	Hexachlorocyclopentadiene	800	U
88-06-2	2,4,6-Trichlorophenol	800	U
95-95-4	2,4,5-Trichlorophenol	3900	U
91-58-7	2-Chloronaphthalene	800	U
88-74-4	2-Nitroaniline	3900	U
131-11-3	Dimethyl Phthalate	800	U
208-96-8	Acenaphthylene	800	U
606-20-2	2,6-Dinitrotoluene	800	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X105

Lab Name: ILLINOIS EPA Contract: 0316000025

Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) SOIL Lab Sample ID: D974320

Sample wt/vol: 30.1 (g/mL) G Lab File ID: AUG14GK04

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

% Moisture: not dec. 18 dec. ____ Date Extracted: 07/21/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/14/89

GPC Cleanup: (Y/N) Y pH: 6.0 Dilution Factor: 2.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	3900	U
83-32-9	Acenaphthene	320	J
51-28-5	2,4-Dinitrophenol	3900	U
100-02-7	4-Nitrophenol	3900	U
132-64-9	Dibenzofuran	78	J
121-14-2	2,4-Dinitrotoluene	800	U
84-66-2	Diethylphthalate	800	U
7005-72-3	4-Chlorophenyl-phenylether	800	U
86-73-7	Fluorene	130	J
100-10-6	4-Nitroaniline	3900	U
534-52-1	4,6-Dinitro-2-Methylphenol	3900	U
86-30-6	N-Nitrosodiphenylamine (1)	800	U
101-55-3	4-Bromophenyl-phenylether	800	U
118-74-1	Hexachlorobenzene	800	U
87-86-5	Pentachlorophenol	3900	U
85-01-8	Phenanthrene	1600	
120-12-7	Anthracene	250	J
84-74-2	Di-n-Butylphthalate	800	U
206-44-0	Fluoranthene	2900	
129-00-0	Pyrene	2700	
85-68-7	Butylbenzylphthalate	800	U
91-94-1	3,3'-Dichlorobenzidine	1600	U
56-55-3	Benzo(a)Anthracene	2900	
117-81-7	bis(2-Ethylhexyl)Phthalate	800	U
218-01-9	Chrysene	2300	
117-84-0	Di-n-Octyl Phthalate	800	U
205-99-2	Benzo(b)Fluoranthene	5000	
207-08-9	Benzo(k)Fluoranthene	3400	
50-32-8	Benzo(a)Pyrene	4600	
193-39-5	Indeno(1,2,3-cd)Pyrene	4800	
53-70-3	Dibenz(a,h)Anthracene	800	U
191-24-2	Benzo(g,h,i)Perylene	800	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X105

Lab Name: ILLINOIS EPA Contract: 0316000025

Lab Code: SFFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) _____ Lab Sample ID: D974320

Sample wt/vol: 30.1 (g/mL) ML Lab File ID: AUG14GK04T

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

% Moisture: not dec. 18 dec. ____ Date Extracted: 07/21/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/14/89

GPC Cleanup: (Y/N) Y pH: 6.0 Dilution Factor: 0.0301

Number TICs found: 20

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	7.27	3200	BAJ
2.	UNKNOWN	9.34	130	BJ
3.	UNKNOWN	10.85	140	BJ
4.	UNKNOWN ALIP. HYDROCARBON	15.64	39	J
.	UNK. METHYL NAPHTHALENE	16.24	30	J
6.	UNKNOWN PNA	16.90	60	J
7.	UNKNOWN ALIP. HYDROCARBON	17.29	48	J
8.	UNKNOWN ALIP. HYDROCARBON	17.59	35	J
9.	UNKNOWN ALIP. HYDROCARBON	18.15	38	J
10.	UNKNOWN ALIP. HYDROCARBON	19.94	56	J
11.	UNKNOWN ALIP. HYDROCARBON	21.15	76	J
12.	UNKNOWN ALIP. HYDROCARBON	21.22	95	J
13.	UNKNOWN PNA	24.10	99	J
14.	UNKNOWN PNA	27.12	100	J
15.	UNKNOWN PNA	27.29	58	J
16.	UNKNOWN PNA	27.41	58	J
17.	UNKNOWN	28.32	8000	BJ
18.	UNKNOWN PNA	28.96	28	J
19.	UNKNOWN ALIP. HYDROCARBON	31.91	43	J
20.	UNKNOWN ALIP. HYDROCARBON	35.74	33	J

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

E.P.A. SAMPLE NO.

X105

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

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

Matrix: (soil/water): Soil Lab Sample ID: D974320

Sample wt/vol: 30.020 (g/mL) g Lab File ID:

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

% Moisture: not dec.18.5 dec. --- Date Extracted: 07-21-1989

Extraction: (SepF/Cont/Sonc) Sonc Date Analyzed: 08-25-1989

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	98	U
319-85-7	beta-BHC	98	U
319-86-8	delta-BHC	98	U
[illegible]-89-9	gamma-BHC (Lindane)	98	U
76-44-8	Heptachlor	98	U
309-00-2	Aldrin	98	U
1024-57-3	Heptachlor epoxide	98	U
959-98-8	Endosulfan I	98	U
60-57-1	Dieldrin	196	U
72-55-9	4,4'-DDE	196	U
72-20-8	Endrin	196	U
33213-65-9	Endosulfan II	196	U
72-54-8	4,4'-DDD	196	U
1031-07-8	Endosulfan sulfate	196	U
50-29-3	4,4'-DDT	196	U
72-43-5	Methoxychlor	982	U
53494-70-5	Endrin ketone	196	U
5103-71-9	alpha-Chlordane	982	U
5106-74-2	gamma-Chlordane	982	U
8001-35-2	Toxaphene	1963	U
12674-11-2	Aroclor-1016	982	U
11104-28-2	Aroclor-1221	982	U
11141-16-5	Aroclor-1232	982	U
53469-21-9	Aroclor-1242	982	U
12672-29-6	Aroclor-1248	982	U
11097-69-1	Aroclor-1254	1963	U
11096-82-5	Aroclor-1260	1963	U

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

X105

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: INTERLAKE PROPERTY COOK CO. #0316000024

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: 14

Matrix (soil/water): _____ Lab Sample ID: B910184

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

% Solids: 72.7

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	8800			P	
7440-36-0	Antimony	0.39	U	S	F	R
7440-38-2	Arsenic	3.6		S	F	
7440-39-3	Barium	220			P	
7440-41-7	Beryllium	1.6			P	
7440-43-9	Cadmium	18			P	
7440-70-2	Calcium	110000			P	
7440-47-3	Chromium	710			P	
7440-48-4	Cobalt	15			P	
7440-50-8	Copper	52			P	
7439-89-6	Iron	25000			P	
7439-92-1	Lead	110			P	
7439-95-4	Magnesium	23000			P	
7439-96-5	Manganese	1100		N,*	P	J
7439-97-6	Mercury	0.23			AV	
7440-02-0	Nickel	69			P	J
7440-09-7	Potassium	600	B		P	J
7782-49-2	Selenium	0.24	U	S	F	
7440-22-4	Silver	2.8			P	J
7440-23-5	Sodium	480	B		P	J
7440-28-0	Thallium	0.18	U	S	F	
7440-62-2	Vanadium	170			P	
7440-66-6	Zinc	160			P	
	Cyanide	0.65			AS	

Color Before: Brown Clarity Before: Opaque Texture: _____

Color After: Green Clarity After: Clear Artifacts: _____

Comments:

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Rev. IFB Amendment One

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X106

Lab Name: ILLINOIS EPA Contract: 0316000025

Lab Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) SOIL Lab Sample ID: D974321

Sample wt/vol: 5.0 (g/mL) G Lab File ID: A0725BK09

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

% Moisture: not dec. 20 Date Analyzed: 07/25/89

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	13	U
74-83-9	Bromomethane	13	U
75-01-4	Vinyl Chloride	13	U
75-00-3	Chloroethane	13	U
75-09-2	Methylene Chloride	3	J
67-64-1	Acetone	62	J
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	2	J
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	13	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	Trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	13	U
591-78-6	2-Hexanone	13	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	13	U
108-88-3	Toluene	1	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.

X106

Lab Name: ILLINOIS EPA Contract: 0316000025

Lab Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) SOIL Lab Sample ID: D974321

Sample wt/vol: 5.0 (g/mL) G Lab File ID: A0725BK09

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

% Moisture: not dec. 20 Date Analyzed: 07/25/89

Column (pack/cap) WIDE Dilution Factor: 1.00

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X106

Lab Name: ILLINOIS EPA Contract: 0316000025

Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) SOIL Lab Sample ID: D974321

Sample wt/vol: 30.1 (g/mL) G Lab File ID: AUG11GK09

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

% Moisture: not dec. 20 dec. ____ Date Extracted: 07/21/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/11/89

GPC Cleanup: (Y/N) Y pH: 6.0 Dilution Factor: 2.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	820	U
111-44-4	bis(2-Chloroethyl)Ether	820	U
95-57-8	2-Chlorophenol	820	U
541-73-1	1,3-Dichlorobenzene	820	U
106-46-7	1,4-Dichlorobenzene	820	U
100-51-6	Benzyl Alcohol	820	U
95-50-1	1,2-Dichlorobenzene	820	U
95-48-7	2-Methylphenol	820	U
39638-32-9	bis(2-Chloroisopropyl)Ether	820	U
106-44-5	4-Methylphenol	820	U
621-64-7	N-Nitroso-Di-n-Propylamine	820	U
67-72-1	Hexachloroethane	820	U
98-95-3	Nitrobenzene	820	U
78-59-1	Isophorone	820	U
88-75-5	2-Nitrophenol	820	U
105-67-9	2,4-Dimethylphenol	820	U
65-85-0	Benzoic Acid	4000	U
111-91-1	bis(2-Chloroethoxy)Methane	820	U
120-83-2	2,4-Dichlorophenol	820	U
120-82-1	1,2,4-Trichlorobenzene	820	U
91-20-3	Naphthalene	51	J
106-47-8	4-Chloroaniline	820	U
87-68-3	Hexachlorobutadiene	820	U
59-50-7	4-Chloro-3-Methylphenol	820	U
91-57-6	2-Methylnaphthalene	820	U
77-47-4	Hexachlorocyclopentadiene	820	U
88-06-2	2,4,6-Trichlorophenol	820	U
95-95-4	2,4,5-Trichlorophenol	4000	U
91-58-7	2-Chloronaphthalene	820	U
88-74-4	2-Nitroaniline	4000	U
131-11-3	Dimethyl Phthalate	820	U
208-96-8	Acenaphthylene	820	U
606-20-2	2,6-Dinitrotoluene	820	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Y106

Lab Name: ILLINOIS EPA Contract: 0316000025

Lab Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) SOIL Lab Sample ID: D974321

Sample wt/vol: 30.1 (g/mL) G Lab File ID: AUG11GK09

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

% Moisture: not dec. 20 dec. ____ Date Extracted: 07/21/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/11/89

GPC Cleanup: (Y/N) Y pH: 6.0 Dilution Factor: 2.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	4000	U
83-32-9	Acenaphthene	24	J
51-28-5	2,4-Dinitrophenol	4000	U
100-02-7	4-Nitrophenol	4000	U
132-64-9	Dibenzofuran	29	J
121-14-2	2,4-Dinitrotoluene	820	U
84-66-2	Diethylphthalate	21	J
7005-72-3	4-Chlorophenyl-phenylether	820	U
86-73-7	Fluorene	25	J
100-10-6	4-Nitroaniline	4000	U
534-52-1	4,6-Dinitro-2-Methylphenol	4000	U
86-30-6	N-Nitrosodiphenylamine (1)	820	U
101-55-3	4-Bromophenyl-phenylether	820	U
118-74-1	Hexachlorobenzene	820	U
87-86-5	Pentachlorophenol	4000	U
85-01-8	Phenanthrene	540	J
120-12-7	Anthracene	90	J
84-74-2	Di-n-Butylphthalate	820	U
206-44-0	Fluoranthene	990	
129-00-0	Pyrene	940	
85-68-7	Butylbenzylphthalate	820	U
91-94-1	3,3'-Dichlorobenzidine	1600	U
56-55-3	Benzo(a)Anthracene	460	J
117-81-7	bis(2-Ethylhexyl)Phthalate	820	U
218-01-9	Chrysene	410	J
117-84-0	Di-n-Octyl Phthalate	820	U
205-99-2	Benzo(b)Fluoranthene	430	J
207-08-9	Benzo(k)Fluoranthene	820	U
50-32-8	Benzo(a)Pyrene	820	U
193-39-5	Indeno(1,2,3-cd)Pyrene	820	U
53-70-3	Dibenz(a,h)Anthracene	820	U
191-24-2	Benzo(g,h,i)Perylene	820	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X106

Lab Name: ILLINOIS EPA Contract: 0316000025

Code: SPFLD Case No.: INLAKE SAS No.: _____ SDG No.: D97431

Matrix: (soil/water) _____ Lab Sample ID: D974321

Sample wt/vol: 30.1 (g/mL) ML Lab File ID: AUG11GK09T

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

% Moisture: not dec. 20 dec. ____ Date Extracted: 07/21/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 08/11/89

GPC Cleanup: (Y/N) Y pH: 6.0 Dilution Factor: 0.0301

Number TICs found: 20

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN ALIP. HYDROCARBON	6.83	59	J
2.	UNKNOWN	7.23	3700	BAJ
3.	UNKNOWN	9.32	73	BJ
4.	UNKNOWN ALIP. HYDROCARBON	11.87	41	J
5.	UNKNOWN ALIP. HYDROCARBON	14.27	52	J
6.	UNKNOWN ALIP. HYDROCARBON	14.50	50	J
7.	UNKNOWN ALIP. HYDROCARBON	15.40	56	J
8.	UNKNOWN ALIP. HYDROCARBON	15.80	82	J
9.	UNKNOWN PNA	16.87	78	BJ
10.	UNKNOWN ALIP. HYDROCARBON	17.25	98	J
11.	UNKNOWN ALIP. HYDROCARBON	18.12	92	J
12.	UNKNOWN ALIP. HYDROCARBON	19.90	98	J
13.	UNKNOWN ALIP. HYDROCARBON	20.52	110	J
14.	UNKNOWN ALIP. HYDROCARBON	21.12	130	J
15.	UNKNOWN ALIP. HYDROCARBON	21.20	240	J
16.	UNKNOWN ALIP. HYDROCARBON	22.29	80	J
17.	UNKNOWN ALIP. HYDROCARBON	23.39	81	J
18.	UNKNOWN ALIP. HYDROCARBON	24.44	59	J
19.	UNKNOWN ALIP. HYDROCARBON	25.46	55	J
20.	UNKNOWN	28.29	4600	BJ

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

E.P.A. SAMPLE NO.

X106

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

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

Matrix: (soil/water): Soil Lab Sample ID: D974321

Sample wt/vol: 30.100 (g/mL) g Lab File ID:

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

% Moisture: not dec.20.4 dec. --- Date Extracted: 07-21-1989

Extraction: (SepF/Cont/Sonc) Sonc Date Analyzed: 08-25-1989

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	101	U
319-85-7	beta-BHC	101	U
319-86-8	delta-BHC	101	U
[illegible]-89-9	gamma-BHC (Lindane)	101	U
76-44-8	Heptachlor	101	U
309-00-2	Aldrin	101	U
1024-57-3	Heptachlor epoxide	101	U
959-98-8	Endosulfan I	101	U
60-57-1	Dieldrin	201	U
72-55-9	4,4'-DDE	201	U
72-20-8	Endrin	201	U
33213-65-9	Endosulfan II	201	U
72-54-8	4,4'-DDD	201	U
1031-07-8	Endosulfan sulfate	201	U
50-29-3	4,4'-DDT	201	U
72-43-5	Methoxychlor	1005	U
53494-70-5	Endrin ketone	201	U
5103-71-9	alpha-Chlordane	1005	U
5106-74-2	gamma-Chlordane	1005	U
8001-35-2	Toxaphene	2010	U
12674-11-2	Arochlor-1016	1005	U
11104-28-2	Aroclor-1221	1005	U
11141-16-5	Aroclor-1232	1005	U
53469-21-9	Aroclor-1242	1005	U
12672-29-6	Aroclor-1248	1005	U
11097-69-1	Aroclor-1254	2010	U
11096-82-5	Aroclor-1260	2010	U

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

X106

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: INTERLAKE PROPERTY COOK CO. #0316000024

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: 14

Matrix (soil/water): _____ Lab Sample ID: B910185

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

% Solids: 65.1

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	4900			P	
7440-36-0	Antimony	0.43	U	S	F	R
7440-38-2	Arsenic	2.7		S	F	
7440-39-3	Barium	75			P	
7440-41-7	Beryllium	0.4	B		P	
7440-43-9	Cadmium	0.7	B		P	D
7440-70-2	Calcium	66000			P	
7440-47-3	Chromium	21			P	
7440-48-4	Cobalt	3.8	B		P	D
7440-50-8	Copper	13			P	
7439-89-6	Iron	14000			P	
7439-92-1	Lead	40			P	
7439-95-4	Magnesium	30000			P	
7439-96-5	Manganese	1800		N,*	P	D
7439-97-6	Mercury	0.26			AV	
7440-02-0	Nickel	9.6			P	D
7440-09-7	Potassium	860	B		P	D
7782-49-2	Selenium	0.27	U	W,S	F	
7440-22-4	Silver	0.47	U		P	D
7440-23-5	Sodium	580	B		P	
7440-28-0	Thallium	0.20	U	S	F	
7440-62-2	Vanadium	28			P	
7440-66-6	Zinc	77			P	
	Cyanide	0.67	U		AS	

Color Before: Brown Clarity Before: Opaque Texture: _____

Color After: Colorless Clarity After: Clear Artifacts: _____

Comments:

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

X106

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: INTERLAKE PROPERTY COOK CO. #0316000024

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: 14

Matrix (soil/water): _____ Lab Sample ID: B910185

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

% Solids: 65.1

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	4900			P	
7440-36-0	Antimony	0.43	U	S	F	R
7440-38-2	Arsenic	2.7		S	F	
7440-39-3	Barium	75			P	
7440-41-7	Beryllium	0.4	B		P	
7440-43-9	Cadmium	0.7	B		P	J
7440-70-2	Calcium	66000			P	
7440-47-3	Chromium	21			P	
7440-48-4	Cobalt	3.8	B		P	J
7440-50-8	Copper	13			P	
7439-89-6	Iron	14000			P	
7439-92-1	Lead	40			P	
7439-95-4	Magnesium	30000			P	
7439-96-5	Manganese	1800		N,*	P	J
7439-97-6	Mercury	0.26			AV	
7440-02-0	Nickel	9.6			P	J
7440-09-7	Potassium	860	B		P	J
7782-49-2	Selenium	0.27	U	W,S	F	
7440-22-4	Silver	0.47	U		P	J
7440-23-5	Sodium	580	B		P	
7440-28-0	Thallium	0.20	U	S	F	
7440-62-2	Vanadium	28			P	
7440-66-6	Zinc	77			P	
	Cyanide	0.67	U		AS	

Color Before: Brown Clarity Before: Opaque Texture: _____

Color After: Colorless Clarity After: Clear Artifacts: _____

Comments:

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