Cook Co - IPC 8317403
Summit / IWI (Welco)

LAW OFFICES
JOHN L. PARKER & ASSOCIATES, LTD.
39 SOUTH LA SALLE STREET
CHICAGO, ILLINOIS 60603
(312) 263-6560

RECEIVED
2 ...4
ILL. E.P.A. - D.L.P.C.
STATE OF ILLINOIS

November 27, 1984

Mr. Richard Finley
Environmental Protection Specialist
Field Operations Section
Division of Land Pollution Control
Illinois Environmental Protection Agency
1701 First Avenue
Maywood, IL 60153

Re: I.W.I. Plant
Summit, Illinois

Dear Mr. Finley:

It has been several months since you obtained samples from the subject plant. This is another inquiry as to whether any of the sample analyses are available now. If so, please send us copies of them.

Once more, we request information from you as to the status of this matter.

Very truly yours,

John L. Parker

John L. Parker

JLP:dsc
Mailed - Certified Mail
Return Receipt Requested
No. 0408895

cc: Donald L. Gimbel, Esq.
Technical Advisor
Enforcement Programs
Illinois Environmental Protection Agency
1701 First Avenue
Maywood, IL 60153

RECEIVED
DEC 10 1984
IEPA-DLPC

Cook Co. - LPC 0-81-1961
Summit/I.W. Ind.

General

TO Mr. Charles Gebinen
ILLINOIS E.P.A.
Land Field Operations
1701 First Avenue
Maywood, Il. 60153

FROM Glenn Wellman

DATE March 31, 1981

RE CLOSED RECIRCULATING TANK WASHING SYSTEMS

WELLCO PRODUCTS COMPANY
DIVISION
I. W. I. INDUSTRIES

P. O. BOX 381 / SUMMIT, ILLINOIS 60501 / TELEPHONE AC 312 458-8700

Dear Mr. Gebinen:

In followup to our recent telephone conversation, I am pleased to enclose a typical drawing of the tank washing systems we manufacture and supply to the chemical industry, and as I mentioned, these systems vary in size and their end cleaning results. However, they are all based on the same basic concept which is completely closed loop cleaning systems.

I hope the information enclosed is sufficient in answering your request, and if further detail is required, please contact me.

Very truly yours,

WELLCO PRODUCTS COMPANY
DIVISION I.W.I. INDUSTRIES

Glenn Wellman

GW:pd
Encs.

RECEIVED
APR 3 1981
ILL. E.P.A. – D.L.P.C.
STATE OF ILLINOIS

RECEIVED
APR 06 1981
E.P.A. — D.L.P.C.
STATE OF ILLINOIS

RECEIVED
APR 13 1981
E.P.A. — D.L.P.C.
STATE OF ILLINOIS

FIELD SURVEY OF SLUDGE REMOVAL INFORMATION

NAME OF COMPANY: I. W. Industries (Wellco Chemical Co.)

ADDRESS OF COMPANY: 7738 W. 61st Place, Summit, Il

DATE OF INSPECTION: Nov. 6, 1980 FID #: 362 466 423 008 W

COMPANY REPRESENTATIVE CONTACTED: Glenn Wellman, President

INFORMATION OBTAINED

1. Description of pretreatment system: Closed loop cleaning of tanks for repair constitutes 1% of business

2. Types of sludge and process residues generated for disposal, including strippers and cleaners (specify constituents): Heel from 250-gallon paint containers.

3. Volume of sludge and process residues generated (per day, per week, etc.): 55 gal/mo

4. Frequency of removal: No removal is planned

5. Method of removal (specify drums, tank truck, etc.): No removal is planned.

6. Volume of sludge stored on Company's premises (specify type of container -- drums, tank, etc.): In 2 - 12,000 gallon tanks, above-ground (total 24,000 gallons)

7. Location of sludge storage: Inside company building

8. Name of sludge hauler: None

9. Sludge disposal site: None

10. Does Company have an adequate supply of Manifest forms? Yes ____ No X

11. General remarks: Mr. Wellman appears to be serious when he states that company is awaiting new technology which will make possible the manufacture of bricks from his sludge and, therefore, he intends to continue to store sludge.

RECEIVED
FEB 2 1981
ILL. E.P.A.
STATE OF ILLINOIS

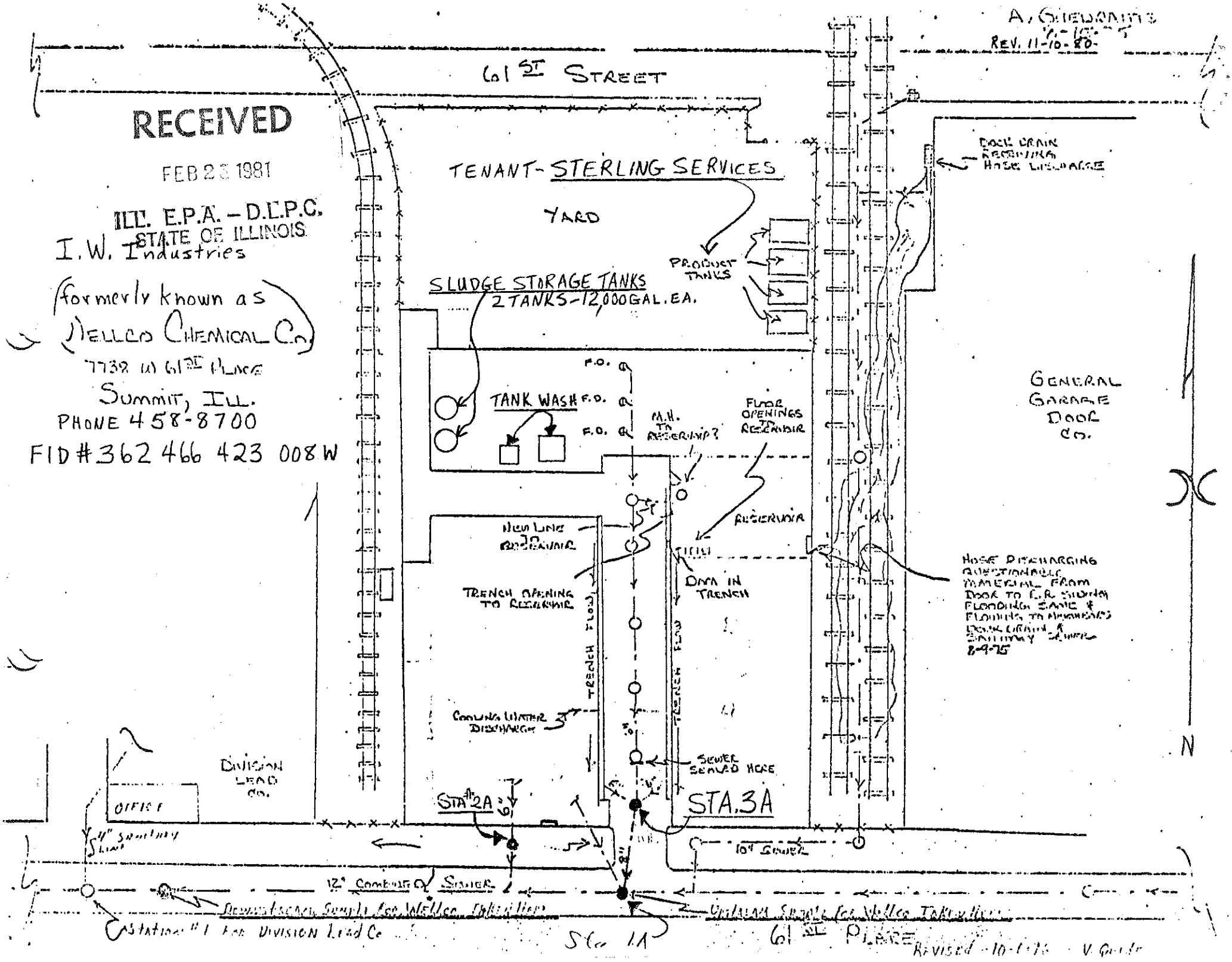
Reviewed by: P.C. J. Corcoran Inspection PCO T. Conroy

Is company permitted by state to store these types of wastes?

RECEIVED
FEB 23 1981
ILL. E.P.A. – D.L.P.C.
STATE OF ILLINOIS

I.W. Industries
(formerly known as Mellco Chemical Co)
7739 W 61st Place
Summit, Ill.
PHONE 458-8700
FID #362 466 423 008W

A. Giedraitis
Rev. 11-10-80



Revised 10-1-78 V. Giedr

Cook Co. - EPC C-81-196N
Summit / I. W. Ind.

TO Mr. Charles Gebinen
ILLINOIS E.P.A.
Land Field Operations
1701 First Avenue
Maywood, Il. 60153

FROM Glenn Wellman

DATE March 31, 1981

RE CLOSED RECIRCULATING TANK WASHING SYSTEMS

WELLCO PRODUCTS COMPANY
DIVISION
I. W. I. INDUSTRIES

P. O. BOX 381 / SUMMIT, ILLINOIS 60501 / TELEPHONE AC 312 458-8700

Deâr Mr. Gebinen:

In followup to our recent telephone conversation, I am pleased to enclose a typical drawing of the tank washing systems we manufacture and supply to the chemical industry, and as I mentioned, these systems vary in size and their end cleaning results. However, they are all based on the same basic concept which is completely closed loop cleaning systems.

I hope the information enclosed is sufficient in answering your request, and if further detail is required, please contact me.

Very truly yours,

WELLCO PRODUCTS COMPANY
DIVISION I.W.I. INDUSTRIES

Glenn Wellman

GW:pd
Encs.

RECEIVED
JUL 24 1981
ILL. E.P.A. – D.L.P.C.
STATE OF ILLINOIS

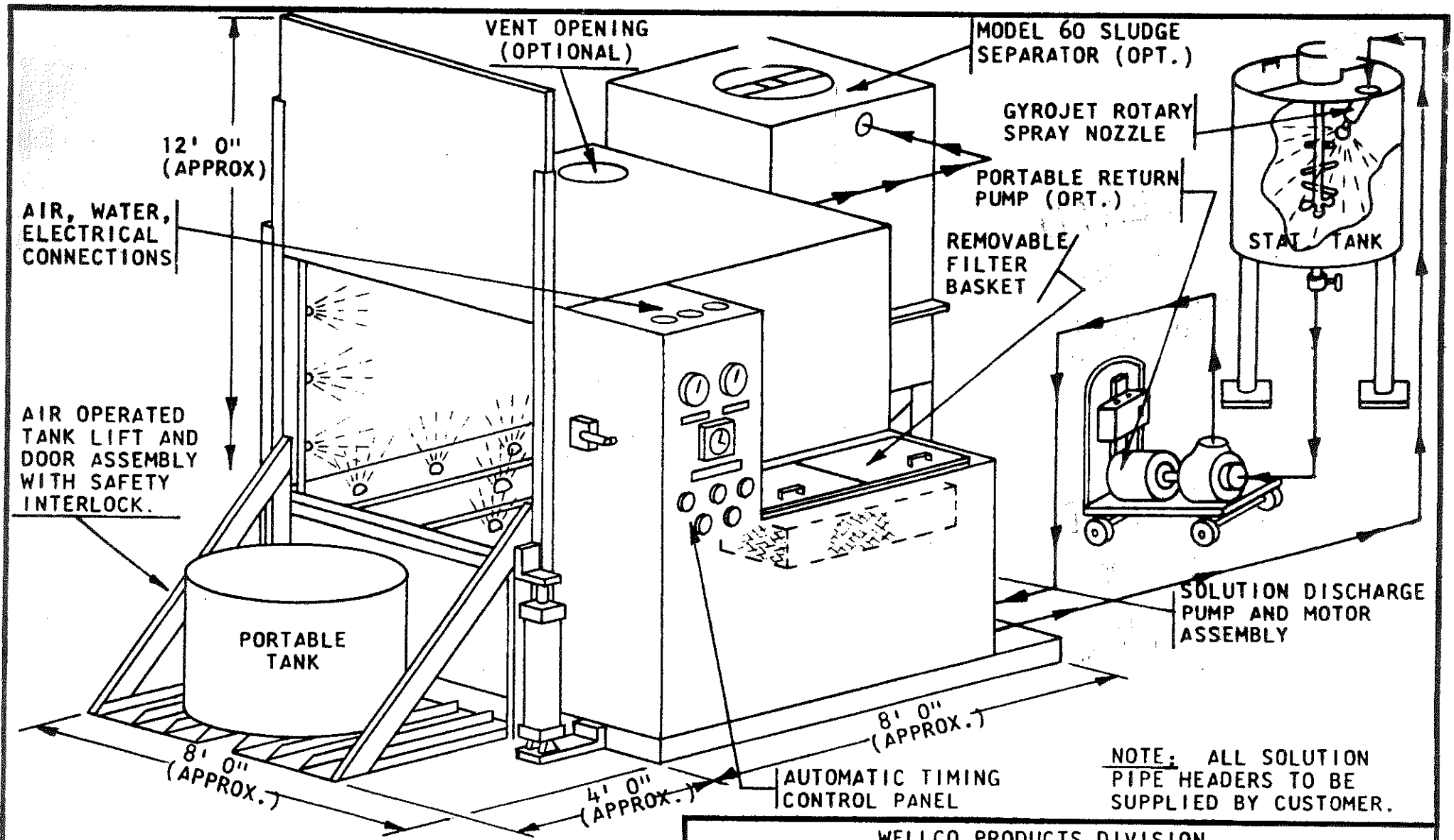
Phone call to Wellman 11:30 pm 4/6/81
Appt. Phone?

RECEIVED
APR 3 1981
ILL. E.P.A. – D.L.P.C.
STATE OF ILLINOIS

10 AM for FOS,
M.D.

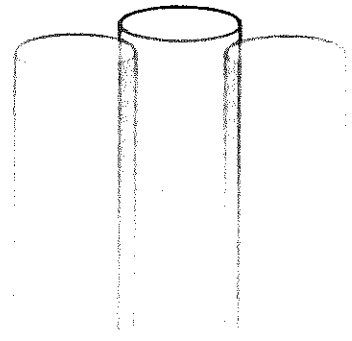
RECEIVED
JUL 20 1981
E.P.A. — D.L.P.C.
STATE OF ILLINOIS

RECEIVED
JUL 31 1981
E.P.A. — D.L.P.C.
STATE OF ILLINOIS



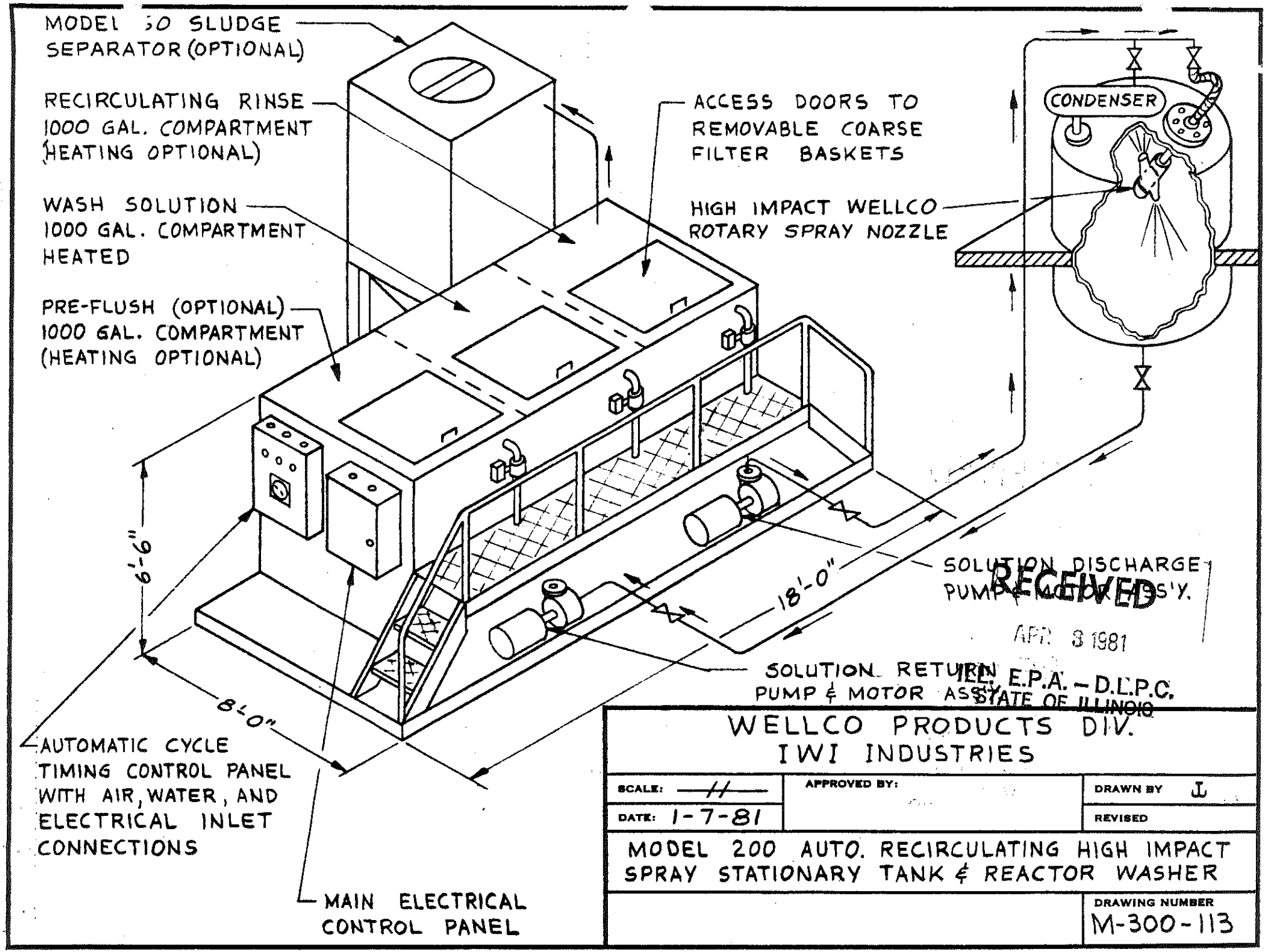
NOTE: ALL SOLUTION PIPE HEADERS TO BE SUPPLIED BY CUSTOMER.

4 DRUM POSITIONING RACK (OPT.)



WELLCO PRODUCTS DIVISION
I.W.I. INDUSTRIES
7738 W. 61ST PLACE * SUMMIT, IL. 60501

SCALE:	APPROVED BY:	DRAWN BY JC



8½X11 PRINTED ON NO. 1000H CLEARPRINT

Time Collected: 11:50 A

Lab # D021806

SPECIAL ANALYSIS FORM

Date Collected: 7/8/81

Date Received JUL 9 1981

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
COOK	SUMMIT / IWI INDUSTRIES	

SOURCE OF SAMPLE: (Exact Location) BBL ON DOCK WEST OF NORTHWESTERN BUILDING

PHYSICAL OBSERVATIONS, REMARKS: DARK GREEN; APPEARS TO BE PAINT SLUDGE; PAINT ODOR

X 102

TESTS REQUESTED: PAINT SOLVENTS

COLLECTED BY: MARK HANEY

TRANSPORTED BY: Mark Haney

LABORATORY

RECEIVED BY: JTH

DATE COMPLETED: 7/17/81

DATE FORWARDED: 7/17/81 D Hurley

Aliphatic hydrocarbons = 240. ug/g (PPM)
Isophorone = 210 ug/g

RECEIVED
JUL 17 1981
E.P.A. – D.L.P.C.
STATE OF ILLINOIS

LPC-8A 4/77

(NOT FOR DATA PROCESSING)

D021806

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND POLLUTION CONTROL
CHAIN OF CUSTODY

I certify that the samples listed below were collected in my presence and that each sample bottle was sealed intact by me and that I wrote my initials and the date on the seal of each bottle.

Site Inventory No. 03117403 County Cook

Federal I.D. No. _____ Summit / IW Industries (Facility Name)

SAMPLING TEAM

Sample No.	Consisting of the Indicated No. of Bottles	Date Collected	Time Sealed
X201	1	8/2/84	4:45 AM/PM
X202	1	8/2/84	4:55 AM/PM
X203	1	8/2/84	5:00 AM/PM
X204	1	8/2/84	5:05 AM/PM
X205	1	8/2/84	5:08 AM/PM
X206	1	8/2/84	5:13 AM/PM
X500	1	8/2/84	5:18 AM/PM
X501	1	8/2/84	5:20 AM/PM
X502	1	8/2/84	5:25 AM/PM
		8/2/84	AM/PM

Sealer's Signature Clifford Gould Date 8/2/84 Time 5:30 AM/PM

Sampler(s) B. Benning G. Sternard

CARRIERS

I certify I received the above samples, with each seal on each bottle intact and the sealer's initials written on each sample seal.

Relinquished By (Signature)	Date	Time	Received By (Signature)	Date	Time
C. Gould	8/3/84	2:00 AM/PM	Mary Wang	8-3-84	2:00 AM/PM
Mary Wang	8-3-84	3:01 AM/PM	[illegible]	8-3-84	3:01 AM/PM
[illegible]	8-3-84	[illegible] AM/PM	Jim Daugherty	8-3-84	4:00 AM/PM
Jim Daugherty	8-6-84	9:00 AM/PM	Janet Cruse	8-7-84	9:00 AM/PM
~~Janet Cruse~~	~~8-7-84~~	~~9:00 AM/PM~~			AM/PM
Janet Cruse	8-9-84	12:20 AM/PM			AM/PM
		AM/PM	SEP 11 1984		AM/PM

IEPA-DLPC

LAB CUSTODIAN

I certify I received the above samples with each seal on each bottle intact, and the sealer's initials written on each sample seal. After recording these samples in the official record book, these same samples will be in the custody of competent laboratory personnel at all times or locked in a secured area.

Signature Janet Cruse Date 8-7-84 Time 9:00 A.M. P.M.

sent to Chicago 8-9-84

Jim Daugherty 8/20/84 (100 samples) 11:30 AM

IL 532-1147
LPC 141 9/83

120-011

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND POLLUTION CONTROL
CHAIN OF CUSTODY

I certify that the samples listed below were collected in my presence and that each sample bottle was sealed intact by me and that I wrote my initials and the date on the seal of each bottle.

Site Inventory No. 0311 7403 County Cook

Federal I.D. No. Summit / IW Industries (Facility Name)

SAMPLING TEAM

Sample No.	Consisting of the Indicated No. of Bottles	Date Collected	Time Sealed
X201	1	8/2/84	4:45 AM/PM
X202	1	8/2/84	4:55 AM/PM
X203	1	8/2/84	5:00 AM/PM
X204	2	8/2/84	5:05 AM/PM
X205	1	8/2/84	5:08 AM/PM
X206	1	8/2/84	5:13 AM/PM
X207	1	8/2/84	5:15 AM/PM
X500	1	8/2/84	5:18 AM/PM
X501	1	8/2/84	5:20 AM/PM
X502	2	8/2/84	5:25 AM/PM

Sealer's Signature Clifford Stoulil Date 8/2/84 Time 5:30 AM/PM

Sampler(s) B. Banning G. Stornand

CARRIERS

I certify I received the above samples, with each seal on each bottle intact and the sealer's initials written on each sample seal.

Relinquished By (Signature)	Date	Time	Received By (Signature)	Date	Time
C. Stoulil	8/3/84	2:00 AM/PM	Mary Wanglen	8-3-84	2:00 AM/PM
Mary Wang	8-3-84	3:02 AM/PM	[illegible]	8-3-84	3:00 AM/PM
Clifford Stoulil	8/3/84	4:05 AM/PM	Jim Daugherty	8-3-84	4:00 AM/PM
Jim Daugherty	8/6/84	9:00 AM/PM	Janet Cruse	8-7-84	9:00 AM/PM
		AM/PM			AM/PM
		AM/PM			AM/PM
		AM/PM			AM/PM

LAB CUSTODIAN

I certify I received the above samples with each seal on each bottle intact, and the sealer's initials written on each sample seal. After recording these samples in the official record book, these same samples will be in the custody of competent laboratory personnel at all times or locked in a secured area.

Signature Janet Cruse Date 8-7-84 Time 9:00 A.M. P.M.

RECEIVED
MAY 15 1985
IEPA-DLPC

IL 532-1147
LPC 141 9/83

120-011

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND POLLUTION CONTROL
CHAIN OF CUSTODY

I certify that the samples listed below were collected in my presence and that each sample bottle was sealed intact by me and that I wrote my initials and the date on the seal of each bottle.

Site Inventory No. 0311740 3 County Cook

Federal I.D. No. Summit / IW Industries (Facility Name)

SAMPLING TEAM

Sample No.	Consisting of the Indicated No. of Bottles	Date Collected	Time Sealed
X503	1	8/2/84	5:27 AM/PM
X504	1	8/2/84	5:28 AM/PM
X505	1	8/2/84	5:30 AM/PM
			AM/PM
			AM/PM
			AM/PM
			AM/PM
			AM/PM
			AM/PM
			AM/PM

Sealer's Signature Clifford Gould Date 8/2/84 Time 5:30 AM/PM

Sampler(s) B. Benning G. Stemond Mary Wang

CARRIERS

I certify I received the above samples, with each seal on each bottle intact and the sealer's initials written on each sample seal.

Relinquished By (Signature)	Date	Time	Received By (Signature)	Date	Time
C. Gould	8/3/84	2:00 AM/PM	Mary Wang	8-3-84	2:00 AM/PM
Mary Wang	8-3-84	3:00 AM/PM	[illegible]	8-3-84	AM/PM
		AM/PM	Jim Daugherty	8-3-84	4:00 AM/PM
Jim Daugherty	8/6/84	9:00 AM/PM	Janet Cruse	8-7-84	9:00 AM/PM
		AM/PM			AM/PM
		AM/PM			AM/PM
		AM/PM			AM/PM

LAB CUSTODIAN

I certify I received the above samples with each seal on each bottle intact, and the sealer's initials written on each sample seal. After recording these samples in the official record book, these same samples will be in the custody of competent laboratory personnel at all times or locked in a secured area.

Signature Janet Cruse Date 8-7-84 Time 9:00 A.M. P.M.

RECEIVED
MAY 15 1985
IEPA-DLPC

IL 532-1147
LPC 141 9/83

120-011

Sampling Purpose 0 2

Indicate Program Code 41

C00969 AUG20'84

Time Collected: _____ Lab #

SPECIAL ANALYSIS FORM

Date Collected: 8/2/84 Date Received _____

X201

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit/IW Industries	03117403

SOURCE OF SAMPLE: (Exact Location) 55 gal drum with Wellco label - Grease drum from left, bottom layer.

SAMPLE NOT COMPATIBLE WITH EXTRACTION PROCEDURE TOXICITY

PHYSICAL OBSERVATIONS, REMARKS: Multi phase liquid.

TESTS REQUESTED: "SW-846 ANALYTICAL PROCEDURES MUST BE FOLLOWED"
See attached list.

COLLECTED BY: Brad Bercenny TRANSPORTED BY: C. Howell

LABORATORY

RECEIVED BY: N. Jacke DATE COMPLETED: DATE FORWARDED: OCT. 10, 1984

~~As~~
~~Se~~
~~Hg~~
~~Ba~~
~~Cd~~
~~Cr~~
~~Pb~~

J Daugherty

RECEIVED
OCT 11 1984
IEPA-DLPC

SAMPLE NOT COMPATIBLE WITH EXTRACTION PROCEDURE TOXICITY

flashpoint - no flashpoint determined up to 200°F.

Environmental Protection Agency
Division of Laboratory Services
2121 W. Taylor Street
Chicago, Illinois 60612

LPC-8A 4/77 (NOT FOR DATA PROCESSING)

C000969

Parameters

pH
Flash Point
EP Tox for:
As
Ba
Cd
Cr
Pb
Hg
~~Endrin~~
Lindane
Methoxychlor
~~Toxaphene~~
2,4,-D
2,4,5-TP

RECEIVED
OCT 11 1984
IEPA-DLPC

Trichloroethylene
· ~~Methylene~~ Chloride
· 1,1,1-trichloroethane
· Tetrachloroethylene
· Chlorobenzene
· Trichlorofluoromethane
· ~~Xylene~~
~~Acetone~~
· Cresols
· Cresylic Acid
· Nitrobenzene

· Toluene
· Methyl Ethyl Ketone
· Carbon Disulfide
· Isobutanol
· ~~Pyridine~~
· Carbon Tetrachloride
· Orthodichlorobenzene

FILE

Sampling Purpose 0 2

Indicate Program Code 41

U035103

Time Collected: 14:30

Lab #

SPECIAL ANALYSIS FORM

Date Collected: 8/2/84

Date Received AUG 7 1984

X201

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit / IW Industries	03117403

SOURCE OF SAMPLE: (Exact Location) 55 gal drum with Wellco label - GREASE - 3d drum from left, bottom layer

PHYSICAL OBSERVATIONS, REMARKS: Multi phase liquid

TESTS REQUESTED: "SW-846 ANALYTICAL PROCEDURES MUST BE FOLLOWED"
See attached list

COLLECTED BY: Brad Browning TRANSPORTED BY: C. Hoult

LABORATORY

RECEIVED BY: JC/SB DATE COMPLETED: DATE FORWARDED: 6/25/85 J Hurley

Did not flash up to 150°F

see attached sheets

U035103

LPC-8A 4/77 (NOT FOR DATA PROCESSING)

Parameters

pH
Flash Point
EP Tox for:
- As
- Ba
- Cd
- Cr
- Pb
- Hg
- Endrin
- Lindane
- Methoxychlor
- Toxaphene
- 2,4,-D
- 2,4,5-TP

- Trichloroethylene
- Methylene Chloride
- 1,1,1-trichloroethane
- Tetrachloroethylene
- Chlorobenzene
- Trichlorofluoromethane
- ~~Xylene~~
- ~~Acetone~~
- Cresols
- Cresylic Acid
- Nitrobenzene
- Toluene
- Methyl Ethyl Ketone
- Carbon Disulfide
- Isobutanol
- Pyridine
- Carbon Tetrachloride
- Orthodichlorobenzene

Sample Number 35168

Parameter	µg/g (PPM)	Parameter	
Lindane	<0.5µg/g		
Endrin	<0.5µg/g		
Methoxychlor	<2.5µg/g		
Toxaphene	<25µg/g		
2,4D	<1µg/g		
Silvex	<0.5µg/g		

35168
Sample Number

Reported By

JH

35168

COMPOUND	CONCENTRATION
Vinyl chloride	–
Chloroethane	–
Methylene chloride	830
Bromochloromethane	ND
1,1-Dichloroethylene	"
1,1-Dichloroethane	"
1,2-Dichloroethylene	"
Chloroform	"
1,2-Dichloroethane	"
1,1,1-Trichloroethane	40
Carbon tetrachloride	ND
Bromodichloromethane	"
1,2-Dichloropropane	"
Trichloroethylene	"
Benzene	TRACE
Dibromochloromethane	ND
Bromoform	"
1,1,2,2-Tetrachloroethane	"
Tetrachloroethylene	TRACE
Toluene	270
Chlorobenzene	ND
Ethylbenzene	270
Xylenes	830
DETECTION LIMIT	40
UNITS	ug/g (PPM)

JH

35168

COMPOUND	CONCENTRATION	COMPOUND	CONCENTRATION
0-Dichlorobenzene	ND	2-Chlorophenol	ND
Bis(2-chloroethyl)ether	"	2-Nitrophenol	"
Nitrobenzene	"	Phenol	"
Hexachlorobutadiene	"	2,4-Dimethylphenol	"
1,2,4-Trichlorobenzene	"	2,4-Dichlorophenol	"
Isophorone	"	2,4,6-Trichlorophenol	"
Naphthalene	140	4-Chloro-3-methyphenol	"
Methylnaphthalene	50	2,4-Dinitrophenol	"
Dimethylnaphthalene	TRACE	2-Methyl-4,6-dinitrophenol	"
Trimethylnaphthalene	ND	4-Nitrophenol	"
Hexachlorocyclopentadiene	"	PHTHALATES	2200*
Acenaphthylene	"		
Dibenzofuran	"		
Acenaphthene	"		
Fluorene	"		
2,4-Dinitrotoluene	"		
Phenanthrene	"		
Anthracene	"		
Fluoranthene	"		
Pyrene	"		
Benzidine	"		
Chrysene	"		
Benzo(a)anthracene	"		
3,3'-Dichlorobenzidine	"		
C_3 SUBSTITUTED BENZENES	170		
C_4 SUBSTITUTED BENZENES	420		
C_5 SUBSTITUTED BENZENES	220		
METHYL INDENES	40		
ALIPHATIC HYDROCARBONS	3300		
ALIPHATIC ACIDS	8400		
OTHER ORGANIC COMPOUNDS	1300*		
DETECTION LIMIT	40		
UNITS	ug/g (PPM)		

*TENTATIVE

QH

Sampling Purpose 0 2

Indicate Program Code 41

Time Collected: 1440

Date Collected: 8/2/84

Lab # C00970 AUG20'84

SPECIAL ANALYSIS FORM

X202

Date Received

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY: Cook

FILE HEADING: Summit / IW Industries

FILE NUMBER: 03117403

SOURCE OF SAMPLE: (Exact Location) 55 gal drum w/o label

SAMPLE NOT COMPATIBLE WITH EXTRACTION PROCEDURE TOXICITY

PHYSICAL OBSERVATIONS, REMARKS: oily liquid, brown color field pH 11.

TESTS REQUESTED: "SW-846 ANALYTICAL PROCEDURES MUST BE FOLLOWED"

See attached list

COLLECTED BY: Brad Benning

TRANSPORTED BY:

LABORATORY

RECEIVED BY: M. Jacobs

DATE COMPLETED:

DATE FORWARDED: OCT 10, 1984

As
Se
Hg
Ba
Cd
Cr
Pb

J Daugherty

RECEIVED
OCT 11 1984
IEPA-DLPC

SAMPLE NOT COMPATIBLE WITH EXTRACTION PROCEDURE TOXICITY

flashpoint - no flashpoint determined up to 200°F.

Environmental Protection Agency
Division of Laboratory Services
2121 W. Taylor Street
Chicago, Illinois 60612

C000970

LPC-8A 4/77 (NOT FOR DATA PROCESSING)

Parameters

pH
Flash Point
EP Tox for:
As
Ba
Cd
Cr
Pb
Hg
~~Endrin~~
Lindane
Methoxychlor
Toxaphene
2,4,-D
2,4,5-TP

RECEIVED
OCT 11 1984
IEPA-DLPC

- Trichloroethylene
- Methylene Chloride
- 1,1,1-trichloroethane
- Tetrachloroethylene
- Chlorobenzene
- Trichlorofluoromethane
- ~~Xylene~~
- ~~Acetone~~
- Cresols
- Cresylic Acid
- Nitrobenzene
- Toluene
- Methyl Ethyl Ketone
- Carbon Disulfide
- Isobutanol
- Pyridine
- Carbon Tetrachloride
- Orthodichlorobenzene

Sampling Purpose 0 2

Indicate Program Code 41

Time Collected: 1440

Date Collected: 8/2/84

Lab # 00051699

SPECIAL ANALYSIS FORM

X202

Date Received 7 1984

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit / IW Industries	03117403

SOURCE OF SAMPLE: (Exact Location) 55 gal drum w/o label

PHYSICAL OBSERVATIONS, REMARKS: oily liquid, brown color, field pH 11.

TESTS REQUESTED: "SW-846 ANALYTICAL PROCEDURES MUST BE FOLLOWED"
See attached list

COLLECTED BY: Brad Benning TRANSPORTED BY: C. Gould

LABORATORY

RECEIVED BY: 8/8 DATE COMPLETED: DATE FORWARDED: 6/25/85 D. Hurley

Not suitable for flash point

00051699

LPC-8A 4/77 (NOT FOR DATA PROCESSING)

Parameters

pH
Flash Point
EP Tox for:
- As
- Ba
- Cd
- Cr
- Pb
- Hg
- Endrin
- Lindane
- Methoxychlor
- Toxaphene
- 2,4,-D
- 2,4,5-TP

- Trichloroethylene
- Methylene Chloride
- 1,1,1-trichloroethane
- Tetrachloroethylene
- Chlorobenzene
- Trichlorofluoromethane
- ~~Xylene~~
- ~~Acetone~~
- Cresols
- Cresylic Acid
- Nitrobenzene
- Toluene
- Methyl Ethyl Ketone
- Carbon Disulfide
- Isobutanol
- Pyridine
- Carbon Tetrachloride
- Orthodichlorobenzene

Sample Number 35169

Parameter	µg/g (PPM)	Parameter	
Lindane	<0.5µg/g		
Endrin	<0.5µg/g		
Methoxychlor	<2.5µg/g		
Toxaphene	<25µg/g		
2,4D	<1µg/g		
Silvex	<0.5µg/g		

35169
Sample Number

Reported By

2H

3569

COMPOUND	CONCENTRATION	COMPOUND	CONCENTRATION
0-Dichlorobenzene	ND	2-Chlorophenol	ND
Bis(2-chloroethyl)ether	"	2-Nitrophenol	"
Nitrobenzene	"	Phenol	"
Hexachlorobutadiene	"	2,4-Dimethylphenol	"
1,2,4-Trichlorobenzene	"	2,4-Dichlorophenol	"
Isophorone	"	2,4,6-Trichlorophenol	"
Naphthalene	27,000	4-Chloro-3-methyphenol	"
Methylnaphthalene	37,000	2,4-Dinitrophenol	"
Dimethylnaphthalene	34,000	2-Methyl-4,6-dinitrophenol	"
Trimethylnaphthalene	16,000	4-Nitrophenol	"
Hexachlorocyclopentadiene	ND		
Acenaphthylene	"		
Dibenzofuran	"		
Acenaphthene	"		
Fluorene	"		
2,4-Dinitrotoluene	"		
Phenanthrene /	—		
Anthracene	3600		
Fluoranthene	ND		
Pyrene	"		
Benzidine	"		
Chrysene	"		
Benzo(a)anthracene	"		
3,3'-Dichlorobenzidine	"		
C_3 SUBSTITUTED BENZENES	160,000		
C_4 SUBSTITUTED BENZENES	220,000		
C_5 SUBSTITUTED BENZENES	74,000		
METHYL INDENES	31,000*		
ALIPHATIC HYDROCARBONS	220,000		
OTHER ORGANIC COMPOUNDS	220,000*		
DETECTION LIMIT	250		
UNITS	ug/l (PPB)		

* TENTATIVE

Sample foams too much for volatile analysis

AH

Sampling Purpose 0 2

Indicate Program Code 41

Time Collected: 1500

Date Collected: 8/2/84

C00971 AUG20'84

Lab # X203

SPECIAL ANALYSIS FORM

Date Received

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit/IWIndustries	03117403

SOURCE OF SAMPLE: (Exact Location) Floor scraping near stacked drums

PHYSICAL OBSERVATIONS, REMARKS: sticky/sludge brown/gray color

TESTS REQUESTED: "SW846 ANALYTICAL PROCEDURES MUST BE FOLLOWED" See attached list.

COLLECTED BY: [illegible] TRANSPORTED BY: [illegible]

LABORATORY

RECEIVED BY: [illegible] DATE COMPLETED: DATE FORWARDED: OCT 10 1984

As	<0.01
Se	0.016
Hg	<0.005
Ba	0.7
Cd	0.05
Cr	0.20
Pb	0.29

J Daugherty

RESULTS EXPRESSED IN MG/LITER UNLESS OTHERWISE SPECIFIED.

RECEIVED OCT 11 1984 IEPA-DLPC

Sample not suitable for flashpoint testing.

Initial pH 7.4
Final pH 5.2

Environmental Protection Agency
Division of Laboratory Services
2121 W. Taylor Street
Chicago, Illinois 60612

LPC-8A 4/77 (NOT FOR DATA PROCESSING) C000971

Parameters

pH
Flash Point
EP Tox for:
As
Ba
Cd
Cr
Pb
Hg
Endrin
Lindane
Methoxychlor
Toxaphene
2,4,-D
2,4,5-TP

- Trichloroethylene
- Methylene Chloride
- 1,1,1-trichloroethane
- Tetrachloroethylene
- Chlorobenzene
- Trichlorofluoromethane
- ~~Xylene~~
- ~~Acetone~~
- Cresols
- Cresylic Acid
- Nitrobenzene
- Toluene
- Methyl Ethyl Ketone
- Carbon Disulfide
- Isobutanol
- Pyridine
- Carbon Tetrachloride
- Orthodichlorobenzene

RECEIVED
OCT 11 1984
IEPA-DLPC

Sampling Purpose 0 2

Indicate Program Code 41

Time Collected: 1500

Date Collected: 8/2/84

0035170

Lab # X203

SPECIAL ANALYSIS FORM

Date Received AUG 7 1984

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit / IW Industries	03117403

SOURCE OF SAMPLE: (Exact Location) Floor scraping near stacked drums

PHYSICAL OBSERVATIONS, REMARKS: sticky / sludge. brown / gray color

TESTS REQUESTED: "SW846 ANALYTICAL PROCEDURES MUST BE FOLLOWED" See attached list

COLLECTED BY: Brad Benning TRANSPORTED BY: A Hould

LABORATORY

RECEIVED BY: JKB DATE COMPLETED: DATE FORWARDED: 6/25/8 J Hurley

Not suitable for flash point

0035170

LPC-8A 4/77 (NOT FOR DATA PROCESSING)

Parameters

pH
Flash Point
EP Tox for:
- As
- Ba
- Cd
- Cr
- Pb
- Hg
- Endrin
- Lindane
- Methoxychlor
- Toxaphene
- 2,4,-D
- 2,4,5-TP

- Trichloroethylene
- Methylene Chloride
- 1,1,1- trichloroethane
- Tetrachloroethylene
- Chlorobenzene
- Trichlorofluoromethane
- ~~Xylene~~
- ~~Acetone~~
- Cresols
- Cresylic Acid
- Nitrobenzene
- Toluene
- Methyl Ethyl Ketone
- Carbon Disulfide
- Isobutanol
- Pyridine
- Carbon Tetrachloride
- Orthodichlorobenzene

Sample Number 35170

Parameter	µg/g (PPM)	Parameter	
Lindane	< 0.5 µg/g		
Endrin	< 0.5 µg/g		
Methoxychlor	< 2.5 µg/g		
Toxaphene	< 25 µg/g		
2,4 D	< 1 µg/g		
Silvex	< 0.5 µg/g		

35170
Sample Number

Reported By

35170

COMPOUND	CONCENTRATION
Vinyl chloride	–
Chloroethane	–
Methylene chloride	ND
Bromochloromethane	"
1,1-Dichloroethylene	"
1,1-Dichloroethane	"
1,2-Dichloroethylene	"
Chloroform	"
1,2-Dichloroethane	"
1,1,1-Trichloroethane	"
Carbon tetrachloride	"
Bromodichloromethane	"
1,2-Dichloropropane	"
Trichloroethylene	"
Benzene	TRACE
Dibromochloromethane	ND
Bromoform	"
1,1,2,2-Tetrachloroethane	"
Tetrachloroethylene	"
Toluene	850
Chlorobenzene	ND
Ethylbenzene	100
Xylenes	510
Detection Limit	40
Units	ug/kg (ppm)

3510

COMPOUND	CONCENTRATION	COMPOUND	CONCENTRATION
0-Dichlorobenzene	ND	2-Chlorophenol	ND
Bis(2-chloroethyl)ether	"	2-Nitrophenol	"
Nitrobenzene	"	Phenol	"
Hexachlorobutadiene	"	2,4-Dimethylphenol	"
1,2,4-Trichlorobenzene	"	2,4-Dichlorophenol	"
Isophorone	"	2,4,6-Trichlorophenol	"
Naphthalene	TRACE	4-Chloro-3-methyphenol	"
Methylnaphthalene	65	2,4-Dinitrophenol	"
Dimethylnaphthalene	80	2-Methyl-4,6-dinitrophenol	"
Trimethylnaphthalene	50	4-Nitrophenol	"
Hexachlorocyclopentadiene	ND		
Acenaphthylene	"		
Dibenzofuran	"		
Acenaphthene	"		
Fluorene	"		
2,4-Dinitrotoluene	"		
Phenanthrene /	—		
Anthracene	50		
Fluoranthene	ND		
Pyrene	"		
Benzidine	"		
Chrysene	"		
Benzo(a)anthracene	"		
3,3'-Dichlorobenzidine	"		
C_3 SUBSTITUTED BENZENES	45		
C_4 SUBSTITUTED BENZENES	45		
ALIPHATIC HYDROCARBONS	6100		
ALIPHATIC ACIDS	740*		
PHTHALATES	880*		
OTHER ORGANIC COMPOUNDS	300*		
DETECTION LIMIT	40		
UNITS	µg/g (PPM)		

* TENTATIVE

QH

Sampling Purpose 0 2

Indicate Program Code 41

Time Collected: 1515

Date Collected: 8/2/84

Lab # C00972 AUG20

SPECIAL ANALYSIS FORM

X204

Date Received

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit / IW Industries	03117403

SOURCE OF SAMPLE: (Exact Location) liquid & sludge from floor drain nearest W. door

PHYSICAL OBSERVATIONS, REMARKS: gray liquid / sludge.

TESTS REQUESTED: "SW-846 ANALYTICAL PROCEDURES MUST BE FOLLOWED" See attached list.

COLLECTED BY: Brad Benning TRANSPORTED BY: C Gould

LABORATORY

RECEIVED BY: M Ice DATE COMPLETED: DATE FORWARDED: OCT 10 1984

(1)

As	<0.01
Se	0.012
Hg	<0.005
Ba	2.0
Cd	0.22
Cr	1.2
Pb	3.35

Initial pH 8.5
Final pH 5.0

J Daugherty

RESULTS EXPRESSED IN MG/LITER UNLESS OTHERWISE SPECIFIED.

RECEIVED OCT 11 1984 IEPA-DLPC

(2) flashpoint (liquid) - no flashpoint determined up to 160°F. at which point vapor extinguished the taper flame.

Environmental Protection Agency
Division of Laboratory Services
2121 W. Taylor Street
Chicago, Illinois 60612

LPC-8A 4/77 (NOT FOR DATA PROCESSING)

Parameters

pH
Flash Point
EP Tox for:
- As
- Ba
- Cd
- Cr
- Pb
- Hg
- Endrin
- Lindane
- Methoxychlor
- Toxaphene
- 2,4,-D
- 2,4,5-TP

- Trichloroethylene
- Methylene Chloride
- 1,1,1-trichloroethane
- Tetrachloroethylene
- Chlorobenzene
- Trichlorofluoromethane
- ~~Xylene~~
- ~~Acetone~~
- Cresols
- Cresylic Acid
- Nitrobenzene
- Toluene
- Methyl Ethyl Ketone
- Carbon Disulfide
- Isobutanol
- Pyridine
- Carbon Tetrachloride
- Orthodichlorobenzene

RECEIVED
OCT 11 1984
IEPA-DLPC

Sampling Purpose O 2

Indicate Program Code 41

Time Collected: 1515

Date Collected: 8/2/84

Lab # D0351171

SPECIAL ANALYSIS FORM

X204

Date Received AUG 7 1984

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit / IW Industries	03117403

SOURCE OF SAMPLE: (Exact Location) liquid & sludge from floor drain nearest W door.

PHYSICAL OBSERVATIONS, REMARKS: gray liquid / sludge.

TESTS REQUESTED: "SW-846 ANALYTICAL PROCEDURES MUST BE FOLLOWED"
See attached list

COLLECTED BY: Brad Benning TRANSPORTED BY: C Gould

LABORATORY

RECEIVED BY: JJSB DATE COMPLETED: DATE FORWARDED: 6/25/85 J Stuney

Did not flash up to 150°F

D0351171

LPC-8A 4/77 (NOT FOR DATA PROCESSING)

Parameters

pH
Flash Point
EP Tox for:
- As
- Ba
- Cd
- Cr
- Pb
- Hg
- Endrin
- Lindane
- Methoxychlor
- Toxaphene
- 2,4,-D
- 2,4,5-TP

- Trichloroethylene
- Methylene Chloride
- 1,1,1-trichloroethane
- Tetrachloroethylene
- Chlorobenzene
- Trichlorofluoromethane
- ~~Xylene~~
- ~~Acetone~~
- Cresols
- Cresylic Acid
- Nitrobenzene
- Toluene
- Methyl Ethyl Ketone
- Carbon Disulfide
- Isobutanol
- Pyridine
- Carbon Tetrachloride
- Orthodichlorobenzene

Sample Number 35171

Parameter	µg/g (PPM)	Parameter	
Lindane	<0.5 µg/g		
Endrin	<0.5 µg/g		
Methoxychlor	<2.5 µg/g		
Toxaphene	<25 µg/g		
2,4 D	<1 µg/g		
Silvex	<0.5 µg/g		

35171
Sample Number

Reported By

8H

35171

COMPOUND	CONCENTRATION
Vinyl chloride	-
Chloroethane	-
Methylene chloride	ND
Bromochloromethane	"
1,1-Dichloroethylene	"
1,1-Dichloroethane	"
1,2-Dichloroethylene	"
Chloroform	"
1,2-Dichloroethane	"
1,1,1-Trichloroethane	"
Carbon tetrachloride	"
Bromodichloromethane	"
1,2-Dichloropropane	"
Trichloroethylene	"
Benzene	"
Dibromochloromethane	"
Bromoform	"
1,1,2,2-Tetrachloroethane	"
Tetrachloroethylene	"
Toluene	6000
Chlorobenzene	
Ethylbenzene	5500
Xylenes	22,000
ACETONE	35,000
DETECTION LIMIT	250
UNITS	ug/l (PPB)

J. H

35171

COMPOUND	CONCENTRATION	COMPOUND	CONCENTRATION
0-Dichlorobenzene	ND	2-Chlorophenol	ND
Bis(2-chloroethyl)ether	"	2-Nitrophenol	"
Nitrobenzene	"	Phenol	"
Hexachlorobutadiene	"	2,4-Dimethylphenol	"
1,2,4-Trichlorobenzene	"	2,4-Dichlorophenol	"
Isophorone	"	2,4,6-Trichlorophenol	"
Naphthalene	30,000	4-Chloro-3-methyphenol	"
Methylnaphthalene	12,000	2,4-Dinitrophenol	"
Dimethylnaphthalene	4400	2-Methyl-4,6-dinitrophenol	"
Trimethylnaphthalene	ND	4-Nitrophenol	"
Hexachlorocyclopentadiene	"		
Acenaphthylene	"		
Dibenzofuran	"		
Acenaphthene	"		
Fluorene	"		
2,4-Dinitrotoluene	"		
Phenanthrene	"		
Anthracene	"		
Fluoranthene	"		
Pyrene	"		
Benzidine	"		
Chrysene	"		
Benzo(a)anthracene	"		
3,3'-Dichlorobenzidine	"		
C_3 SUBSTITUTED BENZENES	120,000		
C_4 SUBSTITUTED BENZENES	120,000		
C_5 SUBSTITUTED BENZENES	30,000		
METHYL INDENES	21,000*		
ALIPHATIC HYDROCARBONS	150,000		
PHTHALATES	37,000*		
OTHER ORGANIC COMPOUNDS	39,000*		
DETECTION LIMIT	2500		
UNITS	ug/L (PPB)		

*TENTATIVE

J.H.

Purpose 02

Program 41

Time Collected: 1520

Lab # C00973 AUG20'84

SPECIAL ANALYSIS FORM

Date Collected: 8/2/84

X205

Date Received

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit / IW Industries	03117403

SOURCE OF SAMPLE: (Exact Location) Soil sample west of loading dock on W side of building

PHYSICAL OBSERVATIONS, REMARKS: black / brown solid

TESTS REQUESTED: "SW-846 ANALYTICAL PROCEDURES MUST BE FOLLOWED" See attached list.

COLLECTED BY: Brad Benning TRANSPORTED BY: C Gould

LABORATORY

RECEIVED BY: M J. [illegible] DATE COMPLETED: DATE FORWARDED: OCT. 10. 1984

As	<0.01	Initial pH 9.5	J Daugherty
Se	0.013	Final pH 5.0	
Hg	<0.005 JL		
Ba	0.6	RESULTS EXPRESSED IN MG/LITER UNLESS OTHERWISE SPECIFIED.	RECEIVED OCT 11 1984 IEPA-DLPC
Cd	0.03		
Cr	0.01		
Pb	0.19		

Sample not suitable for flashpoint testing.

Environmental Protection Agency
Division of Laboratory Services
2121 W. Taylor Street
Chicago, Illinois 60612

IL 532-0314
LPC 8A 4/77

(NOT FOR DATA PROCESSING)

C000973

Parameters

pH
Flash Point
EP Tox for:
As
Ba
Cd
Cr
Pb
Hg
Endrin
Lindane
Methoxychlor
Toxaphene
2,4,-D
2,4,5-TP

- Trichloroethylene
- Methylene Chloride
- 1,1,1- trichloroethane
- Tetrachloroethylene
- Chlorobenzene
- Trichlorofluoromethane
- ~~Xylene~~
- ~~Acetone~~
- Cresols
- Cresylic Acid
- Nitrobenzene
- Toluene
- Methyl Ethyl Ketone
- Carbon Disulfide
- Isobutanol
- Pyridine
- Carbon Tetrachloride
- Orthodichlorobenzene

RECEIVED
OCT 11 1984
IEPA-DLPC

Purpose 02

Program 41

D0351772

Time Collected: 1520

Lab #

SPECIAL ANALYSIS FORM

Date Collected: 8/2/84

Date Received AUG 7 1984

X205

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit / IW Industries	03117403

SOURCE OF SAMPLE: (Exact Location) Soil sample west of loading dock on W side of building

PHYSICAL OBSERVATIONS, REMARKS: black / brown solid

TESTS REQUESTED: "SW-846 ANALYTICAL PROCEDURES MUST BE FOLLOWED"
See attached list.

COLLECTED BY: Brad Benning TRANSPORTED BY: C Gould

LABORATORY

RECEIVED BY: JC/SB DATE COMPLETED: DATE FORWARDED: 6/25/85 J Hurley

Not suitable for flash point

D0351772

IL 532-0314
LPC 8A 4/77

(NOT FOR DATA PROCESSING)

Parameters

pH
Flash Point
EP Tox for:
- As
- Ba
- Cd
- Cr
- Pb
- Hg
- Endrin
- Lindane
- Methoxychlor
- Toxaphene
- 2,4,-D
- 2,4,5-TP

- Trichloroethylene
- Methylene Chloride
- 1,1,1-trichloroethane
- Tetrachloroethylene
- Chlorobenzene
- Trichlorofluoromethane
- ~~Xylene~~
- ~~Acetone~~
- Cresols
- Cresylic Acid
- Nitrobenzene
- Toluene
- Methyl Ethyl Ketone
- Carbon Disulfide
- Isobutanol
- Pyridine
- Carbon Tetrachloride
- Orthodichlorobenzene

Sample Number 35172

Parameter	µg/g (PPM)	Parameter	
Lindane	< 0.5 µg/g		
Endrin	< 0.5 µg/g		
Methoxychlor	< 2.5 µg/g		
Toxaphene	< 25 µg/g		
2,4 D	< 1 µg/g		
Silvex	< 0.5 µg/g		

35172
Sample Number

Reported By

QH

3572

COMPOUND	CONCENTRATION
Vinyl chloride	–
Chloroethane	–
Methylene chloride	ND
Bromochloromethane	"
1,1-Dichloroethylene	"
1,1-Dichloroethane	"
1,2-Dichloroethylene	"
Chloroform	"
1,2-Dichloroethane	"
1,1,1-Trichloroethane	"
Carbon tetrachloride	"
Bromodichloromethane	"
1,2-Dichloropropane	"
Trichloroethylene	"
Benzene	"
Dibromochloromethane	"
Bromoform	"
1,1,2,2-Tetrachloroethane	"
Tetrachloroethylene	"
Toluene	TRACE
Chlorobenzene	ND
Ethylbenzene	"
Xylenes	20
DETECTION LIMIT	20
UNITS	ug/g (PPM)

35772

COMPOUND	CONCENTRATION	COMPOUND	CONCENTRATION
0-Dichlorobenzene	ND	2-Chlorophenol	ND
Bis(2-chloroethyl)ether	"	2-Nitrophenol	"
Nitrobenzene	"	Phenol	"
Hexachlorobutadiene	"	2,4-Dimethylphenol	"
1,2,4-Trichlorobenzene	"	2,4-Dichlorophenol	"
Isophorone	"	2,4,6-Trichlorophenol	"
Naphthalene	25	4-Chloro-3-methyphenol	"
Methylnaphthalene	50	2,4-Dinitrophenol	"
Dimethylnaphthalene	30	2-Methyl-4,6-dinitrophenol	"
Trimethylnaphthalene	ND	4-Nitrophenol	"
Hexachlorocyclopentadiene	"		
Acenaphthylene	"		
Dibenzofuran	"		
Acenaphthene	"		
Fluorene	"		
2,4-Dinitrotoluene	"		
Phenanthrene	"		
Anthracene	"		
Fluoranthene	"		
Pyrene	"		
Benzidine	"		
Chrysene	"		
Benzo(a)anthracene	"		
3,3'-Dichlorobenzidine	"		
C_4 SUBSTITURED BENZENES	90		
C_5 SUBSTITURED BENZENES	40		
ALIPHATIC HYDROCARBONS	1400		
ALIPHATIC ACIDS	600*		
PHTHALATES	7800*		
OTHER ORGANIC COMPOUNDS	240*		
DETECTION LIMIT	20		
UNITS	ug/g (PPM)		

* TENTATIVE

J.H.

Sampling Purpose 0 2

Indicate Program Code 41

Time Collected: 1540

Lab # C00974 AUG20'84

SPECIAL ANALYSIS FORM

Date Collected: 8/2/84

Date Received

X206

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit / IW Industries	03117403

SOURCE OF SAMPLE: (Exact Location) Room filled to at least 2' with sludge

PHYSICAL OBSERVATIONS, REMARKS: mixture of paint / ink / adhesive residue

TESTS REQUESTED: "SW-846 ANALYTICAL PROCEDURES MUST BE FOLLOWED" See attached list

COLLECTED BY: Glenn F. Stewart TRANSPORTED BY: Stewart

LABORATORY

RECEIVED BY: M. Tomcha DATE COMPLETED: DATE FORWARDED: OCT. 10, 1984

As	<0.01	Initial pH 7.8
Se	0.010	Final pH 5.0
Hg	<0.005	
Ba	1.6	
Cd	0.60	
Cr	0.70	
Pb	0.96	

J Daugherty

JD

RESULTS EXPRESSED IN MG/LITER UNLESS OTHERWISE SPECIFIED.

RECEIVED
OCT 11 1984
IEPA-DLPC

Sample not suitable for flashpoint testing.

Environmental Protection Agency
Division of Laboratory Services
2121 W. Taylor Street
Chicago, Illinois 60612

LPC-8A 4/77 (NOT FOR DATA PROCESSING) C000974

Parameters

pH
Flash Point
EP Tox for:
- As
- Ba
- Cd
- Cr
- Pb
- Hg
- Endrin
- Lindane
- Methoxychlor
- Toxaphene
- 2,4,-D
- 2,4,5-TP

- Trichloroethylene
- Methylene Chloride
- 1,1,1-trichloroethane
- Tetrachloroethylene
- Chlorobenzene
- Trichlorofluoromethane
- ~~Xylene~~
- ~~Acetone~~
- Cresols
- Cresylic Acid
- Nitrobenzene
- Toluene
- Methyl Ethyl Ketone
- Carbon Disulfide
- Isobutanol
- Pyridine
- Carbon Tetrachloride
- Orthodichlorobenzene

RECEIVED
OCT 11 1984
IEPA-DLPC

Sampling Purpose 0 2

Indicate Program Code 41

Time Collected: 1540

Lab # 00035173

SPECIAL ANALYSIS FORM

AUG 7 1984

Date Collected: 8/2/84

X206

Date Received

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit/IWIndustries	03117403

SOURCE OF SAMPLE: (Exact Location) Room filled to at least 2' with sludge.

PHYSICAL OBSERVATIONS, REMARKS: mixture of paint/ink/adhesive residues.

TESTS REQUESTED: "SW-846 ANALYTICAL PROCEDURES MUST BE FOLLOWED" See attached list.

COLLECTED BY: Glenn J. Stewart TRANSPORTED BY: Arnold

LABORATORY

RECEIVED BY: JC/SB DATE COMPLETED: DATE FORWARDED: 6/25/85 J Hurley

Not suitable for flash point

00035173

LPC-8A 4/77 (NOT FOR DATA PROCESSING)

Parameters

pH
Flash Point
EP Tox for:
- As
- Ba
- Cd
- Cr
- Pb
- Hg
- Endrin
- Lindane
- Methoxychlor
- Toxaphene
- 2,4,-D
- 2,4,5-TP

- Trichloroethylene
- Methylene Chloride
- 1,1,1- trichloroethane
- Tetrachloroethylene
- Chlorobenzene
- Trichlorofluoromethane
- ~~Xylene~~
- ~~Acetone~~
- Cresols
- Cresylic Acid
- Nitrobenzene
- Toluene
- Methyl Ethyl Ketone
- Carbon Disulfide
- Isobutanol
- Pyridine
- Carbon Tetrachloride
- Orthodichlorobenzene

Sample Number 35173

Parameter	µg/g (PPM)	Parameter	
Lindane	< 0.5 µg/g		
Endrin	< 0.5 µg/g		
Methoxychlor	< 2.5 µg/g		
Toxaphene	< 25 µg/g		
2,4 D	< 1 µg/g		
Silvex	< 0.5 µg/g		

35173
Sample Number

Reported By

JH

35173

COMPOUND	CONCENTRATION
Vinyl chloride	–
Chloroethane	–
Methylene chloride	400
Bromochloromethane	ND
1,1-Dichloroethylene	"
1,1-Dichloroethane	"
1,2-Dichloroethylene	"
Chloroform	"
1,2-Dichloroethane	"
1,1,1-Trichloroethane	"
Carbon tetrachloride	"
Bromodichloromethane	"
1,2-Dichloropropane	"
Trichloroethylene	"
Benzene	280
Dibromochloromethane	ND
Bromoform	"
1,1,2,2-Tetrachloroethane	"
Tetrachloroethylene	TRACE
Toluene	21,000
Chlorobenzene	ND
Ethylbenzene	4000
Xylenes	16,000
DETECTION LIMIT	150
UNITS	ug/kg (PPM)

3517B

COMPOUND	CONCENTRATION	COMPOUND	CONCENTRATION
0-Dichlorobenzene	ND	2-Chlorophenol	ND
Bis(2-chloroethyl)ether	"	2-Nitrophenol	"
Nitrobenzene	"	Phenol	"
Hexachlorobutadiene	"	2,4-Dimethylphenol	"
1,2,4-Trichlorobenzene	"	2,4-Dichlorophenol	"
Isophorone	"	2,4,6-Trichlorophenol	"
Naphthalene	920	4-Chloro-3-methyphenol	"
Methylnaphthalene	170	2,4-Dinitrophenol	"
Dimethylnaphthalene	60	2-Methyl-4,6-dinitrophenol	"
Trimethylnaphthalene	ND	4-Nitrophenol	"
Hexachlorocyclopentadiene	"	PHTHALATES	1900*
Acenaphthylene	"		
Dibenzofuran	"		
Acenaphthene	"		
Fluorene	"		
2,4-Dinitrotoluene	"		
Phenanthrene	"		
Anthracene	"		
Fluoranthene	"		
Pyrene	"		
Benzidine	"		
Chrysene	"		
Benzo(a)anthracene	"		
3,3'-Dichlorobenzidine	"		
C_3 SUBSTITUTED BENZENES	11,000		
C_4 SUBSTITUTED BENZENES	5700		
C_5 SUBSTITUTED BENZENES	550		
METHYL INDENES	430*		
ALIPHATIC HYDROCARBONS	4200		
ALIPHATIC ACIDS	4300*		
OTHER ORGANIC COMPOUNDS	10,000*		
DETECTION LIMIT	40		
UNITS	ug/g (PPM)		

*TENTATIVE

J.H.

Purpose 02
Program 41

Time Collected: 1545 Lab # 0035174

SPECIAL ANALYSIS FORM

Date Collected: 8/2/84 X207 Date Received AUG 7 1984

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit / IW Industries	03117403

SOURCE OF SAMPLE: (Exact Location) From window near dump chute in bldg with sludge 2'+ deep.

PHYSICAL OBSERVATIONS, REMARKS: Adhesive residue?

TESTS REQUESTED: "SW-846 ANALYTICAL PROCEDURES MUST BE FOLLOWED
See attached list - Organics Only -

COLLECTED BY: Brad Benning TRANSPORTED BY: C Zoulk

LABORATORY

RECEIVED BY: JSB DATE COMPLETED: DATE FORWARDED: 8/25/85 J Hurley

Not suitable for flash point

0035174

IL 532-0314
LPC BA 4/77

(NOT FOR DATA PROCESSING)

Parameters

pH
Flash Point
EP Tox for:
- As
- Ba
- Cd
- Cr
- Pb
- Hg
- Endrin
- Lindane
- Methoxychlor
- Toxaphene
- 2,4,-D
- 2,4,5-TP

- Trichloroethylene
- Methylene Chloride
- 1,1,1-trichloroethane
- Tetrachloroethylene
- Chlorobenzene
- Trichlorofluoromethane
- ~~Xylene~~
- ~~Acetone~~
- Cresols
- Cresylic Acid
- Nitrobenzene
- Toluene
- Methyl Ethyl Ketone
- Carbon Disulfide
- Isobutanol
- Pyridine
- Carbon Tetrachloride
- Orthodichlorobenzene

Sample Number 35174

Parameter	µg/g (PPM)	Parameter	
Lindane	< 0.5 µg/g		
Endrin	< 0.5 µg/g		
Methoxychlor	< 2.5 µg/g		
Toxaphene	< 25 µg/g		
2,4 D	< 1 µg/g		
Silvex	< 0.5 µg/g		

35174
Sample Number

Reported By

2H

35174

COMPOUND	CONCENTRATION
Vinyl chloride	–
Chloroethane	–
Methylene chloride	ND
Bromochloromethane	"
1,1-Dichloroethylene	"
1,1-Dichloroethane	"
1,2-Dichloroethylene	"
Chloroform	"
1,2-Dichloroethane	"
1,1,1-Trichloroethane	"
Carbon tetrachloride	"
Bromodichloromethane	"
1,2-Dichloropropane	"
Trichloroethylene	"
Benzene	TRACE
Dibromochloromethane	ND
Bromoform	"
1,1,2,2-Tetrachloroethane	"
Tetrachloroethylene	350
Toluene	100,000
Chlorobenzene	ND
Ethylbenzene	2000
Xylenes	700
DETECTION LIMIT	100
UNITS	ug/g (PPM)

8H

35174

COMPOUND	CONCENTRATION	COMPOUND	CONCENTRATION
0-Dichlorobenzene	ND	2-Chlorophenol	ND
Bis(2-chloroethyl)ether	"	2-Nitrophenol	"
Nitrobenzene	"	Phenol	"
Hexachlorobutadiene	"	2,4-Dimethylphenol	"
1,2,4-Trichlorobenzene	"	2,4-Dichlorophenol	"
Isophorone	"	2,4,6-Trichlorophenol	"
Naphthalene	1100	4-Chloro-3-methyphenol	"
Methylnaphthalene	350	2,4-Dinitrophenol	"
Dimethylnaphthalene	150	2-Methyl-4,6-dinitrophenol	"
Trimethylnaphthalene	50	4-Nitrophenol	"
Hexachlorocyclopentadiene	ND	PHTHALATES	34,000*
Acenaphthylene	"	OTHER ORGANIC COMPOUNDS	23,000*
Dibenzofuran	"	ISOPHORONE	1500*
Acenaphthene	"		
Fluorene	"		
2,4-Dinitrotoluene	"		
Phenanthrene	"		
Anthracene	"		
Fluoranthene	"		
Pyrene	"		
Benzidine	"		
Chrysene	"		
Benzo(a)anthracene	"		
3,3'-Dichlorobenzidine	"		
C_3 SUBSTITUTED BENZENES	4400		
C_4 SUBSTITUTED BENZENES	8100		
C_5 SUBSTITUTED BENZENES	1300		
METHYL INDENES	650*		
ALIPHATIC HYDROCARBONS	8000		
ALIPHATIC ACIDS	14,000*		
ALIPHATIC ACID ESTERS	4300*		
DETECTION LIMIT	40		
UNITS	ug/g (PPM)		

* TENTATIVE

8/4

Sampling Purpose 0 2

Indicate Program Code 41

Time Collected: 1450

Date Collected: 8/2/84

Lab # C00975 AUG20'84

SPECIAL ANALYSIS FORM

X500

Date Received

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit / IW	

SOURCE OF SAMPLE: (Exact Location) Caustic cleaner catch basin

PHYSICAL OBSERVATIONS, REMARKS: purple gray liquid w/ sludge

TESTS REQUESTED: "SW846 ANALITICAL PROCEDURES MUST BE FOLLOWED"
See attached list

COLLECTED BY: Glenn J. Steinert TRANSPORTED BY: C Gould

LABORATORY

RECEIVED BY: N Jacobs DATE COMPLETED: DATE FORWARDED: OCT. 10. 1984

As	<0.01	Initial pH 9.5
Se	0.053	Final pH 5.2
Hg	<0.005	
Ba	1.0	
Cd	<0.01	
Cr	14.0	
Pb	0.17	

J Daugherty

RESULTS EXPRESSED IN MG/LITER UNLESS OTHERWISE SPECIFIED.

~~RECEIVED~~
~~OCT 11 1984~~
~~IEPA-DLPC~~

flashpoint — insufficient sample for flashpoint analysis

Environmental Protection Agency
Division of Laboratory Services
2121 W. Taylor Street
(NOT FOR DATA PROCESSING)

LPC-8A 4/77

C000975

Parameters

pH
Flash Point
EP Tox for:
As
Ba
Cd
Cr
Pb
Hg
Endrin
Lindane
Methoxychlor
Toxaphene
2,4,-D
2,4,5-TP

- Trichloroethylene
- Methylene Chloride
- 1,1,1-trichloroethane
- Tetrachloroethylene
- Chlorobenzene
- Trichlorofluoromethane
- ~~Xylene~~
- ~~Acetone~~
- Cresols
- Cresylic Acid
- Nitrobenzene
- Toluene
- Methyl Ethyl Ketone
- Carbon Disulfide
- Isobutanol
- Pyridine
- Carbon Tetrachloride
- Orthodichlorobenzene

RECEIVED
OCT 11 1984
IEPA-DLPC

Sampling Purpose 0 2

Indicate Program Code 41

Time Collected: 1450

Lab # 0035175

SPECIAL ANALYSIS FORM

Date Collected: 8/2/84

X500

Date Received Aug 7 1984

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit / IW	

SOURCE OF SAMPLE: (Exact Location) Caustic cleaner catch basin

PHYSICAL OBSERVATIONS, REMARKS: purple/gray liquid w/ sludge

TESTS REQUESTED: "SW846 ANALITICAL PROCEDURES MUST BE FOLLOWED"
See attached list

COLLECTED BY: Glenn J. Stewart TRANSPORTED BY: C Howlet

LABORATORY

RECEIVED BY: JCSB DATE COMPLETED: DATE FORWARDED: 6/25/85 J Stuney

Did not flash up to 150°F

0035175

LPC-8A 4/77 (NOT FOR DATA PROCESSING)

Parameters

pH

Flash Point

EP Tox for:

- As
- Ba
- Cd
- Cr
- Pb
- Hg
- Endrin
- Lindane
- Methoxychlor
- Toxaphene
- 2,4,-D
- 2,4,5-TP

- Trichloroethylene
- Methylene Chloride
- 1,1,1- trichloroethane
- Tetrachloroethylene
- Chlorobenzene
- Trichlorofluoromethane
- ~~Xylene~~
- ~~Acetone~~
- Cresols
- Cresylic Acid
- Nitrobenzene
- Toluene
- Methyl Ethyl Ketone
- Carbon Disulfide
- Isobutanol
- Pyridine
- Carbon Tetrachloride
- Orthodichlorobenzene

Sample Number 35175

Parameter	µg/g (PPM)	Parameter	
Lindane	< 0.5 µg/g		
Endrin	< 0.5 µg/g		
Methoxychlor	< 2.5 µg/g		
Toxaphene	< 25 µg/g		
2,4D	< 1 µg/g		
Silvex	< 0.5 µg/g		

35175
Sample Number

Reported By

JH

35175

COMPOUND	CONCENTRATION	COMPOUND	CONCENTRATION
0-Dichlorobenzene	ND	2-Chlorophenol	ND
Bis(2-chloroethyl)ether	"	2-Nitrophenol	"
Nitrobenzene	"	Phenol	"
Hexachlorobutadiene	"	2,4-Dimethylphenol	"
1,2,4-Trichlorobenzene	"	2,4-Dichlorophenol	"
Isophorone	"	2,4,6-Trichlorophenol	"
Naphthalene	11,000	4-Chloro-3-methyphenol	"
Methylnaphthalene	5300	2,4-Dinitrophenol	"
Dimethylnaphthalene	15,000	2-Methyl-4,6-dinitrophenol	"
Trimethylnaphthalene	32,000	4-Nitrophenol	"
Hexachlorocyclopentadiene	ND	PHTHALATES	50,000*
Acenaphthylene	"		
Dibenzofuran	"		
Acenaphthene	"		
Fluorene	"		
2,4-Dinitrotoluene	"		
Phenanthrene /	-		
Anthracene	30,000		
Fluoranthene	ND		
Pyrene	"		
Benzidine	"		
Chrysene	"		
Benzo(a)anthracene	"		
3,3'-Dichlorobenzidine	"		
C_3 SUBSTITUTED BENZENES	200,000		
C_4 SUBSTITUTED BENZENES	92,000		
C_5 SUBSTITUTED BENZENES	11,000		
METHYL INDENES	5700*		
ALIPHATIC HYDROCARBONS	1,200,000		
ALIPHATIC ACIDS	100,000*		
OTHER ORGANIC COMPOUNDS	900,000*		
DETECTION LIMIT	2500		
UNITS	ug/l (PPB)		

* TENTATIVE

Thin oil layer on water so no purge analysis

DH

Sampling Purpose 0 2

Indicate Program Code 41

Time Collected: 1455

Date Collected: 8/2/84

Lab # C00976 AUG20'84

SPECIAL ANALYSIS FORM

X501

Date Received

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit/IW Industries	03117403

SOURCE OF SAMPLE: (Exact Location) caustic cleaner (base)

PHYSICAL OBSERVATIONS, REMARKS: scraping of sludge.
CN odor red/brown putty.

TESTS REQUESTED: "SW-846 ANALITICAL PROCEDURES MUST BE FOLLOWED"
CN (Free + Total) and see attached list.

COLLECTED BY: Glenn J. Steinert TRANSPORTED BY: C Gould

LABORATORY

RECEIVED BY: N. Fischer DATE COMPLETED: DATE FORWARDED: OCT. 10, 1984

As	<0.01
Se	0.780
Hg	<0.005
Ba	0.6
Cd	0.65
Cr	3.8
Pb	10.0

Initial pH 10.9
Final pH 8.4

J Daugherty

RESULTS EXPRESSED IN MG/LITER UNLESS OTHERWISE SPECIFIED.

Cyanide (total) - 7.65 mg/kg
cyanide (free) - 0.75 mg/kg
(amenable to chlorination)

RECEIVED
OCT 11 1984
IEPA-DLPC

Environmental Protection Agency
Division of Laboratory Services
2121 W. Taylor Street
Chicago, Illinois 60612

LPC-8A 4/77 (NOT FOR DATA PROCESSING) C000976

Parameters

pH
Flash Point
EP Tox for:
- As
- Ba
- Cd
- Cr
- Pb
- Hg
- Endrin
- Lindane
- Methoxychlor
- Toxaphene
- 2,4,-D
- 2,4,5-TP

- Trichloroethylene
- Methylene Chloride
- 1,1,1-trichloroethane
- Tetrachloroethylene
- Chlorobenzene
- Trichlorofluoromethane
- ~~Xylene~~
- ~~Acetone~~
- Cresols
- Cresylic Acid
- Nitrobenzene
- Toluene
- Methyl Ethyl Ketone
- Carbon Disulfide
- Isobutanol
- Pyridine
- Carbon Tetrachloride
- Orthodichlorobenzene

RECEIVED
OCT 11 1984
IEPA-DLPC

Sampling Purpose 0 2

Indicate Program Code 41

Time Collected: 1455

Date Collected: 8/2/84

Lab # 025176

SPECIAL ANALYSIS FORM

X501

Date Received AUG 7 1984

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit/IWIndustries	03117403

SOURCE OF SAMPLE: (Exact Location) caustic cleaner (base)

PHYSICAL OBSERVATIONS, REMARKS: Scraping of sludge CN odor red/brown putty

TESTS REQUESTED: "SW-846 ANALITICAL PROCEDURES MUST BE FOLLOWED" See attached list.

COLLECTED BY: Glenn J. Steinert TRANSPORTED BY: C. Gould

LABORATORY

RECEIVED BY: JKB DATE COMPLETED: DATE FORWARDED: 6/25/85 J. Hurley

Not suitable for flash point

025176

LPC-8A 4/77 (NOT FOR DATA PROCESSING)

Parameters

pH
Flash Point
EP Tox for:
- As
- Ba
- Cd
- Cr
- Pb
- Hg
- Endrin
- Lindane
- Methoxychlor
- Toxaphene
- 2,4,-D
- 2,4,5-TP

- Trichloroethylene
- Methylene Chloride
- 1,1,1-trichloroethane
- Tetrachloroethylene
- Chlorobenzene
- Trichlorofluoromethane
- ~~Xylene~~
- ~~Acetone~~
- Cresols
- Cresylic Acid
- Nitrobenzene
- Toluene
- Methyl Ethyl Ketone
- Carbon Disulfide
- Isobutanol
- Pyridine
- Carbon Tetrachloride
- Orthodichlorobenzene

Sample Number 35176

Parameter	µg/g (PPM)	Parameter	
Lindane	<0.5µg/g		
Endrin	<0.5µg/g		
Methoxychlor	<2.5µg/g		
Toxaphene	<25µg/g		
2,4 D	<1µg/g		
Silvex	<0.5µg/g		

35176
Sample Number

Reported By

JH

35176

COMPOUND	CONCENTRATION
Vinyl chloride	—
Chloroethane	—
Methylene chloride	ND
Bromochloromethane	"
1,1-Dichloroethylene	"
1,1-Dichloroethane	"
1,2-Dichloroethylene	"
Chloroform	"
1,2-Dichloroethane	"
1,1,1-Trichloroethane	"
Carbon tetrachloride	"
Bromodichloromethane	"
1,2-Dichloropropane	"
Trichloroethylene	"
Benzene	"
Dibromochloromethane	"
Bromoform	"
1,1,2,2-Tetrachloroethane	"
Tetrachloroethylene	"
Toluene	TRACE
Chlorobenzene	ND
Ethylbenzene	TRACE
Xylenes	65
DETECTION LIMIT	40
UNITS	ug/g (ppm)

2 H

35176

COMPOUND	CONCENTRATION	COMPOUND	CONCENTRATION
0-Dichlorobenzene	ND	2-Chlorophenol	ND
Bis(2-chloroethyl)ether	"	2-Nitrophenol	"
Nitrobenzene	"	Phenol	"
Hexachlorobutadiene	"	2,4-Dimethylphenol	"
1,2,4-Trichlorobenzene	"	2,4-Dichlorophenol	"
Isophorone	"	2,4,6-Trichlorophenol	"
Naphthalene	"	4-Chloro-3-methyphenol	"
Methylnaphthalene	"	2,4-Dinitrophenol	"
Dimethylnaphthalene	"	2-Methyl-4,6-dinitrophenol	"
Trimethylnaphthalene	"	4-Nitrophenol	"
Hexachlorocyclopentadiene	"		
Acenaphthylene	"		
Dibenzofuran	"		
Acenaphthene	"		
Fluorene	"		
2,4-Dinitrotoluene	"		
Phenanthrene	"		
Anthracene	"		
Fluoranthene	"		
Pyrene	"		
Benzidine	"		
Chrysene	"		
Benzo(a)anthracene	"		
3,3'-Dichlorobenzidine	"		
DETECTION LIMIT	40		
UNITS	ug/kg (PPM)		

Sampling Purpose 0 2

Indicate Program Code 41

Time Collected: 1505

Date Collected: 8/2/84

Lab # C00977 AUG20

SPECIAL ANALYSIS FORM

X502

Date Received

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit / IWIndustries	03117403

SOURCE OF SAMPLE: (Exact Location) 55 gal drum behind cavitic cleaner

PHYSICAL OBSERVATIONS, REMARKS: gray/black/gluey sludge.

TESTS REQUESTED: "SW-846 ANALYTICAL PROCEDURES MUST BE FOLLOWED" See attached list.

COLLECTED BY: Glenn J. Steinard TRANSPORTED BY: C Gould

LABORATORY

RECEIVED BY: N Fischer DATE COMPLETED: DATE FORWARDED: OCT. 10. 1984

(1)

As	<0.01
Se	0.051
Hg	<0.005
Ba	6.7
Cd	0.70
Cr	6.5
Pb	0.45

Initial pH 10.7
Final pH 5.2

J Daugherty

JD

RESULTS EXPRESSED IN MG/LITER UNLESS OTHERWISE SPECIFIED.

RECEIVED OCT 11 1984 IEPA-DLPC

flashpoint (liquid) — no flashpoint up to 200°F.

Environmental Protection Agency
Division of Laboratory Services
2121 W. Taylor Street
Chicago, Illinois 60612

LPC-8A (NOT FOR DATA PROCESSING)

C000977

Parameters

pH
Flash Point
EP Tox for:
As
Ba
Cd
Cr
Pb
Hg
Endrin
Lindane
Methoxychlor
Toxaphene
2,4,-D
2,4,5-TP

- Trichloroethylene
- Methylene Chloride
- 1,1,1-trichloroethane
- Tetrachloroethylene
- Chlorobenzene
- Trichlorofluoromethane
- ~~Xylene~~
- ~~Acetone~~
- Cresols
- Cresylic Acid
- Nitrobenzene
- Toluene
- Methyl Ethyl Ketone
- Carbon Disulfide
- Isobutanol
- Pyridine
- Carbon Tetrachloride
- Orthodichlorobenzene

RECEIVED
OCT 11 1984
IEPA-DLPC

Sampling Purpose 0 2

Indicate Program Code 41

Time Collected: 1505

Date Collected: 8/2/84

Lab # 0035177

SPECIAL ANALYSIS FORM

X502

Date Received AUG 7 1984

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit / IW Industries	03117403

SOURCE OF SAMPLE: (Exact Location) SS gal drum behind caustic cleaner

PHYSICAL OBSERVATIONS, REMARKS: gray / black / gluey sludge

TESTS REQUESTED: "SW-846 ANALYTICAL PROCEDURES MUST BE FOLLOWED" See attached list.

COLLECTED BY: Glenn F. Stewart TRANSPORTED BY: C. Howard

LABORATORY

RECEIVED BY: YCISB DATE COMPLETED: DATE FORWARDED: 6/25/85 J. Hurley

Did not flash up to 150°F

0035177

LPC-8A 4/77 (NOT FOR DATA PROCESSING)

Parameters

pH
Flash Point
EP Tox for:
- As
- Ba
- Cd
- Cr
- Pb
- Hg
- Endrin
- Lindane
- Methoxychlor
- Toxaphene
- 2,4,-D
- 2,4,5-TP

- Trichloroethylene
- Methylene Chloride
- 1,1,1-trichloroethane
- Tetrachloroethylene
- Chlorobenzene
- Trichlorofluoromethane
- ~~Xylene~~
- ~~Acetone~~
- Cresols
- Cresylic Acid
- Nitrobenzene
- Toluene
- Methyl Ethyl Ketone
- Carbon Disulfide
- Isobutanol
- Pyridine
- Carbon Tetrachloride
- Orthodichlorobenzene

Sample Number 35177

Parameter	µg/g (PPM)	Parameter	
Lindane	<0.5µg/g		
Endrin	<0.5µg/g		
Methoxychlor	<2.5µg/g		
Toxaphene	<25µg/g		
2,4D	<1µg/g		
Silvex	<0.5µg/g		

35177
Sample Number

Reported By

JH

35177

COMPOUND	CONCENTRATION
Vinyl chloride	—
Chloroethane	—
Methylene chloride	ND
Bromochloromethane	"
1,1-Dichloroethylene	"
1,1-Dichloroethane	"
1,2-Dichloroethylene	"
Chloroform	"
1,2-Dichloroethane	"
1,1,1-Trichloroethane	"
Carbon tetrachloride	"
Bromodichloromethane	"
1,2-Dichloropropane	"
Trichloroethylene	"
Benzene	"
Dibromochloromethane	"
Bromoform	"
1,1,2,2-Tetrachloroethane	"
Tetrachloroethylene	"
Toluene	1200
Chlorobenzene	ND
Ethylbenzene	370
Xylenes	1700
DETECTION LIMIT	200
UNITS	ug/kg (PPM)

QH

35177

COMPOUND	CONCENTRATION	COMPOUND	CONCENTRATION
0-Dichlorobenzene	ND	2-Chlorophenol	ND
Bis(2-chloroethyl)ether	"	2-Nitrophenol	"
Nitrobenzene	"	Phenol	"
Hexachlorobutadiene	"	2,4-Dimethylphenol	"
1,2,4-Trichlorobenzene	"	2,4-Dichlorophenol	"
Isophorone	"	2,4,6-Trichlorophenol	"
Naphthalene	210	4-Chloro-3-methyphenol	"
Methylnaphthalene	65	2,4-Dinitrophenol	"
Dimethylnaphthalene	TRACE	2-Methyl-4,6-dinitrophenol	"
Trimethylnaphthalene	ND	4-Nitrophenol	"
Hexachlorocyclopentadiene	"		
Acenaphthylene	"		
Dibenzofuran	"		
Acenaphthene	"		
Fluorene	"		
2,4-Dinitrotoluene	"		
Phenanthrene	"		
Anthracene	"		
Fluoranthene	"		
Pyrene	"		
Benzidine	"		
Chrysene	"		
Benzo(a)anthracene	"		
3,3'-Dichlorobenzidine	"		
C_3 SUBSTITUTED BENZENES	940		
C_4 SUBSTITUTED BENZENES	930		
METHYL INDENES	100*		
ALIPHATIC HYDROCARBONS	2800		
ALIPHATIC ACIDS	3400*		
PHTHALATES	800*		
OTHER ORGANIC COMPOUNDS	400*		
DETECTION LIMIT	50		
UNITS	ug/kg (PPM)		

* TENTATIVE

:2 H

Sampling Purpose 0 2

Indicate Program Code 41

Time Collected: 1520

Date Collected: 8/2/84

Lab # 0035178

SPECIAL ANALYSIS FORM

X503

Date Received AUG 7 1984

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit / IW Industries	03117403

SOURCE OF SAMPLE: (Exact Location) Sump behind tank wash room.

PHYSICAL OBSERVATIONS, REMARKS: Supernate w/ sludge.

TESTS REQUESTED: "SW-846 ANALYTICAL PROCEDURES MUST BE FOLLOWED"
See attached list. - ORGANICS ONLY -

COLLECTED BY: Glenn J. Stewart TRANSPORTED BY: C Stowell

LABORATORY

RECEIVED BY: JC/SB DATE COMPLETED: DATE FORWARDED: 6/25/85

Not suitable for flash point

0035178

LPC-8A 4/77 (NOT FOR DATA PROCESSING)

Parameters

pH

Flash Point

EP Tox for:

- As
- Ba
- Cd
- Cr
- Pb
- Hg
- Endrin
- Lindane
- Methoxychlor
- Toxaphene
- 2,4,-D
- 2,4,5-TP

- Trichloroethylene
- Methylene Chloride
- 1,1,1-trichloroethane
- Tetrachloroethylene
- Chlorobenzene
- Trichlorofluoromethane
- ~~Xylene~~
- ~~Acetone~~
- Cresols
- Cresylic Acid
- Nitrobenzene
- Toluene
- Methyl Ethyl Ketone
- Carbon Disulfide
- Isobutanol
- Pyridine
- Carbon Tetrachloride
- Orthodichlorobenzene

Sample Number 35178

Parameter	µg/l-PPB	Parameter	
Lindane	<.05µg/l		
Endrin	<.05µg/l		
Methoxychlor	<0.25µg/l		
Toxaphene	<5.0µg/l		
2,4 D	<0.25µg/l		
Silvex	<0.05µg/l		

35178
Sample Number

Reported By

JH

3578

COMPOUND	CONCENTRATION	COMPOUND	CONCENTRATION
0-Dichlorobenzene	-	2-Chlorophenol	ND
Bis(2-chloroethyl)ether	-	2-Nitrophenol	"
Nitrobenzene	ND	Phenol	"
Hexachlorobutadiene	"	2,4-Dimethylphenol	"
1,2,4-Trichlorobenzene	"	2,4-Dichlorophenol	"
Isophorone	"	2,4,6-Trichlorophenol	"
Naphthalene	"	4-Chloro-3-methyphenol	"
Methylnaphthalene	"	2,4-Dinitrophenol	"
Dimethylnaphthalene	"	2-Methyl-4,6-dinitrophenol	"
Trimethylnaphthalene	"	4-Nitrophenol	"
Hexachlorocyclopentadiene	"		
Acenaphthylene	"		
Dibenzofuran	"		
Acenaphthene	"		
Fluorene	"		
2,4-Dinitrotoluene	"		
Phenanthrene	"		
Anthracene	"		
Fluoranthene	"		
Pyrene	"		
Benzidine	"		
Chrysene	"		
Benzo(a)anthracene	"		
3,3'-Dichlorobenzidine	"		
DETECTION LIMIT	500		
UNITS	ug/l (PPB)		

This sample was aqueous in nature. Water Sample
no volatile sample bottle submitted.

AH

Sampling Purpose 0 2

Indicate Program Code 41

Time Collected: 1525

Lab # 0035179

SPECIAL ANALYSIS FORM

Date Collected: 8/2/84

Date Received AUG 7 1984

X504

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit | IW Industries	03117403

SOURCE OF SAMPLE: (Exact Location) dumpster behind tank wash room.

PHYSICAL OBSERVATIONS, REMARKS: gray/red paint appearing mastic

TESTS REQUESTED: "SW-846 ANALITICAL PROCEDURES MUST BE FOLLOW" See attached list - ORGANICS ONLY -

COLLECTED BY: [illegible] TRANSPORTED BY: C. Howard

LABORATORY

RECEIVED BY: [illegible] DATE COMPLETED: DATE FORWARDED: 6/25/85 J. Hurley

not suitable for flash point

0035179

LPC-8A 4/77 (NOT FOR DATA PROCESSING)

Parameters

pH
Flash Point
EP Tox for:
- As
- Ba
- Cd
- Cr
- Pb
- Hg
- Endrin
- Lindane
- Methoxychlor
- Toxaphene
- 2,4,-D
- 2,4,5-TP

- Trichloroethylene
- Methylene Chloride
- 1,1,1-trichloroethane
- Tetrachloroethylene
- Chlorobenzene
- Trichlorofluoromethane
- ~~Xylene~~
- ~~Acetone~~
- Cresols
- Cresylic Acid
- Nitrobenzene
- Toluene
- Methyl Ethyl Ketone
- Carbon Disulfide
- Isobutanol
- Pyridine
- Carbon Tetrachloride
- Orthodichlorobenzene

Sample Number 35179

Parameter	µg/g (PPM)	Parameter	
Lindane	<0.5µg/g		
Endrin	<0.5µg/g		
Methoxychlor	<2.5µg/g		
Toxaphene	<25µg/g		
2,4D	<1µg/g		
Silvex	<0.5µg/g		

35179
Sample Number

Reported By

35174

COMPOUND	CONCENTRATION
Vinyl chloride	–
Chloroethane	–
Methylene chloride	ND
Bromochloromethane	"
1,1-Dichloroethylene	"
1,1-Dichloroethane	"
1,2-Dichloroethylene	"
Chloroform	"
1,2-Dichloroethane	"
1,1,1-Trichloroethane	"
Carbon tetrachloride	"
Bromodichloromethane	"
1,2-Dichloropropane	"
Trichloroethylene	"
Benzene	40
Dibromochloromethane	ND
Bromoform	"
1,1,2,2-Tetrachloroethane	"
Tetrachloroethylene	"
Toluene	860
Chlorobenzene	ND
Ethylbenzene	160
Xylenes	630
Detection Limit	40
Units	ug/g (PPM)

A H

35179

COMPOUND	CONCENTRATION	COMPOUND	CONCENTRATION
0-Dichlorobenzene	–	2-Chlorophenol	ND
Bis(2-chloroethyl)ether	–	2-Nitrophenol	"
Nitrobenzene	ND	Phenol	"
Hexachlorobutadiene	"	2,4-Dimethylphenol	"
1,2,4-Trichlorobenzene	"	2,4-Dichlorophenol	"
Isophorone	"	2,4,6-Trichlorophenol	"
Naphthalene	60	4-Chloro-3-methyphenol	"
Methylnaphthalene	TRACE	2,4-Dinitrophenol	"
Dimethylnaphthalene	130	2-Methyl-4,6-dinitrophenol	"
Trimethylnaphthalene	380	4-Nitrophenol	"
Hexachlorocyclopentadiene	ND		
Acenaphthylene	"		
Dibenzofuran	"		
Acenaphthene	"		
Fluorene	"		
2,4-Dinitrotoluene	"		
Phenanthrene /	–		
Anthracene	160		
Fluoranthene	ND		
Pyrene	"		
Benzidine	"		
Chrysene	"		
Benzo(a)anthracene	"		
3,3'-Dichlorobenzidine	"		
C_3 SUBSTITUTED BENZENES	1200		
C_4 SUBSTITUTED BENZENES	640		
ALIPHATIC HYDROCARBONS	5700		
PHTHALATES	1400*		
OTHER ORGANIC COMPOUNDS	1700*		
DETECTION LIMIT	40		
UNITS	µg/g (PPM)		

* TENTATIVE

Sampling Purpose 0 2

Indicate Program Code 41

Time Collected: 1545

Lab # D035180

SPECIAL ANALYSIS FORM

Date Collected: 8/2/84

X505

Date Received 7 1984

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit / IW Industries	03117403

SOURCE OF SAMPLE: (Exact Location) Underground tank inside building.

PHYSICAL OBSERVATIONS, REMARKS: clear liquid w/ sediment - rancid light oil smell.

TESTS REQUESTED: "SW-846 ANALYTICAL PROCEDURES MUST BE FOLLOWED"
See attached list - ORGANICS ONLY -

COLLECTED BY: Glenn J Sternard TRANSPORTED BY: C Stoll

LABORATORY

RECEIVED BY: QC/SB DATE COMPLETED: DATE FORWARDED: 6/25/85 J Hurley

not suitable for flash point

D035180

LPC-8A 4/77 (NOT FOR DATA PROCESSING)

Parameters

pH
Flash Point
EP Tox for:
As
Ba
Cd
Cr
Pb
Hg
Endrin
Lindane
Methoxychlor
Toxaphene
2,4,-D
2,4,5-TP

- Trichloroethylene
- Methylene Chloride
- 1,1,1-trichloroethane
- Tetrachloroethylene
- Chlorobenzene
- Trichlorofluoromethane
- ~~Xylene~~
- ~~Acetone~~
- Cresols
- Cresylic Acid
- Nitrobenzene
- Toluene
- Methyl Ethyl Ketone
- Carbon Disulfide
- Isobutanol
- Pyridine
- Carbon Tetrachloride
- Orthodichlorobenzene

Sample Number 35180

Parameter	µg/l - PPB	Parameter	
Lindane	<.05µg/l		
Endrin	<.05µg/l		
Methoxychlor	<0.25µg/l		
Toxaphene	<5.0µg/l		
2,4 D	<0.25µg/l		
Silvex	<0.05µg/l		

35180
Sample Number

Reported By

JH

35150

COMPOUND	CONCENTRATION	COMPOUND	CONCENTRATION
0-Dichlorobenzene	ND	2-Chlorophenol	ND
Bis(2-chloroethyl)ether	"	2-Nitrophenol	"
Nitrobenzene	"	Phenol	"
Hexachlorobutadiene	"	2,4-Dimethylphenol	"
1,2,4-Trichlorobenzene	"	2,4-Dichlorophenol	"
Isophorone	"	2,4,6-Trichlorophenol	"
Naphthalene	"	4-Chloro-3-methyphenol	"
Methylnaphthalene	"	2,4-Dinitrophenol	"
Dimethylnaphthalene	"	2-Methyl-4,6-dinitrophenol	"
Trimethylnaphthalene	"	4-Nitrophenol	"
Hexachlorocyclopentadiene	"		
Acenaphthylene	"		
Dibenzofuran	"		
Acenaphthene	"		
Fluorene	"		
2,4-Dinitrotoluene	"		
Phenanthrene	"		
Anthracene	"		
Fluoranthene	"		
Pyrene	"		
Benzidine	"		
Chrysene	"		
Benzo(a)anthracene	"		
3,3'-Dichlorobenzidine	"		
Detection Limit	500		
Units	ug/L (PPB)		

Water sample - no volatile bottle submitted.

[illegible]

Cook Co. - Summit / IWI
03117403

RICHARD M. DALEY
STATE'S ATTORNEY

OFFICE OF THE STATE'S ATTORNEY
COOK COUNTY, ILLINOIS
CHICAGO 60602

Public Interest Bureau
500 Richard J. Daley Center
Area 312/443-4364

June 10, 1985

Mr. John Anderson
Manager
Division of Laboratories
Illinois Environmental Protection Agency
2200 Churchill Road
Springfield, Illinois 62726

Dear Mr. Anderson,

I am requesting the results of samples taken by the Northern Regional Office of your agency from Cook County/ LPC/Summit/IWI (Wellco) on August 7, 1984. At your agency's request, we have initiated a criminal investigation into this matter and would appreciate these results as soon as possible.

If you have any questions, please don't hesitate to call.

Yours truly,

Lynn Worley

Lynn Worley
Assistant State's Attorney
524 Richard J. Daley Center
(321) 443-6366
Chicago, Illinois 60602

LW:js

Illinois Environmental Protection Agency · 2200 Churchill Road, Springfield, IL 62706

217/782-6455

COOK CO. - SUMMIT/IWI

FILE NO. → 0311740 3

June 21, 1985

Ms. Lynn Worley
Assistant State's Attorney
524 Richard J. Daley Center
Chicago, Illinois 60602

Dear Ms. Worley:

We have received your letter requesting release of the analytical results of samples taken on August 7, 1984 at the LPC/Summit/IWI (Wellco) site. Data generated in our laboratory for these samples was furnished to our Division of Land Pollution Control.

We are forwarding your letter to Mr. Thomas Cavanagh, Manager of Field Operations in our DLPC. He will have the data you need.

Sincerely,

John P. Anderson, Manager
Division of Laboratories

JPA:bjh/1317E/52

cc: John Hurley
Manager, Organics Laboratory

Sent June 28, 1985
Tom C.

Spfield

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND POLLUTION CONTROL
CHAIN OF CUSTODY

I certify that the samples listed below were ~~collected in my presence~~ delivered to me by the below named samplers and that each sample bottle was sealed intact by me and that I wrote my initials and the date on the seal of each bottle.

Site Inventory No. 0311740003 County Cook

Federal I.D. No. None Summit IWI Industries.
(Facility Name)

SAMPLING TEAM

Sample No.	Consisting of the Indicated No. of Bottles	Date Collected	Time Sealed
•YS201 42506	1	8/19/85	3:00 AM/PM
•YS203 42507	1	8/19/85	3:00 AM/PM
			AM/PM
			AM/PM
			AM/PM
			AM/PM
			AM/PM
			AM/PM
			AM/PM
			AM/PM

Sealer's Signature Pamela K. Liska Date 8/19/85 Time 4:20 AM/PM

Sampler(s) Brad Benning (BB)

RECEIVED
JAN 03 1986

I certify I received the above samples, with each seal on each bottle intact and the sealer's initials written on each sample seal.

CARRIERS

Relinquished By (Signature)	Date	Time	Received By (Signature)	Date	Time
Pamela K. Liska	8/19/85	5:15 AM/PM	Steve Bellm	8-26-85	3:00 AM/PM
Steve Bellm	8-26-85	3:33 AM/PM	Leslie N Holt	8-26-85	3:15 AM/PM
		AM/PM			AM/PM
		AM/PM			AM/PM
		AM/PM			AM/PM
		AM/PM			AM/PM
		AM/PM			AM/PM

LAB CUSTODIAN

I certify I received the above samples with each seal on each bottle intact, and the sealer's initials written on each sample seal. After recording these samples in the official record book, these same samples will be in the custody of competent laboratory personnel at all times or locked in a secured area.

Signature Leslie N Holt Date 8-26-85 Time 3:15 A.M. P.M.

Steve Bellm 8-28-85 8:30 AM

IL 532-1147
LPC 141 9/83 120-011

Spfield

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND POLLUTION CONTROL
CHAIN OF CUSTODY

SAMPLING TEAM

I certify that the samples listed below were ~~collected in my presence~~ delivered to me by the below-named samplers and that each sample bottle was sealed intact by me and that I wrote my initials and the date on the seal of each bottle.

Site Inventory No. 0311740003 County Cook

Federal I.D. No. None Summit / IWI Industries (Facility Name)

Sample No.		Consisting of the Indicated No. of Bottles		Date Collected	Time Sealed
XS204	BB	1	42508	8/20/85	9:40 AM/PM
XS205	BB	1	42509	8/20/85	9:40 AM/PM
XS206	BB	1	42510	8/20/85	9:40 AM/PM
XS207	BB	1	42511	8/20/85	9:40 AM/PM
XM202A	GB	3	42512	8/20/85	10:10 AM/PM
XM202B	GB	1	42513	8/20/85	10:10 AM/PM
XP201	BB	1	42514	8/20/85	10:45 AM/PM
XP202	BB	1	42515	8/20/85	10:45 AM/PM
XN201A	GB	3	42516	8/20/85	11:50 AM/PM
XN201B	GB	1	42517	8/20/85	11:50 AM/PM

Sealer's Signature Pamela K. Ruska Date 8/20/85 Time 11:55 AM/PM

Sampler(s) Brad Benning (BB) Gino Bruni (GB)

CARRIERS

I certify I received the above samples, with each seal on each bottle intact and the sealer's initials written on each sample seal.

Relinquished By (Signature)	Date	Time	Received By (Signature)	Date	Time
Pamela K. Ruska	8/20/85	4:35 AM/PM	Gino Bruni	8-26-85	AM/PM
Gino Bruni	8-26-85	8:33 AM/PM	Leola W Hurt	8-26-85	AM/PM
		AM/PM			AM/PM
		AM/PM			AM/PM
		AM/PM			AM/PM
		AM/PM			AM/PM
		AM/PM			AM/PM

LAB CUSTODIAN

I certify I received the above samples with each seal on each bottle intact, and the sealer's initials written on each sample seal. After recording these samples in the official record book, these same samples will be in the custody of competent laboratory personnel at all times or locked in a secured area.

Signature Steve Butler Date 8-28-85 Time 8:30 A.M. P.M.

RECEIVED

JAN 0 3 1986

IL 532-1147
LPC 141 9/83

120-011

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND POLLUTION CONTROL
CHAIN OF CUSTODY

SAMPLING TEAM

I certify that the samples listed below were ~~collected in my presence~~ delivered to me by the below-named samplers and that each sample bottle was sealed intact by me and that I wrote my initials and the date on the seal of each bottle.

Site Inventory No. 0311740003 County Cook

Federal I.D. No. None Summit / IWI Industries (Facility Name)

Sample No.		Consisting of the Indicated No. of Bottles		Date Collected	Time Sealed
XS208	BB	1	42518	8/20/85	1:50 AM/PM
XS209	BB	1	42519	8/20/85	1:50 AM/PM
XS210	BB	1	42520	8/20/85	1:50 AM/PM
XD203	GB	1	42521	8/20/85	2:05 AM/PM
XS212	GB	1	42522	8/20/85	2:05 AM/PM
XS216	GB	1	42523	8/20/85	3:00 AM/PM
XP204	GB	1	42524	8/20/85	3:00 AM/PM
XP205	BB	1	42525	8/20/85	3:00 AM/PM
XP207	BB	1	42526	8/20/85	3:00 AM/PM
XS217	BB	1	42527	8/20/85	3:00 AM/PM

Sealer's Signature Pamela K. Lisker Date 8/20/85 Time 3:20 AM/PM

Sampler(s) Brad Benning (BB) Gino Bruni (GB)

CARRIERS

I certify I received the above samples, with each seal on each bottle intact and the sealer's initials written on each sample seal.

Relinquished By (Signature)	Date	Time	Received By (Signature)	Date	Time
Pamela K. Lisker	8/20/85	4:35 AM/PM	Gino Bruni	8-26-85	3:00 AM/PM
Gino Bruni	8-26-85	3:33 AM/PM	Lori N. Hoot	8-26-85	AM/PM
		AM/PM			AM/PM
		AM/PM			AM/PM
		AM/PM			AM/PM
		AM/PM			AM/PM
		AM/PM			AM/PM

LAB CUSTODIAN

I certify I received the above samples with each seal on each bottle intact, and the sealer's initials written on each sample seal. After recording these samples in the official record book, these same samples will be in the custody of competent laboratory personnel at all times or locked in a secured area.

Signature Steve Butler Date 8-26-85 Time 8:30 A.M. P.M.

RECEIVED
JAN 0 3 1986

IL 532-1147
LPC 141 9/83

120-011

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND POLLUTION CONTROL
CHAIN OF CUSTODY

I certify that the samples listed below were ~~collected in my presence~~ delivered to me by the below named Samplers and that each sample bottle was sealed intact by me and that I wrote my initials and the date on the seal of each bottle.

Site Inventory No. 0311740003 County Cook

Federal I.D. No. None Summit / IWI Industries (Facility Name)

SAMPLING TEAM

Sample No.	Consisting of the Indicated No. of Bottles		Date Collected	Time Sealed
XØ205	1	42528	8/20/85	3:20 AM/PM
XØ206	1	42529	8/20/85	3:20 AM/PM
XN203	1	42530	8/20/85	3:20 AM/PM
XØ204	1	42531	8/20/85	3:20 AM/PM
XX201	1	42532	8/20/85	3:35 AM/PM
XX203	1	42533	8/20/85	3:35 AM/PM
XX204	1	42534	8/20/85	3:35 AM/PM
				AM/PM
				AM/PM
				AM/PM

Sealer's Signature [signature] Date 8/20/85 Time 3:35 AM/PM

Sampler(s) Brad Benning (BB) Gino Bruni (GB) Rich Finley (RF) John Muher (JM)

CARRIERS

I certify I received the above samples, with each seal on each bottle intact and the sealer's initials written on each sample seal.

Relinquished By (Signature)	Date	Time	Received By (Signature)	Date	Time
[signature]	8/20/85	4:35 AM/PM	[signature]	8-26-85	3:00 AM/PM
[signature]	8-26-85	3:33 AM/PM	[signature]	8-26-85	3:15 AM/PM
		AM/PM			AM/PM
		AM/PM			AM/PM
		AM/PM			AM/PM
		AM/PM			AM/PM
		AM/PM			AM/PM

LAB CUSTODIAN

I certify I received the above samples with each seal on each bottle intact, and the sealer's initials written on each sample seal. After recording these samples in the official record book, these same samples will be in the custody of competent laboratory personnel at all times or locked in a secured area.

Signature [signature] Date 8-28-85 Time 8:30 A.M. P.M.

IL 532-1147
LPC 141 9/83

RECEIVED

120-011

C07480 AUG26'85

Purpose Code 2

Program Code 42

Time Collected: 12:27 pm

Date Collected: 8/20/85

Lab # C507480

SPECIAL ANALYSIS FORM

Date Received

XD 202

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit/IWI Industries, Inc.	0311740003

SOURCE OF SAMPLE: (Exact Location) See DCI Evidence Log

PHYSICAL OBSERVATIONS, REMARKS: ~~Billing Number~~

~~Twenty five day turnaround time~~

RECEIVED SEP 24 1985 IEPA-DLPC

See DCI Evidence Log

TESTS REQUESTED: SW-846 Analytical Procedures Must Be Followed

See below

COLLECTED BY: B. Benning

TRANSPORTED BY: J. Daugherty

LABORATORY

RECEIVED BY: Leslie W Holt

DATE COMPLETED: ~~8-26-85~~

DATE FORWARDED: SEP. 23, 1985

pH	Trichloroethylene	Ethyl Benzene
Flash Point	Methylene Chloride	Cresols
Cd 0.03	1,1,1-Trichlorethane	Cresylic Acid
Cr 0.07	Tetrachloroethylene	Nitrobenzene
Pb	Chlorobenzene	Benzene
CN	Trichlorofluoromethane	Toluene
see LIMS report	Carbontetrachloride	Xylene
Leslie W Holt	Orthodichlorobenzene	Acetone
8-26-85	Methyl Ethyl Ketone	Isobutanol
	Carbon Disulfide	Pyridine

IL 532-0314
LPC 8A 4/77

(NOT FOR DATA PROCESSING)

Environmental Protection Agency
Division of Laboratory Services
2121 W. Taylor Street

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER : C507480
SAMPLING POINT DESC. : COOK\SUMMIT\IWI INDUSTRIES, INC. XD202

SUBMITTING SOURCE # : SITE # : 0311740003
DATE COLLECTED : 850820 TIME COLLECTED : 1227 SAMPLING PROGRAM :

COLLECTED BY : B BENNING DELIVERED BY : BB
COMMENTS : SEE DCI EVIDENCE LOG
FUNDING CODE : LP42 AGENCY ROUTING : 00 UNIT CODE :
SAM TYPE CODE : LPSP SAMPLE PURPOSE CODE : 2

DATE RECEIVED : 850826 TIME RECEIVED : 1615 RECEIVED BY : LWH
LAB OBSERVATIONS : REPORTING INDICATOR :
SUPERVISORS INITIALS : JWD NOTE :

TOXICITY EXTRACT,INITIAL PH UNITS : 8.8
TOXICITY EXTRACT,FINAL PH UNITS : 4.6
EP TOXICITY CADMIUM MG/L : 0.03
EP TOXICITY CHROMIUM MG/L : 0.07

EP TOXICITY LEAD MG/L : 0.82

RECEIVED
SEP 3 4 1985
IEPA-DLPC

D042521

Purpose Code 2

Program Code 42

Time Collected: 12:35 pm

Date Collected: 8/20/85

Lab # D042521

SPECIAL ANALYSIS FORM

Date Received AUG 28 1985

XD203

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit/IWI Industries, Inc.	0311740003

SOURCE OF SAMPLE: (Exact Location) See DCI Evidence Log

PHYSICAL OBSERVATIONS, REMARKS: ~~Billing Number~~

~~Twenty five day turnaround time~~

See DCI Evidence Log

TESTS REQUESTED: SW-846 Analytical Procedures Must Be Followed

See below

COLLECTED BY: G. Bruni TRANSPORTED BY:

LABORATORY

RECEIVED BY: SB DATE COMPLETED: DATE FORWARDED: 10-30-85 J Hurley

pH	Trichloroethylene	Ethyl Benzene
Flash Point	Methylene Chloride	Cresols
Cd	1,1,1-Trichlorethane	Cresylic Acid
Cr	Tetrachloroethylene	Nitrobenzene
Pb	Chlorobenzene	Benzene
CN	Trichlorofluoromethane	Toluene
	Carbontetrachloride	Xylene
	Orthodichlorobenzene	Acetone
	Methyl Ethyl Ketone	Isobutanol
	Carbon Disulfide	Pyridine

IL 532-0314
LPC 8A 4/77

(NOT FOR DATA PROCESSING)

D042521

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER : D542521
SAMPLING POINT DESC. : SUMMIT/IWI INDUSTRIES (XD203)

SUBMITTING SOURCE # : SITE # :
DATE COLLECTED : 850820 TIME COLLECTED : 1235 SAMPLING PROGRAM :

COLLECTED BY : BENNING DELIVERED BY : MESS
COMMENTS : FLASH PT.,VOLS.,EXTRACTABLES
FUNDING CODE : LP42 AGENCY ROUTING : 00 UNIT CODE :
SAM TYPE CODE : SAMPLE PURPOSE CODE : 0

DATE RECEIVED : 850828 TIME RECEIVED : 1000 RECEIVED BY : SJB
LAB OBSERVATIONS : 6OZ. MISC. REPORTING INDICATOR :
SUPERVISORS INITIALS : JTH NOTE : K means "less than"

1,2-DICHLOROBENZENE	UG/G	10K
BIS-(2-CHLOROETHYL)ETHER	UG/G	10K
NITROBENZENE	UG/G	10K
HEXACHLOROCYCLOPENTADIENE	UG/G	10K
1,2,4-TRICHLOROBENZENE	UG/G	10K
ISOPHORONE	UG/G	10K
NAPHTHALENE	UG/G	1000
METHYL NAPHTHALENE	UG/G	10
DIMETHYL NAPHTHALENE	UG/G	10K
TRIMETHYL NAPHTHALENE	UG/G	10K
HEXACHLOROCYCLOPENTADIENE	UG/G	10K
ACENAPHTHYLENE	UG/G	10K
ACENAPHTHENE	UG/G	10K
DIBENZOFURAN	UG/G	10K
FLUORENE	UG/G	10K
2,4-DINITROTOLUENE	UG/G	10K
PHENANTHRENE	UG/G	10K
ANTHRACENE	UG/G	10K
FLUORANTHENE	UG/G	10K
PYRENE	UG/G	10K
BENZIDINE	UG/G	10K
CHRYSENE	UG/G	10K
BENZO(A)ANTHRACENE	UG/G	10K
3,3'-DICHLOROBENZIDINE	UG/G	10K
2-CHLOROPHENOL	UG/G	10K
2-NITROPHENOL	UG/G	10K
PHENOL	UG/G	10K
DIMETHYLPHENOLS	UG/G	10K
2,4,6-DICHLOROPHENOL	UG/G	10K
2,4,6-TRICHLOROPHENOL	UG/G	10K
4-CHLORO-3-METHYLPHENOL	UG/G	10K
2,4-DINITROPHENOL	UG/G	10K
2-METHYL-4,6-DINITROPHENOL	UG/G	10K
4-NITROPHENOL	UG/G	10K

SAMPLE NUMBER : D542521

VINYL CHLORIDE	UG/G	: -
CHLOROETHANE	UG/G	: -
METHYLENE CHLORIDE	UG/G	: 5.0K
BROMOCHLOROMETHANE	UG/G	: 5.0K
1,1-DICHLOROETHYLENE	UG/G	: 5.0K
1,1-DICHLOROETHANE	UG/G	: 5.0K
1,2-DICHLOROETHYLENE	UG/G	: 5.0K
CHLOROFORM	UG/G	: 5.0K
1,2-DICHLOROETHANE	UG/G	: 5.0K
1,1,1-TRICHLOROETHANE	UG/G	: 5.0K
CARBON TETRACHLORIDE	UG/G	: 5.0K
BROMODICHLOROMETHANE	UG/G	: 5.0K
1,2-DICHLOROPROPANE	UG/G	: 5.0K
TRICHLOROETHYLENE	UG/G	: 5.0K
BENZENE	UG/G	: 5.0K
DIBROMOCHLOROMETHANE	UG/G	: 5.0K
BROMOFORM	UG/G	: 5.0K
TETRACHLOROETHYLENE	UG/G	: 5.0K
TOLUENE	UG/G	: 1500
CHLOROBENZENE	UG/G	: 5.0K
ETHYL BENZENE	UG/G	: 7200
XYLENES	UG/G	: 23000

023 : THE FOLLOWING IDENTIFICATIONS ARE TENTATIVE & QUANTITATIONS APPROXIMATE :

024 : C3-SUBSTITUTED BENZENES	UG/G	: 580
025 : C4-SUBSTITUTED BENZENES	UG/G	: 3200
026 : C5-SUBSTITUTED BENZENES	UG/G	: 2000
027 : METHYL INDENES	UG/G	: 1000
028 : ISOBENZOFURANDIONE	UG/G	: 150
029 : ALIPHATIC HYDROCARBONS	UG/G	: 360
030 : ALIPHATIC ACID ESTERS	UG/G	: 290
031 : HEXANEDIOIC ACID,DIOCTYL ESTER	UG/G	: 30
032 : DIMETHYL INDENES	UG/G	: 45
033 : OTHER ORGANIC COMPOUNDS	UG/G	: 5900

C07471 AUG26'85

C507471

Purpose Code 2

Program Code 42

Time Collected: 9:30am

Date Collected: 8/20/85

Lab #

SPECIAL ANALYSIS FORM

Date Received

XM202A

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit/IWI Industries, Inc.	0311740003

SOURCE OF SAMPLE: (Exact Location) See DCI Evidence Log

PHYSICAL OBSERVATIONS, REMARKS: ~~Billing Number~~

~~Twenty five day turnaround time~~

RECEIVED
SEP 24 1985
IEPA-DLPC

See DCI Evidence Log

TESTS REQUESTED: SW-846 Analytical Procedures Must Be Followed

See below

COLLECTED BY: G. Bruni

TRANSPORTED BY:

LABORATORY

RECEIVED BY: Leslie W Holt

DATE COMPLETED: ~~8-26-85~~

J Daugherty

DATE FORWARDED: SEP. 23. 1985

pH	Trichloroethylene	Ethyl Benzene
Flash Point	Methylene Chloride	Cresols
Cd	1,1,1 Trichlorethane	Cresylic Acid
Cr 2.96	Tetrachloroethylene	Nitrobenzene
Pb 2.13	Chlorobenzene	Benzene
CN	Trichlorofluoromethane	Toluene
	Carbontetrachloride	Xylene
	Orthodichlorobenzene	Acetone
	Methyl Ethyl Ketone	Isobutanol
	Carbon Disulfide	Pyridine

see LIMS report

Leslie W Holt

8-26-85

Environmental Protection Agency
Division of Laboratory Services
2121 W. Taylor Street
[redacted]

IL 532-0314
LPC 8A 4/77

(NOT FOR DATA PROCESSING)

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER : C507471
SAMPLING POINT DESC. : COOK/SUMMIT\IWI INDUSTRIES, INC. XM202A

SUBMITTING SOURCE # : SITE # : 0311740003
DATE COLLECTED : 850820 TIME COLLECTED : 0930 SAMPLING PROGRAM :

COLLECTED BY : G BRUNI DELIVERED BY : GB
COMMENTS : SEE DCI EVIDENCE LOG
FUNDING CODE : LP42 AGENCY ROUTING : 00 UNIT CODE :
SAM TYPE CODE : LPSP SAMPLE PURPOSE CODE : Z

DATE RECEIVED : 850826 TIME RECEIVED : 1615 RECEIVED BY : LWH
LAB OBSERVATIONS : REPORTING INDICATOR :
SUPERVISORS INITIALS : JWD NOTE :

PH,SW846 METHOD 9040 UNITS : 7.3
CADMIUM,SW846 METHOD 7130 UG/L : 210
CHROMIUM,SW846 MET 7190 UG/L : 960
LEAD,SW846 METHOD 7420 UG/L : 2130

FLASH POINT,CLOSED CUP DEG.F :
002 : NO FLASH POINT DETECTED UP TO TEMP. 200 DEG. F.

RECEIVED
SEP 24 1985
IEPA-DLPC

Purpose Code 2

Program Code 42

Time Collected: 9:30am

Date Collected: 8/20/85

5042512

Lab # 5042512

SPECIAL ANALYSIS FORM

Date Received AUG 28 1985

XM202A

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit/IWI Industries, Inc.	0311740003

SOURCE OF SAMPLE: (Exact Location) See DCI Evidence Log

PHYSICAL OBSERVATIONS, REMARKS: ~~Billing Number~~

~~Twenty five day turnaround time~~

See DCI Evidence Log

TESTS REQUESTED: SW-846 Analytical Procedures Must Be Followed

See below

COLLECTED BY: G. Bruni

TRANSPORTED BY:

LABORATORY

RECEIVED BY: SB

DATE COMPLETED:

DATE FORWARDED: 10-30-85 J. Turley

pH	Trichloroethylene	Ethyl Benzene
Flash Point	Methylene Chloride	Cresols
Cd	1,1,1-Trichlorethane	Cresylic Acid
Cr	Tetrachloroethylene	Nitrobenzene
Pb	Chlorobenzene	Benzene
CN	Trichlorofluoromethane	Toluene
	Carbontetrachloride	Xylene
	Orthodichlorobenzene	Acetone
	Methyl Ethyl Ketone	Isobutanol
	Carbon Disulfide	Pyridine

IL 532-0314
LPC 8A 4/77

(NOT FOR DATA PROCESSING)

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER : D542512
SAMPLING POINT DESC. : SUMMIT/IWI INDUSTRIES (XM202A)

SUBMITTING SOURCE # : SITE # :
DATE COLLECTED : 850820 TIME COLLECTED : 0930 SAMPLING PROGRAM :

COLLECTED BY : BENNING DELIVERED BY : MESS
COMMENTS : FLASH PT.,VOLS.,EXTRACTABLES
FUNDING CODE : LP42 AGENCY ROUTING : 00 UNIT CODE :
SAM TYPE CODE : SAMPLE PURPOSE CODE : 0

DATE RECEIVED : 850828 TIME RECEIVED : 1000 RECEIVED BY : SJB
LAB OBSERVATIONS : 60%, WATER REPORTING INDICATOR :
SUPERVISORS INITIALS : JTH NOTE : K means "less than"

P34536	1,2-DICHLOROBENZENE	UG/L	250K
P34273	BIS-(2-CHLOROETHYL)ETHER	UG/L	250K
P34447	NITROBENZENE	UG/L	250K
P34391	HEXACHLOROBUTADIENE	UG/L	250K
P34551	1,2,4-TRICHLOROBENZENE	UG/L	250K
P34408	ISOPHORONE	UG/L	250K
P34696	NAPHTHALENE	UG/L	250K
P81547	METHYL NAPHTHALENE	UG/L	250K
P81531	DIMETHYL NAPHTHALENE	UG/L	250K
P78212	TRIMETHYL NAPTHALENE	UG/L	250K
P34386	HEXACHLOROCYCLOPENTADIENE	UG/L	250K
P34200	ACENAPHTHYLENE	UG/L	250K
P34205	ACENAPHTHENE	UG/L	250K
P81302	DIBENZOFURAN	UG/L	250K
P34381	FLUORENE	UG/L	250K
P34611	2,4-DINITROTOLUENE	UG/L	250K
P34461	PHENANTHRENE	UG/L	250K
P34220	ANTHRACENE	UG/L	250K
P34376	FLUORANTHENE	UG/L	250K
P34469	PYRENE	UG/L	250K
P39120	BENZIDINE	UG/L	250K
P34320	CHRYSENE	UG/L	250K
P34526	BENZO(A)ANTHRACENE	UG/L	250K
P34631	3,3'-DICHLOROBENZIDINE	UG/L	250K
P34586	2-CHLOROPHENOL	UG/L	250K
P34591	2-NITROPHENOL	UG/L	250K
P34694	PHENOL	UG/L	250K
P34606	2,4-DIMETHYLPHENOL	UG/L	250K
P34601	2,4-DICHLOROPHENOL	UG/L	250K
P34621	2,4,6-TRICHLOROPHENOL	UG/L	250K
P34452	4-CHLORO-3-METHYLPHENOL	UG/L	250K
P34616	2,4-DINITROPHENOL	UG/L	250K
P34657	2-METHYL-4,6-DINITROPHENOL	UG/L	250K
P34646	4-NITROPHENOL	UG/L	250K

SAMPLE NUMBER : D542512

P39175	VINYL CHLORIDE	UG/L	: -
P34311	CHLOROETHANE	UG/L	: -
P34423	METHYLENE CHLORIDE	UG/L	: 110
	BROMOCHLOROMETHANE	UG/L	: 5.0K
P34501	1,1-DICHLOROETHYLENE	UG/L	: 5.0K
P34496	1,1-DICHLOROETHANE	UG/L	: 15
P34546	1,2-DICHLOROETHYLENE	UG/L	: 43
P32106	CHLOROFORM	UG/L	: 5.0K
P81328	DICHLOROETHANE	UG/L	: 23
P34506	1,1,1-TRICHLOROETHANE	UG/L	: 51
P32102	CARBONTETRACHLORIDE	UG/L	: 5.0K
P32101	BROMODICHLOROMETHANE	UG/L	: 5.0K
P34541	1,2-DICHLOROPROPANE	UG/L	: 5.0K
P39180	TRICHLOROETHYLENE	UG/L	: 16
P78124	BENZENE	UG/L	: 5.0K
P32105	DIBROMOCHLOROMETHANE	UG/L	: 5.0K
P32104	BROMOFORM	UG/L	: 5.0K
P34475	TETRACHLOROETHYLENE	UG/L	: 17
P78131	TOLUENE	UG/L	: 5.0K
P34301	CHLOROBENZENE	UG/L	: 5.0K
78113	ETHYLBENZENE	UG/L	: 5.0K
P81551	XYLENE	UG/L	: 5.0K

023 : NOTE : NO VOC VIAL WAS RECEIVED FOR VOLATILE ANALYSIS.
024 : PORTION OF WATER POURED FROM 6OZ. JAR.

Purpose Code 2 5042513

Program Code 42

Time Collected: 9:30 am

Date Collected: 8/20/85

Lab # 5042513

SPECIAL ANALYSIS FORM

Date Received AUG 28 1985

XM202B

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit/IWI Industries, Inc.	0311740003

SOURCE OF SAMPLE: (Exact Location) See DCI Evidence Log

PHYSICAL OBSERVATIONS, REMARKS: ~~Billing Number~~

~~Twenty five day turnaround time~~

See DCI Evidence Log

TESTS REQUESTED: SW-846 Analytical Procedures Must Be Followed

See below

COLLECTED BY: G. Bruni TRANSPORTED BY:

LABORATORY

RECEIVED BY: S.B. DATE COMPLETED: DATE FORWARDED: 10-30-85

pH	Trichloroethylene	Ethyl Benzene
Flash Point	Methylene Chloride	Cresols
Cd	1,1,1-Trichlorethane	Cresylic Acid
Cr	Tetrachloroethylene	Nitrobenzene
Pb	Chlorobenzene	Benzene
CN	Trichlorofluoromethane	Toluene
	Carbontetrachloride	Xylene
	Orthodichlorobenzene	Acetone
	Methyl Ethyl Ketone	Isobutanol
	Carbon Disulfide	Pyridine

IL 532-0314
LPC 8A 4/77

(NOT FOR DATA PROCESSING)

5042513

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER : D542513
SAMPLING POINT DESC. : SUMMIT/IWI INDUSTRIES (XM202B)

SUBMITTING SOURCE # : SITE # :
DATE COLLECTED : 850820 TIME COLLECTED : 0930 SAMPLING PROGRAM :

COLLECTED BY : BENNING DELIVERED BY : MESS
COMMENTS : FLASH PT.,VOLS.,EXTRACTABLES
FUNDING CODE : LP42 AGENCY ROUTING : 00 UNIT CODE :
SAM TYPE CODE : SAMPLE PURPOSE CODE : 0

DATE RECEIVED : 850828 TIME RECEIVED : 1000 RECEIVED BY : SJB
LAB OBSERVATIONS : 6OZ. MISC. REPORTING INDICATOR :
SUPERVISORS INITIALS : JTH NOTE : K means "less than"

1,2-DICHLOROBENZENE	UG/G :	10K
BIS-(2-CHLOROETHYL)ETHER	UG/G :	10K
NITROBENZENE	UG/G :	10K
HEXACHLOROCYCLOPENTADIENE	UG/G :	10K
1,2,4-TRICHLOROBENZENE	UG/G :	10K
ISOPHORONE	UG/G :	10K
NAPHTHALENE	UG/G :	20
METHYL NAPHTHALENE	UG/G :	13
DIMETHYL NAPHTHALENE	UG/G :	13
TRIMETHYL NAPHTHALENE	UG/G :	10K
HEXACHLOROCYCLOPENTADIENE	UG/G :	10K
ACENAPHTHYLENE	UG/G :	10K
ACENAPHTHENE	UG/G :	10K
DIBENZOFURAN	UG/G :	10K
FLUORENE	UG/G :	10K
2,4-DINITROTOLUENE	UG/G :	10K
PHENANTHRENE	UG/G :	10K
ANTHRACENE	UG/G :	10K
FLUORANTHENE	UG/G :	10K
PYRENE	UG/G :	10K
BENZIDINE	UG/G :	10K
CHRYSENE	UG/G :	10K
BENZO(A)ANTHRACENE	UG/G :	10K
3,3'-DICHLOROBENZIDINE	UG/G :	10K
2-CHLOROPHENOL	UG/G :	10K
2-NITROPHENOL	UG/G :	10K
PHENOL	UG/G :	10K
DIMETHYLPHENOLS	UG/G :	10K
2,4,6-DICHLOROPHENOL	UG/G :	10K
2,4,6-TRICHLOROPHENOL	UG/G :	10K
4-CHLORO-3-METHYLPHENOL	UG/G :	10K
2,4-DINITROPHENOL	UG/G :	10K
2-METHYL-4,6-DINITROPHENOL	UG/G :	10K
4-NITROPHENOL	UG/G :	10K

SAMPLE NUMBER : D542513

VINYL CHLORIDE	UG/G	: -
CHLOROETHANE	UG/G	: -
METHYLENE CHLORIDE	UG/G	: 5.0K
BROMOCHLOROMETHANE	UG/G	: 5.0K
1,1-DICHLOROETHYLENE	UG/G	: 5.0K
1,1-DICHLOROETHANE	UG/G	: 5.0K
1,2-DICHLOROETHYLENE	UG/G	: 5.0K
CHLOROFORM	UG/G	: 5.0K
1,2-DICHLOROETHANE	UG/G	: 5.0K
1,1,1-TRICHLOROETHANE	UG/G	: 5.0K
CARBON TETRACHLORIDE	UG/G	: 5.0K
BROMODICHLOROMETHANE	UG/G	: 5.0K
1,2-DICHLOROPROPANE	UG/G	: 5.0K
TRICHLOROETHYLENE	UG/G	: 5.0K
BENZENE	UG/G	: 5.0K
DIBROMOCHLOROMETHANE	UG/G	: 5.0K
BROMOFORM	UG/G	: 5.0
TETRACHLOROETHYLENE	UG/G	: 5.0K
TOLUENE	UG/G	: 98
CHLOROBENZENE	UG/G	: 5.0K
ETHYL BENZENE	UG/G	: 160
XYLENES	UG/G	: 730

023 : THE FOLLOWING IDENTIFICATIONS ARE TENTATIVE & QUANTITATIONS APPROXIMATE :

024 : C3-SUBSTITUTED BENZENES	UG/G	: 850
025 : C4-SUBSTITUTED BENZENES	UG/G	: 240
026 : C5-SUBSTITUTED BNZENES	UG/G	: 40
027 : METHYL INDENES	UG/G	: 15
028 : ISOBENZOFURANDIONE	UG/G	: 50
029 : ALIPHATIC HYDROCARBONS	UG/G	: 1600
030 : OTHER ORGANIC COMPOUNDS	UG/G	: 370

C07472 AUG26 85
C507472

Purpose Code 2
Program Code 42
Time Collected: 9:30 am
Date Collected: 8/20/85

Lab #
SPECIAL ANALYSIS FORM
Date Received

XM202B

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit/IWI Industries, Inc.	0311740003

SOURCE OF SAMPLE: (Exact Location) See DCI Evidence Log

RECEIVED
SEP 24 1985
IEPA-DLPC

PHYSICAL OBSERVATIONS, REMARKS: ~~Billing Number~~
~~Twenty five day turnaround time~~

See DCI Evidence Log

TESTS REQUESTED: SW-846 Analytical Procedures Must Be Followed
See below

COLLECTED BY: G. Bruni
TRANSPORTED BY:

LABORATORY

RECEIVED BY: Lulu W Holt
DATE COMPLETED: [redacted]
Daugherty
DATE FORWARDED: SEP. 23. 1985

pH	Trichloroethylene	Ethyl Benzene
Flash Point	Methylene Chloride	Cresols
Cd 0.01	1,1,1-Trichlorethane	Cresylic Acid
Cr 0.11	Tetrachloroethylene	Nitrobenzene
Pb	Chlorobenzene	Benzene
CN	Trichlorofluoromethane	Toluene
	Carbontetrachloride	Xylene
	Orthodichlorobenzene	Acetone
	Methyl Ethyl Ketone	Isobutanol
	Carbon Disulfide	

see LIMS report
Lulu W Holt
8-26-85

Environmental Protection Agency
Division of Laboratory Services
2121 W. Taylor Street
Chicago, Illinois [redacted]

IL 532-0314
LPC 8A 4/77

(NOT FOR DATA PROCESSING)

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER : C507472
SAMPLING POINT DESC. : COOK/SUMMIT\IWI INDUSTRIES INC. XM202B

SUBMITTING SOURCE # : SITE # : 0311740003
DATE COLLECTED : 850820 TIME COLLECTED : 0930 SAMPLING PROGRAM :

COLLECTED BY : G BRUNI DELIVERED BY : GB
COMMENTS : SEE DCI EVIDENCE LOG
FUNDING CODE : LP42 AGENCY ROUTING : 00 UNIT CODE :
SAM TYPE CODE : LPSP SAMPLE PURPOSE CODE : Z

DATE RECEIVED : 850826 TIME RECEIVED : 1615 RECEIVED BY : LWH
LAB OBSERVATIONS : REPORTING INDICATOR :
SUPERVISORS INITIALS : JWD NOTE :

TOXICITY EXTRACT,INITIAL PH UNITS : 8.6
TOXICITY EXTRACT,FINAL PH UNITS : 5.0
EP TOXICITY CADMIUM MG/L : 0.01K
EP TOXICITY CHROMIUM MG/L : 0.11

EP TOXICITY LEAD MG/L : 0.12

RECEIVED
SEP 24 1985
IEPA-DLPC

Purpose Code 2
Program Code 42
Time Collected: 1:20 pm
Date Collected: 8/20/85

C07484 AUG26 85
Lab # C507484

SPECIAL ANALYSIS FORM

Date Received

XP207

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit/IWI Industries, Inc.	0311740003

SOURCE OF SAMPLE: (Exact Location) See DCI Evidence Log

PHYSICAL OBSERVATIONS, REMARKS: ~~Billing Number~~
~~Twenty five day turnaround time~~

RECEIVED
SEP 24 1985
IEPA-DLPC

See DCI Evidence Log

TESTS REQUESTED: SW-846 Analytical Procedures Must Be Followed
See below

COLLECTED BY: B. Benning

TRANSPORTED BY:

LABORATORY

RECEIVED BY: Leslie W. Holt

DATE COMPLETED: ~~8-26-85~~

Dougherty

DATE FORWARDED: SEP. 23. 1985

pH	Trichloroethylene	Ethyl Benzene
Flash Point: 79°F	Methylene Chloride	Cresols
Cd	1,1,1-Trichlorethane	Cresylic Acid
Cr	Tetrachloroethylene	Nitrobenzene
Pb	Chlorobenzene	Benzene
CN	Trichlorofluoromethane	Toluene
	Carbontetrachloride	Xylene
	Orthodichlorobenzene	Acetone
	Methyl Ethyl Ketone	Isobutanol
	Carbon Disulfide	Pyridine

See LIMS report
Leslie W. Holt
8-26-85

IL 532-0314
LPC 8A 4/77

(NOT FOR DATA PROCESSING)

Environmental Protection Agency
D. Laboratory Services
2121 W. Taylor Street
Chicago, Illinois 60612

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER : C507484
SAMPLING POINT DESC. : COOK\SUMMIT\IWI INDUSTRIES, INC. XP207

SUBMITTING SOURCE # : SITE # : 0311740003
DATE COLLECTED : 850820 TIME COLLECTED : 1320 SAMPLING PROGRAM :

COLLECTED BY : B BENNING DELIVERED BY : BB
COMMENTS : SEE DCI EVIDENCE LOG
FUNDING CODE : LP42 AGENCY ROUTING : 00 UNIT CODE :
SAM TYPE CODE : LPSP SAMPLE PURPOSE CODE : 2

DATE RECEIVED : 850826 TIME RECEIVED : 1615 RECEIVED BY : LWH
LAB OBSERVATIONS : LIQUID/ORG.MATRIX REPORTING INDICATOR :
SUPERVISORS INITIALS : JWD NOTE :

FLASH POINT,CLOSED CUP DEG.F : 79

REC
SEP 24 198
IEPA-DLP

D042516

Purpose Code 2

Program Code 42

Time Collected: 9:50am

Date Collected: 8/20/85

Lab # D042516

SPECIAL ANALYSIS FORM

Date Received AUG 28 1985

XN201A

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit/IWI Industries, Inc.	0311740003

SOURCE OF SAMPLE: (Exact Location) See DCI Evidence Log

PHYSICAL OBSERVATIONS, REMARKS: ~~Billing Number~~

~~Twenty five day turnaround time~~

See DCI Evidence Log

TESTS REQUESTED: SW-846 Analytical Procedures Must Be Followed

See below

COLLECTED BY: G. Bruni TRANSPORTED BY:

LABORATORY

RECEIVED BY: SB. DATE COMPLETED: DATE FORWARDED: 10-30-8- J. Stanley

pH	Trichloroethylene	Ethyl Benzene
Flash Point	Methylene Chloride	Cresols
Cd	1,1,1-Trichloroethane	Cresylic Acid
Cr	Tetrachloroethylene	Nitrobenzene
Pb	Chlorobenzene	Benzene
CN	Trichlorofluoromethane	Toluene
	Carbontetrachloride	Xylene
	Orthodichlorobenzene	Acetone
	Methyl Ethyl Ketone	Isobutanol
	Carbon Disulfide	Pyridine

IL 532-0314
LPC 8A 4/77

(NOT FOR DATA PROCESSING)

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER : D542516
SAMPLING POINT DESC. : SUMMIT/IWI INDUSTRIES (XN201A)

SUBMITTING SOURCE # : SITE # :
DATE COLLECTED : 850820 TIME COLLECTED : 0950 SAMPLING PROGRAM :

COLLECTED BY : BENNING DELIVERED BY : MESS
COMMENTS : FLASH PT.,VOLS.,EXTRACTABLES
FUNDING CODE : LP42 AGENCY ROUTING : 00 UNIT CODE :
SAM TYPE CODE : SAMPLE PURPOSE CODE : 0

DATE RECEIVED : 850828 TIME RECEIVED : 1000 RECEIVED BY : SJB
LAB OBSERVATIONS : 6OZ. WATER REPORTING INDICATOR :
SUPERVISORS INITIALS : JTH NOTE : K means "less than"

P34536	1,2-DICHLOROBENZENE	UG/L	: 250K
P34273	BIS-(2-CHLOROETHYL)ETHER	UG/L	: 250K
P34447	NITROBENZENE	UG/L	: 250K
P34391	HEXACHLOROBUTADIENE	UG/L	: 250K
P34551	1,2,4-TRICHLOROBENZENE	UG/L	: 250K
P34408	ISOPHORONE	UG/L	: 250K
P34696	NAPHTHALENE	UG/L	: 250K
P81547	METHYL NAPHTHALENE	UG/L	: 250K
P81531	DIMETHYL NAPHTHALENE	UG/L	: 250K
P78212	TRIMETHYL NAPTHALENE	UG/L	: 250K
P34386	HEXACHLOROCYCLOPENTADIENE	UG/L	: 250K
P34200	ACENAPHTHYLENE	UG/L	: 250K
P34205	ACENAPHTHENE	UG/L	: 250K
P81302	DIBENZOFURAN	UG/L	: 250K
P34381	FLUORENE	UG/L	: 250K
P34611	2,4-DINITROTOLUENE	UG/L	: 250K
P34461	PHENANTHRENE	UG/L	: 250K
P34220	ANTHRACENE	UG/L	: 250K
P34376	FLUORANTHENE	UG/L	: 250K
P34469	PYRENE	UG/L	: 250K
P39120	BENZIDINE	UG/L	: 250K
P34320	CHRYSENE	UG/L	: 250K
P34526	BENZO(A)ANTHRACENE	UG/L	: 250K
P34631	3,3'-DICHLOROBENZIDINE	UG/L	: 250K
P34586	2-CHLOROPHENOL	UG/L	: 250K
P34591	2-NITROPHENOL	UG/L	: 250K
P34694	PHENOL	UG/L	: 250K
P34606	2,4-DIMETHYLPHENOL	UG/L	: 250K
P34601	2,4-DICHLOROPHENOL	UG/L	: 250K
P34621	2,4,6-TRICHLOROPHENOL	UG/L	: 250K
P34452	4-CHLORO-3-METHYLPHENOL	UG/L	: 250K
P34616	2,4-DINITROPHENOL	UG/L	: 250K
P34657	2-METHYL-4,6-DINITROPHENOL	UG/L	: 250K
P34646	4-NITROPHENOL	UG/L	: 250K

SAMPLE NUMBER : D542516

39175	VINYL CHLORIDE	UG/L	: -
P34311	CHLOROETHANE	UG/L	: -
P34423	METHYLENE CHLORIDE	UG/L	: 120
	BROMOCHLOROMETHANE	UG/L	: 5.0K
P34501	1,1-DICHLOROETHYLENE	UG/L	: 5.0K
P34496	1,1-DICHLOROETHANE	UG/L	: 14
P34546	1,2-DICHLOROETHYLENE	UG/L	: 36
P32106	CHLOROFORM	UG/L	: 5.0
P81328	DICHLOROETHANE	UG/L	: 26
P34506	1,1,1-TRICHLOROETHANE	UG/L	: 85
P32102	CARBONTETRACHLORIDE	UG/L	: 5.0K
P32101	BROMODICHLOROMETHANE	UG/L	: 5.0K
P34541	1,2-DICHLOROPROPANE	UG/L	: 5.0K
P39180	TRICHLOROETHYLENE	UG/L	: 15
P78124	BENZENE	UG/L	: 5.0K
P32105	DIBROMOCHLOROMETHANE	UG/L	: 5.0K
P32104	BROMOFORM	UG/L	: 5.0K
P34475	TETRACHLOROETHYLENE	UG/L	: 24
P78131	TOLUENE	UG/L	: 5.0K
P34301	CHLOROBENZENE	UG/L	: 5.0K
P78113	ETHYLBENZENE	UG/L	: 5.0K
81551	XYLENE	UG/L	: 5.0K

023 : NOTE : NO VOC VIAL WAS RECEIVED FOR VOLATILE ANALYSIS. PORTION OF WATER
024 : POURED FROM 6OZ. JAR.

Purpose Code 2

Program Code 42

Time Collected: 1:26 pm

Date Collected: 8/20/85

C07486 AUG26'85

C507486

Lab #

SPECIAL ANALYSIS FORM

Date Received

XP209

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit/IWI Industries, Inc.	0311740003

SOURCE OF SAMPLE: (Exact Location) See DCI Evidence Log

PHYSICAL OBSERVATIONS, REMARKS: ~~Billing Number~~

~~Twenty five day turnaround time~~

RECEIVED SEP 24 1985 LPC

See DCI Evidence Log

TESTS REQUESTED: SW-846 Analytical Procedures Must Be Followed

See below

COLLECTED BY: B. Benning

TRANSPORTED BY:

LABORATORY

RECEIVED BY: Leslie W Holt

DATE COMPLETED: [redacted]

J Daugherty

DATE FORWARDED: SEP. 23. 1985

pH	trichloroethylene	Ethyl Benzene
Flash Point	Methylene Chloride	Cresols
Cd	1,1,1-Trichlorethane	Cresylic Acid
Cr 0.17	Tetrachloroethylene	Nitrobenzene
Pb 0.51	Chlorobenzene	Benzene
CN	Trichlorofluoromethane	Toluene
see LIMS report	Carbontetrachloride	Xylene
Leslie W. Holt	orthodichlorobenzene	Acetone
	Methyl Ethyl Ketone	Isobutanol
	Carbon Disulfide	Pyridine

IL 532-0314
LPC 8A 4/77

(NOT FOR DATA PROCESSING)

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER : C507486
SAMPLING POINT DESC. : COOK\SUMMIT\IWI INDUSTRIES, INC. XP209

SUBMITTING SOURCE # : SITE # : 0311740003
DATE COLLECTED : 850820 TIME COLLECTED : 1326 SAMPLING PROGRAM :

COLLECTED BY : B BENNING DELIVERED BY : BB
COMMENTS : SEE DCI EVIDENCE LOG
FUNDING CODE : LP42 AGENCY ROUTING : 00 UNIT CODE :
SAM TYPE CODE : LPSP SAMPLE PURPOSE CODE : 2

DATE RECEIVED : 850826 TIME RECEIVED : 1615 RECEIVED BY : LWH
LAB OBSERVATIONS : REPORTING INDICATOR :
SUPERVISORS INITIALS : JWD NOTE :

PH.SW846 METHOD 9040 UNITS : 0.2
CADMIUM.SW846 METHOD 7130 UG/L : 53
CHROMIUM.SW846 MET 7190 UG/L : 170
LEAD.SW846 METHOD 7420 UG/L : 510

RECE
SEP 24 198
IEPA-DLPC

Purpose Code 2 D042506

Program Code 42

Time Collected: 1:47 pm

Date Collected: 8/19/85

Lab # D042506

SPECIAL ANALYSIS FORM

Date Received AUG 28 1985

XS201

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit/IWI Industries, Inc.	0311740003

SOURCE OF SAMPLE: (Exact Location) See DCI Evidence Log

PHYSICAL OBSERVATIONS, REMARKS: ~~Billing Number~~

~~Twenty five day turnaround time~~

See DCI Evidence Log

TESTS REQUESTED: SW-846 Analytical Procedures Must Be Followed

See below

COLLECTED BY: B. Roaming TRANSPORTED BY:

LABORATORY

RECEIVED BY: SB DATE COMPLETED: DATE FORWARDED: 10-30-85 J. Kinney

pH	Trichloroethylene	Ethyl Benzene
Flash Point	Methylene Chloride	Cresols
Cd	1,1,1-Trichlorethane	Cresylic Acid
Cr	Tetrachloroethylene	Nitrobenzene
Pb	Chlorobenzene	Benzene
CN	Trichlorofluoromethane	Toluene
	Carbontetrachloride	Xylene
	Orthodichlorobenzene	Acetone
	Methyl Ethyl Ketone	Isobutanol
	Carbon Disulfide	Pyridine

IL 532-0314
LPC 8A 4/77

(NOT FOR DATA PROCESSING)

D042506

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER : D542506
SAMPLING POINT DESC. : SUMMIT/IWI INDUSTRIES (XS201)

SUBMITTING SOURCE # : SITE # :
DATE COLLECTED : 850819 TIME COLLECTED : 1347 SAMPLING PROGRAM :

COLLECTED BY : BENNING DELIVERED BY : MESS
COMMENTS : FLASH PT.,VOLS.,EXTRACTABLES
FUNDING CODE : LP42 AGENCY ROUTING : 00 UNIT CODE :
SAM TYPE CODE : SAMPLE PURPOSE CODE : 0

DATE RECEIVED : 850828 TIME RECEIVED : 1000 RECEIVED BY : SJB
LAB OBSERVATIONS : 6OZ. MISC. REPORTING INDICATOR :
SUPERVISORS INITIALS : JTH NOTE : K means "less than" < 5.0 ug/g

1,2-DICHLOROBENZENE	UG/G	: 5.0K
BIS-(2-CHLOROETHYL)ETHER	UG/G	: 5.0K
NITROBENZENE	UG/G	: 5.0K
HEXACHLOROCYCLOPENTADIENE	UG/G	: 5.0K
1,2,4-TRICHLOROBENZENE	UG/G	: 5.0K
ISOPHORONE	UG/G	: 5.0K
NAPHTHALENE	UG/G	: 24
METHYL NAPHTHALENE	UG/G	: 27
DIMETHYL NAPHTHALENE	UG/G	: 30
TRIMETHYL NAPHTHALENE	UG/G	: 11
HEXACHLOROCYCLOPENTADIENE	UG/G	: 5.0K
ACENAPHTHYLENE	UG/G	: 5.0K
ACENAPHTHENE	UG/G	: 5.0K
DIBENZOFURAN	UG/G	: 5.0K
FLUORENE	UG/G	: 5.0K
2,4-DINITROTOLUENE	UG/G	: 5.0K
PHENANTHRENE	UG/G	: 5.0K
ANTHRACENE	UG/G	: 5.0K
FLUORANTHENE	UG/G	: 5.0K
PYRENE	UG/G	: 5.0K
BENZIDINE	UG/G	: 5.0K
CHRYSENE	UG/G	: 5.0K
BENZO(A)ANTHRACENE	UG/G	: 5.0K
3,3'-DICHLOROBENZIDINE	UG/G	: 5.0K
2-CHLOROPHENOL	UG/G	: 5.0K
2-NITROPHENOL	UG/G	: 5.0K
PHENOL	UG/G	: 5.0K
DIMETHYLPHENOLS	UG/G	: 5.0K
2,4,6-DICHLOROPHENOL	UG/G	: 5.0K
2,4,6-TRICHLOROPHENOL	UG/G	: 5.0K
4-CHLORO-3-METHYLPHENOL	UG/G	: 5.0K
2,4-DINITROPHENOL	UG/G	: 5.0K
2-METHYL-4,6-DINITROPHENOL	UG/G	: 5.0K
4-NITROPHENOL	UG/G	: 5.0K

SAMPLE NUMBER : D542506

VINYL CHLORIDE	UG/G :	-
CHLOROETHANE	UG/G :	-
METHYLENE CHLORIDE	UG/G :	5.0K
BROMOCHLOROMETHANE	UG/G :	5.0K
1,1-DICHLOROETHYLENE	UG/G :	5.0K
1,1-DICHLOROETHANE	UG/G :	5.0K
1,2-DICHLOROETHYLENE	UG/G :	5.0K
CHLOROFORM	UG/G :	5.0K
1,2-DICHLOROETHANE	UG/G :	5.0K
1,1,1-TRICHLOROETHANE	UG/G :	6.0
CARBON TETRACHLORIDE	UG/G :	5.0K
BROMODICHLOROMETHANE	UG/G :	5.0K
1,2-DICHLOROPROPANE	UG/G :	5.0K
TRICHLOROETHYLENE	UG/G :	5.0K
BENZENE	UG/G :	5.0K
DIBROMOCHLOROMETHANE	UG/G :	5.0K
BROMOFORM	UG/G :	5.0K
TETRACHLOROETHYLENE	UG/G :	5.0K
TOLUENE	UG/G :	110
CHLOROBENZENE	UG/G :	5.0K
ETHYL BENZENE	UG/G :	90
XYLENES	UG/G :	370

023 : THE FOLLOWING IDENTIFICATIONS ARE TENTATIVE & QUANTITATIONS APPROXIMATE :

024 : ALIPHATIC KETONES	UG/G :	25
025 : C3-SUBSTITUTED BENZENES	UG/G :	75
026 : C4-SUBSTITUTED BENZENES	UG/G :	100
027 : C5-SUBSTITUTED BENZENES	UG/G :	20
028 : METHYL INDENES	UG/G :	10
029 : ALIPHATIC HYDROCARBONS	UG/G :	1600
030 : ALIPHATIC ACID ESTERS	UG/G :	800
031 : HEXANOIC ACID,DIOCTYL ESTER	UG/G :	1200
032 : OTHER ORGANIC COMPOUNDS	UG/G :	450

Purpose Code 2

Program Code 42

Time Collected: 2:13 pm

Date Collected: 8/19/85

D042507

D042507

Lab # XS203

SPECIAL ANALYSIS FORM

Date Received AUG 28 1985

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit/IWI Industries, Inc.	0311740003

SOURCE OF SAMPLE: (Exact Location) See DCI Evidence Log

PHYSICAL OBSERVATIONS, REMARKS: ~~Billing Number~~

~~Twenty five day turnaround time~~

See DCI Evidence Log

TESTS REQUESTED: SW-846 Analytical Procedures Must Be Followed

See below

COLLECTED BY: B. Benning TRANSPORTED BY:

LABORATORY

RECEIVED BY: SB DATE COMPLETED: DATE FORWARDED: 10-30-85 J. Hurley

pH	Trichloroethylene	Ethyl Benzene
Flash Point	Methylene Chloride	Cresols
Cd	1,1,1-Trichlorethane	Cresylic Acid
Cr	Tetrachloroethylene	Nitrobenzene
Pb	Chlorobenzene	Benzene
CN	Trichlorofluoromethane	Toluene
	Carbontetrachloride	Xylene
	Orthodichlorobenzene	Acetone
	Methyl Ethyl Ketone	Isobutanol
	Carbon Disulfide	Pyridine

IL 532-0314
LPC 8A 4/77

(NOT FOR DATA PROCESSING)

D042507

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER : D542507
SAMPLING POINT DESC. : SUMMIT/IWI INDUSTRIES (XS203)

SUBMITTING SOURCE # : SITE # :
DATE COLLECTED : 850819 TIME COLLECTED : 1413 SAMPLING PROGRAM :

COLLECTED BY : BENNING DELIVERED BY : MESS
COMMENTS : FLASH PT.,VOLS.,EXTRACTABLES
FUNDING CODE : LP42 AGENCY ROUTING : 00 UNIT CODE :
SAM TYPE CODE : SAMPLE PURPOSE CODE : 0

DATE RECEIVED : 850828 TIME RECEIVED : 1000 RECEIVED BY : SJB
LAB OBSERVATIONS : 6OZ. MISC. REPORTING INDICATOR :
SUPERVISORS INITIALS : JTH NOTE :
K means "less than"

1,2-DICHLOROBENZENE	UG/G	: 25K
BIS-(2-CHLOROETHYL)ETHER	UG/G	: 25K
NITROBENZENE	UG/G	: 25K
HEXACHLOROCYCLOPENTADIENE	UG/G	: 25K
1,2,4-TRICHLOROBENZENE	UG/G	: 25K
ISOPHORONE	UG/G	: 2K5
NAPHTHALENE	UG/G	: 170
METHYL NAPHTHALENE	UG/G	: 35
DIMETHYL NAPHTHALENE	UG/G	: 30
TRIMETHYL NAPHTHALENE	UG/G	: 35
HEXACHLOROCYCLOPENTADIENE	UG/G	: 25K
ACENAPHTHYLENE	UG/G	: 25K
ACENAPHTHENE	UG/G	: 25K
DIBENZOFURAN	UG/G	: 25K
FLUORENE	UG/G	: 25K
2,4-DINITROTOLUENE	UG/G	: 25K
PHENANTHRENE	UG/G	: 25K
ANTHRACENE	UG/G	: 25K
FLUORANTHENE	UG/G	: 35
PYRENE	UG/G	: 65
BENZIDINE	UG/G	: 25K
CHRYSENE	UG/G	: 25K
BENZO(A)ANTHRACENE	UG/G	: 25K
3,3'-DICHLOROBENZIDINE	UG/G	: 25K
2-CHLOROPHENOL	UG/G	: 25K
2-NITROPHENOL	UG/G	: 25K
PHENOL	UG/G	: 25K
DIMETHYLPHENOLS	UG/G	: 25K
2,4,6-DICHLOROPHENOL	UG/G	: 25K
2,4,6-TRICHLOROPHENOL	UG/G	: 25K
4-CHLORO-3-METHYLPHENOL	UG/G	: 25K
2,4-DINITROPHENOL	UG/G	: 25K
2-METHYL-4,6-DINITROPHENOL	UG/G	: 25K
4-NITROPHENOL	UG/G	: 25K

SAMPLE NUMBER : D542507

VINYL CHLORIDE	UG/G	: -
CHLOROETHANE	UG/G	: -
METHYLENE CHLORIDE	UG/G	: 5.0K
BROMOCHLOROMETHANE	UG/G	: 5.0K
1,1-DICHLOROETHYLENE	UG/G	: 5.0K
1,1-DICHLOROETHANE	UG/G	: 5.0K
1,2-DICHLOROETHYLENE	UG/G	: 5.0K
CHLOROFORM	UG/G	: 5.0K
1,2-DICHLOROETHANE	UG/G	: 5.0K
1,1,1-TRICHLOROETHANE	UG/G	: 270
CARBON TETRACHLORIDE	UG/G	: 5.0K
BROMODICHLOROMETHANE	UG/G	: 5.0K
1,2-DICHLOROPROPANE	UG/G	: 5.0K
TRICHLOROETHYLENE	UG/G	: 7.0
BENZENE	UG/G	: 5.0K
DIBROMOCHLOROMETHANE	UG/G	: 5.0K
BROMOFORM	UG/G	: 5.0K
TETRACHLOROETHYLENE	UG/G	: 8.0
TOLUENE	UG/G	: 200
CHLOROBENZENE	UG/G	: 5.0K
ETHYL BENZENE	UG/G	: 25
XYLENES	UG/G	: 120

023 : THE FOLLOWING IDENTIFICATIONS ARE TENTATIVE & QUANTITATIONS APPROXIMATE :

024 : C3-SUBSTITUTED BENZENES	UG/G	: 150
025 : C4-SUBSTITUTED BENZENES	UG/G	: 670
026 : C5-SUBSTITUTED BENZENES	UG/G	: 240
027 : METHYL INDENES	UG/G	: 100
028 : ALIPHATIC HYDROCARBONS	UG/G	: 16000
029 : ALIPHATIC ACID ESTERS	UG/G	: 6100
030 : HEXANEDIOIC ACID,DIOCTYL ESTER	UG/G	: 13000
031 : OTHER ORGANIC COMPOUNDS	UG/G	: 2500

Purpose Code 2 D042508

Program Code 42

Time Collected: 8:32am

Date Collected: 8/20/85

Lab # D042508

SPECIAL ANALYSIS FORM

Date Received AUG 28 1985

XS204

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit/IWI Industries, Inc.	0311740003

SOURCE OF SAMPLE: (Exact Location) See DCI Evidence Log

PHYSICAL OBSERVATIONS, REMARKS: ~~Billing Number~~

~~Twenty five day turnaround time~~

See DCI Evidence Log

TESTS REQUESTED: SW-846 Analytical Procedures Must Be Followed

See below

COLLECTED BY: B Benning TRANSPORTED BY:

LABORATORY

RECEIVED BY: S.B. DATE COMPLETED: DATE FORWARDED: 10-30-85 J Hurley

pH	Trichloroethylene	Ethyl Benzene
Flash Point	Methylene Chloride	Cresols
Cd	1,1,1-Trichlorethane	Cresylic Acid
Cr	Tetrachloroethylene	Nitrobenzene
Pb	Chlorobenzene	Benzene
CN	Trichlorofluoromethane	Toluene
	Carbontetrachloride	Xylene
	Orthodichlorobenzene	Acetone
	Methyl Ethyl Ketone	Isobutanol
	Carbon Disulfide	Pyridine

IL 532-0314
LPC 8A 4/77

(NOT FOR DATA PROCESSING)

D042508

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER : D542508
SAMPLING POINT DESC. : SUMMIT/IWI INDUSTRIES (XS204)

SUBMITTING SOURCE # : SITE # :
DATE COLLECTED : 850820 TIME COLLECTED : 0832 SAMPLING PROGRAM :

COLLECTED BY : BENNING DELIVERED BY : MESS
COMMENTS : FLASH PT.,VOLS.,EXTRACTABLES
FUNDING CODE : LP42 AGENCY ROUTING : 00 UNIT CODE :
SAM TYPE CODE : SAMPLE PURPOSE CODE : 0

DATE RECEIVED : 850828 TIME RECEIVED : 1000 RECEIVED BY : SJB
LAB OBSERVATIONS : 6OZ. MISC. REPORTING INDICATOR :
SUPERVISORS INITIALS : JTH NOTE : K means "less than"

1,2-DICHLOROBENZENE	UG/G	: 25K
BIS-(2-CHLOROETHYL)ETHER	UG/G	: 25K
NITROBENZENE	UG/G	: 25K
HEXACHLOROCYCLOPENTADIENE	UG/G	: 25K
1,2,4-TRICHLOROBENZENE	UG/G	: 25K
ISOPHORONE	UG/G	: 620
NAPHTHALENE	UG/G	: 440
METHYL NAPHTHALENE	UG/G	: 430
DIMETHYL NAPHTHALENE	UG/G	: 210
TRIMETHYL NAPHTHALENE	UG/G	: 50
HEXACHLOROCYCLOPENTADIENE	UG/G	: 25K
ACENAPHTHYLENE	UG/G	: 25K
ACENAPHTHENE	UG/G	: 25K
DIBENZOFURAN	UG/G	: 25K
FLUORENE	UG/G	: 25K
2,4-DINITROTOLUENE	UG/G	: 25K
PHENANTHRENE	UG/G	: 25K
ANTHRACENE	UG/G	: 25K
FLUORANTHENE	UG/G	: 25K
PYRENE	UG/G	: 25K
BENZIDINE	UG/G	: 25K
CHRYSENE	UG/G	: 25K
BENZO(A)ANTHRACENE	UG/G	: 25K
3,3'-DICHLOROBENZIDINE	UG/G	: 25K
2-CHLOROPHENOL	UG/G	: 25K
2-NITROPHENOL	UG/G	: 25K
PHENOL	UG/G	: 25K
DIMETHYLPHENOLS	UG/G	: 25K
2,4,6-DICHLOROPHENOL	UG/G	: 25K
2,4,6-TRICHLOROPHENOL	UG/G	: 25K
4-CHLORO-3-METHYLPHENOL	UG/G	: 25K
2,4-DINITROPHENOL	UG/G	: 25K
2-METHYL-4,6-DINITROPHENOL	UG/G	: 25K
4-NITROPHENOL	UG/G	: 25K

SAMPLE NUMBER : D542508

VINYL CHLORIDE	UG/G	: -
CHLOROETHANE	UG/G	: -
METHYLENE CHLORIDE	UG/G	: 5.0K
BROMOCHLOROMETHANE	UG/G	: 5.0K
1,1-DICHLOROETHYLENE	UG/G	: 5.0K
1,1-DICHLOROETHANE	UG/G	: 5.0K
1,2-DICHLOROETHYLENE	UG/G	: 5.0K
CHLOROFORM	UG/G	: 5.0K
1,2-DICHLOROETHANE	UG/G	: 5.0K
1,1,1-TRICHLOROETHANE	UG/G	: 5.0K
CARBON TETRACHLORIDE	UG/G	: 5.0K
BROMODICHLOROMETHANE	UG/G	: 5.0K
1,2-DICHLOROPROPANE	UG/G	: 5.0K
TRICHLOROETHYLENE	UG/G	: 5.0
BENZENE	UG/G	: 5.0K
DIBROMOCHLOROMETHANE	UG/G	: 5.0K
BROMOFORM	UG/G	: 5.0K
TETRACHLOROETHYLENE	UG/G	: 20
TOLUENE	UG/G	: 2900
CHLOROBENZENE	UG/G	: 5.0K
_THYL BENZENE	UG/G	: 2000
XYLENES	UG/G	: 11000

023 : THE FOLLOWING IDENTIFICATIONS ARE TENTATIVE & QUANTITATIONS APPROXIMATE :

024 : C3-SUBTITUTED BENZENES	UG/G	: 2100
025 : C4-SUBSTITUTED BENZENES	UG/G	: 1900
026 : C5-SUBSTITUTED BENZENES	UG/G	: 330
027 : METHYL INDENES	UG/G	: 250
028 : ISOBENZOFURANDIONE	UG/G	: 470
029 : ALIPHATIC HYDROCARBONS	UG/G	: 3800
030 : OTHER ORGANIC COMPOUNDS	UG/G	: 3700

Purpose Code 2

Program Code 42

Time Collected: 8:44am

Date Collected: 8/20/85

C07468 AUG26 85

C507468

Lab #

SPECIAL ANALYSIS FORM

Date Received

XS205

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit/IWI Industries, Inc.	0311740003

SOURCE OF SAMPLE: (Exact Location) See DCI Evidence Log

PHYSICAL OBSERVATIONS, REMARKS: ~~Billing Number~~

~~Twenty five day turnaround time~~

RECEIVED
SEP 24 1985
~~IEPA-DLPC~~

See DCI Evidence Log

TESTS REQUESTED: SW-846 Analytical Procedures Must Be Followed

See below

COLLECTED BY: B. Benning

TRANSPORTED BY:

LABORATORY

J Dougherty

RECEIVED BY: Julie W Holt

DATE COMPLETED: ~~[illegible]~~

DATE FORWARDED: SEP. 23. 1985

pH	Trichloroethylene	Ethyl Benzene
Flash Point	Methylene Chloride	Cresols
Cd 0.07	1,1,1-Trichlorethane	Cresylic Acid
Cr 0.31	Tetrachloroethylene	Nitrobenzene
Pb	Chlorobenzene	Benzene
CN	Trichlorofluoromethane	Toluene
See LIMS report	Carbontetrachloride	Xylene
Julie W Holt	Orthodichlorobenzene	Acetone
8-26-85	Methyl Ethyl Ketone	Isobutanol
	Carbon Disulfide	Pyridine

IL 532-0314
LPC 8A 4/77

(NOT FOR DATA PROCESSING)

Environmental Protection Agency
Division of Laboratory Services
2121 W. Taylor Street
Chicago, Illinois 60612

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER : C507468
SAMPLING POINT DESC. : COOK\SUMMIT\IWI INDUSTRIES, INC. XS205

SUBMITTING SOURCE # : SITE # : 0311740003
DATE COLLECTED : 850820 TIME COLLECTED : 0844 SAMPLING PROGRAM :

COLLECTED BY : B BENNING DELIVERED BY : BB
COMMENTS : SEE DCI EVIDENCE LOG
FUNDING CODE : LP42 AGENCY ROUTING : 00 UNIT CODE :
SAM TYPE CODE : LPSP SAMPLE PURPOSE CODE : 2

DATE RECEIVED : 850826 TIME RECEIVED : 1415 RECEIVED BY : LWH
LAB OBSERVATIONS : REPORTING INDICATOR :
SUPERVISORS INITIALS : JWD NOTE :

TOXICITY EXTRACT.INITIAL PH UNITS : 9.6
TOXICITY EXTRACT.FINAL PH UNITS : 5.1
EP TOXICITY CADMIUM MG/L : 0.07
EP TOXICITY CHROMIUM MG/L : 0.31

EP TOXICITY LEAD MG/L : 2.35

RECEIVED
SEP 24 1985
IEPA-DLPC

D042509

Purpose Code 2

Program Code 42

Time Collected: 8:44am

Date Collected: 8/20/85

Lab # D042509

SPECIAL ANALYSIS FORM

Date Received AUG 28 1985

XS205

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit/IWI Industries, Inc.	0311740003

SOURCE OF SAMPLE: (Exact Location) See DCI Evidence Log

PHYSICAL OBSERVATIONS, REMARKS: ~~Billing Number~~

~~Twenty five day turnaround time~~

See DCI Evidence Log

TESTS REQUESTED: SW-846 Analytical Procedures Must Be Followed

See below

COLLECTED BY: B. Benning

TRANSPORTED BY:

LABORATORY

RECEIVED BY: SB

DATE COMPLETED:

DATE FORWARDED: 10-30-85 J. Hurley

pH	Trichloroethylene	Ethyl Benzene
Flash Point	Methylene Chloride	Cresols
Cd	1,1,1-Trichlorethane	Cresylic Acid
Cr	Tetrachloroethylene	Nitrobenzene
Pb	Chlorobenzene	Benzene
CN	Trichlorofluoromethane	Toluene
	Carbontetrachloride	Xylene
	Orthodichlorobenzene	Acetone
	Methyl Ethyl Ketone	Isobutanol
	Carbon Disulfide	Pyridine

IL 532-0314
LPC 8A 4/77

(NOT FOR DATA PROCESSING)

D042507

D042504

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER : D542509
SAMPLING POINT DESC. : SUMMIT/IWI INDUSTRIES (XS205)

SUBMITTING SOURCE # : SITE # :
DATE COLLECTED : 850820 TIME COLLECTED : 0844 SAMPLING PROGRAM :

COLLECTED BY : BENNING DELIVERED BY : MESS
COMMENTS : FLASH PT.,VOLS.,EXTRACTABLES
FUNDING CODE : LP42 AGENCY ROUTING : 00 UNIT CODE :
SAM TYPE CODE : SAMPLE PURPOSE CODE : 0

DATE RECEIVED : 850828 TIME RECEIVED : 1000 RECEIVED BY : SJB
LAB OBSERVATIONS : 6OZ. MISC. REPORTING INDICATOR :
SUPERVISORS INITIALS : JTH NOTE : K means "less than"

1,2-DICHLOROBENZENE	UG/G :	10K
BIS-(2-CHLOROETHYL)ETHER	UG/G :	10K
NITROBENZENE	UG/G :	10K
HEXACHLOROCYCLOPENTADIENE	UG/G :	10K
1,2,4-TRICHLOROBENZENE	UG/G :	10K
ISOPHORONE	UG/G :	1200
NAPHTHALENE	UG/G :	1800
METHYL NAPHTHALENE	UG/G :	1700
DIMETHYL NAPHTHALENE	UG/G :	600
TRIMETHYL NAPHTHALENE	UG/G :	60
HEXACHLOROCYCLOPENTADIENE	UG/G :	10K
ACENAPHTHYLENE	UG/G :	10K
ACENAPHTHENE	UG/G :	10K
DIBENZOFURAN	UG/G :	10K
FLUORENE	UG/G :	10K
2,4-DINITROTOLUENE	UG/G :	10K
PHENANTHRENE	UG/G :	10K
ANTHRACENE	UG/G :	10K
FLUORANTHENE	UG/G :	10K
PYRENE	UG/G :	10K
BENZIDINE	UG/G :	10K
CHRYSENE	UG/G :	10K
BENZO(A)ANTHRACENE	UG/G :	10K
3,3'-DICHLOROBENZIDINE	UG/G :	10K
2-CHLOROPHENOL	UG/G :	10K
2-NITROPHENOL	UG/G :	10K
PHENOL	UG/G :	10K
DIMETHYLPHENOLS	UG/G :	10K
2,4,6-DICHLOROPHENOL	UG/G :	10K
2,4,6-TRICHLOROPHENOL	UG/G :	10K
4-CHLORO-3-METHYLPHENOL	UG/G :	10K
2,4-DINITROPHENOL	UG/G :	10K
2-METHYL-4,6-DINITROPHENOL	UG/G :	10K
4-NITROPHENOL	UG/G :	10K

SAMPLE NUMBER : D542509

VINYL CHLORIDE	UG/G :	-
CHLOROETHANE	UG/G :	-
METHYLENE CHLORIDE	UG/G :	190
BROMOCHLOROMETHANE	UG/G :	5.0K
1,1-DICHLOROETHYLENE	UG/G :	5.0K
1,1-DICHLOROETHANE	UG/G :	5.0K
1,2-DICHLOROETHYLENE	UG/G :	5.0K
CHLOROFORM	UG/G :	5.0K
1,2-DICHLOROETHANE	UG/G :	5.0K
1,1,1-TRICHLOROETHANE	UG/G :	5.0K
CARBON TETRACHLORIDE	UG/G :	5.0K
BROMODICHLOROMETHANE	UG/G :	5.0K
1,2-DICHLOROPROPANE	UG/G :	5.0K
TRICHLOROETHYLENE	UG/G :	5.0K
BENZENE	UG/G :	5.0K
DIBROMOCHLOROMETHANE	UG/G :	5.0K
BROMOFORM	UG/G :	5.0K
TETRACHLOROETHYLENE	UG/G :	35
TOLUENE	UG/G :	4800
CHLOROBENZENE	UG/G :	5.0K
ETHYL BENZENE	UG/G :	5400
XYLENES	UG/G :	19000

023 : THE FOLLOWING IDENTIFICATIONS ARE TENTATIVE & QUANTITATIONS APPROXIMATE

024 :	ALIPHATIC KETONES	UG/G :	85
025 :	C3-SUBSTITUTED BENZENES	UG/G :	4500
026 :	C4-SUBSTITUTED BENZENES	UG/G :	4300
027 :	C5-SUBSTITUTED BENZENES	UG/G :	1400
028 :	METHYL INDENES	UG/G :	800
029 :	DIMETHYL INDENES	UG/G :	1000
030 :	ALIPHATIC HYDROCARBONS	UG/G :	2700
031 :	ALIPHATIC ACID ESTERS	UG/G :	520
032 :	OTHER ORGANIC COMPOUNDS	UG/G :	2100

Purpose Code 2

Program Code 42

Time Collected: 8:32am

Date Collected: 8/20/85

C07467 AUG26

Lab # C507467

SPECIAL ANALYSIS FORM

Date Received

XS204

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY: Cook

FILE HEADING: Summit/IWI Industries, Inc.

FILE NUMBER: 0311740003

SOURCE OF SAMPLE: (Exact Location) See DCI Evidence Log

PHYSICAL OBSERVATIONS, REMARKS: ~~Billing Number~~

~~Twenty five day turnaround time~~

RECEIVED
SEP 24 1985
IEPA-DLPC

See DCI Evidence Log

TESTS REQUESTED: SW-846 Analytical Procedures Must Be Followed

See below

COLLECTED BY: B. Benning

TRANSPORTED BY:

LABORATORY

RECEIVED BY: Julie W Holt

DATE COMPLETED: [redacted]

J Daugherty

DATE FORWARDED: SEP. 23. 1985

pH	Trichloroethylene	Ethyl Benzene
Flash Point	Methylene Chloride	Cresols
Cd	1,1,1-Trichlorethane	Cresylic Acid
Cr	Tetrachloroethylene	Nitrobenzene
Pb	Chlorobenzene	Benzene
CN	Trichlorofluoromethane	Toluene
	Carbontetrachloride	Xylene
	Orthodichlorobenzene	Acetone
	Methyl Ethyl Ketone	Isobutanol
	Carbon Disulfide	Pyridine

See LIMS report

Julie W Holt
8-26-85

Environmental Protection Agency
Division of Laboratory Services
2121 W. Taylor Street
Chicago, Illinois 60612

IL 532-0314
LPC 8A 4/77

C507421

(NOT FOR DATA PROCESSING)

Purpose Code 2
Program Code 42
Time Collected: 11:51am
Date Collected: 8/20/85

D042519

Lab # D042519

SPECIAL ANALYSIS FORM

Date Received AUG 28 1985

XS209

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit/IWI Industries, Inc.	0311740003

SOURCE OF SAMPLE: (Exact Location) See DCI Evidence Log

PHYSICAL OBSERVATIONS, REMARKS: ~~Billing Number~~
~~Twenty five day turnaround time~~

See DCI Evidence Log

TESTS REQUESTED: SW-846 Analytical Procedures Must Be Followed
See below

COLLECTED BY: B. Benning TRANSPORTED BY:

LABORATORY

RECEIVED BY: S.B. DATE COMPLETED: DATE FORWARDED: 10-30-85 D. Hunley

pH	Trichloroethylene	Ethyl Benzene
Flash Point	Methylene Chloride	Cresols
Cd	1,1,1-Trichlorethane	Cresylic Acid
Cr	Tetrachloroethylene	Nitrobenzene
Pb	Chlorobenzene	Benzene
CN	Trichlorofluoromethane	Toluene
	Carbontetrachloride	Xylene
	Orthodichlorobenzene	Acetone
	Methyl Ethyl Ketone	Isobutanol
	Carbon Disulfide	Pyridine

IL 532-0314
LPC 8A 4/77

(NOT FOR DATA PROCESSING)

D042519

Purpose Code 2

Program Code 42

Time Collected: 12:05 pm

Date Collected: 8/20/85

D042520

Lab # D042520

SPECIAL ANALYSIS FORM

Date Received AUG 28 1985

XS210

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit/IWI Industries, Inc.	0311740003

SOURCE OF SAMPLE: (Exact Location) See DCI Evidence Log

PHYSICAL OBSERVATIONS, REMARKS: ~~Billing Number~~

~~Twenty five day turnaround time~~

See DCI Evidence Log

TESTS REQUESTED: SW-846 Analytical Procedures Must Be Followed

See below

COLLECTED BY: B. Banning TRANSPORTED BY:

LABORATORY

RECEIVED BY: SB DATE COMPLETED: DATE FORWARDED: 10-30-85 J. Hurley

pH	Trichloroethylene	Ethyl Benzene
Flash Point	Methylene Chloride	Cresols
Cd	1,1,1-Trichlorethane	Cresylic Acid
Cr	Tetrachloroethylene	Nitrobenzene
Pb	Chlorobenzene	Benzene
CN	Trichlorofluoromethane	Toluene
	Carbontetrachloride	Xylene
	Orthodichlorobenzene	Acetone
	Methyl Ethyl Ketone	Isobutanol
	Carbon Disulfide	Pyridine

IL 532-0314
LPC 8A 4/77

(NOT FOR DATA PROCESSING)

D042520

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER : D542520
SAMPLING POINT DESC. : SUMMIT/IWI INDUSTRIES (XS210)

SUBMITTING SOURCE # : SITE # :
DATE COLLECTED : 850820 TIME COLLECTED : 1205 SAMPLING PROGRAM :

COLLECTED BY : BENNING DELIVERED BY : MESS
COMMENTS : FLASH PT.,VOLS.,EXTRACTABLES
FUNDING CODE : LP42 AGENCY ROUTING : 00 UNIT CODE :
SAM TYPE CODE : SAMPLE PURPOSE CODE : 0

DATE RECEIVED : 850828 TIME RECEIVED : 1000 RECEIVED BY : SJB
LAB OBSERVATIONS : 6OZ. MISC. REPORTING INDICATOR :
SUPERVISORS INITIALS : JTH NOTE :

K means "less than"

1,2-DICHLOROBENZENE	UG/G	: 25K
BIS-(2-CHLOROETHYL)ETHER	UG/G	: 25K
NITROBENZENE	UG/G	: 25K
HEXACHLOROCYCLOPENTADIENE	UG/G	: 25K
1,2,4-TRICHLOROBENZENE	UG/G	: 25K
ISOPHORONE	UG/G	: 25K
NAPHTHALENE	UG/G	: 990
METHYL NAPHTHALENE	UG/G	: 900
DIMETHYL NAPHTHALENE	UG/G	: 600
TRIMETHYL NAPHTHALENE	UG/G	: 230
HEXACHLOROCYCLOPENTADIENE	UG/G	: 25K
ACENAPHTHYLENE	UG/G	: 25K
ACENAPHTHENE	UG/G	: 25K
DIBENZOFURAN	UG/G	: 25K
FLUORENE	UG/G	: 25K
2,4-DINITROTOLUENE	UG/G	: 25K
PHENANTHRENE	UG/G	: 25K
ANTHRACENE	UG/G	: 25K
FLUORANTHENE	UG/G	: 25K
PYRENE	UG/G	: 25K
BENZIDINE	UG/G	: 25K
CHRYSENE	UG/G	: 25K
BENZO(A)ANTHRACENE	UG/G	: 25K
3,3'-DICHLOROBENZIDINE	UG/G	: 25K
2-CHLOROPHENOL	UG/G	: 25K
2-NITROPHENOL	UG/G	: 25K
PHENOL	UG/G	: 25K
DIMETHYLPHENOLS	UG/G	: 25K
_,4,6-DICHLOROPHENOL	UG/G	: 25K
2,4,6-TRICHLOROPHENOL	UG/G	: 25K
4-CHLORO-3-METHYLPHENOL	UG/G	: 25K
2,4-DINITROPHENOL	UG/G	: 25K
2-METHYL-4,6-DINITROPHENOL	UG/G	: 25K
4-NITROPHENOL	UG/G	: 25K

SAMPLE NUMBER : D542520

VINYL CHLORIDE	UG/G :	-
CHLOROETHANE	UG/G :	-
METHYLENE CHLORIDE	UG/G :	25K
BROMOCHLOROMETHANE	UG/G :	25K
1,1-DICHLOROETHYLENE	UG/G :	25K
1,1-DICHLOROETHANE	UG/G :	25K
1,2-DICHLOROETHYLENE	UG/G :	25K
CHLOROFORM	UG/G :	25K
1,2-DICHLOROETHANE	UG/G :	25K
1,1,1-TRICHLOROETHANE	UG/G :	25K
CARBON TETRACHLORIDE	UG/G :	25K
BROMODICHLOROMETHANE	UG/G :	25K
1,2-DICHLOROPROPANE	UG/G :	25K
TRICHLOROETHYLENE	UG/G :	25K
BENZENE	UG/G :	25K
DIBROMOCHLOROMETHANE	UG/G :	25K
BROMOFORM	UG/G :	25K
TETRACHLOROETHYLENE	UG/G :	25K
TOLUENE	UG/G :	130000
CHLOROBENZENE	UG/G :	25K
ETHYL BENZENE	UG/G :	4000
XYLENES	UG/G :	19000

023 : THE FOLLOWING IDENTIFICATIONS ARE TENTATIVE & QUANTITATIONS APPROXIMATE :

024 :	ACETONE	UG/G :	250
025 :	ALIPHATIC KETONES	UG/G :	3700
026 :	C3-SUBSTITUTED BENZENES	UG/G :	21000
027 :	C4-SUBSTITUTED BENZENES	UG/G :	12000
028 :	C5-SUBSTITUTED BENZENES	UG/G :	1300
029 :	ISOBENZOFURANDIONE	UG/G :	1500
030 :	ALIPHATIC HYDROCARBONS	UG/G :	40000
031 :	ALIPHATIC ACID ESTERS	UG/G :	2800
032 :	METHYL INDENES	UG/G :	900
033 :	DIMETHYL INDENES	UG/G :	200
034 :	OTHER ORGANIC COMPOUNDS	UG/G :	5800

Purpose Code 2

Program Code 42

Time Collected: 12:05 pm

Date Collected: 8/20/85

C07479 AUG26 85

Lab # C507479

SPECIAL ANALYSIS FORM

Date Received

XS210

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit/IWI Industries, Inc.	0311740003

SOURCE OF SAMPLE: (Exact Location) See DCI Evidence Log

PHYSICAL OBSERVATIONS, REMARKS: ~~Billing Number~~

~~Twenty five day turnaround time~~

RECEIVED SEP 24 1985 IEPA-DLPC

See DCI Evidence Log

TESTS REQUESTED: SW-846 Analytical Procedures Must Be Followed

See below

COLLECTED BY: B. Banning

TRANSPORTED BY:

LABORATORY

RECEIVED BY: Leslie W Holt

DATE COMPLETED: ~~8-26-85~~

J Daugherty

DATE FORWARDED: SEP. 23. 1985

pH	Trichloroethylene	Ethyl Benzene
Flash Point 65°F	Methylene Chloride	Cresols
Cd	1,1,1-Trichlorethane	Cresylic Acid
Cr	Tetrachloroethylene	Nitrobenzene
Pb	Chlorobenzene	Benzene
CN	Trichlorofluoromethane	Toluene
see LIMS report	Carbontetrachloride	Xylene
Leslie W Holt	Orthodichlorobenzene	Acetone
9-26-85	Methyl Ethyl Ketone	Isobutanol
	Carbon Disulfide	Pyridine

IL 532-0314
LPC 8A 4/77

(NOT FOR DATA PROCESSING)

Environmental Protection Agency
Division of Laboratory Services
2121 W. Taylor Street
Chicago, Illinois 60612

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER : C507479
SAMPLING POINT DESC. : COOK\SUMMIT\IWI INDUSTRIES, INC. XS210

SUBMITTING SOURCE # : SITE # : 031174003
DATE COLLECTED : 850820 TIME COLLECTED : 1205 SAMPLING PROGRAM :

COLLECTED BY : B BENNING DELIVERED BY : BB
COMMENTS : SEE DCI EVIDENCE LOG
FUNDING CODE : LP42 AGENCY ROUTING : 00 UNIT CODE :
SAM TYPE CODE : LPSP SAMPLE PURPOSE CODE : Z

DATE RECEIVED : 850826 TIME RECEIVED : 1615 RECEIVED BY : LWH
LAB OBSERVATIONS : LIQUID/ORG.MATRIX REPORTING INDICATOR :
SUPERVISORS INITIALS : JWD NOTE :

FLASH POINT.CLOSED CUP DEG.F : <65

REC
SEP 24
IEPA

D042522

Purpose Code 2

Program Code 42

Time Collected: 12:10 pm

Date Collected: 8/20/85

Lab # D042522

SPECIAL ANALYSIS FORM

Date Received AUG 28 1985

XS212

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit/IWI Industries, Inc.	0311740003

SOURCE OF SAMPLE: (Exact Location) See DCI Evidence Log

PHYSICAL OBSERVATIONS, REMARKS: ~~Billing Number~~

~~Twenty five day turnaround time~~

See DCI Evidence Log

TESTS REQUESTED: SW-846 Analytical Procedures Must Be Followed

See below

COLLECTED BY: G. Bruni TRANSPORTED BY:

LABORATORY

RECEIVED BY: S.B. DATE COMPLETED: DATE FORWARDED: 10-30-85 J. Hurley

pH	Trichloroethylene	Ethyl Benzene
Flash Point	Methylene Chloride	Cresols
Cd	1,1,1-Trichloroethane	Cresylic Acid
Cr	Tetrachloroethylene	Nitrobenzene
Pb	Chlorobenzene	Benzene
CN	Trichlorofluoromethane	Toluene
	Carbontetrachloride	Xylene
	Orthodichlorobenzene	Acetone
	Methyl Ethyl Ketone	Isobutanol
	Carbon Disulfide	Pyridine

IL 532-0314
LPC 8A 4/77

(NOT FOR DATA PROCESSING)

D042522

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER : D542522
SAMPLING POINT DESC. : SUMMIT/IWI INDUSTRIES (XS212)

SUBMITTING SOURCE # : SITE # :
DATE COLLECTED : 850820 TIME COLLECTED : 1210 SAMPLING PROGRAM :

COLLECTED BY : BENNING DELIVERED BY : MESS
COMMENTS : FLASH PT.,VOLS.,EXTRACTABLES
FUNDING CODE : LP42 AGENCY ROUTING : 00 UNIT CODE :
SAM TYPE CODE : SAMPLE PURPOSE CODE : 0

DATE RECEIVED : 850828 TIME RECEIVED : 1000 RECEIVED BY : SJB
LAB OBSERVATIONS : 6OZ. MISC. REPORTING INDICATOR :
SUPERVISORS INITIALS : JTH NOTE :
K means "less than"

1,2-DICHLOROBENZENE	UG/G	50K
BIS-(2-CHLOROETHYL)ETHER	UG/G	50K
NITROBENZENE	UG/G	50K
HEXACHLOROCYCLOPENTADIENE	UG/G	50K
1,2,4-TRICHLOROBENZENE	UG/G	50K
ISOPHORONE	UG/G	50K
NAPHTHALENE	UG/G	740
METHYL NAPHTHALENE	UG/G	70
DIMETHYL NAPHTHALENE	UG/G	50K
TRIMETHYL NAPHTHALENE	UG/G	50K
HEXACHLOROCYCLOPENTADIENE	UG/G	50K
ACENAPHTHYLENE	UG/G	50K
ACENAPHTHENE	UG/G	70
DIBENZOFURAN	UG/G	50K
FLUORENE	UG/G	50K
2,4-DINITROTOLUENE	UG/G	50K
PHENANTHRENE	UG/G	50K
ANTHRACENE	UG/G	50K
FLUORANTHENE	UG/G	50K
PYRENE	UG/G	50K
BENZIDINE	UG/G	50K
CHRYSENE	UG/G	50K
BENZO(A)ANTHRACENE	UG/G	50K
3,3'-DICHLOROBENZIDINE	UG/G	50K
2-CHLOROPHENOL	UG/G	50K
2-NITROPHENOL	UG/G	50K
PHENOL	UG/G	50K
DIMETHYLPHENOLS	UG/G	50K
2,4,6-DICHLOROPHENOL	UG/G	50K
2,4,6-TRICHLOROPHENOL	UG/G	50K
4-CHLORO-3-METHYLPHENOL	UG/G	50K
2,4-DINITROPHENOL	UG/G	50K
2-METHYL-4,6-DINITROPHENOL	UG/G	50K
4-NITROPHENOL	UG/G	50K

SAMPLE NUMBER : D542522

VINYL CHLORIDE	UG/G :	-
CHLOROETHANE	UG/G :	-
METHYLENE CHLORIDE	UG/G :	640
BROMOCHLOROMETHANE	UG/G :	25K
1,1-DICHLOROETHYLENE	UG/G :	25K
1,1-DICHLOROETHANE	UG/G :	25K
1,2-DICHLOROETHYLENE	UG/G :	25K
CHLOROFORM	UG/G :	25K
1,2-DICHLOROETHANE	UG/G :	25K
1,1,1-TRICHLOROETHANE	UG/G :	740
CARBON TETRACHLORIDE	UG/G :	25K
BROMODICHLOROMETHANE	UG/G :	25K
1,2-DICHLOROPROPANE	UG/G :	25K
TRICHLOROETHYLENE	UG/G :	340
BENZENE	UG/G :	25K
DIBROMOCHLOROMETHANE	UG/G :	25K
BROMOFORM	UG/G :	25K
TETRACHLOROETHYLENE	UG/G :	710
TOLUENE	UG/G :	23000
CHLOROBENZENE	UG/G :	25K
ETHYL BENZENE	UG/G :	4200
XYLENES	UG/G :	17000

023 : THE FOLLOWING IDENTIFICATIONS ARE TENTATIVE & QUANTITATIONS APPROXIMATE :

024 : ACETONE	UG/G :	2700
025 : C3-SUBSTITUTED BENZENES	UG/G :	12000
026 : C4-SUBSTITUTED BENZENES	UG/G :	7700
027 : C5-SUBSTITUTED BENZENES	UG/G :	1300
028 : METHYL INDENES	UG/G :	670
029 : ISOBENZOFURANDIONE	UG/G :	490
030 : ALIPHATIC HYDROCARBONS	UG/G :	21000
031 : ALIPHATIC ACID ESTERS	UG/G :	21000
032 : HEXANEDIOIC ACID,DIOCTYL ESTER	UG/G :	440
033 : OTHER ORGANIC COMPOUNDS	UG/G :	18000

Purpose Code 2
Program Code 42
Time Collected: 2:44 pm
Date Collected: 8/20/85

5042534

5042534

Lab # AUG 28 1985

SPECIAL ANALYSIS FORM

Date Received

XX204

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit/IWI Industries, Inc.	0311740003

SOURCE OF SAMPLE: (Exact Location) See DCI Evidence Log

PHYSICAL OBSERVATIONS, REMARKS: ~~Billing Number~~
~~Twenty five day turnaround time~~

See DCI Evidence Log

TESTS REQUESTED: SW-846 Analytical Procedures Must Be Followed
See below

COLLECTED BY: J. Maher TRANSPORTED BY:

LABORATORY

RECEIVED BY: SS DATE COMPLETED: DATE FORWARDED: 10-30-85 [illegible]

pH	Trichloroethylene	Ethyl Benzene
Flash Point	Methylene Chloride	Cresols
Cd	1,1,1-Trichlorethane	Cresylic Acid
Cr	Tetrachloroethylene	Nitrobenzene
Pb	Chlorobenzene	Benzene
CN	Trichlorofluoromethane	Toluene
	Carbontetrachloride	Xylene
	Orthodichlorobenzene	Acetone
	Methyl Ethyl Ketone	Isobutanol
	Carbon Disulfide	Pyridine

IL 532-0314
LPC 8A 4/77

(NOT FOR DATA PROCESSING)

5042534

SAMPLE NUMBER : D542534

VINYL CHLORIDE	UG/G :	-
CHLOROETHANE	UG/G :	-
METHYLENE CHLORIDE	UG/G :	6.0
BROMOCHLOROMETHANE	UG/G :	5.0K
1,1-DICHLOROETHYLENE	UG/G :	5.0K
1,1-DICHLOROETHANE	UG/G :	5.0K
1,2-DICHLOROETHYLENE	UG/G :	5.0K
CHLOROFORM	UG/G :	5.0K
1,2-DICHLOROETHANE	UG/G :	5.0K
1,1,1-TRICHLOROETHANE	UG/G :	8.0
CARBON TETRACHLORIDE	UG/G :	5.0K
BROMODICHLOROMETHANE	UG/G :	5.0K
1,2-DICHLOROPROPANE	UG/G :	5.0K
TRICHLOROETHYLENE	UG/G :	5.0K
BENZENE	UG/G :	5.0K
DIBROMOCHLOROMETHANE	UG/G :	5.0K
BROMOFORM	UG/G :	5.0K
TETRACHLOROETHYLENE	UG/G :	5.0K
TOLUENE	UG/G :	5400
CHLOROBENZENE	UG/G :	5.0K
ETHYL BENZENE	UG/G :	1700
XYLENES	UG/G :	8400

023 : THE FOLLOWING IDENTIFICATIONS ARE TENTATIVE & QUANTITATIONS APPROXIMATE :

024 : C3-SUBSTITUTED BENZENES	UG/G :	920
025 : C4-SUSTITUTED BENZENES	UG/G :	2400
026 : C5-SUBSTITUTED BENZENES	UG/G :	630
027 : METHYL INDENES	UG/G :	290
028 : ALIPHATIC HYDROCARBONS	UG/G :	4300
029 : ALIPHATIC ACID ESTERS	UG/G :	2200
030 : OTHER ORGANIC COMPOUNDS	UG/G :	5300

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER : D542534
SAMPLING POINT DESC. : SUMMIT/IWI INDUSTRIES (XX204)

SUBMITTING SOURCE # : SITE # :
DATE COLLECTED : 850820 TIME COLLECTED : 1444 SAMPLING PROGRAM :

COLLECTED BY : BENNING DELIVERED BY : MESS
COMMENTS : FLASH PT.,VOLS.,EXTRACTABLES
FUNDING CODE : LP42 AGENCY ROUTING : 00 UNIT CODE :
SAM TYPE CODE : SAMPLE PURPOSE CODE : 0

DATE RECEIVED : 850828 TIME RECEIVED : 1000 RECEIVED BY : SJB
LAB OBSERVATIONS : 6OZ. MISC. REPORTING INDICATOR :
SUPERVISORS INITIALS : JTH NOTE :

K means "less than"

1,2-DICHLOROBENZENE	UG/G	100K
BIS-(2-CHLOROETHYL)ETHER	UG/G	100K
NITROBENZENE	UG/G	100K
HEXACHLOROCYCLOPENTADIENE	UG/G	100K
1,2,4-TRICHLOROBENZENE	UG/G	100K
ISOPHORONE	UG/G	100K
NAPHTHALENE	UG/G	510
METHYL NAPHTHALENE	UG/G	150
DIMETHYL NAPHTHALENE	UG/G	170
TRIMETHYL NAPHTHALENE	UG/G	150
HEXACHLOROCYCLOPENTADIENE	UG/G	100K
ACENAPHTHYLENE	UG/G	100K
ACENAPHTHENE	UG/G	100K
DIBENZOFURAN	UG/G	100K
FLUORENE	UG/G	100K
2,4-DINITROTOLUENE	UG/G	100K
PHENANTHRENE	UG/G	100K
ANTHRACENE	UG/G	100K
FLUORANTHENE	UG/G	100K
PYRENE	UG/G	100K
BENZIDINE	UG/G	100K
CHRYSENE	UG/G	100K
BENZO(A)ANTHRACENE	UG/G	100K
3,3'-DICHLOROBENZIDINE	UG/G	100K
2-CHLOROPHENOL	UG/G	100K
2-NITROPHENOL	UG/G	100K
PHENOL	UG/G	100K
DIMETHYLPHENOLS	UG/G	100K
2,4,6-DICHLOROPHENOL	UG/G	100K
2,4,6-TRICHLOROPHENOL	UG/G	100K
4-CHLORO-3-METHYLPHENOL	UG/G	100K
2,4-DINITROPHENOL	UG/G	100K
2-METHYL-4,6-DINITROPHENOL	UG/G	100K
4-NITROPHENOL	UG/G	100K

Purpose Code 2
Program Code 42
Time Collected: 9:00am
Date Collected: 8/20/85

5042510

5042510

Lab #

SPECIAL ANALYSIS FORM

Date Received AUG 28 1985

XS206

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit/IWI Industries, Inc.	0311740003

SOURCE OF SAMPLE: (Exact Location) See DCI Evidence Log

PHYSICAL OBSERVATIONS, REMARKS: ~~Billing Number~~

~~Twenty five day turnaround time~~

See DCI Evidence Log

TESTS REQUESTED: SW-846 Analytical Procedures Must Be Followed

See below

COLLECTED BY: B. Benning TRANSPORTED BY:

LABORATORY

RECEIVED BY: J.B. DATE COMPLETED: DATE FORWARDED: 10-30-85 J. Kinley

pH	Trichloroethylene	Ethyl Benzene
Flash Point	Methylene Chloride	Cresols
Cd	1,1,1-Trichlorethane	Cresylic Acid
Cr	Tetrachloroethylene	Nitrobenzene
Pb	Chlorobenzene	Benzene
CN	Trichlorofluoromethane	Toluene
	Carbontetrachloride	Xylene
	Orthodichlorobenzene	Acetone
	Methyl Ethyl Ketone	Isobutanol
	Carbon Disulfide	Pyridine

IL 532-0314
LPC 8A 4/77

(NOT FOR DATA PROCESSING)

5042510

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER : D542510
SAMPLING POINT DESC. : SUMMIT/IWI INDUSTRIES (XS206)

SUBMITTING SOURCE # : SITE # :
DATE COLLECTED : 850820 TIME COLLECTED : 0900 SAMPLING PROGRAM :

COLLECTED BY : BENNING DELIVERED BY : MESS
COMMENTS : FLASH PT.,VOLS.,EXTRACTABLES
FUNDING CODE : LP42 AGENCY ROUTING : 00 UNIT CODE :
SAM TYPE CODE : SAMPLE PURPOSE CODE : 0

DATE RECEIVED : 850828 TIME RECEIVED : 1000 RECEIVED BY : SJB
LAB OBSERVATIONS : 6OZ. MISC. REPORTING INDICATOR :
SUPERVISORS INITIALS : JTH NOTE : K means "less than"

1,2-DICHLOROBENZENE	UG/G	: 75K
BIS-(2-CHLOROETHYL)ETHER	UG/G	: 75K
NITROBENZENE	UG/G	: 75K
HEXACHLOROCYCLOPENTADIENE	UG/G	: 75K
1,2,4-TRICHLOROBENZENE	UG/G	: 75K
ISOPHORONE	UG/G	: 75K
NAPHTHALENE	UG/G	: 140
METHYL NAPHTHALENE	UG/G	: 90
DIMETHYL NAPHTHALENE	UG/G	: 50
TRIMETHYL NAPHTHALENE	UG/G	: 75K
HEXACHLOROCYCLOPENTADIENE	UG/G	: 75K
ACENAPHTHYLENE	UG/G	: 75K
ACENAPHTHENE	UG/G	: 75K
DIBENZOFURAN	UG/G	: 75K
FLUORENE	UG/G	: 75K
2,4-DINITROTOLUENE	UG/G	: 75K
PHENANTHRENE	UG/G	: 75K
ANTHRACENE	UG/G	: 75K
FLUORANTHENE	UG/G	: 75K
PYRENE	UG/G	: 75K
BENZIDINE	UG/G	: 75K
CHRYSENE	UG/G	: 75K
BENZO(A)ANTHRACENE	UG/G	: 75K
3,3'-DICHLOROBENZIDINE	UG/G	: 75K
2-CHLOROPHENOL	UG/G	: 75K
2-NITROPHENOL	UG/G	: 75K
PHENOL	UG/G	: 75K
DIMETHYLPHENOLS	UG/G	: 75K
2,4,6-DICHLOROPHENOL	UG/G	: 75K
2,4,6-TRICHLOROPHENOL	UG/G	: 75K
4-CHLORO-3-METHYLPHENOL	UG/G	: 75K
2,4-DINITROPHENOL	UG/G	: 75K
2-METHYL-4,6-DINITROPHENOL	UG/G	: 75K
4-NITROPHENOL	UG/G	: 75K

SAMPLE NUMBER : D542510

VINYL CHLORIDE	UG/G	: -
CHLOROETHANE	UG/G	: -
METHYLENE CHLORIDE	UG/G	: 25K
BROMOCHLOROMETHANE	UG/G	: 25K
1,1-DICHLOROETHYLENE	UG/G	: 25K
1,1-DICHLOROETHANE	UG/G	: 25K
1,2-DICHLOROETHYLENE	UG/G	: 25K
CHLOROFORM	UG/G	: 25K
1,2-DICHLOROETHANE	UG/G	: 25K
1,1,1-TRICHLOROETHANE	UG/G	: 25K
CARBON TETRACHLORIDE	UG/G	: 25K
BROMODICHLOROMETHANE	UG/G	: 25K
1,2-DICHLOROPROPANE	UG/G	: 25K
TRICHLOROETHYLENE	UG/G	: 25K
BENZENE	UG/G	: 130
DIBROMOCHLOROMETHANE	UG/G	: 25K
BROMOFORM	UG/G	: 25K
TETRACHLOROETHYLENE	UG/G	: 25K
TOLUENE	UG/G	: 2000
CHLOROBENZENE	UG/G	: 25K
ETHYL BENZENE	UG/G	: 9800
XYLENES	UG/G	: 32000

023 : THE FOLLOWING IDENTIFICATIONS ARE TENTATIVE & QUANTITATIONS APPROXIMATE :

024 : ALIPHATIC KETONES	UG/G	: 62
025 : C3-SUBSTITUTED BENZENES	UG/G	: 4100
026 : C4-SUBSTITUTED BENZENES	UG/G	: 1100
027 : C5-SUBSTITUTED BENZENES	UG/G	: 110
028 : METHYL INDENES	UG/G	: 80
029 : ALIPHATIC HYDROCARBONS	UG/G	: 2700
030 : ALIPHATIC ACID ESTERS	UG/G	: 1300
031 : OTHER ORGANIC COMPOUNDS	UG/G	: 22000

Purpose Code 2
Program Code 42
Time Collected: 9:00am
Date Collected: 8/20/85

C07469 AUG26 85
C507469
Lab #

SPECIAL ANALYSIS FORM

Date Received

XS206

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit/IWI Industries, Inc.	0311740003

SOURCE OF SAMPLE: (Exact Location) See DCI Evidence Log

PHYSICAL OBSERVATIONS, REMARKS: ~~Billing Number~~
~~Twenty five day turnaround time~~

RECEIVED
SEP 24 1985
IEPA-DLPC

See DCI Evidence Log

TESTS REQUESTED: SW-846 Analytical Procedures Must Be Followed
See below

COLLECTED BY: B. Benning
TRANSPORTED BY:

LABORATORY

RECEIVED BY: Julie W Holt
DATE COMPLETED: [redacted]
J Daugherty
DATE FORWARDED: SEP. 23. 1985

pH	Trichloroethylene	Ethyl Benzene
Flash Point: 120°F	by closed cup. Methylene Chloride	Cresols
Cd	1,1,1-Trichlorethane	Cresylic Acid
Cr	Tetrachloroethylene	Nitrobenzene
Pb	Chlorobenzene	Benzene
CN	Trichlorofluoromethane	Toluene
	Carbontetrachloride	Xylene
	Orthodichlorobenzene	Acetone
	Methyl Ethyl Ketone	Isobutanol
	Carbon Disulfide	Pyridine

see LIMS report
Julie W Holt
8-26-85

Environmental Protection Agency
Division of Laboratory Services
2121 W. Taylor Street
Chicago, Illinois [redacted]

IL 532-0314
LPC 8A 4/77

(NOT FOR DATA PROCESSING)

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER : C507469
SAMPLING POINT DESC. : COOK\SUMMIT\IWI INDUSTRIES, INC XS206

SUBMITTING SOURCE # : SITE # : 0311740003
DATE COLLECTED : 850820 TIME COLLECTED : 0900 SAMPLING PROGRAM :

COLLECTED BY : B BENNING DELIVERED BY : BB
COMMENTS : SEE DCI EVIDENCE LOG
FUNDING CODE : LP42 AGENCY ROUTING : 00 UNIT CODE :
SAM TYPE CODE : LPSP SAMPLE PURPOSE CODE : 2

DATE RECEIVED : 850826 TIME RECEIVED : 1615 RECEIVED BY : LWH
LAB OBSERVATIONS : LIQUID/ORG.MATRIX REPORTING INDICATOR :
SUPERVISORS INITIALS : JWD NOTE :

FLASH POINT.CLOSED CUP DEG.F : 120

RECEIVED
SEP 24 1985
IEPA-DLPC

Purpose Code 2
Program Code 42
Time Collected: 9:08am
Date Collected: 8/20/85

5042511

Lab # 5042511

SPECIAL ANALYSIS FORM

Date Received AUG 28 1985

XS207

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit/IWI Industries, Inc.	0311740003

SOURCE OF SAMPLE: (Exact Location) See DCI Evidence Log

PHYSICAL OBSERVATIONS, REMARKS: ~~Billing Number~~

~~Twenty five day turnaround time~~

See DCI Evidence Log

TESTS REQUESTED: SW-846 Analytical Procedures Must Be Followed

See below

COLLECTED BY: B. Benning TRANSPORTED BY:

LABORATORY

RECEIVED BY: SB DATE COMPLETED: DATE FORWARDED: 10-30-85

pH	Trichloroethylene	Ethyl Benzene
Flash Point	Methylene Chloride	Cresols
Cd	1,1,1-Trichlorethane	Cresylic Acid
Cr	Tetrachloroethylene	Nitrobenzene
Pb	Chlorobenzene	Benzene
CN	Trichlorofluoromethane	Toluene
	Carbontetrachloride	Xylene
	Orthodichlorobenzene	Acetone
	Methyl Ethyl Ketone	Isobutanol
	Carbon Disulfide	Pyridine

IL 532-0314
LPC 8A 4/77

(NOT FOR DATA PROCESSING)

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER : D542511
SAMPLING POINT DESC. : SUMMIT/IWI INDUSTRIES (XS207)

SUBMITTING SOURCE # : SITE # :
DATE COLLECTED : 850820 TIME COLLECTED : 0908 SAMPLING PROGRAM :

COLLECTED BY : BENNING DELIVERED BY : MESS
COMMENTS : FLASH PT.,VOLS.,EXTRACTABLES
FUNDING CODE : LP42 AGENCY ROUTING : 00 UNIT CODE :
SAM TYPE CODE : SAMPLE PURPOSE CODE : 0

DATE RECEIVED : 850828 TIME RECEIVED : 1000 RECEIVED BY : SJB
LAB OBSERVATIONS : 6OZ. MISC. REPORTING INDICATOR :
SUPERVISORS INITIALS : JTH NOTE :
K means "less than"

1,2-DICHLOROBENZENE	UG/G	: 50K
BIS-(2-CHLOROETHYL)ETHER	UG/G	: 50K
NITROBENZENE	UG/G	: 50K
HEXACHLOROCYCLOPENTADIENE	UG/G	: 50K
1,2,4-TRICHLOROBENZENE	UG/G	: 50K
ISOPHORONE	UG/G	: 50K
NAPHTHALENE	UG/G	: 2000
METHYL NAPHTHALENE	UG/G	: 1100
DIMETHYL NAPHTHALENE	UG/G	: 400
TRIMETHYL NAPHTHALENE	UG/G	: 120
HEXACHLOROCYCLOPENTADIENE	UG/G	: 50K
ACENAPHTHYLENE	UG/G	: 50K
ACENAPHTHENE	UG/G	: 50K
DIBENZOFURAN	UG/G	: 50K
FLUORENE	UG/G	: 50K
2,4-DINITROTOLUENE	UG/G	: 50K
PHENANTHRENE	UG/G	: 50K
ANTHRACENE	UG/G	: 50K
FLUORANTHENE	UG/G	: 50K
PYRENE	UG/G	: 50K
BENZIDINE	UG/G	: 50K
CHRYSENE	UG/G	: 50K
BENZO(A)ANTHRACENE	UG/G	: 50K
3,3'-DICHLOROBENZIDINE	UG/G	: 50K
2-CHLOROPHENOL	UG/G	: 50K
2-NITROPHENOL	UG/G	: 50K
PHENOL	UG/G	: 50K
DIMETHYLPHENOLS	UG/G	: 50K
,4,6-DICHLOROPHENOL	UG/G	: 50K
2,4,6-TRICHLOROPHENOL	UG/G	: 50K
4-CHLORO-3-METHYLPHENOL	UG/G	: 50K
2,4-DINITROPHENOL	UG/G	: 50K
2-METHYL-4,6-DINITROPHENOL	UG/G	: 50K
4-NITROPHENOL	UG/G	: 50K

SAMPLE NUMBER : D542511

VINYL CHLORIDE	UG/G :	-
CHLOROETHANE	UG/G :	-
METHYLENE CHLORIDE	UG/G :	10K
BROMOCHLOROMETHANE	UG/G :	10K
1,1-DICHLOROETHYLENE	UG/G :	10K
1,1-DICHLOROETHANE	UG/G :	10K
1,2-DICHLOROETHYLENE	UG/G :	10K
CHLOROFORM	UG/G :	10K
1,2-DICHLOROETHANE	UG/G :	10K
1,1,1-TRICHLOROETHANE	UG/G :	10K
CARBON TETRACHLORIDE	UG/G :	10K
BROMODICHLOROMETHANE	UG/G :	10K
1,2-DICHLOROPROPANE	UG/G :	10K
TRICHLOROETHYLENE	UG/G :	10K
BENZENE	UG/G :	10K
DIBROMOCHLOROMETHANE	UG/G :	10K
BROMOFORM	UG/G :	10K
TETRACHLOROETHYLENE	UG/G :	10K
TOLUENE	UG/G :	3000
CHLOROBENZENE	UG/G :	10K
ETHYL BENZENE	UG/G :	3300
XYLENES	UG/G :	15000

023 : THE FOLLOWING IDENTIFICATIONS ARE TENTATIVE & QUANTITATIONS APPROXIMATE :

024 :	ACETONE	UG/G :	24
025 :	ALIPHATIC KETONES	UG/G :	79
026 :	C3-SUBSTITUTED BENZENES	UG/G :	5500
027 :	C4-SUBSTITUTED BENZENES	UG/G :	12000
028 :	C5-SUBSTITUTED BENZENES	UG/G :	1300
029 :	METHYL INDENES	UG/G :	1100
030 :	DIMETHYL INDENES	UG/G :	85
031 :	ISOBENZOFURANDIONE	UG/G :	1100
032 :	ALIPHATIC HYDROCARBONS	UG/G :	4000
033 :	ALIPHATIC ACID ESTERS	UG/G :	4300
034 :	OTHER ORGANIC COMPOUNDS	UG/G :	4900

Purpose Code 2

Program Code 42

Time Collected: 9:08am

Date Collected: 8/20/85

C07470 AUG26 85

C507470

Lab #

SPECIAL ANALYSIS FORM

Date Received

XS207

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit/IWI Industries, Inc.	0311740003

SOURCE OF SAMPLE: (Exact Location) See DCI Evidence Log

PHYSICAL OBSERVATIONS, REMARKS: Billing Number

~~Twenty five day turnaround time~~

RECEIVED
~~SEP 24 1985~~
~~IEPA-DLPC~~

See DCI Evidence Log

TESTS REQUESTED: SW-846 Analytical Procedures Must Be Followed

See below

COLLECTED BY: B. Benning

TRANSPORTED BY: J Dougherty

LABORATORY

RECEIVED BY: Leslie W Holt

DATE COMPLETED: [redacted]

DATE FORWARDED: SEP. 23. 1985

pH	Trichloroethylene	Ethyl Benzene
Flash Point	Methylene Chloride	Cresols
Cd 2.25	1,1,1-Trichlorethane	Cresylic Acid
Cr 3.1	Tetrachloroethylene	Nitrobenzene
Pb	Chlorobenzene	Benzene
CN	Trichlorofluoromethane	Toluene
See LIMS report	Carbontetrachloride	Xylene
Leslie W Holt	Orthodichlorobenzene	Acetone
8-26-85	Methyl Ethyl Ketone	Isobutanol
	Carbon Disulfide	

Environmental Protection Agency
Division of Laboratory Services
2121 W. Taylor Street
[redacted]

IL 532-0314
LPC 8A 4/77

(NOT FOR DATA PROCESSING)

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER : C507470
SAMPLING POINT DESC. : COOK.SUMMIT/IWI INDUSTRIES. INC XS207

SUBMITTING SOURCE # : SITE # : 0311740003
DATE COLLECTED : 850820 TIME COLLECTED : 0908 SAMPLING PROGRAM :

COLLECTED BY : B BENNING DELIVERED BY : BB
COMMENTS : SEE DCI EVIDENCE LOG
FUNDING CODE : LP42 AGENCY ROUTING : 00 UNIT CODE :
SAM TYPE CODE : LPSP SAMPLE PURPOSE CODE : 0

DATE RECEIVED : 850826 TIME RECEIVED : 1615 RECEIVED BY : LWH
LAB OBSERVATIONS : REPORTING INDICATOR :
SUPERVISORS INITIALS : JWD NOTE :

TOXICITY EXTRACT.INITIAL PH UNITS : 9.4
TOXICITY EXTRACT.FINAL PH UNITS : 5.0
EP TOXICITY CADMIUM MG/L : 2.25
EP TOXICITY CHROMIUM MG/L : 9.1

EP TOXICITY LEAD MG/L : 0.05K

RECEIVED
SEP 24 1985
IEPA-DLPC

D042518

Purpose Code 2

Program Code 42

Time Collected: 11:36am

Date Collected: 8/20/85

Lab # D042518

SPECIAL ANALYSIS FORM

Date Received Aug 28 1985

XS208

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit/IWI Industries, Inc.	0311740003

SOURCE OF SAMPLE: (Exact Location) See DCI Evidence Log

PHYSICAL OBSERVATIONS, REMARKS: ~~Billing Number~~

Twenty five day turnaround time

See DCI Evidence Log

TESTS REQUESTED: SW-846 Analytical Procedures Must Be Followed

See below

COLLECTED BY: B. Benning TRANSPORTED BY:

LABORATORY

RECEIVED BY: SB DATE COMPLETED: DATE FORWARDED: 10-30-85 D Hurley

pH	Trichloroethylene	Ethyl Benzene
Flash Point	Methylene Chloride	Cresols
Cd	1,1,1-Trichlorethane	Cresylic Acid
Cr	Tetrachloroethylene	Nitrobenzene
Pb	Chlorobenzene	Benzene
CN	Trichlorofluoromethane	Toluene
	Carbontetrachloride	Xylene
	Orthodichlorobenzene	Acetone
	Methyl Ethyl Ketone	Isobutanol
	Carbon Disulfide	Pyridine

IL 532-0314
LPC 8A 4/77

(NOT FOR DATA PROCESSING)

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER : D542518
SAMPLING POINT DESC. : SUMMIT/IWI INDUSTRIES (XS208)

SUBMITTING SOURCE # : SITE # :
DATE COLLECTED : 850820 TIME COLLECTED : 1136 SAMPLING PROGRAM :

COLLECTED BY : BENNING DELIVERED BY : MESS
COMMENTS : FLASH PT.,VOLS.,EXTRACTABLES
FUNDING CODE : LP42 AGENCY ROUTING : 00 UNIT CODE :
SAM TYPE CODE : SAMPLE PURPOSE CODE : 0

DATE RECEIVED : 850828 TIME RECEIVED : 1000 RECEIVED BY : SJB
LAB OBSERVATIONS : 6OZ. MISC. REPORTING INDICATOR :
SUPERVISORS INITIALS : JTH NOTE : K means "less than"

1,2-DICHLOROBENZENE	UG/G	: 50K
BIS-(2-CHLOROETHYL)ETHER	UG/G	: 50K
NITROBENZENE	UG/G	: 50K
HEXACHLOROCYCLOPENTADIENE	UG/G	: 50K
1,2,4-TRICHLOROBENZENE	UG/G	: 50K
ISOPHORONE	UG/G	: 50K
NAPHTHALENE	UG/G	: 50K
METHYL NAPHTHALENE	UG/G	: 50K
DIMETHYL NAPHTHALENE	UG/G	: 50K
TRIMETHYL NAPHTHALENE	UG/G	: 50K
HEXACHLOROCYCLOPENTADIENE	UG/G	: 50K
ACENAPHTHYLENE	UG/G	: 50K
ACENAPHTHENE	UG/G	: 50K
DIBENZOFURAN	UG/G	: 50K
FLUORENE	UG/G	: 50K
2,4-DINITROTOLUENE	UG/G	: 50K
PHENANTHRENE	UG/G	: 50K
ANTHRACENE	UG/G	: 50K
FLUORANTHENE	UG/G	: 50K
PYRENE	UG/G	: 50K
BENZIDINE	UG/G	: 50K
CHRYSENE	UG/G	: 50K
BENZO(A)ANTHRACENE	UG/G	: 50K
3,3'-DICHLOROBENZIDINE	UG/G	: 50K
2-CHLOROPHENOL	UG/G	: 50K
2-NITROPHENOL	UG/G	: 50K
PHENOL	UG/G	: 50K
DIMETHYLPHENOLS	UG/G	: 50K
2,4,6-DICHLOROPHENOL	UG/G	: 50K
2,4,6-TRICHLOROPHENOL	UG/G	: 50K
4-CHLORO-3-METHYLPHENOL	UG/G	: 50K
2,4-DINITROPHENOL	UG/G	: 50K
2-METHYL-4,6-DINITROPHENOL	UG/G	: 50K
4-NITROPHENOL	UG/G	: 50K

SAMPLE NUMBER : D542518

VINYL CHLORIDE	UG/G	: -
CHLOROETHANE	UG/G	: -
METHYLENE CHLORIDE	UG/G	: 25K
BROMOCHLOROMETHANE	UG/G	: 25K
1,1-DICHLOROETHYLENE	UG/G	: 25K
1,1-DICHLOROETHANE	UG/G	: 25K
1,2-DICHLOROETHYLENE	UG/G	: 25K
CHLOROFORM	UG/G	: 25K
1,2-DICHLOROETHANE	UG/G	: 25K
1,1,1-TRICHLOROETHANE	UG/G	: 25K
CARBON TETRACHLORIDE	UG/G	: 25K
BROMODICHLOROMETHANE	UG/G	: 25K
1,2-DICHLOROPROPANE	UG/G	: 25K
TRICHLOROETHYLENE	UG/G	: 25K
BENZENE	UG/G	: 25K
DIBROMOCHLOROMETHANE	UG/G	: 25K
BROMOFORM	UG/G	: 25K
TETRACHLOROETHYLENE	UG/G	: 25K
TOLUENE	UG/G	: 76000
CHLOROBENZENE	UG/G	: 25K
ETHYL BENZENE	UG/G	: 26000
XYLENES	UG/G	: 107000

023 : THE FOLLOWING IDENTIFICATIONS ARE TENTATIVE & QUANTITATIONS APPROXIMATE :

024 :	ACETONE	UG/G	: 75
025 :	ALIPHATIC KETONES	UG/G	: 2700
026 :	C3-SUBSTITUED BENZENES	UG/G	: 14000
027 :	C4 SUBSTITUTED BENZENES	UG/G	: 1800
028 :	ISOBENZOFURANDIONE	UG/G	: 2300
029 :	ALIPHATIC HYDROCARBONS	UG/G	: 24000
030 :	ALIPHATIC ACID ESTERS	UG/G	: 13000
031 :	OTHER ORGANIC COMPOUNDS	UG/G	: 7800

C07478 AUG26 85

Purpose Code 2

Program Code 42

Time Collected: 11:36am

Date Collected: 8/20/85

Lab # C507478

SPECIAL ANALYSIS FORM

Date Received

XS208

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit/IWI Industries, Inc.	0311740003

SOURCE OF SAMPLE: (Exact Location) See DCI Evidence Log

PHYSICAL OBSERVATIONS, REMARKS: ~~Billing Number~~

~~Twenty five day turnaround time~~

RECEIVED
SEP 24 1985
IEPA-DLPC

See DCI Evidence Log

TESTS REQUESTED: SW-846 Analytical Procedures Must Be Followed

See below

COLLECTED BY: B. Benning

TRANSPORTED BY: J Daugherty

LABORATORY

RECEIVED BY: Leslie W Holt

DATE COMPLETED: ~~8-26-85~~

DATE FORWARDED: SEP. 23. 1985

pH	Trichloroethylene	Ethyl Benzene
Flash Point: 72°F	Methylene Chloride	Cresols
Cd	1,1,1-Trichlorethane	Cresylic Acid
Cr	Tetrachloroethylene	Nitrobenzene
Pb	Chlorobenzene	Benzene
CN	Trichlorofluoromethane	Toluene
	Carbontetrachloride	Xylene
	orthodichlorobenzene	Acetone
	Methyl Ethyl Ketone	Isobutanol
	Carbon Disulfide	Pyridine

SEE LIMS report

Leslie W Holt

8-26-85

IL 532-0314
LPC 8A 4/77

(NOT FOR DATA PROCESSING)

Environmental Protection Agency
Division of Laboratory Services
2121 W. Taylor Street
Springfield, Illinois 62704

SAMPLE NUMBER : D542519

VINYL CHLORIDE	UG/G :	-
CHLOROETHANE	UG/G :	-
METHYLENE CHLORIDE	UG/G :	25K
BROMOCHLOROMETHANE	UG/G :	25K
1,1-DICHLOROETHYLENE	UG/G :	25K
1,1-DICHLOROETHANE	UG/G :	25K
1,2-DICHLOROETHYLENE	UG/G :	25K
CHLOROFORM	UG/G :	25K
1,2-DICHLOROETHANE	UG/G :	25K
1,1,1-TRICHLOROETHANE	UG/G :	25K
CARBON TETRACHLORIDE	UG/G :	25K
BROMODICHLOROMETHANE	UG/G :	25K
1,2-DICHLOROPROPANE	UG/G :	25K
TRICHLOROETHYLENE	UG/G :	25K
BENZENE	UG/G :	25K
DIBROMOCHLOROMETHANE	UG/G :	25K
BROMOFORM	UG/G :	25K
TETRACHLOROETHYLENE	UG/G :	25K
TOLUENE	UG/G :	120000
CHLOROBENZENE	UG/G :	25K
THYL BENZENE	UG/G :	4000
XYLENES	UG/G :	16000

023 : THE FOLLOWING IDENTIFICATIONS ARE TENTATIVE & QUANTITATIONS APPROXIMATE :

024 :	ACETONE	UG/G :	160
025 :	ALIPHATIC KETONES	UG/G :	4000
026 :	C3-SUBSTITUTED BENZENES	UG/G :	53000
027 :	C4-SUBSTITUTED BENZENES	UG/G :	13000
028 :	INDENES	UG/G :	960
029 :	METHYL INDENES	UG/G :	200
030 :	ISOBENZOFURANDIONE	UG/G :	1800
031 :	ALIPHATIC HYDROCARBONS	UG/G :	43000
032 :	OTHER ORGANIC COMPOUNDS	UG/G :	15000

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER : D542519
SAMPLING POINT DESC. : SUMMIT/IWI INDUSTRIES (XS209)

SUBMITTING SOURCE # : SITE # :
DATE COLLECTED : 850820 TIME COLLECTED : 1151 SAMPLING PROGRAM :

COLLECTED BY : BENNING DELIVERED BY : MESS
COMMENTS : FLASH PT.,VOLS.,EXTRACTABLES
FUNDING CODE : LP42 AGENCY ROUTING : 00 UNIT CODE :
SAM TYPE CODE : SAMPLE PURPOSE CODE : 0

DATE RECEIVED : 850828 TIME RECEIVED : 1000 RECEIVED BY : SJB
LAB OBSERVATIONS : 6OZ. MISC. REPORTING INDICATOR :
SUPERVISORS INITIALS : JTH NOTE :

K means "less than"

1,2-DICHLOROBENZENE	UG/G :	100K
BIS-(2-CHLOROETHYL)ETHER	UG/G :	100K
NITROBENZENE	UG/G :	100K
HEXACHLOROCYCLOPENTADIENE	UG/G :	100K
1,2,4-TRICHLOROBENZENE	UG/G :	100K
ISOPHORONE	UG/G :	100K
NAPHTHALENE	UG/G :	120
METHYL NAPHTHALENE	UG/G :	100K
DIMETHYL NAPHTHALENE	UG/G :	100K
TRIMETHYL NAPHTHALENE	UG/G :	100K
HEXACHLOROCYCLOPENTADIENE	UG/G :	100K
ACENAPHTHYLENE	UG/G :	100K
ACENAPHTHENE	UG/G :	100K
DIBENZOFURAN	UG/G :	100K
FLUORENE	UG/G :	100K
2,4-DINITROTOLUENE	UG/G :	100K
PHENANTHRENE	UG/G :	100K
ANTHRACENE	UG/G :	100K
FLUORANTHENE	UG/G :	100K
PYRENE	UG/G :	100K
BENZIDINE	UG/G :	100K
CHRYSENE	UG/G :	100K
BENZO(A)ANTHRACENE	UG/G :	100K
3,3'-DICHLOROBENZIDINE	UG/G :	100K
2-CHLOROPHENOL	UG/G :	100K
2-NITROPHENOL	UG/G :	100K
PHENOL	UG/G :	100K
DIMETHYLPHENOLS	UG/G :	100K
2,4,6-DICHLOROPHENOL	UG/G :	100K
2,4,6-TRICHLOROPHENOL	UG/G :	100K
4-CHLORO-3-METHYLPHENOL	UG/G :	100K
2,4-DINITROPHENOL	UG/G :	100K
2-METHYL-4,6-DINITROPHENOL	UG/G :	100K
4-NITROPHENOL	UG/G :	100K

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER : C507478
SAMPLING POINT DESC. : COOK\SUMMIT\IWI INDUSTRIES, INC. XS208

SUBMITTING SOURCE # : SITE # : 0311740003
DATE COLLECTED : 850820 TIME COLLECTED : 1136 SAMPLING PROGRAM :

COLLECTED BY : B BENNING DELIVERED BY : BB
COMMENTS : SEE DCI EVIDENCE LOG
FUNDING CODE : LP42 AGENCY ROUTING : 00 UNIT CODE :
SAM TYPE CODE : LPSP SAMPLE PURPOSE CODE : 2

DATE RECEIVED : 850826 TIME RECEIVED : 1615 RECEIVED BY : LWH
LAB OBSERVATIONS : LIQUID/ORG. MATRIX REPORTING INDICATOR :
SUPERVISORS INITIALS : JWD NOTE :

FLASH POINT.CLOSED CUP DEG.F : 72

REC
SEP 24
IEPA-DLPC

Purpose Code 2

Program Code 42

Time Collected: 9:50am

Date Collected: 8/20/85

C07475 AUG26

Lab # C507475

SPECIAL ANALYSIS FORM

Date Received

XN201A

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit/IWI Industries, Inc.	0311740003

SOURCE OF SAMPLE: (Exact Location) See DCI Evidence Log

PHYSICAL OBSERVATIONS, REMARKS: ~~Billing Number~~

~~Twenty five day turnaround time~~

RECEIVED SEP 24 1985 IEPA-DLPC

See DCI Evidence Log

TESTS REQUESTED: SW-846 Analytical Procedures Must Be Followed

See below

COLLECTED BY: G. Bruni

TRANSPORTED BY:

LABORATORY

RECEIVED BY: Leslie W Holt

DATE COMPLETED: ~~8-26-85~~

J Daugherty DATE FORWARDED: SEP. 23. 1985

pH	Trichloroethylene	Ethyl Benzene
Flash Point	Methylene Chloride	Cresols
Cd	1,1,1-Trichlorethane	Cresylic Acid
Cr <0.01	Tetrachloroethylene	Nitrobenzene
Pb <0.05	Chlorobenzene	Benzene
CN	Trichlorofluoromethane	Toluene
see LIMS report	Carbontetrachloride	Xylene
Leslie W Holt	Orthodichlorobenzene	Acetone
8-26-85	Methyl Ethyl Ketone	Isobutanol
	Carbon Disulfide	Pyridine

IL 532-0314
LPC 8A 4/77

(NOT FOR DATA PROCESSING)

Environmental Protection Agency
Division of Laboratory Services
2121 W. Taylor Street
Chicago, Illinois 60612

Purpose Code 2

Program Code 42

Time Collected: 9:50am

Date Collected: 8/20/85

C07475 AUG26

Lab # C507475

SPECIAL ANALYSIS FORM

Date Received

XN201A

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit/IWI Industries, Inc.	0311740003

SOURCE OF SAMPLE: (Exact Location) See DCI Evidence Log

PHYSICAL OBSERVATIONS, REMARKS: ~~Billing Number~~

~~Twenty five day turnaround time~~

~~RECEIVED~~
~~SEP 24 1985~~
~~IEPA-DLPC~~

See DCI Evidence Log

TESTS REQUESTED: SW-846 Analytical Procedures Must Be Followed

See below

COLLECTED BY: G. Bruni

TRANSPORTED BY:

LABORATORY

RECEIVED BY: Leslie W Holt

DATE COMPLETED: ~~8-26-85~~

J Daugherty

DATE FORWARDED: SEP. 23. 1985

pH	Trichloroethylene	Ethyl Benzene
Flash Point	Methylene Chloride	Cresols
Cd	1,1,1-Trichlorethane	Cresylic Acid
Cr <0.01	Tetrachloroethylene	Nitrobenzene
Pb <0.05	Chlorobenzene	Benzene
CN	Trichlorofluoromethane	Toluene
see LIMS report	Carbontetrachloride	Xylene
Leslie W Holt	Orthodichlorobenzene	Acetone
8-26-85	Methyl Ethyl Ketone	Isobutanol
	Carbon Disulfide	Pyridine

IL 532-0314
LPC 8A 4/77

(NOT FOR DATA PROCESSING)

Environmental Protection Agency
Division of Laboratory Services
2121 W. Taylor Street
Chicago, Illinois 60612

Purpose Code 2

Program Code 42

Time Collected: 9:50am

Date Collected: 8/20/85

D042517

Lab # D042517

SPECIAL ANALYSIS FORM

Date Received AUG 28 1985

XN201B

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit/IWI Industries, Inc.	0311740003

SOURCE OF SAMPLE: (Exact Location) See DCI Evidence Log

PHYSICAL OBSERVATIONS, REMARKS: ~~Billing Number~~

~~Twenty five day turnaround time~~

See DCI Evidence Log

TESTS REQUESTED: SW-846 Analytical Procedures Must Be Followed

See below

COLLECTED BY: G. Bruni TRANSPORTED BY:

LABORATORY

RECEIVED BY: S.B. DATE COMPLETED: DATE FORWARDED: 10-30-85 J. Hurley

pH	Trichloroethylene	Ethyl Benzene
Flash Point	Methylene Chloride	Cresols
Cd	1,1,1-Trichlorethane	Cresylic Acid
Cr	Tetrachloroethylene	Nitrobenzene
Pb	Chlorobenzene	Benzene
CN	Trichlorofluoromethane	Toluene
	Carbontetrachloride	Xylene
	Orthodichlorobenzene	Acetone
	Methyl Ethyl Ketone	Isobutanol
	Carbon Disulfide	Pyridine

IL 532-0314
LPC 8A 4/77

(NOT FOR DATA PROCESSING)

D042517

Purpose Code 2

D042517

Program Code 42

Time Collected: 9:50am

Lab # D042517

SPECIAL ANALYSIS FORM

Date Collected: 8/20/85

Date Received AUG 28 1985

XN201B

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit/IWI Industries, Inc.	0311740003

SOURCE OF SAMPLE: (Exact Location) See DCI Evidence Log

PHYSICAL OBSERVATIONS, REMARKS: ~~Billing Number~~

~~Twenty five day turnaround time~~

See DCI Evidence Log

TESTS REQUESTED: SW-846 Analytical Procedures Must Be Followed

See below

COLLECTED BY: G. Bruni TRANSPORTED BY:

LABORATORY

RECEIVED BY: S.B. DATE COMPLETED: DATE FORWARDED: 10-30-85 J. Hurley

pH	Trichloroethylene	Ethyl Benzene
Flash Point	Methylene Chloride	Cresols
Cd	1,1,1-Trichlorethane	Cresylic Acid
Cr	Tetrachloroethylene	Nitrobenzene
Pb	Chlorobenzene	Benzene
CN	Trichlorofluoromethane	Toluene
	Carbontetrachloride	Xylene
	Orthodichlorobenzene	Acetone
	Methyl Ethyl Ketone	Isobutanol
	Carbon Disulfide	Pyridine

IL 532-0314
LPC 8A 4/77

(NOT FOR DATA PROCESSING)

D042517

SAMPLE NUMBER : D542517

VINYL CHLORIDE	UG/G	: -
CHLOROETHANE	UG/G	: -
METHYLENE CHLORIDE	UG/G	: 5.0K
BROMOCHLOROMETHANE	UG/G	: 5.0K
1,1-DICHLOROETHYLENE	UG/G	: 5.0K
1,1-DICHLOROETHANE	UG/G	: 5.0K
1,2-DICHLOROETHYLENE	UG/G	: 5.0K
CHLOROFORM	UG/G	: 5.0K
1,2-DICHLOROETHANE	UG/G	: 5.0K
1,1,1-TRICHLOROETHANE	UG/G	: 5.0K
CARBON TETRACHLORIDE	UG/G	: 5.0K
BROMODICHLOROMETHANE	UG/G	: 5.0K
1,2-DICHLOROPROPANE	UG/G	: 5.0K
TRICHLOROETHYLENE	UG/G	: 5.0K
BENZENE	UG/G	: 5.0K
DIBROMOCHLOROMETHANE	UG/G	: 5.0K
BROMOFORM	UG/G	: 5.0K
TETRACHLOROETHYLENE	UG/G	: 5.0K
TOLUENE	UG/G	: 330
CHLOROBENZENE	UG/G	: 5.0K
ETHYL BENZENE	UG/G	: 250
XYLENES	UG/G	: 1100

023 : THE FOLLOWING IDENTIFICATIONS ARE TENTATIVE & QUANTITATIONS APPROXIMATE :

024 : C3-SUBSTITUTED BENZENES	UG/G	: 860
025 : C4-SUBSTITUTED BENZENES	UG/G	: 240
026 : C5-SUBSTITUTED BENZENES	UG/G	: 45
027 : METHYL INDENES	UG/G	: 20
028 : ISOBENZOFURANDIONE	UG/G	: 30
029 : ALIPHATIC HYDROCARBONS	UG/G	: 2600
030 : ALIPHATIC ACID ESTERS	UG/G	: 200
031 : OTHER ORGANIC COMPOUNDS	UG/G	: 840

SAMPLE NUMBER : D542517

VINYL CHLORIDE	UG/G :	-
CHLOROETHANE	UG/G :	-
METHYLENE CHLORIDE	UG/G :	5.0K
BROMOCHLOROMETHANE	UG/G :	5.0K
1,1-DICHLOROETHYLENE	UG/G :	5.0K
1,1-DICHLOROETHANE	UG/G :	5.0K
1,2-DICHLOROETHYLENE	UG/G :	5.0K
CHLOROFORM	UG/G :	5.0K
1,2-DICHLOROETHANE	UG/G :	5.0K
1,1,1-TRICHLOROETHANE	UG/G :	5.0K
CARBON TETRACHLORIDE	UG/G :	5.0K
BROMODICHLOROMETHANE	UG/G :	5.0K
1,2-DICHLOROPROPANE	UG/G :	5.0K
TRICHLOROETHYLENE	UG/G :	5.0K
BENZENE	UG/G :	5.0K
DIBROMOCHLOROMETHANE	UG/G :	5.0K
BROMOFORM	UG/G :	5.0K
TETRACHLOROETHYLENE	UG/G :	5.0K
TOLUENE	UG/G :	330
CHLOROBENZENE	UG/G :	5.0K
ETHYL BENZENE	UG/G :	250
XYLENES	UG/G :	1100

023 : THE FOLLOWING IDENTIFICATIONS ARE TENTATIVE & QUANTITATIONS APPROXIMATE :

024 : C3-SUBSTITUTED BENZENES	UG/G :	860
025 : C4-SUBSTITUTED BENZENES	UG/G :	240
026 : C5-SUBSTITUTED BENZENES	UG/G :	45
027 : METHYL INDENES	UG/G :	20
028 : ISOBENZOFURANDIONE	UG/G :	30
029 : ALIPHATIC HYDROCARBONS	UG/G :	2600
030 : ALIPHATIC ACID ESTERS	UG/G :	200
031 : OTHER ORGANIC COMPOUNDS	UG/G :	840

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER : C507476
SAMPLING POINT DESC. : COOK\SUMMIT\IWI INDUSTRIES, INC. XN201B

SUBMITTING SOURCE # : SITE # : 0311740003
DATE COLLECTED : 850820 TIME COLLECTED : 0950 SAMPLING PROGRAM :

COLLECTED BY : G BRUNI DELIVERED BY : GB
COMMENTS : SEE DCI EVIDENCE LOG
FUNDING CODE : LP42 AGENCY ROUTING : 00 UNIT CODE :
SAM TYPE CODE : LPSP SAMPLE PURPOSE CODE : 2

DATE RECEIVED : 850826 TIME RECEIVED : 1615 RECEIVED BY : LWH
LAB OBSERVATIONS : REPORTING INDICATOR :
SUPERVISORS INITIALS : JWD NOTE :

TOXICITY EXTRACT.INITIAL PH UNITS : 7.4
TOXICITY EXTRACT.FINAL PH UNITS : 4.7
EP TOXICITY CADMIUM MG/L : 0.01
EP TOXICITY CHROMIUM MG/L : 0.01

EP TOXICITY LEAD MG/L : 0.10

SEP 24 1985
IEPA-DLPC

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER : C507476
SAMPLING POINT DESC. : COOK\SUMMIT\IWI INDUSTRIES, INC. XN201B

SUBMITTING SOURCE # : SITE # : 0311740003
DATE COLLECTED : 850820 TIME COLLECTED : 0950 SAMPLING PROGRAM :

COLLECTED BY : G BRUNI DELIVERED BY : GB
COMMENTS : SEE DCI EVIDENCE LOG
FUNDING CODE : LP42 AGENCY ROUTING : 00 UNIT CODE :
SAM TYPE CODE : LPSP SAMPLE PURPOSE CODE : Z

DATE RECEIVED : 850826 TIME RECEIVED : 1615 RECEIVED BY : LWH
LAB OBSERVATIONS : REPORTING INDICATOR :
SUPERVISORS INITIALS : JWD NOTE :

TOXICITY EXTRACT.INITIAL PH UNITS : 7.4
TOXICITY EXTRACT.FINAL PH UNITS : 4.7
EP TOXICITY CADMIUM MG/L : 0.01
EP TOXICITY CHROMIUM MG/L : 0.01

EP TOXICITY LEAD MG/L : 0.10

SEP 24 198
IEPA-DLPC

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER : D542530
SAMPLING POINT DESC. : SUMMIT/IWI INDUSTRIES (XN203)

SUBMITTING SOURCE # : SITE # :
DATE COLLECTED : 850820 TIME COLLECTED : 1400 SAMPLING PROGRAM :

COLLECTED BY : BENNING DELIVERED BY : MESS
COMMENTS : FLASH PT.,VOLS.,EXTRACTABLES
FUNDING CODE : LP42 AGENCY ROUTING : 00 UNIT CODE :
SAM TYPE CODE : SAMPLE PURPOSE CODE : 0

DATE RECEIVED : 850828 TIME RECEIVED : 1000 RECEIVED BY : SJB
LAB OBSERVATIONS : 6OZ. MISC. REPORTING INDICATOR :
SUPERVISORS INITIALS : JTH NOTE :

K means "less than"

1,2-DICHLOROBENZENE	UG/G	: 75K
BIS-(2-CHLOROETHYL)ETHER	UG/G	: 75K
NITROBENZENE	UG/G	: 75K
HEXACHLOROCYCLOPENTADIENE	UG/G	: 75K
1,2,4-TRICHLOROBENZENE	UG/G	: 75K
ISOPHORONE	UG/G	: 75K
NAPHTHALENE	UG/G	: 75K
METHYL NAPHTHALENE	UG/G	: 75K
IMETHYL NAPHTHALENE	UG/G	: 75K
TRIMETHYL NAPHTHALENE	UG/G	: 75K
HEXACHLOROCYCLOPENTADIENE	UG/G	: 75K
ACENAPHTHYLENE	UG/G	: 75K
ACENAPHTHENE	UG/G	: 75K
DIBENZOFURAN	UG/G	: 75K
FLUORENE	UG/G	: 75K
2,4-DINITROTOLUENE	UG/G	: 75K
PHENANTHRENE	UG/G	: 75K
ANTHRACENE	UG/G	: 75K
FLUORANTHENE	UG/G	: 75K
PYRENE	UG/G	: 75K
BENZIDINE	UG/G	: 75K
CHRYSENE	UG/G	: 75K
BENZO(A)ANTHRACENE	UG/G	: 75K
3,3'-DICHLOROBENZIDINE	UG/G	: 75K
2-CHLOROPHENOL	UG/G	: 75K
2-NITROPHENOL	UG/G	: 75K
PHENOL	UG/G	: 75K
DIMETHYLPHENOLS	UG/G	: 75K
4,6-DICHLOROPHENOL	UG/G	: 75K
2,4,6-TRICHLOROPHENOL	UG/G	: 75K
4-CHLORO-3-METHYLPHENOL	UG/G	: 75K
2,4-DINITROPHENOL	UG/G	: 75K
2-METHYL-4,6-DINITROPHENOL	UG/G	: 75K
4-NITROPHENOL	UG/G	: 75K

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER : D542530
SAMPLING POINT DESC. : SUMMIT/IWI INDUSTRIES (XN203)

SUBMITTING SOURCE # : SITE # :
DATE COLLECTED : 850820 TIME COLLECTED : 1400 SAMPLING PROGRAM :

COLLECTED BY : BENNING DELIVERED BY : MESS
COMMENTS : FLASH PT.,VOLS.,EXTRACTABLES
FUNDING CODE : LP42 AGENCY ROUTING : 00 UNIT CODE :
SAM TYPE CODE : SAMPLE PURPOSE CODE : 0

DATE RECEIVED : 850828 TIME RECEIVED : 1000 RECEIVED BY : SJB
LAB OBSERVATIONS : 6OZ. MISC. REPORTING INDICATOR :
SUPERVISORS INITIALS : JTH NOTE :

K means "less than"

1,2-DICHLOROBENZENE	UG/G	75K
BIS-(2-CHLOROETHYL)ETHER	UG/G	75K
NITROBENZENE	UG/G	75K
HEXACHLOROCYCLOPENTADIENE	UG/G	75K
1,2,4-TRICHLOROBENZENE	UG/G	75K
ISOPHORONE	UG/G	75K
NAPHTHALENE	UG/G	75K
METHYL NAPHTHALENE	UG/G	75K
DIMETHYL NAPHTHALENE	UG/G	75K
TRIMETHYL NAPHTHALENE	UG/G	75K
HEXACHLOROCYCLOPENTADIENE	UG/G	75K
ACENAPHTHYLENE	UG/G	75K
ACENAPHTHENE	UG/G	75K
DIBENZOFURAN	UG/G	75K
FLUORENE	UG/G	75K
2,4-DINITROTOLUENE	UG/G	75K
PHENANTHRENE	UG/G	75K
ANTHRACENE	UG/G	75K
FLUORANTHENE	UG/G	75K
PYRENE	UG/G	75K
BENZIDINE	UG/G	75K
CHRYSENE	UG/G	75K
BENZO(A)ANTHRACENE	UG/G	75K
3,3'-DICHLOROBENZIDINE	UG/G	75K
2-CHLOROPHENOL	UG/G	75K
2-NITROPHENOL	UG/G	75K
PHENOL	UG/G	75K
DIMETHYLPHENOLS	UG/G	75K
2,4,6-DICHLOROPHENOL	UG/G	75K
2,4,6-TRICHLOROPHENOL	UG/G	75K
4-CHLORO-3-METHYLPHENOL	UG/G	75K
2,4-DINITROPHENOL	UG/G	75K
2-METHYL-4,6-DINITROPHENOL	UG/G	75K
4-NITROPHENOL	UG/G	75K

D042531

Purpose Code 2

Program Code 42

Time Collected: 2:08 pm

Date Collected: 8/20/85

Lab # D042531

AUG 28 1985

SPECIAL ANALYSIS FORM

Date Received

X0204

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit/IWI Industries, Inc.	0311740003

SOURCE OF SAMPLE: (Exact Location) See DCI Evidence Log

PHYSICAL OBSERVATIONS, REMARKS: ~~Billing Number~~

~~Twenty five day turnaround time~~

See DCI Evidence Log

TESTS REQUESTED: SW-846 Analytical Procedures Must Be Followed

See below

COLLECTED BY: G. Bruni

TRANSPORTED BY:

LABORATORY

RECEIVED BY: S3

DATE COMPLETED:

DATE FORWARDED: 10-30-85 J. Stuney

pH	Trichloroethylene	Ethyl Benzene
Flash Point	Methylene Chloride	Cresols
Cd	1,1,1-Trichlorethane	Cresylic Acid
Cr	Tetrachloroethylene	Nitrobenzene
Pb	Chlorobenzene	Benzene
CN	Trichlorofluoromethane	Toluene
	Carbontetrachloride	Xylene
	Orthodichlorobenzene	Acetone
	Methyl Ethyl Ketone	Isobutanol
	Carbon Disulfide	Pyridine

IL 532-0314
LPC 8A 4/77

(NOT FOR DATA PROCESSING)

5042531

Purpose Code 2

Program Code 42

Time Collected: 2:08 pm

Date Collected: 8/20/85

Lab # 5042531

AUG 28 1985

SPECIAL ANALYSIS FORM

Date Received

X0204

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit/IWI Industries, Inc.	0311740003

SOURCE OF SAMPLE: (Exact Location) See DCI Evidence Log

PHYSICAL OBSERVATIONS, REMARKS: ~~Billing Number~~

~~Twenty five day turnaround time~~

See DCI Evidence Log

TESTS REQUESTED: SW-846 Analytical Procedures Must Be Followed

See below

COLLECTED BY: G. Bruni

TRANSPORTED BY:

LABORATORY

RECEIVED BY: SB

DATE COMPLETED:

DATE FORWARDED: 10-30-85 J Stanley

pH	Trichloroethylene	Ethyl Benzene
Flash Point	Methylene Chloride	Cresols
Cd	1,1,1-Trichlorethane	Cresylic Acid
Cr	Tetrachloroethylene	Nitrobenzene
Pb	Chlorobenzene	Benzene
CN	Trichlorofluoromethane	Toluene
	Carbontetrachloride	Xylene
	Orthodichlorobenzene	Acetone
	Methyl Ethyl Ketone	Isobutanol
	Carbon Disulfide	Pyridine

IL 532-0314
LPC 8A 4/77

(NOT FOR DATA PROCESSING)

5042531

SAMPLE NUMBER : D542531

VINYL CHLORIDE	UG/G :	-
CHLOROETHANE	UG/G :	-
METHYLENE CHLORIDE	UG/G :	25K
BROMOCHLOROMETHANE	UG/G :	25K
1,1-DICHLOROETHYLENE	UG/G :	25K
1,1-DICHLOROETHANE	UG/G :	25K
1,2-DICHLOROETHYLENE	UG/G :	25K
CHLOROFORM	UG/G :	25K
1,2-DICHLOROETHANE	UG/G :	25K
1,1,1-TRICHLOROETHANE	UG/G :	25K
CARBON TETRACHLORIDE	UG/G :	25K
BROMODICHLOROMETHANE	UG/G :	25K
1,2-DICHLOROPROPANE	UG/G :	25K
TRICHLOROETHYLENE	UG/G :	25K
BENZENE	UG/G :	25K
DIBROMOCHLOROMETHANE	UG/G :	25K
BROMOFORM	UG/G :	25K
TETRACHLOROETHYLENE	UG/G :	25K
TOLUENE	UG/G :	120
CHLOROBENZENE	UG/G :	25K
ETHYL BENZENE	UG/G :	170
XYLENES	UG/G :	620

023 : THE FOLLOWING IDENTIFICATIONS ARE TENTATIVE & QUANTITATIONS APPROXIMATE :

024 : C3-SUBSTITUTED BENZENES	UG/G :	140
025 : ALIPHATIC ACID ESTERS	UG/G :	400
026 : OTHER ORGANIC COMPOUNDS	UG/G :	42000

SAMPLE NUMBER : D542531

VINYL CHLORIDE	UG/G :	-
CHLOROETHANE	UG/G :	-
METHYLENE CHLORIDE	UG/G :	25K
BROMOCHLOROMETHANE	UG/G :	25K
1,1-DICHLOROETHYLENE	UG/G :	25K
1,1-DICHLOROETHANE	UG/G :	25K
1,2-DICHLOROETHYLENE	UG/G :	25K
CHLOROFORM	UG/G :	25K
1,2-DICHLOROETHANE	UG/G :	25K
1,1,1-TRICHLOROETHANE	UG/G :	25K
CARBON TETRACHLORIDE	UG/G :	25K
BROMODICHLOROMETHANE	UG/G :	25K
1,2-DICHLOROPROPANE	UG/G :	25K
TRICHLOROETHYLENE	UG/G :	25K
BENZENE	UG/G :	25K
DIBROMOCHLOROMETHANE	UG/G :	25K
BROMOFORM	UG/G :	25K
TETRACHLOROETHYLENE	UG/G :	25K
TOLUENE	UG/G :	120
CHLOROBENZENE	UG/G :	25K
ETHYL BENZENE	UG/G :	170
XYLENES	UG/G :	620

023 : THE FOLLOWING IDENTIFICATIONS ARE TENTATIVE & QUANTITATIONS APPROXIMATE :

024 : C3-SUBSTITUTED BENZENES	UG/G :	140
025 : ALIPHATIC ACID ESTERS	UG/G :	400
026 : OTHER ORGANIC COMPOUNDS	UG/G :	42000

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER : D542528
SAMPLING POINT DESC. : SUMMIT/IWI INDUSTRIES (X0205)

SUBMITTING SOURCE # : SITE # :
DATE COLLECTED : 850820 TIME COLLECTED : 1406 SAMPLING PROGRAM :

COLLECTED BY : BENNING DELIVERED BY : MESS
COMMENTS : FLASH PT.,VOLS.,EXTRACTABLES
FUNDING CODE : LP42 AGENCY ROUTING : 00 UNIT CODE :
SAM TYPE CODE : SAMPLE PURPOSE CODE : 0

DATE RECEIVED : 850828 TIME RECEIVED : 1000 RECEIVED BY : SJB
LAB OBSERVATIONS : 6OZ. WATER REPORTING INDICATOR :
SUPERVISORS INITIALS : JTH NOTE : K means "less than"

P34536	1,2-DICHLOROBENZENE	UG/L	: 250K
P34273	BIS-(2-CHLOROETHYL)ETHER	UG/L	: 250K
P34447	NITROBENZENE	UG/L	: 250K
P34391	HEXACHLOROBUTADIENE	UG/L	: 250K
P34551	1,2,4-TRICHLOROBENZENE	UG/L	: 250K
P34408	ISOPHORONE	UG/L	: 250K
P34696	NAPHTHALENE	UG/L	: 250K
P81547	METHYL NAPHTHALENE	UG/L	: 250K
P81531	DIMETHYL NAPHTHALENE	UG/L	: 250K
P78212	TRIMETHYL NAPTHALENE	UG/L	: 250K
P34386	HEXACHLOROCYCLOPENTADIENE	UG/L	: 250K
P34200	ACENAPHTHYLENE	UG/L	: 250K
P34205	ACENAPHTHENE	UG/L	: 250K
P81302	DIBENZOFURAN	UG/L	: 250K
P34381	FLUORENE	UG/L	: 250K
P34611	2,4-DINITROTOLUENE	UG/L	: 250K
P34461	PHENANTHRENE	UG/L	: 250K
P34220	ANTHRACENE	UG/L	: 250K
P34376	FLUORANTHENE	UG/L	: 250K
P34469	PYRENE	UG/L	: 250K
P39120	BENZIDINE	UG/L	: 250K
P34320	CHRYSENE	UG/L	: 250K
P34526	BENZO(A)ANTHRACENE	UG/L	: 250K
P34631	3,3'-DICHLOROBENZIDINE	UG/L	: 250K
P34586	2-CHLOROPHENOL	UG/L	: 250K
P34591	2-NITROPHENOL	UG/L	: 250K
P34694	PHENOL	UG/L	: 250K
P34606	2,4-DIMETHYLPHENOL	UG/L	: 250K
P34601	2,4-DICHLOROPHENOL	UG/L	: 250K
P34621	2,4,6-TRICHLOROPHENOL	UG/L	: 250K
P34452	4-CHLORO-3-METHYLPHENOL	UG/L	: 250K
P34616	2,4-DINITROPHENOL	UG/L	: 250K
P34657	2-METHYL-4,6-DINITROPHENOL	UG/L	: 250K
P34646	4-NITROPHENOL	UG/L	: 250K

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER : D542528
SAMPLING POINT DESC. : SUMMIT/IWI INDUSTRIES (X0205)

SUBMITTING SOURCE # : SITE # :
DATE COLLECTED : 850820 TIME COLLECTED : 1406 SAMPLING PROGRAM :

COLLECTED BY : BENNING DELIVERED BY : MESS
COMMENTS : FLASH PT.,VOLS.,EXTRACTABLES
FUNDING CODE : LP42 AGENCY ROUTING : 00 UNIT CODE :
SAM TYPE CODE : SAMPLE PURPOSE CODE : 0

DATE RECEIVED : 850828 TIME RECEIVED : 1000 RECEIVED BY : SJB
LAB OBSERVATIONS : 6OZ. WATER REPORTING INDICATOR :
SUPERVISORS INITIALS : JTH NOTE :
K means "less than"

P34536	1,2-DICHLOROBENZENE	UG/L	: 250K
P34273	BIS-(2-CHLOROETHYL)ETHER	UG/L	: 250K
P34447	NITROBENZENE	UG/L	: 250K
P34391	HEXACHLOROBUTADIENE	UG/L	: 250K
P34551	1,2,4-TRICHLOROBENZENE	UG/L	: 250K
P34408	ISOPHORONE	UG/L	: 250K
P34696	NAPHTHALENE	UG/L	: 250K
P81547	METHYL NAPHTHALENE	UG/L	: 250K
P81531	DIMETHYL NAPHTHALENE	UG/L	: 250K
P78212	TRIMETHYL NAPTHALENE	UG/L	: 250K
P34386	HEXACHLOROCYCLOPENTADIENE	UG/L	: 250K
P34200	ACENAPHTHYLENE	UG/L	: 250K
P34205	ACENAPHTHENE	UG/L	: 250K
P81302	DIBENZOFURAN	UG/L	: 250K
P34381	FLUORENE	UG/L	: 250K
P34611	2,4-DINITROTOLUENE	UG/L	: 250K
P34461	PHENANTHRENE	UG/L	: 250K
P34220	ANTHRACENE	UG/L	: 250K
P34376	FLUORANTHENE	UG/L	: 250K
P34469	PYRENE	UG/L	: 250K
P39120	BENZIDINE	UG/L	: 250K
P34320	CHRYSENE	UG/L	: 250K
P34526	BENZO(A)ANTHRACENE	UG/L	: 250K
P34631	3,3'-DICHLOROBENZIDINE	UG/L	: 250K
P34586	2-CHLOROPHENOL	UG/L	: 250K
P34591	2-NITROPHENOL	UG/L	: 250K
P34694	PHENOL	UG/L	: 250K
P34606	2,4-DIMETHYLPHENOL	UG/L	: 250K
P34601	2,4-DICHLOROPHENOL	UG/L	: 250K
P34621	2,4,6-TRICHLOROPHENOL	UG/L	: 250K
P34452	4-CHLORO-3-METHYLPHENOL	UG/L	: 250K
P34616	2,4-DINITROPHENOL	UG/L	: 250K
P34657	2-METHYL-4,6-DINITROPHENOL	UG/L	: 250K
P34646	4-NITROPHENOL	UG/L	: 250K

Purpose Code 2

Program Code 42

Time Collected: 2:06 pm

Date Collected: 8/20/85

C07487 AUG26'85

Lab # C507487

SPECIAL ANALYSIS FORM

Date Received

X0205

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit/IWI Industries, Inc.	0311740003

SOURCE OF SAMPLE: (Exact Location) See DCI Evidence Log

PHYSICAL OBSERVATIONS, REMARKS: ~~Billing Number~~

~~Twenty five day turnaround time~~

RECEIVED SEP 24 1985 PC

See DCI Evidence Log

TESTS REQUESTED: SW-846 Analytical Procedures Must Be Followed

See below

COLLECTED BY: B. Benning

TRANSPORTED BY: J Daugherty

LABORATORY

RECEIVED BY: Leslie W Holt

DATE COMPLETED: ~~8-26-85~~

DATE FORWARDED: SEP. 23. 1985

pH	Trichloroethylene	Ethyl Benzene
Flash Point: 125°F	Methylene Chloride	Cresols
Cd	1,1,1-Trichloroethane	Cresylic Acid
Cr	Tetrachloroethylene	Nitrobenzene
Pb	Chlorobenzene	Benzene
CN	Trichlorofluoromethane	Toluene
See LIMS report	Carbon Tetrachloride	Xylene
Leslie W Holt	Orthodichlorobenzene	Acetone
8-26-85	Methyl Ethyl Ketone	Isobutanol
	Carbon Disulfide	Pyridine

IL 532-0314
LPC 8A 4/77

(NOT FOR DATA PROCESSING)

Environmental Protection Agency
Division of Laboratory Services
2121 W. Taylor Street

Purpose Code 2
Program Code 42
Time Collected: 2:06 pm
Date Collected: 8/20/85

C07487 AUG26'85
Lab # C507487

SPECIAL ANALYSIS FORM

Date Received

X0205

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit/IWI Industries, Inc.	0311740003

SOURCE OF SAMPLE: (Exact Location) See DCI Evidence Log

PHYSICAL OBSERVATIONS, REMARKS: ~~Billing Number~~
~~Twenty five day turnaround time~~

RECEIVED
SEP 24 1985
PC

See DCI Evidence Log

TESTS REQUESTED: SW-846 Analytical Procedures Must Be Followed
See below

COLLECTED BY: B. Benning

TRANSPORTED BY: J Daugherty

LABORATORY

RECEIVED BY: Leslie W Holt

DATE COMPLETED: ~~8-26-85~~

DATE FORWARDED: SEP. 23. 1985

pH	Trichloroethylene	Ethyl Benzene
Flash Point: 125°F	Methylene Chloride	Cresols
Cd	1,1,1-Trichloroethane	Cresylic Acid
Cr	Tetrachloroethylene	Nitrobenzene
Pb	Chlorobenzene	Benzene
CN	Trichlorofluoromethane	Toluene
see LIMS report	Carbon tetrachloride	Xylene
Leslie W Holt	Orthodichlorobenzene	Acetone
8-26-85	Methyl Ethyl Ketone	Isobutanol
	Carbon Disulfide	Pyridine

IL 532-0314
LPC 8A 4/77

(NOT FOR DATA PROCESSING)

Environmental Protection Agency
Division of Laboratory Services
2121 W. Taylor Street
Chicago, Illinois 60612

D042529

Purpose Code 2

Program Code 42

Time Collected: 2:10 pm

Date Collected: 8/20/85

Lab # D042529

SPECIAL ANALYSIS FORM

Date Received AUG 28 1985

X0206

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit/IWI Industries, Inc.	0311740003

SOURCE OF SAMPLE: (Exact Location) See DCI Evidence Log

PHYSICAL OBSERVATIONS, REMARKS: ~~Billing Number~~

~~Twenty five day turnaround time~~

See DCI Evidence Log

TESTS REQUESTED: SW-846 Analytical Procedures Must Be Followed

See below

COLLECTED BY: R. Finley TRANSPORTED BY:

LABORATORY

RECEIVED BY: SS DATE COMPLETED: DATE FORWARDED: 10-30-85 S Hurley

pH	Trichloroethylene	Ethyl Benzene
Flash Point	Methylene Chloride	Cresols
Cd	1,1,1-Trichlorethane	Cresylic Acid
Cr	Tetrachloroethylene	Nitrobenzene
Pb	Chlorobenzene	Benzene
CN	Trichlorofluoromethane	Toluene
	Carbontetrachloride	Xylene
	Orthodichlorobenzene	Acetone
	Methyl Ethyl Ketone	Isobutanol
	Carbon Disulfide	Pyridine

IL 532-0314
LPC BA 4/77

(NOT FOR DATA PROCESSING)

D042529

Purpose Code 2

Program Code 42

Time Collected: 2:10 pm

Date Collected: 8/20/85

D042529

Lab #

SPECIAL ANALYSIS FORM

Date Received AUG 28 1985

X0206

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit/IWI Industries, Inc.	0311740003

SOURCE OF SAMPLE: (Exact Location) See DCI Evidence Log

PHYSICAL OBSERVATIONS, REMARKS: ~~Billing Number~~

~~Twenty five day turnaround time~~

See DCI Evidence Log

TESTS REQUESTED: SW-846 Analytical Procedures Must Be Followed

See below

COLLECTED BY: R. Finley

TRANSPORTED BY:

LABORATORY

RECEIVED BY: SB

DATE COMPLETED:

DATE FORWARDED: 10-30-85 R. Finley

pH	Trichloroethylene	Ethyl Benzene
Flash Point	Methylene Chloride	Cresols
Cd	1,1,1-Trichlorethane	Cresylic Acid
Cr	Tetrachloroethylene	Nitrobenzene
Pb	Chlorobenzene	Benzene
CN	Trichlorofluoromethane	Toluene
	Carbontetrachloride	Xylene
	Orthodichlorobenzene	Acetone
	Methyl Ethyl Ketone	Isobutanol
	Carbon Disulfide	Pyridine

IL 532-0314
LPC 8A 4/77

(NOT FOR DATA PROCESSING)

SAMPLE NUMBER : D542529

VINYL CHLORIDE	UG/G	: -
CHLOROETHANE	UG/G	: -
METHYLENE CHLORIDE	UG/G	: 26
BROMOCHLOROMETHANE	UG/G	: 10K
1,1-DICHLOROETHYLENE	UG/G	: 10K
1,1-DICHLOROETHANE	UG/G	: 10K
1,2-DICHLOROETHYLENE	UG/G	: 10K
CHLOROFORM	UG/G	: 10K
1,2-DICHLOROETHANE	UG/G	: 10K
1,1,1-TRICHLOROETHANE	UG/G	: 97
CARBON TETRACHLORIDE	UG/G	: 10K
BROMODICHLOROMETHANE	UG/G	: 10K
1,2-DICHLOROPROPANE	UG/G	: 10K
TRICHLOROETHYLENE	UG/G	: 28
BENZENE	UG/G	: 10K
DIBROMOCHLOROMETHANE	UG/G	: 10K
BROMOFORM	UG/G	: 10K
TETRACHLOROETHYLENE	UG/G	: 56
TOLUENE	UG/G	: 690
CHLOROBENZENE	UG/G	: 10K
THYL BENZENE	UG/G	: 170
XYLENES	UG/G	: 550

023 : THE FOLLOWING IDENTIFICATIONS ARE TENTATIVE & QUANTITATION APPROXIMATE :

024 : ALIPHATIC KETONES	UG/G	: 60
025 : C3-SUBSTITUTED BENZENES	UG/G	: 65
026 : C4-SUBSTITUTED BENZENES	UG/G	: 110
027 : ALIPHATIC HYDROCARBONS	UG/G	: 9800
028 : ALIPHATIC ACID ESTERS	UG/G	: 4400
029 : OTHER ORGANIC COMPOUNDS	UG/G	: 1700

SAMPLE NUMBER : D542529

VINYL CHLORIDE	UG/G :	-
CHLOROETHANE	UG/G :	-
METHYLENE CHLORIDE	UG/G :	26
BROMOCHLOROMETHANE	UG/G :	10K
1,1-DICHLOROETHYLENE	UG/G :	10K
1,1-DICHLOROETHANE	UG/G :	10K
1,2-DICHLOROETHYLENE	UG/G :	10K
CHLOROFORM	UG/G :	10K
1,2-DICHLOROETHANE	UG/G :	10K
1,1,1-TRICHLOROETHANE	UG/G :	97
CARBON TETRACHLORIDE	UG/G :	10K
BROMODICHLOROMETHANE	UG/G :	10K
1,2-DICHLOROPROPANE	UG/G :	10K
TRICHLOROETHYLENE	UG/G :	28
BENZENE	UG/G :	10K
DIBROMOCHLOROMETHANE	UG/G :	10K
BROMOFORM	UG/G :	10K
TETRACHLOROETHYLENE	UG/G :	56
TOLUENE	UG/G :	690
CHLOROBENZENE	UG/G :	10K
ETHYL BENZENE	UG/G :	170
XYLENES	UG/G :	550

023 : THE FOLLOWING IDENTIFICATIONS ARE TENTATIVE & QUANTITATION APPROXIMATE :

024 : ALIPHATIC KETONES	UG/G :	60
025 : C3-SUBSTITUTED BENZENES	UG/G :	65
026 : C4-SUBSTITUTED BENZENES	UG/G :	110
027 : ALIPHATIC HYDROCARBONS	UG/G :	9800
028 : ALIPHATIC ACID ESTERS	UG/G :	4400
029 : OTHER ORGANIC COMPOUNDS	UG/G :	1700

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER : C507477
SAMPLING POINT DESC. : COOK/SUMMIT\IWI INDUSTRIES, INC. X0206

SUBMITTING SOURCE # :
DATE COLLECTED : 850820 TIME COLLECTED : 1410 SITE # : 0311740003
SAMPLING PROGRAM :

COLLECTED BY : R FINLEY
COMMENTS : SEE DCI EVIDENCE LOG DELIVERED BY : GB
FUNDING CODE : LP42 AGENCY ROUTING : 00
SAM TYPE CODE : LPSP SAMPLE PURPOSE CODE : 2 UNIT CODE :

DATE RECEIVED : 850826 TIME RECEIVED : 1615 RECEIVED BY : LWH
LAB OBSERVATIONS :
SUPERVISORS INITIALS : JWD REPORTING INDICATOR :
NOTE :

TOXICITY EXTRACT, INITIAL PH	UNITS	: 7.8
TOXICITY EXTRACT, FINAL PH	UNITS	: 5.0
EP TOXICITY CADMIUM	MG/L	: 0.01K
EP TOXICITY CHROMIUM	MG/L	: 0.01K
EP TOXICITY LEAD	MG/L	: 0.46

RECEIVED
SEP 24 1985
IEPA-DLPC

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER : C507477
SAMPLING POINT DESC. : COOK/SUMMIT\IWI INDUSTRIES, INC. X0206

SUBMITTING SOURCE # :
DATE COLLECTED : 850820 TIME COLLECTED : 1410 SITE # : 0811740003

COLLECTED BY : R FINLEY SAMPLING PROGRAM :
COMMENTS : SEE DCI EVIDENCE LOG DELIVERED BY : GB
FUNDING CODE : LP42 AGENCY ROUTING : 00
SAM TYPE CODE : LPSP SAMPLE PURPOSE CODE : 2 UNIT CODE :

DATE RECEIVED : 850826 TIME RECEIVED : 1615 RECEIVED BY : LWH
LAB OBSERVATIONS : REPORTING INDICATOR :
SUPERVISORS INITIALS : JWD NOTE :

OXICITY EXTRACT, INITIAL PH	UNITS	: 7.8
OXICITY EXTRACT, FINAL PH	UNITS	: 5.0
TOXICITY CADMIUM	MG/L	: 0.01K
TOXICITY CHROMIUM	MG/L	: 0.01K
TOXICITY LEAD	MG/L	: 0.46

RECEIVED
SEP 24 1985
IEPA-DLPC

30-85

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER : D542514
SAMPLING POINT DESC. : SUMMIT/IWI INDUSTRIES (XP201)

SUBMITTING SOURCE # : SITE # :
DATE COLLECTED : 850820 TIME COLLECTED : 0930 SAMPLING PROGRAM :

COLLECTED BY : BENNING DELIVERED BY : MESS
COMMENTS : FLASH PT.,VOLS.,EXTRACTABLES
FUNDING CODE : LP42 AGENCY ROUTING : 00 UNIT CODE :
SAM TYPE CODE : SAMPLE PURPOSE CODE : 0

DATE RECEIVED : 850828 TIME RECEIVED : 1000 RECEIVED BY : SJB
LAB OBSERVATIONS : 6OZ. MISC. REPORTING INDICATOR :
SUPERVISORS INITIALS : JTH NOTE : K means "less than"

1,2-DICHLOROBENZENE	UG/G	: 100K
BIS-(2-CHLOROETHYL)ETHER	UG/G	: 100K
NITROBENZENE	UG/G	: 100K
HEXACHLOROCYCLOPENTADIENE	UG/G	: 100K
1,2,4-TRICHLOROBENZENE	UG/G	: 100K
ISOPHORONE	UG/G	: 100K
NAPHTHALENE	UG/G	: 120
METHYL NAPHTHALENE	UG/G	: 120
DIMETHYL NAPHTHALENE	UG/G	: 180
TRIMETHYL NAPHTHALENE	UG/G	: 230
HEXACHLOROCYCLOPENTADIENE	UG/G	: 100K
ACENAPHTHYLENE	UG/G	: 100K
ACENAPHTHENE	UG/G	: 100K
DIBENZOFURAN	UG/G	: 100K
FLUORENE	UG/G	: 100K
2,4-DINITROTOLUENE	UG/G	: 100K
PHENANTHRENE	UG/G	: 100K
ANTHRACENE	UG/G	: 100K
FLUORANTHENE	UG/G	: 100K
PYRENE	UG/G	: 100K
BENZIDINE	UG/G	: 100K
CHRYSENE	UG/G	: 100K
BENZO(A)ANTHRACENE	UG/G	: 100K
3,3'-DICHLOROBENZIDINE	UG/G	: 100K
2-CHLOROPHENOL	UG/G	: 100K
2-NITROPHENOL	UG/G	: 100K
PHENOL	UG/G	: 100K
DIMETHYLPHENOLS	UG/G	: 100K
2,4,6-DICHLOROPHENOL	UG/G	: 100K
2,4,6-TRICHLOROPHENOL	UG/G	: 100K
4-CHLORO-3-METHYLPHENOL	UG/G	: 100K
2,4-DINITROPHENOL	UG/G	: 100K
2-METHYL-4,6-DINITROPHENOL	UG/G	: 100K
4-NITROPHENOL	UG/G	: 100K

SAMPLE NUMBER : D542514

VINYL CHLORIDE	UG/G	: -
CHLOROETHANE	UG/G	: -
METHYLENE CHLORIDE	UG/G	: 25K
BROMOCHLOROMETHANE	UG/G	: 25K
1,1-DICHLOROETHYLENE	UG/G	: 25K
1,1-DICHLOROETHANE	UG/G	: 25K
1,2-DICHLOROETHYLENE	UG/G	: 25K
CHLOROFORM	UG/G	: 25K
1,2-DICHLOROETHANE	UG/G	: 25K
1,1,1-TRICHLOROETHANE	UG/G	: 25K
CARBON TETRACHLORIDE	UG/G	: 25K
BROMODICHLOROMETHANE	UG/G	: 25K
1,2-DICHLOROPROPANE	UG/G	: 25K
TRICHLOROETHYLENE	UG/G	: 25K
BENZENE	UG/G	: 25K
DIBROMOCHLOROMETHANE	UG/G	: 25
BROMOFORM	UG/G	: 25K
TETRACHLOROETHYLENE	UG/G	: 25K
TOLUENE	UG/G	: 150
CHLOROBENZENE	UG/G	: 25K
ETHYL BENZENE	UG/G	: 95
XYLENES	UG/G	: 400

023 : THE FOLLOWING IDENTIFICATIONS ARE TENTATIVE & QUANTITATIONS APPROXIMATE :

024 : C4-SUBSTITUTED BENZENES	UG/G	: 100
025 : C5-SUBSTITUTED BENZENES	UG/G	: 320
026 : ALIPHATIC HYDROCARBONS	UG/G	: 8900
027 : ALIPHATIC ACID ESTERS	UG/G	: 3700
028 : HEXANEDIOIC ACID,DIOCTYL ESTER	UG/G	: 2900
029 : OTHER ORGANIC COMPOUNDS	UG/G	: 12000

SAMPLE NUMBER : D542527

VINYL CHLORIDE	UG/G :	-
CHLOROETHANE	UG/G :	-
METHYLENE CHLORIDE	UG/G :	75K
BROMOCHLOROMETHANE	UG/G :	75K
1,1-DICHLOROETHYLENE	UG/G :	75K
1,1-DICHLOROETHANE	UG/G :	75K
1,2-DICHLOROETHYLENE	UG/G :	75K
CHLOROFORM	UG/G :	75K
1,2-DICHLOROETHANE	UG/G :	75K
1,1,1-TRICHLOROETHANE	UG/G :	92
CARBON TETRACHLORIDE	UG/G :	75K
BROMODICHLOROMETHANE	UG/G :	75K
1,2-DICHLOROPROPANE	UG/G :	75K
TRICHLOROETHYLENE	UG/G :	75K
BENZENE	UG/G :	75K
DIBROMOCHLOROMETHANE	UG/G :	75K
BROMOFORM	UG/G :	75K
TETRACHLOROETHYLENE	UG/G :	75K
TOLUENE	UG/G :	3200
CHLOROBENZENE	UG/G :	75K
ETHYL BENZENE	UG/G :	1300
XYLENES	UG/G :	7000

023 : THE FOLLOWING IDENTIFICATIONS ARE TENTATIVE & QUANTITATIONS APPROXIMATE :

024 : ALIPHATIC KETONES	UG/G :	200
025 : C3-SUBSTITUTED BENZENES	UG/G :	1600
026 : C4-SUBSTITUTED BENZENES	UG/G :	610
027 : ALIPHATIC HYDROCARBONS	UG/G :	11000
028 : ALIPHATIC ACID ESTERS	UG/G :	960
029 : OTHER ORGANIC COMPOUNDS	UG/G :	2600

C07485 AUG26 '85

Purpose Code 2

Program Code 42

Time Collected: 12:50 pm

Date Collected: 8/20/85

Lab # C507485

SPECIAL ANALYSIS FORM

Date Received

XS217

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit/IWI Industries, Inc.	0311740003

SOURCE OF SAMPLE: (Exact Location) See DCI Evidence Log

PHYSICAL OBSERVATIONS, REMARKS: ~~Billing Number~~

~~Twenty five day turnaround time~~

RECEIVED SEP 24 1985 ADLPC

See DCI Evidence Log

TESTS REQUESTED: SW-846 Analytical Procedures Must Be Followed

See below

COLLECTED BY: B. Benning

TRANSPORTED BY:

LABORATORY

RECEIVED BY: Leslie W Holt

DATE COMPLETED: ~~8-26-85~~

J Daugherty

DATE FORWARDED: SEP 23 1985

pH	Trichloroethylene	Ethyl Benzene
Flash Point	Methylene Chloride	Cresols
Cd 0.24	1,1,1-Trichloroethane	Cresylic Acid
Cr 0.02	Tetrachloroethylene	Nitrobenzene
Pb	Chlorobenzene	Benzene
CN	Trichlorofluoromethane	Toluene
See LIMS report	Carbontetrachloride	Xylene
Leslie W Holt	Orthodichlorobenzene	Acetone
8-26-85	Methyl Ethyl Ketone	Isobutanol
	Carbon Disulfide	Pyridine

IL 532-0314
LPC 8A 4/77

(NOT FOR DATA PROCESSING)

Environmental Protection Agency
Division of Laboratory Services
2121 W. Taylor Street
Chicago, Illinois 60612

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER : C507485
SAMPLING POINT DESC. : COOK\SUMMIT\IWI INDUSTRIES, INC. XS217

SUBMITTING SOURCE # : SITE # : 0311740003
DATE COLLECTED : 850820 TIME COLLECTED : 1250 SAMPLING PROGRAM :

COLLECTED BY : B BENNING DELIVERED BY : BB
COMMENTS : SEE DCI EVIDENCE LOG
FUNDING CODE : LP42 AGENCY ROUTING : 00 UNIT CODE :
SAM TYPE CODE : LPSP SAMPLE PURPOSE CODE : 2

DATE RECEIVED : 850826 TIME RECEIVED : 1615 RECEIVED BY : LWH
LAB OBSERVATIONS : REPORTING INDICATOR :
SUPERVISORS INITIALS : JWD NOTE :

TOXICITY EXTRACT.INITIAL PH UNITS : 7.7
TOXICITY EXTRACT.FINAL PH UNITS : 4.7
EP TOXICITY CADMIUM MG/L : 0.24
EP TOXICITY CHROMIUM MG/L : 0.02

EP TOXICITY LEAD MG/L : 0.12

RECEIVED
SEP 24 1985
IEPA-DLPC

Purpose Code 2

Program Code 42

D042532

Time Collected: 2:30 pm

Lab # D042532

SPECIAL ANALYSIS FORM

AUG 28 1985

Date Collected: 8/20/85

Date Received

XX201

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit/IWI Industries, Inc.	0311740003

SOURCE OF SAMPLE: (Exact Location) See DCI Evidence Log

PHYSICAL OBSERVATIONS, REMARKS: ~~Billing Number~~

~~Twenty five day turnaround time~~

See DCI Evidence Log

TESTS REQUESTED: SW-846 Analytical Procedures Must Be Followed

See below

COLLECTED BY: J. Maher

TRANSPORTED BY:

LABORATORY

RECEIVED BY: SS.

DATE COMPLETED:

DATE FORWARDED: 10-30-85 D Hurley

pH	Trichloroethylene	Ethyl Benzene
Flash Point	Methylene Chloride	Cresols
Cd	1,1,1-Trichlorethane	Cresylic Acid
Cr	Tetrachloroethylene	Nitrobenzene
Pb	Chlorobenzene	Benzene
CN	Trichlorofluoromethane	Toluene
	Carbontetrachloride	Xylene
	Orthodichlorobenzene	Acetone
	Methyl Ethyl Ketone	Isobutanol
	Carbon Disulfide	Pyridine

IL 532-0314
LPC 8A 4/77

(NOT FOR DATA PROCESSING)

D042532

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER : D542532
SAMPLING POINT DESC. : SUMMIT/IWI INDUSTRIES (XX201)

SUBMITTING SOURCE # : SITE # :
DATE COLLECTED : 850820 TIME COLLECTED : 1430 SAMPLING PROGRAM :

COLLECTED BY : BENNING DELIVERED BY : MESS
COMMENTS : FLASH PT.,VOLS.,EXTRACTABLES
FUNDING CODE : LP42 AGENCY ROUTING : 00 UNIT CODE :
SAM TYPE CODE : SAMPLE PURPOSE CODE : 0

DATE RECEIVED : 850828 TIME RECEIVED : 1000 RECEIVED BY : SJB
LAB OBSERVATIONS : 60%, MISC. REPORTING INDICATOR :
SUPERVISORS INITIALS : JTH NOTE :

K means "less than"

1,2-DICHLOROBENZENE	UG/G :	10K
BIS-(2-CHLOROETHYL)ETHER	UG/G :	10K
NITROBENZENE	UG/G :	10K
HEXACHLOROCYCLOPENTADIENE	UG/G :	10K
1,2,4-TRICHLOROBENZENE	UG/G :	10K
ISOPHORONE	UG/G :	10K
NAPHTHALENE	UG/G :	10K
METHYL NAPHTHALENE	UG/G :	10K
DIMETHYL NAPHTHALENE	UG/G :	10K
TRIMETHYL NAPHTHALENE	UG/G :	10K
HEXACHLOROCYCLOPENTADIENE	UG/G :	10K
ACENAPHTHYLENE	UG/G :	10K
ACENAPHTHENE	UG/G :	10K
DIBENZOFURAN	UG/G :	10K
FLUORENE	UG/G :	10K
2,4-DINITROTOLUENE	UG/G :	10K
PHENANTHRENE	UG/G :	10K
ANTHRACENE	UG/G :	10K
FLUORANTHENE	UG/G :	50
PYRENE	UG/G :	100
BENZIDINE	UG/G :	10K
CHRYSENE	UG/G :	10K
BENZO(A)ANTHRACENE	UG/G :	10K
3,3'-DICHLOROBENZIDINE	UG/G :	10K
2-CHLOROPHENOL	UG/G :	10K
2-NITROPHENOL	UG/G :	10K
PHENOL	UG/G :	10K
DIMETHYLPHENOLS	UG/G :	10K
4,6-DICHLOROPHENOL	UG/G :	10K
2,4,6-TRICHLOROPHENOL	UG/G :	10K
4-CHLORO-3-METHYLPHENOL	UG/G :	10K
2,4-DINITROPHENOL	UG/G :	10K
2-METHYL-4,6-DINITROPHENOL	UG/G :	10K
4-NITROPHENOL	UG/G :	10K

SAMPLE NUMBER : D542532

VINYL CHLORIDE	UG/G :	-
CHLOROETHANE	UG/G :	-
METHYLENE CHLORIDE	UG/G :	25K
BROMOCHLOROMETHANE	UG/G :	25K
1,1-DICHLOROETHYLENE	UG/G :	25K
1,1-DICHLOROETHANE	UG/G :	25K
1,2-DICHLOROETHYLENE	UG/G :	25K
CHLOROFORM	UG/G :	25K
1,2-DICHLOROETHANE	UG/G :	25K
1,1,1-TRICHLOROETHANE	UG/G :	25K
CARBON TETRACHLORIDE	UG/G :	25K
BROMODICHLOROMETHANE	UG/G :	25K
1,2-DICHLOROPROPANE	UG/G :	25K
TRICHLOROETHYLENE	UG/G :	25K
BENZENE	UG/G :	25K
DIBROMOCHLOROMETHANE	UG/G :	25K
BROMOFORM	UG/G :	25K
TETRACHLOROETHYLENE	UG/G :	25K
TOLUENE	UG/G :	120
CHLOROBENZENE	UG/G :	25K
ETHYL BENZENE	UG/G :	2000
XYLENES	UG/G :	16000

023 : THE FOLLOWING IDENTIFICATIONS ARE TENTATIVE & QUANTITATIONS APPROXIMATE :

024 : ALIPHATIC KETONES	UG/G :	250
025 : C3-SUBSTITUTED BENZENES	UG/G :	36000
026 : C4-SUBSTITUTED BENZENES	UG/G :	7900
027 : INDENES	UG/G :	620
028 : OTHER ORGANIC COMPOUNDS	UG/G :	24000

Purpose Code 2
Program Code 42
Time Collected: 2:37pm
Date Collected: 8/20/85

D042533

Lab # D042533

SPECIAL ANALYSIS FORM

Date Received AUG 28 1985

XX203

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit/IWI Industries, Inc.	0311740003

SOURCE OF SAMPLE: (Exact Location) See DCI Evidence Log

PHYSICAL OBSERVATIONS, REMARKS: ~~Billing Number~~
~~Twenty five day turnaround time~~

See DCI Evidence Log

TESTS REQUESTED: SW-846 Analytical Procedures Must Be Followed
See below

COLLECTED BY: J. Mahew TRANSPORTED BY:

LABORATORY

RECEIVED BY: SB. DATE COMPLETED: DATE FORWARDED: 10-30-85 J. Hurley

pH	Trichloroethylene	Ethyl Benzene
Flash Point	Methylene Chloride	Cresols
Cd	1,1,1-Trichlorethane	Cresylic Acid
Cr	Tetrachloroethylene	Nitrobenzene
Pb	Chlorobenzene	Benzene
CN	Trichlorofluoromethane	Toluene
	Carbontetrachloride	Xylene
	Orthodichlorobenzene	Acetone
	Methyl Ethyl Ketone	Isobutanol
	Carbon Disulfide	Pyridine

IL 532-0314
LPC 8A 4/77

(NOT FOR DATA PROCESSING)

D042533

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER : D542533
SAMPLING POINT DESC. : SUMMIT/IWI INDUSTRIES (XX203)

SUBMITTING SOURCE # : SITE # :
DATE COLLECTED : 850820 TIME COLLECTED : 1437 SAMPLING PROGRAM :

COLLECTED BY : BENNING DELIVERED BY : MESS
COMMENTS : FLASH PT.,VOLS.,EXTRACTABLES
FUNDING CODE : LP42 AGENCY ROUTING : 00 UNIT CODE :
SAM TYPE CODE : SAMPLE PURPOSE CODE : 0

DATE RECEIVED : 850828 TIME RECEIVED : 1000 RECEIVED BY : SJB
LAB OBSERVATIONS : 6OZ. MISC. REPORTING INDICATOR :
SUPERVISORS INITIALS : JTH NOTE :

K means "less than"

1,2-DICHLOROBENZENE	UG/G :	100K
BIS-(2-CHLOROETHYL)ETHER	UG/G :	100K
NITROBENZENE	UG/G :	100K
HEXACHLOROCYCLOPENTADIENE	UG/G :	100K
1,2,4-TRICHLOROBENZENE	UG/G :	100K
ISOPHORONE	UG/G :	100K
NAPHTHALENE	UG/G :	260
METHYL NAPHTHALENE	UG/G :	110
DIMETHYL NAPHTHALENE	UG/G :	220
TRIMETHYL NAPHTHALENE	UG/G :	290
HEXACHLOROCYCLOPENTADIENE	UG/G :	100K
ACENAPHTHYLENE	UG/G :	100K
ACENAPHTHENE	UG/G :	100K
DIBENZOFURAN	UG/G :	100K
FLUORENE	UG/G :	100K
2,4-DINITROTOLUENE	UG/G :	100K
PHENANTHRENE	UG/G :	-
ANTHRACENE	UG/G :	180
FLUORANTHENE	UG/G :	100K
PYRENE	UG/G :	100K
BENZIDINE	UG/G :	100K
CHRYSENE	UG/G :	100K
BENZO(A)ANTHRACENE	UG/G :	100K
3,3'-DICHLOROBENZIDINE	UG/G :	100K
2-CHLOROPHENOL	UG/G :	100K
2-NITROPHENOL	UG/G :	100K
PHENOL	UG/G :	100K
DIMETHYLPHENOLS	UG/G :	100K
2,4,6-DICHLOROPHENOL	UG/G :	100K
2,4,6-TRICHLOROPHENOL	UG/G :	100K
4-CHLORO-3-METHYLPHENOL	UG/G :	100K
2,4-DINITROPHENOL	UG/G :	100K
2-METHYL-4,6-DINITROPHENOL	UG/G :	100K
4-NITROPHENOL	UG/G :	100K

SAMPLE NUMBER : D542533

VINYL CHLORIDE	UG/G :	-
CHLOROETHANE	UG/G :	-
METHYLENE CHLORIDE	UG/G :	25K
BROMOCHLOROMETHANE	UG/G :	25K
1,1-DICHLOROETHYLENE	UG/G :	25K
1,1-DICHLOROETHANE	UG/G :	25K
1,2-DICHLOROETHYLENE	UG/G :	25K
CHLOROFORM	UG/G :	25K
1,2-DICHLOROETHANE	UG/G :	25K
1,1,1-TRICHLOROETHANE	UG/G :	25K
CARBON TETRACHLORIDE	UG/G :	25K
BROMODICHLOROMETHANE	UG/G :	25K
1,2-DICHLOROPROPANE	UG/G :	25K
TRICHLOROETHYLENE	UG/G :	25K
BENZENE	UG/G :	25K
DIBROMOCHLOROMETHANE	UG/G :	25K
BROMOFORM	UG/G :	25K
TETRACHLOROETHYLENE	UG/G :	25K
TOLUENE	UG/G :	2400
CHLOROBENZENE	UG/G :	25K
THYL BENZENE	UG/G :	1000
XYLENES	UG/G :	4500

023 : THE FOLLOWING IDENTIFICATIONS ARE TENTATIVE & QUANTITATIONS APPROXIMATE :

024 :	C3-SUBSTITUTED BENZENES	UG/G :	510
025 :	C4-SUBSTITUTED BENZENES	UG/G :	1600
026 :	C5-SUBSTITUTED BENZENES	UG/G :	200
027 :	METHYL INDENES	UG/G :	180
028 :	ALIPHATIC HYDROCARBONS	UG/G :	13000
029 :	ALIPHATIC ACID ESTERS	UG/G :	3300
030 :	OTHEER ORGANIC COMPOUNDS	UG/G :	16000

Purpose Code 2
Program Code 42
Time Collected: 9:30am
Date Collected: 8/20/85

C07473 AUG26 85

Lab # C507473

SPECIAL ANALYSIS FORM

Date Received

XP201

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit/IWI Industries, Inc.	0311740003

SOURCE OF SAMPLE: (Exact Location) See DCI Evidence Log

PHYSICAL OBSERVATIONS, REMARKS: ~~Billing Number~~

~~Twenty five day turnaround time~~

~~RECEIVED SEP 24 1985 IEPA-DLPC~~

See DCI Evidence Log

TESTS REQUESTED: SW-846 Analytical Procedures Must Be Followed

See below

COLLECTED BY: B. Benning

TRANSPORTED BY:

LABORATORY

RECEIVED BY: Julie W Holt

DATE COMPLETED: ~~8-26-85~~

J Daugherty

DATE FORWARDED: SEP. 23. 1985

pH	Trichloroethylene	Ethyl Benzene
Flash Point	Methylene Chloride	Cresols
Cd	1,1,1-Trichloroethane	Cresylic Acid
Cr 0.98	Tetrachloroethylene	Nitrobenzene
Pb 2.63	Chlorobenzene	Benzene
CN	Trichlorofluoromethane	Toluene
See LIMS report	Carbon tetrachloride	Xylene
Julie W Holt	Orthodichlorobenzene	Acetone
8-26-85	Methyl Ethyl Ketone	Isobutanol
	Carbon Disulfide	Pyridine

IL 532-0314
LPC 8A 4/77

(NOT FOR DATA PROCESSING)

Environmental Protection Agency
Division of Laboratory Services
2121 W. Taylor Street

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER : C507473
SAMPLING POINT DESC. : COOK\SUMMIT\IWI INDUSTRIES, INC. XP201

SUBMITTING SOURCE # : SITE # : 0311740003
DATE COLLECTED : 850820 TIME COLLECTED : 0930 SAMPLING PROGRAM :

COLLECTED BY : B BENNING DELIVERED BY : BB
COMMENTS : SEE DCI EVIDENCE LOG
FUNDING CODE : LP42 AGENCY ROUTING : 00 UNIT CODE :
SAM TYPE CODE : LPSP SAMPLE PURPOSE CODE : 2

DATE RECEIVED : 850826 TIME RECEIVED : 1615 RECEIVED BY : LWH
LAB OBSERVATIONS : REPORTING INDICATOR :
SUPERVISORS INITIALS : JWD NOTE :

PH,SW846 METHOD 9040 UNITS : 7.1
CADMIUM,SW846 METHOD 7130 UG/L : 155
CHROMIUM,SW846 MET 7190 UG/L : 980
LEAD,SW846 METHOD 7420 UG/L : 25625

FLASH POINT,CLOSED CUP DEG.F :
002 : NO FLASH POINT DETECTED UP TO TEMP. 200 DEG. F.

RECEIVED
SEP 24 1985
IEPA-DLPC

Purpose Code 2

Program Code 42

Time Collected: 9:35am

Date Collected: 8/20/85

Lab # C07474 AUG26'85 C507474

SPECIAL ANALYSIS FORM

XP202

Date Received

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit/IWI Industries, Inc.	0311740003

SOURCE OF SAMPLE: (Exact Location) See DCI Evidence Log

PHYSICAL OBSERVATIONS, REMARKS: ~~Billing Number~~

~~Twenty five day turnaround time~~

RECEIVED SEP 24 1985 IEPA-DLPC

See DCI Evidence Log

TESTS REQUESTED: SW-846 Analytical Procedures Must Be Followed

See below

COLLECTED BY: B. Banning

TRANSPORTED BY:

LABORATORY

RECEIVED BY: Lulu W Holt

DATE COMPLETED: ~~8-26-85~~

Daugherty

DATE FORWARDED: SEP. 23. 1985

pH	Trichloroethylene	Ethyl Benzene
Flash Point: 111°F	Methylene Chloride	Cresols
Cd 0.16	1,1,1-Trichlorethane	Cresylic Acid
Cr 0.20	Tetrachloroethylene	Nitrobenzene
Pb	Chlorobenzene	Benzene
CN	Trichlorofluoromethane	Toluene
See LIMS report	Carbon tetrachloride	Xylene
Lulu W Holt 8-26-85	Orthodichlorobenzene	Acetone
	Methyl Ethyl Ketone	Isobutanol
	Carbon Disulfide	Pyridine

IL 532-0314
LPC 8A 4/77

(NOT FOR DATA PROCESSING)

Environmental Protection Agency
Div... Laboratory Services
2121 W. Taylor Street
Chicago, Illinois 60612

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER : C507474
SAMPLING POINT DESC. : COOK\SUMMIT\IWI INDUSTRIES, INC. XP202

SUBMITTING SOURCE # : SITE # : 0311740003
DATE COLLECTED : 850820 TIME COLLECTED : 0935 SAMPLING PROGRAM :

COLLECTED BY : B BENNING DELIVERED BY : BB
COMMENTS : SEE DCI EVIDENCE LOG
FUNDING CODE : LP42 AGENCY ROUTING : 00 UNIT CODE :
SAM TYPE CODE : LPSP SAMPLE PURPOSE CODE : 2

DATE RECEIVED : 850826 TIME RECEIVED : 1615 RECEIVED BY : LWH
LAB OBSERVATIONS : REPORTING INDICATOR :
SUPERVISORS INITIALS : JWD NOTE :

TOXICITY EXTRACT.INITIAL PH UNITS : 8.0
TOXICITY EXTRACT.FINAL PH UNITS : 5.1
EP TOXICITY CADMIUM MG/L : 0.16
EP TOXICITY CHROMIUM MG/L : 0.20

EP TOXICITY LEAD MG/L : 1.96
FLASH POINT.CLOSED CUP DEG.F : 111

RECE
SEP 24 1985
IEPA-DLPC

Purpose Code 2

Program Code 42

Time Collected: 9:35am

Date Collected: 8/20/85

0042515

Lab # 0042515

SPECIAL ANALYSIS FORM

Date Received AUG. 28 8985

XP202

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit/IWI Industries, Inc.	0311740003

SOURCE OF SAMPLE: (Exact Location) See DCI Evidence Log

PHYSICAL OBSERVATIONS, REMARKS: ~~Billing Number~~

~~Twenty five day turnaround time~~

See DCI Evidence Log

TESTS REQUESTED: SW-846 Analytical Procedures Must Be Followed

See below

COLLECTED BY: B. Benning TRANSPORTED BY:

LABORATORY

RECEIVED BY: S.B. DATE COMPLETED: DATE FORWARDED: 10-30-85 J. Hurley

pH	Trichloroethylene	Ethyl Benzene
Flash Point	Methylene Chloride	Cresols
Cd	1,1,1-Trichlorethane	Cresylic Acid
Cr	Tetrachloroethylene	Nitrobenzene
Pb	Chlorobenzene	Benzene
CN	Trichlorofluoromethane	Toluene
	Carbontetrachloride	Xylene
	Orthodichlorobenzene	Acetone
	Methyl Ethyl Ketone	Isobutanol
	Carbon Disulfide	Pyridine

IL 532-0314
LPC 8A 4/77

(NOT FOR DATA PROCESSING)

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER : D542515
SAMPLING POINT DESC. : SUMMIT/IWI INDUSTRIES (XP202)

SUBMITTING SOURCE # : SITE # :
DATE COLLECTED : 850820 TIME COLLECTED : 0935 SAMPLING PROGRAM :

COLLECTED BY : BENNING DELIVERED BY : MESS
COMMENTS : FLASH PT.,VOLS.,EXTRACTABLES
FUNDING CODE : LP42 AGENCY ROUTING : 00 UNIT CODE :
SAM TYPE CODE : SAMPLE PURPOSE CODE : 0

DATE RECEIVED : 850828 TIME RECEIVED : 1000 RECEIVED BY : SJB
LAB OBSERVATIONS : 6OZ. MISC. REPORTING INDICATOR :
SUPERVISORS INITIALS : JTH NOTE :

K means "less than"

1,2-DICHLOROBENZENE	UG/G	: 50K
BIS-(2-CHLOROETHYL)ETHER	UG/G	: 50K
NITROBENZENE	UG/G	: 50K
HEXACHLOROCYCLOPENTADIENE	UG/G	: 50K
1,2,4-TRICHLOROBENZENE	UG/G	: 50K
ISOPHORONE	UG/G	: 50K
NAPHTHALENE	UG/G	: 540
METHYL NAPHTHALENE	UG/G	: 150
DIMETHYL NAPHTHALENE	UG/G	: 120
TRIMETHYL NAPHTHALENE	UG/G	: 170
HEXACHLOROCYCLOPENTADIENE	UG/G	: 50K
ACENAPHTHYLENE	UG/G	: 50K
ACENAPHTHENE	UG/G	: 50K
DIBENZOFURAN	UG/G	: 50K
FLUORENE	UG/G	: 50K
2,4-DINITROTOLUENE	UG/G	: 50K
PHENANTHRENE	UG/G	: 50K
ANTHRACENE	UG/G	: 50K
FLUORANTHENE	UG/G	: 50K
PYRENE	UG/G	: 50K
BENZIDINE	UG/G	: 50K
CHRYSENE	UG/G	: 50K
BENZO(A)ANTHRACENE	UG/G	: 50K
3,3'-DICHLOROBENZIDINE	UG/G	: 50K
2-CHLOROPHENOL	UG/G	: 50K
2-NITROPHENOL	UG/G	: 50K
PHENOL	UG/G	: 50K
DIMETHYLPHENOLS	UG/G	: 50K
2,4,6-DICHLOROPHENOL	UG/G	: 50K
2,4,6-TRICHLOROPHENOL	UG/G	: 50K
4-CHLORO-3-METHYLPHENOL	UG/G	: 50K
2,4-DINITROPHENOL	UG/G	: 50K
2-METHYL-4,6-DINITROPHENOL	UG/G	: 50K
4-NITROPHENOL	UG/G	: 50K

SAMPLE NUMBER : D542515

VINYL CHLORIDE	UG/G	: -
CHLOROETHANE	UG/G	: -
METHYLENE CHLORIDE	UG/G	: 25K
BROMOCHLOROMETHANE	UG/G	: 25K
1,1-DICHLOROETHYLENE	UG/G	: 25K
1,1-DICHLOROETHANE	UG/G	: 25K
1,2-DICHLOROETHYLENE	UG/G	: 25K
CHLOROFORM	UG/G	: 25K
1,2-DICHLOROETHANE	UG/G	: 25K
1,1,1-TRICHLOROETHANE	UG/G	: 25K
CARBON TETRACHLORIDE	UG/G	: 25K
BROMODICHLOROMETHANE	UG/G	: 25K
1,2-DICHLOROPROPANE	UG/G	: 25K
TRICHLOROETHYLENE	UG/G	: 25K
BENZENE	UG/G	: 25K
DIBROMOCHLOROMETHANE	UG/G	: 25K
BROMOFORM	UG/G	: 25K
TETRACHLOROETHYLENE	UG/G	: 25K
TOLUENE	UG/G	: 1200
CHLOROBENZENE	UG/G	: 25K
ETHYL BENZENE	UG/G	: 720
XYLENES	UG/G	: 2700

023 : THE FOLLOWING IDENTIFICATIONS ARE TENTATIVE & QUANTITATIONS APPROXIMATE :

024 : ACETONE	UG/G	: 62
025 : C3-SUBSTITUTED BENZENES	UG/G	: 2000
026 : C4-SUBSTITUTED BENZENES	UG/G	: 2500
027 : C5-SUBSTITUTED BENZENES	UG/G	: 740
028 : METHYL INDENES	UG/G	: 390
029 : ALIPHATIC HYDROCARBONS	UG/G	: 21000
030 : HEXANEOIC ACID,DIOCTYL ESTER	UG/G	: 2700
031 : OTHER ORGANIC COMPOUNDS	UG/G	: 7100

D042524

Purpose Code 2

Program Code 42

Time Collected: 1:07 pm

Date Collected: 8/20/85

Lab # D042524

SPECIAL ANALYSIS FORM

Date Received AUG 28 1985

XP204

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit/IWI Industries, Inc.	0311740003

SOURCE OF SAMPLE: (Exact Location) See DCI Evidence Log

PHYSICAL OBSERVATIONS, REMARKS: ~~Billing Number~~

~~Twenty five day turnaround time~~

See DCI Evidence Log

TESTS REQUESTED: SW-846 Analytical Procedures Must Be Followed

See below

COLLECTED BY: G. Bruni

TRANSPORTED BY:

LABORATORY

RECEIVED BY: SB

DATE COMPLETED:

DATE FORWARDED: 10-30-85 Hurley

pH	Trichloroethylene	Ethyl Benzene
Flash Point	Methylene Chloride	Cresols
Cd	1,1,1-Trichlorethane	Cresylic Acid
Cr	Tetrachloroethylene	Nitrobenzene
Pb	Chlorobenzene	Benzene
CN	Trichlorofluoromethane	Toluene
	Carbontetrachloride	Xylene
	Orthodichlorobenzene	Acetone
	Methyl Ethyl Ketone	Isobutanol
	Carbon Disulfide	Pyridine

IL 532-0314
LPC 8A 4/77

(NOT FOR DATA PROCESSING)

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER : D542524
SAMPLING POINT DESC. : SUMMIT/IWI INDUSTRIES (XP204)

SUBMITTING SOURCE # : SITE # :
DATE COLLECTED : 850820 TIME COLLECTED : 1307 SAMPLING PROGRAM :

COLLECTED BY : BENNING DELIVERED BY : MESS
COMMENTS : FLASH PT.,VOLS.,EXTRACTABLES
FUNDING CODE : LP42 AGENCY ROUTING : 00 UNIT CODE :
SAM TYPE CODE : SAMPLE PURPOSE CODE : 0

DATE RECEIVED : 850828 TIME RECEIVED : 1000 RECEIVED BY : SJB
LAB OBSERVATIONS : 6OZ. MISC. REPORTING INDICATOR :
SUPERVISORS INITIALS : JTH NOTE :

K means "less than"

1,2-DICHLOROBENZENE	UG/G	100K
BIS-(2-CHLOROETHYL)ETHER	UG/G	100K
NITROBENZENE	UG/G	100K
HEXACHLOROCYCLOPENTADIENE	UG/G	100K
1,2,4-TRICHLOROBENZENE	UG/G	100K
ISOPHORONE	UG/G	100K
NAPHTHALENE	UG/G	280
METHYL NAPHTHALENE	UG/G	100K
DIMETHYL NAPHTHALENE	UG/G	100K
TRIMETHYL NAPHTHALENE	UG/G	100K
HEXACHLOROCYCLOPENTADIENE	UG/G	100K
ACENAPHTHYLENE	UG/G	100K
ACENAPHTHENE	UG/G	100K
DIBENZOFURAN	UG/G	100K
FLUORENE	UG/G	100K
2,4-DINITROTOLUENE	UG/G	100K
PHENANTHRENE	UG/G	100K
ANTHRACENE	UG/G	100K
FLUORANTHENE	UG/G	100K
PYRENE	UG/G	100K
BENZIDINE	UG/G	100K
CHRYSENE	UG/G	100K
BENZO(A)ANTHRACENE	UG/G	100K
3,3'-DICHLOROBENZIDINE	UG/G	100K
2-CHLOROPHENOL	UG/G	100K
2-NITROPHENOL	UG/G	100K
PHENOL	UG/G	100K
DIMETHYLPHENOLS	UG/G	100K
2,4,6-DICHLOROPHENOL	UG/G	100K
2,4,6-TRICHLOROPHENOL	UG/G	100K
4-CHLORO-3-METHYLPHENOL	UG/G	100K
2,4-DINITROPHENOL	UG/G	100K
2-METHYL-4,6-DINITROPHENOL	UG/G	100K
4-NITROPHENOL	UG/G	100K

SAMPLE NUMBER : D542524

VINYL CHLORIDE	UG/G	: -
CHLOROETHANE	UG/G	: -
METHYLENE CHLORIDE	UG/G	: 25K
BROMOCHLOROMETHANE	UG/G	: 25K
1,1-DICHLOROETHYLENE	UG/G	: 25K
1,1-DICHLOROETHANE	UG/G	: 25K
1,2-DICHLOROETHYLENE	UG/G	: 25K
CHLOROFORM	UG/G	: 25K
1,2-DICHLOROETHANE	UG/G	: 25K
1,1,1-TRICHLOROETHANE	UG/G	: 25K
CARBON TETRACHLORIDE	UG/G	: 25K
BROMODICHLOROMETHANE	UG/G	: 25K
1,2-DICHLOROPROPANE	UG/G	: 25K
TRICHLOROETHYLENE	UG/G	: 25K
BENZENE	UG/G	: 25K
DIBROMOCHLOROMETHANE	UG/G	: 25K
BROMOFORM	UG/G	: 25K
TETRACHLOROETHYLENE	UG/G	: 25K
TOLUENE	UG/G	: 2200
CHLOROBENZENE	UG/G	: 25K
ETHYL BENZENE	UG/G	: 4200
XYLENES	UG/G	: 35000

023 : THE FOLLOWING IDENTIFICATIONS ARE TENTATIVE & QUANTITATIONS APPROXIMATE :

024 : C3-SUBSTITUTED BENZENES	UG/G	: 150000
025 : C4-SUBSTITUTED BENZENES	UG/G	: 18000
026 : C5-SUBSTITUTED BENZENES	UG/G	: 500
027 : METHYL INDENES	UG/G	: 300
028 : ISOBENZOFURANDIONE	UG/G	: 4500
029 : ALIPHATIC HYDROCARBONS	UG/G	: 44000
030 : OTHER ORGANIC COMPOUNDS	UG/G	: 22000

Purpose Code 2

Program Code 42

C07482 AUG26'85

Time Collected: 1:07 pm

Lab # C507482

SPECIAL ANALYSIS FORM

Date Collected: 8/20/85

Date Received

XP204

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit/IWI Industries, Inc.	0311740003

SOURCE OF SAMPLE: (Exact Location) See DCI Evidence Log

PHYSICAL OBSERVATIONS, REMARKS: ~~Billing Number~~

~~Twenty five day turnaround time~~

RECEIVED SEP 24 1985 IEPA-DLPC

See DCI Evidence Log

TESTS REQUESTED: SW-846 Analytical Procedures Must Be Followed

See below

COLLECTED BY: G. Bruni

TRANSPORTED BY:

LABORATORY

RECEIVED BY: Zulu W Holt

DATE COMPLETED: ~~8-20-85~~

J Daugherty

DATE FORWARDED: SEP. 23. 1985

pH	Trichloroethylene	Ethyl Benzene
Flash Point: 94°F	Methylene Chloride	Cresols
Cd	1,1,1-Trichloroethane	Cresylic Acid
Cr	Tetrachloroethylene	Nitrobenzene
Pb	Chlorobenzene	Benzene
CN	Trichlorofluoromethane	Toluene
see LIMS report	Carbontetrachloride	Xylene
Zulu W Holt	Orthodichlorobenzene	Acetone
8-26-85	Methyl Ethyl Ketone	Isobutanol
	Carbon Disulfide	Pyridine

IL 532-0314
LPC 8A 4/77

(NOT FOR DATA PROCESSING)

Environmental Protection Agency
Division of Laboratory Services
2121 W. Taylor Street
Chicago, Illinois 60612

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER : C507482
SAMPLING POINT DESC. : COOK\SUMMIT\IWI INDUSTRIES, INC. XP204

SUBMITTING SOURCE # : SITE # : 0311740003
DATE COLLECTED : 850820 TIME COLLECTED : 1307 SAMPLING PROGRAM :

COLLECTED BY : G BRUNI DELIVERED BY : GB
COMMENTS : SEE DCI EVIDENCE LOG
FUNDING CODE : LP42 AGENCY ROUTING : 00 UNIT CODE :
SAM TYPE CODE : LPSP SAMPLE PURPOSE CODE : 2

DATE RECEIVED : 850826 TIME RECEIVED : 1615 RECEIVED BY : LWH
LAB OBSERVATIONS : LIQUID/ORG.MATRIX REPORTING INDICATOR :
SUPERVISORS INITIALS : JWD NOTE :

FLASH POINT,CLOSED CUP DEG.F : 94

RECEIVED
SEP 3 4 1985
IEPA-DLPC

Purpose Code 2

Program Code 42

Time Collected: 1:05 pm

Date Collected: 8/20/85

D042525

Lab # D042525

SPECIAL ANALYSIS FORM

Date Received AUG 28 1985

XP205

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit/IWI Industries, Inc.	0311740003

SOURCE OF SAMPLE: (Exact Location) See DCI Evidence Log

PHYSICAL OBSERVATIONS, REMARKS: ~~Billing Number~~

~~Twenty five day turnaround time~~

See DCI Evidence Log

TESTS REQUESTED: SW-846 Analytical Procedures Must Be Followed

See below

COLLECTED BY: B. Benning

TRANSPORTED BY:

LABORATORY

RECEIVED BY: S B.

DATE COMPLETED:

DATE FORWARDED: 10-30-85 J Hurley

pH	Trichloroethylene	Ethyl Benzene
Flash Point	Methylene Chloride	Cresols
Cd	1,1,1-Trichlorethane	Cresylic Acid
Cr	Tetrachloroethylene	Nitrobenzene
Pb	Chlorobenzene	Benzene
CN	Trichlorofluoromethane	Toluene
	Carbontetrachloride	Xylene
	Orthodichlorobenzene	Acetone
	Methyl Ethyl Ketone	Isobutanol
	Carbon Disulfide	Pyridine

IL 532-0314
LPC 8A 4/77

(NOT FOR DATA PROCESSING)

D042525

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER : D542525
SAMPLING POINT DESC. : SUMMIT/IWI INDUSTRIES (XP205)

SUBMITTING SOURCE # : SITE # :
DATE COLLECTED : 850820 TIME COLLECTED : 1305 SAMPLING PROGRAM :

COLLECTED BY : BENNING DELIVERED BY : MESS
COMMENTS : FLASH PT.,VOLS.,EXTRACTABLES
FUNDING CODE : LP42 AGENCY ROUTING : 00 UNIT CODE :
SAM TYPE CODE : SAMPLE PURPOSE CODE : 0

DATE RECEIVED : 850828 TIME RECEIVED : 1000 RECEIVED BY : SJB
LAB OBSERVATIONS : 60% MISC. REPORTING INDICATOR :
SUPERVISORS INITIALS : JTH NOTE :

K means "less than"

1,2-DICHLOROBENZENE	UG/G	100K
BIS-(2-CHLOROETHYL)ETHER	UG/G	100K
NITROBENZENE	UG/G	100K
HEXACHLOROCYCLOPENTADIENE	UG/G	100K
1,2,4-TRICHLOROBENZENE	UG/G	100K
ISOPHORONE	UG/G	100K
NAPHTHALENE	UG/G	300
METHYL NAPHTHALENE	UG/G	100K
DIMETHYL NAPHTHALENE	UG/G	100K
TRIMETHYL NAPHTHALENE	UG/G	100K
HEXACHLOROCYCLOPENTADIENE	UG/G	100K
ACENAPHTHYLENE	UG/G	100K
ACENAPHTHENE	UG/G	100K
DIBENZOFURAN	UG/G	100K
FLUORENE	UG/G	100K
2,4-DINITROTOLUENE	UG/G	100K
PHENANTHRENE	UG/G	100K
ANTHRACENE	UG/G	100K
FLUORANTHENE	UG/G	100K
PYRENE	UG/G	100K
BENZIDINE	UG/G	100K
CHRYSENE	UG/G	100K
BENZO(A)ANTHRACENE	UG/G	100K
3,3'-DICHLOROBENZIDINE	UG/G	100K
2-CHLOROPHENOL	UG/G	100K
2-NITROPHENOL	UG/G	100K
PHENOL	UG/G	100K
DIMETHYLPHENOLS	UG/G	100K
2,4,6-DICHLOROPHENOL	UG/G	100K
2,4,6-TRICHLOROPHENOL	UG/G	100K
4-CHLORO-3-METHYLPHENOL	UG/G	100K
2,4-DINITROPHENOL	UG/G	100K
2-METHYL-4,6-DINITROPHENOL	UG/G	100K
4-NITROPHENOL	UG/G	100K

SAMPLE NUMBER : D542525

VINYL CHLORIDE	UG/G :	-
CHLOROETHANE	UG/G :	-
METHYLENE CHLORIDE	UG/G :	95
BROMOCHLOROMETHANE	UG/G :	25K
1,1-DICHLOROETHYLENE	UG/G :	25K
1,1-DICHLOROETHANE	UG/G :	25K
1,2-DICHLOROETHYLENE	UG/G :	25K
CHLOROFORM	UG/G :	25K
1,2-DICHLOROETHANE	UG/G :	25K
1,1,1-TRICHLOROETHANE	UG/G :	25K
CARBON TETRACHLORIDE	UG/G :	25K
BROMODICHLOROMETHANE	UG/G :	25K
1,2-DICHLOROPROPANE	UG/G :	25K
TRICHLOROETHYLENE	UG/G :	25K
BENZENE	UG/G :	25K
DIBROMOCHLOROMETHANE	UG/G :	25K
BROMOFORM	UG/G :	25K
TETRACHLOROETHYLENE	UG/G :	25K
TOLUENE	UG/G :	2300
CHLOROBENZENE	UG/G :	25K
ETHYL BENZENE	UG/G :	4500
XYLENES	UG/G :	36000

023 : THE FOLLOWING IDENTIFICATIONS ARE TENTATIVE & QUANTITATIONS APPROXIMATE :

024 : ALIPHATIC KETONES	UG/G :	250
025 : C3-SUBSTITUTED BENZENES	UG/G :	150000
026 : C4-SUBSTITUTED BENZENES	UG/G :	20000
027 : C5-SUBSTITUTED BENZENES	UG/G :	190
028 : INDENES	UG/G :	2500
029 : METHYL INDENES	UG/G :	320
030 : ISOBENZOFURANDIONE	UG/G :	4000
031 : ALIPHATIC HYDROCARBONS	UG/G :	34000
032 : OTHER ORGANIC COMPOUNDS	UG/G :	21000

Purpose Code 2

Program Code 42

Time Collected: 1:05 pm

Date Collected: 8/20/85

C07483 AUG26 85

Lab # C507483

SPECIAL ANALYSIS FORM

Date Received

XP205

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit/IWI Industries, Inc.	0311740003

SOURCE OF SAMPLE: (Exact Location) See DCI Evidence Log

PHYSICAL OBSERVATIONS, REMARKS: ~~Billing Number~~

~~Twenty five day turnaround time~~

RECEIVED SEP 24 1985 IEPA-DLPC

See DCI Evidence Log

TESTS REQUESTED: SW-846 Analytical Procedures Must Be Followed

See below

COLLECTED BY: B. Benning

TRANSPORTED BY: J Daugherty

LABORATORY

RECEIVED BY: Leslie W Holt

DATE COMPLETED: ~~8-26-85~~

DATE FORWARDED: SEP. 23. 1985

pH	Trichloroethylene	Ethyl Benzene
Flash Point: 95°F	Methylene Chloride	Cresols
Cd	1,1,1 Trichloroethane	Cresylic Acid
Cr	Tetrachloroethylene	Nitrobenzene
Pb	Chlorobenzene	Benzene
Cu	Trichlorofluoromethane	Toluene
	Carbon tetrachloride	Xylene
	Orthodichlorobenzene	Acetone
	Methyl Ethyl Ketone	Isobutanol
	Carbon Disulfide	Pyridine

see LIMS report

Leslie W Holt

8-26-85

IL 532-0314
LPC 8A 4/77

(NOT FOR DATA PROCESSING)

Environmental Protection Agency
Division of Laboratory Services
2121 W. Taylor Street

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER : C507483
SAMPLING POINT DESC. : COOK\SUMMIT\IWI INDUSTRIES, INC. XP205

SUBMITTING SOURCE # : SITE # : 0311740003
DATE COLLECTED : 850820 TIME COLLECTED : 1305 SAMPLING PROGRAM :

COLLECTED BY : B BENNING DELIVERED BY : BB
COMMENTS : SEE DCI EVIDENCE LOG
FUNDING CODE : LP42 AGENCY ROUTING : 00 UNIT CODE :
SAM TYPE CODE : LPSP SAMPLE PURPOSE CODE : 2

DATE RECEIVED : 850826 TIME RECEIVED : 1615 RECEIVED BY : LWH
LAB OBSERVATIONS : LIQUID/ORG.MATRIX REPORTING INDICATOR :
SUPERVISORS INITIALS : JWD NOTE :

FLASH POINT,CLOSED CUP DEG.F : 95

RECEIVED
SEP 24 1985
EPA-DLPC

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER : D542526
SAMPLING POINT DESC. : SUMMIT/IWI INDUSTRIES (XP207)

SUBMITTING SOURCE # : SITE # :
DATE COLLECTED : 850820 TIME COLLECTED : 1320 SAMPLING PROGRAM :

COLLECTED BY : BENNING DELIVERED BY : MESS
COMMENTS : FLASH PT.,VOLS.,EXTRACTABLES
FUNDING CODE : LP42 AGENCY ROUTING : 00 UNIT CODE :
SAM TYPE CODE : SAMPLE PURPOSE CODE : 0

DATE RECEIVED : 850828 TIME RECEIVED : 1000 RECEIVED BY : SJB
LAB OBSERVATIONS : 6OZ. MISC. REPORTING INDICATOR :
SUPERVISORS INITIALS : JTH NOTE :

K means "less than"

1,2-DICHLOROBENZENE	UG/G :	100K
BIS-(2-CHLOROETHYL)ETHER	UG/G :	100K
NITROBENZENE	UG/G :	100K
HEXACHLOROCYCLOPENTADIENE	UG/G :	100K
1,2,4-TRICHLOROBENZENE	UG/G :	100K
ISOPHORONE	UG/G :	100K
NAPHTHALENE	UG/G :	1600
METHYL NAPHTHALENE	UG/G :	120
DIMETHYL NAPHTHALENE	UG/G :	100K
TRIMETHYL NAPHTHALENE	UG/G :	100K
HEXACHLOROCYCLOPENTADIENE	UG/G :	100K
ACENAPHTHYLENE	UG/G :	100K
ACENAPHTHENE	UG/G :	100K
DIBENZOFURAN	UG/G :	100K
FLUORENE	UG/G :	100K
2,4-DINITROTOLUENE	UG/G :	100K
PHENANTHRENE	UG/G :	100K
ANTHRACENE	UG/G :	100K
FLUORANTHENE	UG/G :	100K
PYRENE	UG/G :	100K
BENZIDINE	UG/G :	100K
CHRYSENE	UG/G :	100K
BENZO(A)ANTHRACENE	UG/G :	100K
3,3'-DICHLOROBENZIDINE	UG/G :	100K
2-CHLOROPHENOL	UG/G :	100K
2-NITROPHENOL	UG/G :	100K
PHENOL	UG/G :	100K
DIMETHYLPHENOLS	UG/G :	100K
2,4,6-DICHLOROPHENOL	UG/G :	100K
2,4,6-TRICHLOROPHENOL	UG/G :	100K
4-CHLORO-3-METHYLPHENOL	UG/G :	100K
2,4-DINITROPHENOL	UG/G :	100K
2-METHYL-4,6-DINITROPHENOL	UG/G :	100K
4-NITROPHENOL	UG/G :	100K

Purpose Code 2

Program Code 42

Time Collected: 1:20 pm

Date Collected: 8/20/85

D042526

Lab # D042526

SPECIAL ANALYSIS FORM

Date Received AUG 28 1985

XP207

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit/IWI Industries, Inc.	0311740003

SOURCE OF SAMPLE: (Exact Location) See DCI Evidence Log

PHYSICAL OBSERVATIONS, REMARKS: ~~Billing Number~~

~~Twenty five day turnaround time~~

See DCI Evidence Log

TESTS REQUESTED: SW-846 Analytical Procedures Must Be Followed

See below

COLLECTED BY: B. Banning TRANSPORTED BY:

LABORATORY

RECEIVED BY: SB. DATE COMPLETED: DATE FORWARDED: 10-30-85 Attorney

pH	Trichloroethylene	Ethyl Benzene
Flash Point	Methylene Chloride	Cresols
Cd	1,1,1-Trichlorethane	Cresylic Acid
Cr	Tetrachloroethylene	Nitrobenzene
Pb	Chlorobenzene	Benzene
CN	Trichlorofluoromethane	Toluene
	Carbontetrachloride	Xylene
	Orthodichlorobenzene	Acetone
	Methyl Ethyl Ketone	Isobutanol
	Carbon Disulfide	Pyridine

IL 532-0314
LPC 8A 4/77

(NOT FOR DATA PROCESSING)

D042526

SAMPLE NUMBER : D542526

VINYL CHLORIDE	UG/G	: -
CHLOROETHANE	UG/G	: -
METHYLENE CHLORIDE	UG/G	: 43
BROMOCHLOROMETHANE	UG/G	: 25K
1,1-DICHLOROETHYLENE	UG/G	: 25K
1,1-DICHLOROETHANE	UG/G	: 25K
1,2-DICHLOROETHYLENE	UG/G	: 25K
CHLOROFORM	UG/G	: 25K
1,2-DICHLOROETHANE	UG/G	: 25K
1,1,1-TRICHLOROETHANE	UG/G	: 25K
CARBON TETRACHLORIDE	UG/G	: 25K
BROMODICHLOROMETHANE	UG/G	: 25K
1,2-DICHLOROPROPANE	UG/G	: 25K
TRICHLOROETHYLENE	UG/G	: 25K
BENZENE	UG/G	: 25K
DIBROMOCHLOROMETHANE	UG/G	: 25K
BROMOFORM	UG/G	: 25K
TETRACHLOROETHYLENE	UG/G	: 25K
TOLUENE	UG/G	: 50000
CHLOROBENZENE	UG/G	: 25K
ETHYL BENZENE	UG/G	: 200000
XYLENES	UG/G	: 700000

023 : THE FOLLOWING IDENTIFICATIONS ARE TENTATIVE & QUANTITATIONS APPROXIMATE :

024 : C3-SUBSTITUTED BENZENES	UG/G	: 20000
025 : C4-SUBSTITUTED BENZENES	UG/G	: 12000
026 : C5-SUBSTITUTED BENZENES	UG/G	: 810
027 : METHYL INDENES	UG/G	: 900
028 : ISOBENZOFURANDIONE	UG/G	: 1000
029 : ALIPHATIC HYDROCARBONS	UG/G	: 7200
030 : OTHER ORGANIC COMPOUNDS	UG/G	: 2500

D042523

Purpose Code 2

Program Code 42

Time Collected: 12:47 pm

Date Collected: 8/20/85

D042523

Lab #

SPECIAL ANALYSIS FORM

XS216

Date Received AUG 28 1985

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit/IWI Industries, Inc.	0311740003

SOURCE OF SAMPLE: (Exact Location) See DCI Evidence Log

PHYSICAL OBSERVATIONS, REMARKS: ~~Billing Number~~

~~Twenty five day turnaround time~~

See DCI Evidence Log

TESTS REQUESTED: SW-846 Analytical Procedures Must Be Followed

See below

COLLECTED BY: G. Bruni TRANSPORTED BY:

LABORATORY

RECEIVED BY: S.B. DATE COMPLETED: DATE FORWARDED: 10-30-85 Saturday

pH	Trichloroethylene	Ethyl Benzene
Flash Point	Methylene Chloride	Cresols
Cd	1,1,1-Trichlorethane	Cresylic Acid
Cr	Tetrachloroethylene	Nitrobenzene
Pb	Chlorobenzene	Benzene
CN	Trichlorofluoromethane	Toluene
	Carbontetrachloride	Xylene
	Orthodichlorobenzene	Acetone
	Methyl Ethyl Ketone	Isobutanol
	Carbon Disulfide	Pyridine

IL 532-0314
LPC 8A 4/77

(NOT FOR DATA PROCESSING)

D042523

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER : D542523
SAMPLING POINT DESC. : SUMMIT/IWI INDUSTRIES (XS216)

SUBMITTING SOURCE # : SITE # :
DATE COLLECTED : 850820 TIME COLLECTED : 1247 SAMPLING PROGRAM :

COLLECTED BY : BENNING DELIVERED BY : MESS
COMMENTS : FLASH PT.,VOLS.,EXTRACTABLES
FUNDING CODE : LP42 AGENCY ROUTING : 00 UNIT CODE :
SAM TYPE CODE : SAMPLE PURPOSE CODE : 0

DATE RECEIVED : 850828 TIME RECEIVED : 1000 RECEIVED BY : SJB
LAB OBSERVATIONS : 6OZ. MISC. REPORTING INDICATOR :
SUPERVISORS INITIALS : JTH NOTE :

K means "less than"

1,2-DICHLOROBENZENE	UG/G :	10K
BIS-(2-CHLOROETHYL)ETHER	UG/G :	10K
NITROBENZENE	UG/G :	10K
HEXACHLOROCYCLOPENTADIENE	UG/G :	10K
1,2,4-TRICHLOROBENZENE	UG/G :	10K
ISOPHORONE	UG/G :	10K
NAPHTHALENE	UG/G :	10K
METHYL NAPHTHALENE	UG/G :	10K
DIMETHYL NAPHTHALENE	UG/G :	10K
TRIMETHYL NAPHTHALENE	UG/G :	10K
HEXACHLOROCYCLOPENTADIENE	UG/G :	10K
ACENAPHTHYLENE	UG/G :	10K
ACENAPHTHENE	UG/G :	10K
DIBENZOFURAN	UG/G :	10K
FLUORENE	UG/G :	10K
2,4-DINITROTOLUENE	UG/G :	10K
PHENANTHRENE	UG/G :	10K
ANTHRACENE	UG/G :	10K
FLUORANTHENE	UG/G :	10K
PYRENE	UG/G :	10K
BENZIDINE	UG/G :	10K
CHRYSENE	UG/G :	10K
BENZO(A)ANTHRACENE	UG/G :	10K
3,3'-DICHLOROBENZIDINE	UG/G :	10K
2-CHLOROPHENOL	UG/G :	10K
2-NITROPHENOL	UG/G :	10K
PHENOL	UG/G :	10K
DIMETHYLPHENOLS	UG/G :	10K
2,4,6-DICHLOROPHENOL	UG/G :	10K
2,4,6-TRICHLOROPHENOL	UG/G :	10K
4-CHLORO-3-METHYLPHENOL	UG/G :	10K
2,4-DINITROPHENOL	UG/G :	10K
2-METHYL-4,6-DINITROPHENOL	UG/G :	10K
4-NITROPHENOL	UG/G :	10K

SAMPLE NUMBER : D542523

VINYL CHLORIDE	UG/G :	-
CHLOROETHANE	UG/G :	-
METHYLENE CHLORIDE	UG/G :	5.0K
BROMOCHLOROMETHANE	UG/G :	5.0K
1,1-DICHLOROETHYLENE	UG/G :	5.0K
1,1-DICHLOROETHANE	UG/G :	5.0K
1,2-DICHLOROETHYLENE	UG/G :	5.0K
CHLOROFORM	UG/G :	5.0K
1,2-DICHLOROETHANE	UG/G :	5.0K
1,1,1-TRICHLOROETHANE	UG/G :	5.0K
CARBON TETRACHLORIDE	UG/G :	5.0K
BROMODICHLOROMETHANE	UG/G :	5.0K
1,2-DICHLOROPROPANE	UG/G :	5.0K
TRICHLOROETHYLENE	UG/G :	5.0K
BENZENE	UG/G :	5.0K
DIBROMOCHLOROMETHANE	UG/G :	5.0K
BROMOFORM	UG/G :	5.0K
TETRACHLOROETHYLENE	UG/G :	5.0K
TOLUENE	UG/G :	2300
CHLOROBENZENE	UG/G :	5.0K
ETHYL BENZENE	UG/G :	67000
XYLENES	UG/G :	160000

023 : THE FOLLOWING IDENTIFICATIONS ARE TENTATIVE & QUANTITATIONS APPROXIMATE :

024 : C3-SUBSTITUTED BENZENES	UG/G :	120
025 : C4-SUBSTITUTED BENZENES	UG/G :	35
026 : ISOBENZOFURANDIONE	UG/G :	70
027 : ALIPHATIC HYDROCARBONS	UG/G :	300
028 : OTHER ORGANIC COMPOUNDS	UG/G :	35

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER : C507481
SAMPLING POINT DESC. : COOK\SUMMIT\IWI INDUSTRIES, INC. XS216

SUBMITTING SOURCE # : SITE # : 0311740003
DATE COLLECTED : 850820 TIME COLLECTED : 1247 SAMPLING PROGRAM :

COLLECTED BY : G BRUNI DELIVERED BY : GB
COMMENTS : SEE DCI EVIDENCE LOG
FUNDING CODE : LP42 AGENCY ROUTING : 00 UNIT CODE :
SAM TYPE CODE : LPSP SAMPLE PURPOSE CODE : 2

DATE RECEIVED : 850926 TIME RECEIVED : 1615 RECEIVED BY : LWH
LAB OBSERVATIONS : SM.AMT.LIQ.+ SLUDGE REPORTING INDICATOR :
SUPERVISORS INITIALS : JWD NOTE :

TOXICITY EXTRACT.INITIAL PH UNITS : 8.4
TOXICITY EXTRACT.FINAL PH UNITS : 4.2
EP TOXICITY CADMIUM MG/L : 0.09
EP TOXICITY CHROMIUM MG/L : 0.01K

EP TOXICITY LEAD MG/L : 0.05K
FLASH POINT.CLOSED CUP DEG.F : INSUFF
002 : INSUFFICIENT AMOUNT OF SAMPLE.

RECEIVED
SEP 24 1985
IEPA-DLPC

Purpose Code 2 C07481 AUG26 85

Program Code 42

Time Collected: 12:47 pm Lab # C507481

SPECIAL ANALYSIS FORM

Date Collected: 8/20/85 Date Received

XS 216

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit/IWI Industries, Inc.	0311741 0003

SOURCE OF SAMPLE: (Exact Location) See DCI Evidence Log

PHYSICAL OBSERVATIONS, REMARKS: ~~Billing Number~~ RECEIVED

~~Twenty five day turnaround time~~ SEP 24 1985

IEPA-DLPC

See DCI Evidence Log

TESTS REQUESTED: SW-846 Analytical Procedures Must Be Followed

See below

COLLECTED BY: G. Bruni TRANSPORTED BY:

LABORATORY

RECEIVED BY: Leslie W Holt DATE COMPLETED: ~~8 26 85~~ DATE FORWARDED: J Daugherty SEP. 23. 1985

pH	Trichloroethylene	Ethyl Benzene
Flash Point	Methylene Chloride	Cresols
Cd <0.09	1,1,1-Trichlorethane	Cresylic Acid
Cr <0.01	Tetrachloroethylene	Nitrobenzene
Pb	Chlorobenzene	Benzene
CN	Trichlorofluoromethane	Toluene
See LIMS report	Carbon Tetrachloride	Xylene
Leslie W Holt	Orthodichlorobenzene	Acetone
8-26-85	Methyl Ethyl Ketone	Isobutanol
	Carbon Disulfide	Pyridine

IL 532-0314
LPC BA 4/77

(NOT FOR DATA PROCESSING)

Environmental Protection Agency
Division of Laboratory Services
2121 W. Taylor Street
Chicago, Illinois 60612

Purpose Code 2

Program Code 42

D042527

Time Collected: 12:50 pm

Date Collected: 8/20/85

Lab # D042527

SPECIAL ANALYSIS FORM

Date Received AUG 28 1985

XS217

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
Cook	Summit/IWI Industries, Inc.	0311740003

SOURCE OF SAMPLE: (Exact Location) See DCI Evidence Log

PHYSICAL OBSERVATIONS, REMARKS: ~~Billing Number~~

~~Twenty five day turnaround time~~

See DCI Evidence Log

TESTS REQUESTED: SW-846 Analytical Procedures Must Be Followed

See below

COLLECTED BY: B. Benning TRANSPORTED BY:

LABORATORY

RECEIVED BY: SB. DATE COMPLETED: DATE FORWARDED: 10-30-85 S Hurley

pH	Trichloroethylene	Ethyl Benzene
Flash Point	Methylene Chloride	Cresols
Cd	1,1,1-Trichlorethane	Cresylic Acid
Cr	Tetrachloroethylene	Nitrobenzene
Pb	Chlorobenzene	Benzene
CN	Trichlorofluoromethane	Toluene
	Carbontetrachloride	Xylene
	Orthodichlorobenzene	Acetone
	Methyl Ethyl Ketone	Isobutanol
	Carbon Disulfide	Pyridine

IL 532-0314
LPC 8A 4/77

(NOT FOR DATA PROCESSING)

D042527

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER : D542527
SAMPLING POINT DESC. : SUMMIT/IWI INDUSTRIES (XS217)

SUBMITTING SOURCE # : SITE # :
DATE COLLECTED : 850820 TIME COLLECTED : 1250 SAMPLING PROGRAM :

COLLECTED BY : BENNING DELIVERED BY : MESS
COMMENTS : FLASH PT.,VOLS.,EXTRACTABLES
FUNDING CODE : LP42 AGENCY ROUTING : 00 UNIT CODE :
SAM TYPE CODE : SAMPLE PURPOSE CODE : 0

DATE RECEIVED : 850828 TIME RECEIVED : 1000 RECEIVED BY : SJB
LAB OBSERVATIONS : 6OZ. MISC. REPORTING INDICATOR :
SUPERVISORS INITIALS : JTH NOTE :

K means "less than"

1,2-DICHLOROBENZENE	UG/G :	100K
BIS-(2-CHLOROETHYL)ETHER	UG/G :	100K
NITROBENZENE	UG/G :	100K
HEXACHLOROCYCLOPENTADIENE	UG/G :	100K
1,2,4-TRICHLOROBENZENE	UG/G :	100K
ISOPHORONE	UG/G :	100K
NAPHTHALENE	UG/G :	100K
METHYL NAPHTHALENE	UG/G :	100K
DIMETHYL NAPHTHALENE	UG/G :	100K
TRIMETHYL NAPHTHALENE	UG/G :	100K
HEXACHLOROCYCLOPENTADIENE	UG/G :	100K
ACENAPHTHYLENE	UG/G :	100K
ACENAPHTHENE	UG/G :	100K
DIBENZOFURAN	UG/G :	100K
FLUORENE	UG/G :	100K
2,4-DINITROTOLUENE	UG/G :	100K
PHENANTHRENE	UG/G :	100K
ANTHRACENE	UG/G :	100K
FLUORANTHENE	UG/G :	100K
PYRENE	UG/G :	100K
BENZIDINE	UG/G :	100K
CHRYSENE	UG/G :	100K
BENZO(A)ANTHRACENE	UG/G :	100K
3,3'-DICHLOROBENZIDINE	UG/G :	100K
2-CHLOROPHENOL	UG/G :	100K
2-NITROPHENOL	UG/G :	100K
PHENOL	UG/G :	100K
DIMETHYLPHENOLS	UG/G :	100K
4,6-DICHLOROPHENOL	UG/G :	100K
2,4,6-TRICHLOROPHENOL	UG/G :	100K
4-CHLORO-3-METHYLPHENOL	UG/G :	100K
2,4-DINITROPHENOL	UG/G :	100K
2-METHYL-4,6-DINITROPHENOL	UG/G :	100K
4-NITROPHENOL	UG/G :	100K